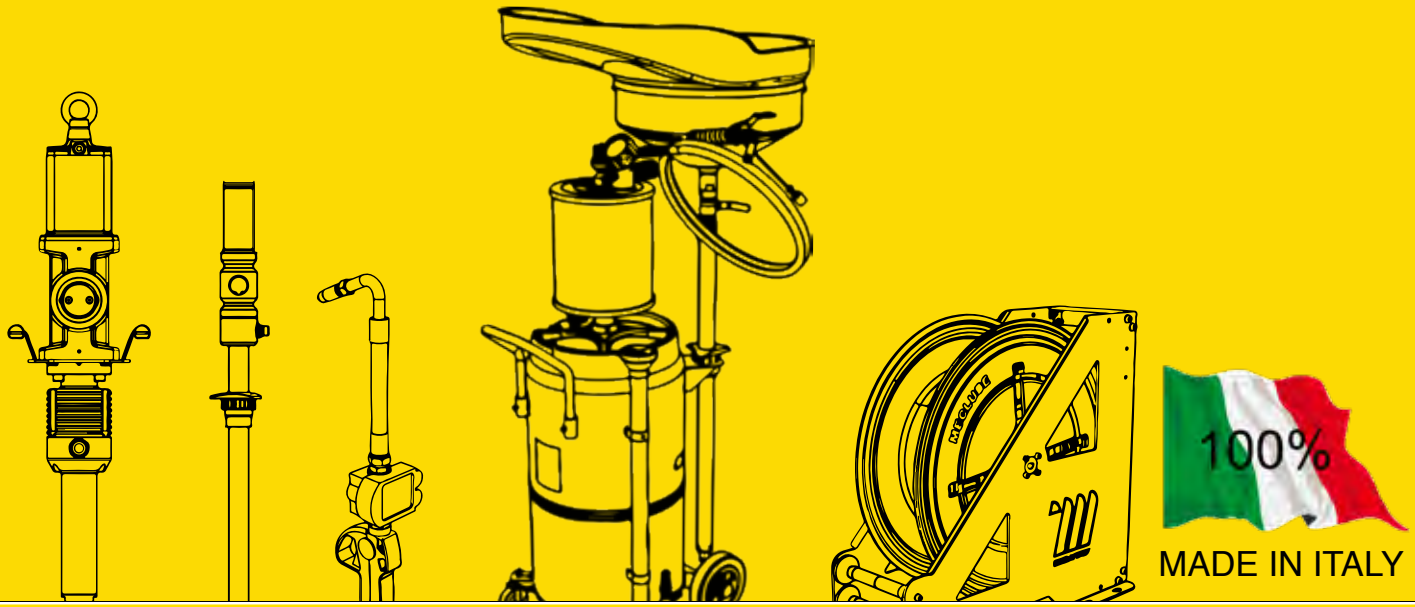
MECLUBE
MADE IN ITALY

www.meclube.com

# LUBRICATION EQUIPMENT




MADE IN ITALY




## Company

MECLUBE is an industrial company that manufactures lubrication equipment for every specific requirement, giving best collaboration to the customers and working to grow with them.
MECLUBE is a young and dynamic company, but it has already all the know-how and the experience of qualified personnel, and its main targets are the service to the customer (especially the post-sale assistance) and the quality: it is already operating with the necessary
quality standards to achieve the ISO 9001:2015 certification. MECLUBE is a constantly developing company: new products are in project to improve and facilitate the work in the automotive garages.

## Service

Our company is able to offer to all our customers items of high quality and availability. It has a modern and innovative equipment of project, a lot of machines with a huge productive potential, a wide range of stamps, manufacturing cycles, tools, test and assemby machinery. Our customers represent the most important patrimony of MECLUBE. We are convinced that people make the difference, and we are at their disposal to start a relationship of growth and innovation, always having in mind the only possible result: the best one.

## Test room





## Fully Italian production

MECLUBE gives to all its customers the availability of a global service, assured by a wide range of products. The excellent relation between quality/price and the respect of the delivery time make our company an ideal partner. Thanks to the high flexibility of our modalities of production we are able to establish an exceptional relation with our customers that comes true in the customization, in the colour, in the brand of the company on the standard range of our products. Our purchase cycle becomes complete with a speedy and qualified assistence service.



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# GREASE DISTRIBUTION



# AIR-OPERATED GREASE PUMPS



The new **patented** air-operated grease pumps, fully designed and manufactured by MECLUBE, show remarkable operating features. They are fully made with electronic machine tools, the assembly is made with great care and the parts have been carefully tested in order to assure the best guarantee of reliability and a long life. The choice of materials and manufacturing quality make these pumps suitable to work in the worst environmental conditions.

- **Brand new fully air-operated motion reverse device, without cams and springs**
- **Reduced number of wearing parts**
- **Big quantity of grease supplied at low air consumption**
- **High operating pressure**
- **Aluminum alloy body pump with electrolytic treatment that ensures very high corrosion strength**
- **High stressed elements in Fe 420 steel**





# GREASE DISTRIBUTION INDEX



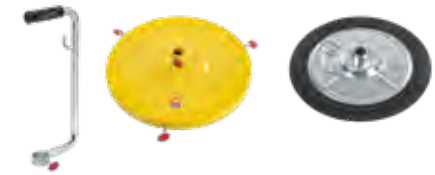
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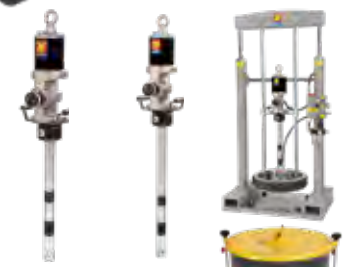
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# AIR-OPERATED GREASE PUMPS Mod. 660

**COMPRESSION RATIO = 60:1**
**DELIVERY = 1600 g/min**

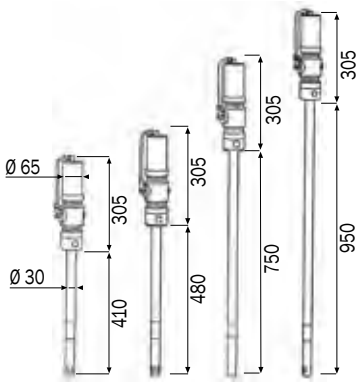



## Art. 010-1000-000
**Air-operated grease pump R=60:1 Mod. 660**
For standard drums **12-16 kg**
(shank length 410 mm)
**Polyurethane** seals

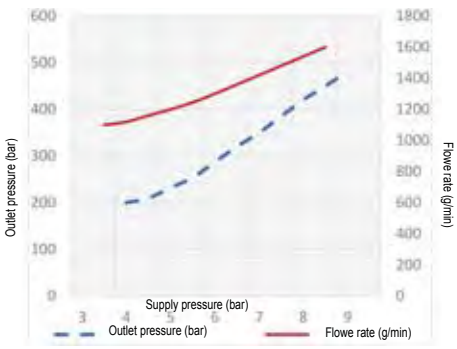
## Art. 010-1005-000
**Air-operated grease pump R=60:1 Mod. 660**
For standard drums **18-30 kg**
(shank length 480 mm)
**Polyurethane** seals

## Art. 010-1010-000
**Air-operated grease pump R=60:1 Mod. 660**
For standard drums **50-60 kg**
(shank length 750 mm)
**Polyurethane** seals

## Art. 010-1015-000
**Air-operated grease pump R=60:1 Mod. 660**
For standard drums **180-220 kg**
(shank length 950 mm)
**Polyurethane** seals




| | Kg | m³ | Nº |
|---|---|---|---|
| **010-1000-000** | 4,980 | 0,010 | 1 |
| **010-1005-000** | 4,900 | 0,010 | 1 |
| **010-1010-000** | 6,000 | 0,013 | 1 |
| **010-1015-000** | 6,900 | 0,016 | 1 |




(GREASE NLGI 1 20° C)

| Technical data | | 010-1000-000 | 010-1005-000 | 010-1010-000 | 010-1015-000 |
|---|---|---|---|---|---|
| Compression ratio | | 60:1 | 60:1 | 60:1 | 60:1 |
| Max pressure supply | bar | 8 | 8 | 8 | 8 |
| Medium air consumption | l/min | 130 | 130 | 130 | 130 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G | F 1/4" G |
| Grease outlet connection | BSP | M 1/4" G | M 1/4" G | M 1/4" G | M 1/4" G |
| Grease delivery capacity 8 bar | g/min | 1600 | 1600 | 1600 | 1600 |
| Noise | dB | 76 | 76 | 76 | 76 |
| Shank diameter | mm | 30 | 30 | 30 | 30 |
| Shank length | mm | 410 | 480 | 750 | 950 |
| For drums with capacity of | kg | 12-16 | 18-30 | 50-60 | 180-220 |

These pumps are suitable for the supply at high pressure of greases with viscosity up to NLGI 2 at short and long distances. The operating pressure of the grease pumps hereby may vary between a minimum of 2.5 bar and a maximum of 8 bar. In order to optimize the efficiency and the life of our air-operated pumps, we recommend to use filtered and lubricated air.

# AIR-OPERATED GREASE PUMPS Mod. 670

**COMPRESSION RATIO = 70:1**
**DELIVERY = 1100 g/min**

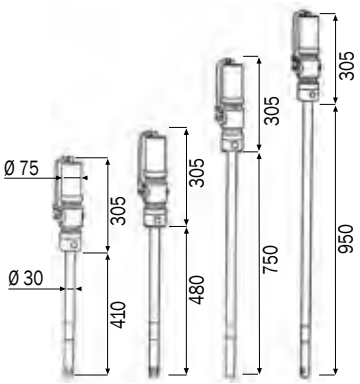
### Art. 010-1018-000
**Air-operated grease pump R=70:1 Mod. 670**
For standard drums **12-16 kg**
(shank length 410 mm)
**Polyurethane** seals

### Art. 010-1020-000
**Air-operated grease pump R=70:1 Mod. 670**
For standard drums **18-30 kg**
(shank length 480 mm)
**Polyurethane** seals

### Art. 010-1025-000
**Air-operated grease pump R=70:1 Mod. 670**
For standard drums **50-60 kg**
(shank length 750 mm)
**Polyurethane** seals

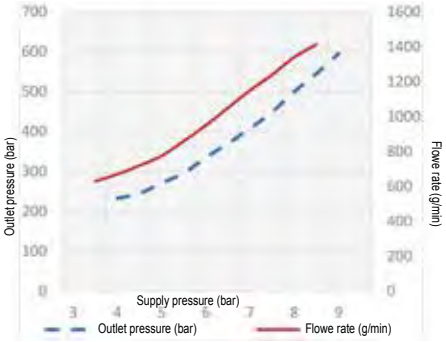
### Art. 010-1030-000
**Air-operated grease pump R=70:1 Mod. 670**
For standard drums **180-220 kg**
(shank length 950 mm)
**Polyurethane** seals




| | Kg | m³ | |
|---|---|---|---|
| **010-1018-000** | 5,400 | 0,010 | 1 |
| **010-1020-000** | 5,600 | 0,010 | 1 |
| **010-1025-000** | 6,800 | 0,013 | 1 |
| **010-1030-000** | 7,000 | 0,016 | 1 |

| Technical data | | 010-1018-000 | 010-1020-000 | 010-1025-000 | 010-1030-000 |
|---|---|---|---|---|---|
| Compression ratio | | 70:1 | 70:1 | 70:1 | 70:1 |
| Max pressure supply | bar | 8 | 8 | 8 | 8 |
| Medium air consumption | l/min | 150 | 150 | 150 | 150 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G | F 1/4" G |
| Grease outlet connection | BSP | M 1/4" G | M 1/4" G | M 1/4" G | M 1/4" G |
| Grease delivery capacity 8 bar | g/min | 1100 | 1100 | 1100 | 1100 |
| Noise | dB | 76 | 76 | 76 | 76 |
| Shank diameter | mm | 30 | 30 | 30 | 30 |
| Shank length | mm | 410 | 480 | 750 | 950 |
| For drums with capacity of | kg | 12-16 | 18-30 | 50-60 | 180-220 |




(GREASE NLGI 1 20° C)

These pumps are suitable for the supply at high pressure of greases with viscosity up to NLGI 2 at short and long distances. The operating pressure of the grease pumps hereby may vary between a minimum of 2.5 bar and a maximum of 8 bar. In order to optimize the efficiency and the life of our air-operated pumps, we recommend to use filtered and lubricated air.

# AIR-OPERATED GREASE PUMPS Mod. 700

## COMPRESSION RATIO = 100:1

## DELIVERY = 1000 g/min




### Art. 010-1032-000

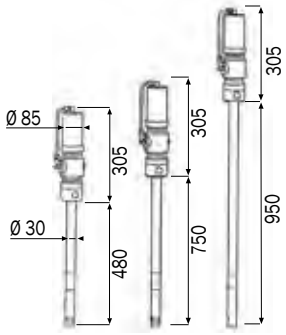
**Air-operated grease pump R=100:1 Mod. 700**
For standard drums **18-30 kg**
(shank length 480 mm)
**Polyurethane** seals

### Art. 010-1034-000

**Air-operated grease pump R=100:1 Mod. 700**
For standard drums **50-60 kg**
(shank length 750 mm)
**Polyurethane** seals

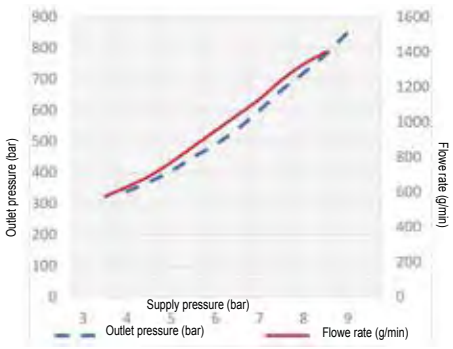
### Art. 010-1035-000

**Air-operated grease pump R=100:1 Mod. 700**
For standard drums **180-220 kg**
(shank length 950 mm)
**Polyurethane** seals




| | Kg | m³ | Nº |
|---|---|---|---|
| **010-1032-000** | 5,300 | 0,010 | 1 |
| **010-1034-000** | 6,400 | 0,013 | 1 |
| **010-1035-000** | 7,200 | 0,016 | 1 |

| Technical data | | 010-1032-000 | 010-1034-000 | 010-1035-000 |
|---|---|---|---|---|
| Compression ratio | | 100:1 | 100:1 | 100:1 |
| Max pressure supply | bar | 8 | 8 | 8 |
| Medium air consumption | l/min | 190 | 190 | 190 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G |
| Grease outlet connection | BSP | M 1/4" G | M 1/4" G | M 1/4" G |
| Grease delivery capacity 8 bar | g/min | 1000 | 1000 | 1000 |
| Noise | dB | 79 | 79 | 79 |
| Shank diameter | mm | 30 | 30 | 30 |
| Shank length | mm | 480 | 750 | 950 |
| For drums with capacity of | kg | 18-30 | 50-60 | 180-220 |




(GREASE NLGI 1 20° C)

These pumps are suitable for the supply at high pressure of greases with viscosity up to NLGI 2 at short and long distances. The operating pressure of the grease pumps hereby may vary between a minimum of 2.5 bar and a maximum of 8 bar. In order to optimize the efficiency and the life of our air-operated pumps, we recommend to use filtered and lubricated air.

# AIR-OPERATED TRANSFER GREASE PUMPS Mod. 614

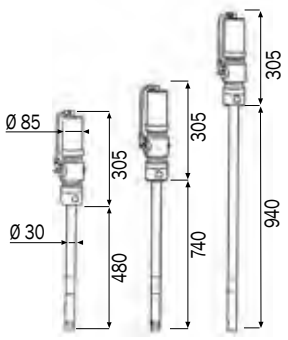
**COMPRESSION RATIO = 14:1**
**DELIVERY = 2000 g/min**

### Art. 010-1036-000
**Air-operated grease pump R=14:1 Mod. 614**
For standard drums **18-30 kg**
(shank length 480 mm)
**Polyurethane** seals

### Art. 010-1038-000
**Air-operated grease pump R=14:1 Mod. 614**
For standard drums **50-60 kg**
(shank length 740 mm)
**Polyurethane** seals

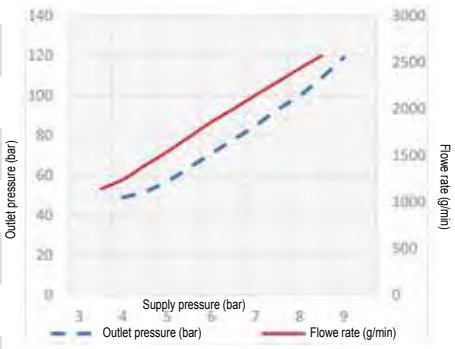
### Art. 010-1040-000
**Air-operated grease pump R=14:1 Mod. 614**
For standard drums **180-220 kg**
(shank length 940 mm)
**Polyurethane** seals



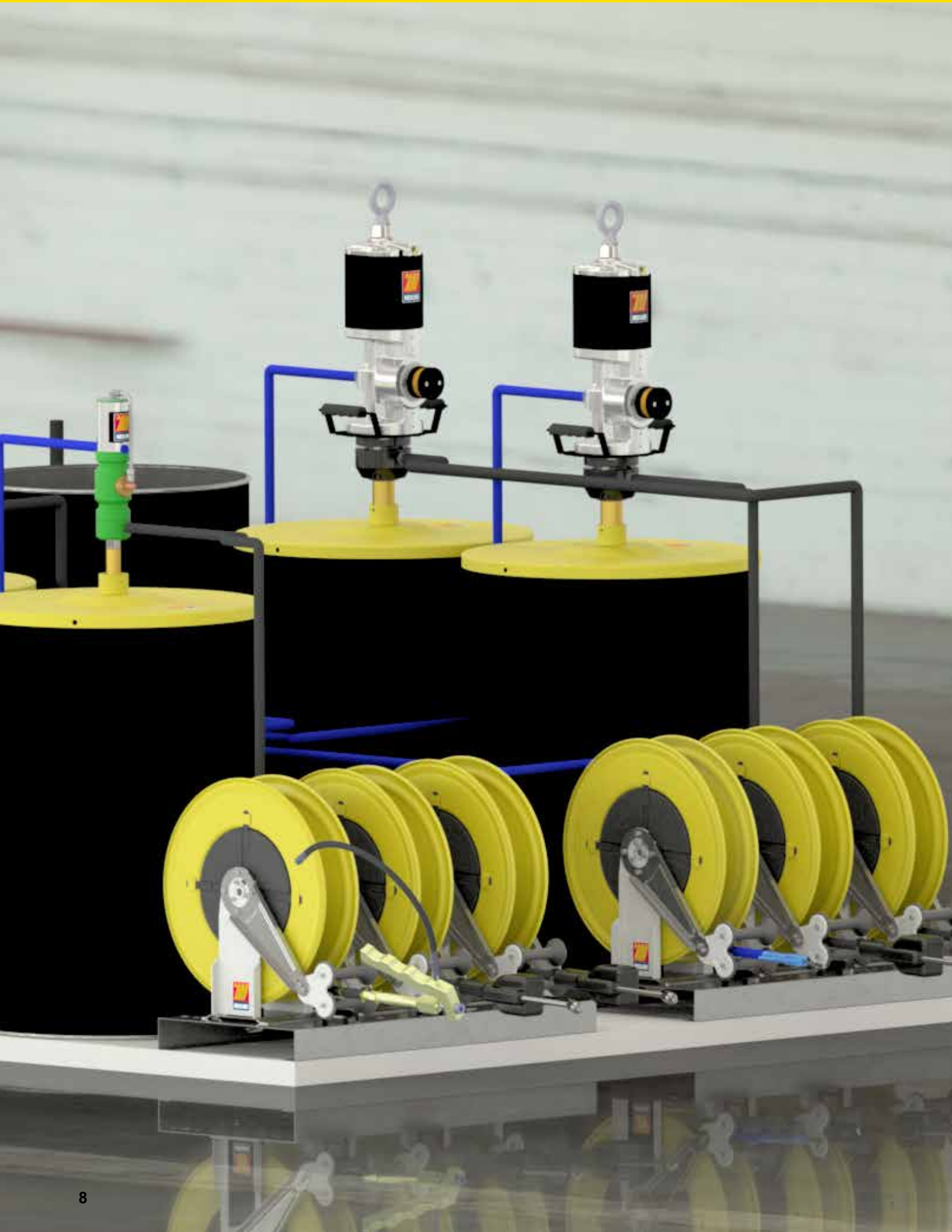

| | Kg | m³ | Nº |
|---|---|---|---|
| **010-1036-000** | 4,700 | 0,010 | 1 |
| **010-1038-000** | 5,600 | 0,013 | 1 |
| **010-1040-000** | 6,100 | 0,016 | 1 |

| Technical data | | 010-1036-000 | 010-1038-000 | 010-1040-000 |
|---|---|---|---|---|
| Compression ratio | | 14:1 | 14:1 | 14:1 |
| Max pressure supply | bar | 8 | 8 | 8 |
| Medium air consumption | l/min | 220 | 220 | 220 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G |
| Grease outlet connection | BSP | M 1/2" G | M 1/2" G | M 1/2" G |
| Grease delivery capacity 8 bar | g/min | 2000 | 2000 | 2000 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 30 | 30 | 30 |
| Shank length | mm | 480 | 740 | 940 |
| For drums with capacity of | kg | 18-30 | 50-60 | 180-220 |




(GREASE NLGI 1 20° C)

They are suitable for transferring grease with viscosity up to NLGI 2 and to fill central distribution plants, dispensers and manual pumps where a major quantity of grease with slow pressure and short distance is required. The operating pressure of the grease pumps may vary between a minimum of 2.5 bar and a maximum of 8 bar. In order to optimize the efficiency and the life of our air-operated pumps we recommend to use filtered and lubricated air.



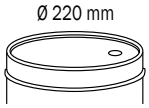
# AIR-OPERATED GREASE PUMP KITS FOR DRUMS 15-30 KG

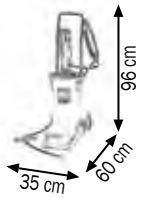
## Art. 013-1096-000

**Air-operated wheeled grease kit for 16 kg**

Composed by:
Wheeled tank for 16 kg
Art.010-1005-000 Grease pump **R=60:1**
Art.014-1059-030 Follower plate Ø 220 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1096-000** | 17,800 | 0,010 | 2 |






**013-1096-000**

## Art. 013-1099-000

**Grease kit suitable for drums 15 Kg**

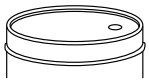
Composed by:
Art.010-1000-000 Grease pump **R=60:1**
Art.014-1095-000 Handle
Art.014-1050-030 Lid Ø 280 mm
Art.014-1060-030 Follower plate Ø 265 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

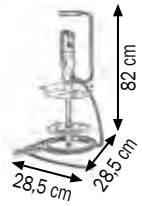
## Art. 013-1098-000

**Grease kit suitable for drums 15 Kg**

Composed like Art.013-1099-000 but without:
Art.014-1060-030 Follower plate Ø 265 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1099-000** | 11,160 | 0,056 | 1 |
| **013-1098-000** | 10,000 | 0,056 | 1 |






**013-1099-000**

## Art. 013-1102-000

**Grease kit suitable for drums 18–30 Kg**

Composed by:
Art.010-1005-000 Grease pump **R=60:1**
Art.014-1095-000 Handle
Art.014-1051-030 Lid Ø 320 mm
Art.014-1062-030 Follower plate Ø 310 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivel joint

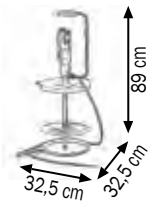
## Art. 013-1100-000

**Grease kit suitable for drums 18–30 Kg**

Composed like Art.013-1102-000 but without:
Art.014-1062-030 Follower plate Ø 310 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1102-000** | 11,870 | 0,056 | 1 |
| **013-1100-000** | 11,440 | 0,056 | 1 |






**013-1102-000**

# AIR-OPERATED GREASE PUMP KITS FOR DRUMS 50-220 KG



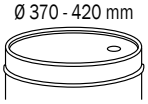
013-1103-000

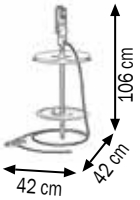
## Art. 013-1103-000
**Grease kit suitable for drums 50–60 kg**
Composed by:
Art.010-1010-000 Grease pump **R=60:1**
Art.014-1054-030 Lid Ø 420 mm
Art.014-1065-030 Follower plate Ø 400 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

## Art. 013-1103-A00
**Grease kit suitable for drums 50–60 kg**
Composed like Art.013-1103-000 but with:
Art.010-1025-000 Grease pump **R=70:1**

## Art. 013-1103-B00
**Grease kit suitable for drums 50–60 kg**
Composed like Art.013-1103-000 but with:
Art.010-1034-000 Grease pump **R=100:1**

| | Kg | m³ | № |
|---|---|---|---|
| **013-1103-000** | 12,600 | 0,079 | 1 |
| **013-1103-A00** | 13,000 | 0,079 | 1 |
| **013-1103-B00** | 13,000 | 0,079 | 1 |





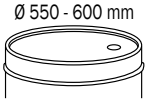

013-1104-000

## Art. 013-1104-000
**Grease kit suitable for drums 180–220 kg**
Composed by:
Art.010-1015-000 Grease pump **R=60:1**
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

## Art. 013-1104-A00
**Grease kit suitable for drums 180–220 kg**
Composed like Art.013-1104-000 but with:
Art.010-1030-000 Grease pump **R=70:1**

## Art. 013-1104-B00
**Grease kit suitable for drums 180–220 kg**
Composed like Art.013-1104-000 but with:
Art.010-1035-000 Grease pump R**=100:1**

| | Kg | m³ | № |
|---|---|---|---|
| **013-1104-000** | 15,500 | 0,088 | 2 |
| **013-1104-A00** | 15,870 | 0,088 | 2 |
| **013-1104-B00** | 15,870 | 0,088 | 2 |






# WHEELED AIR-OPERATED GREASE PUMP KITS FOR DRUMS 18-30 KG

## Art. 013-1106-000

**Wheeled grease kit suitable for drums 18–30 kg**

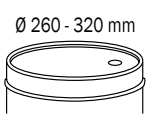
Composed by:
Art.010-1005-000 Grease pump **R=60:1**
Art.030-1392-000 2- wheels trolley
Art.014-1051-030 Lid Ø 320 mm
Art.014-1062-030 Follower plate Ø 310 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

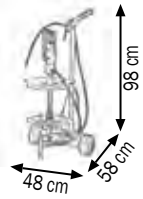
## Art. 013-1105-000

**Wheeled grease kit suitable for drums 18–30 kg**

Composed like Art.013-1106-000 but without:
Art.014-1062-030 Follower plate Ø 310 mm

| | Kg | m³ | № |
|---|---|---|---|
| **013-1106-000** | 15,740 | 0,056 | 1 |
| **013-1105-000** | 14,310 | 0,056 | 1 |





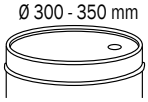

**013-1106-000**

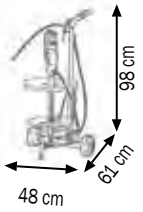
## Art. 013-1113-000

**Wheeled grease kit suitable for drums 25–30 kg**

Composed by:
Art.010-1005-000 Grease pump **R=60:1**
Art.030-1392-000 2- wheels trolley
Art.014-1052-030 Lid Ø 350 mm
Art.014-1063-030 Follower plate Ø 340 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

| | Kg | m³ | № |
|---|---|---|---|
| **013-1113-000** | 16,590 | 0,056 | 1 |






**013-1113-000**

## Art. 013-1108-000

**Wheeled grease kit suitable for drums 18–30 Kg**

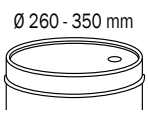
Composed by:
Art.010-1005-000 Grease pump **R=60:1**
Art.030-1393-000 2 pneumatic wheels trolley
Art.014-1051-030 Lid Ø 320 mm
Art.014-1062-030 Follower plate Ø 310 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

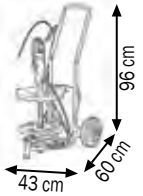
## Art. 013-1110-000

**Wheeled grease kit suitable for drums 25–30 Kg**

Composed like Art.013-1108-000 but without:
Art.014-1052-030 Lid Ø 350 mm
Art.014-1063-030 Follower plate Ø 340 mm

| | Kg | m³ | № |
|---|---|---|---|
| **013-1108-000** | 18,000 | 0,056 | 1 |
| **013-1110-000** | 19,000 | 0,056 | 1 |






**013-1108-000**

# WHEELED AIR-OPERATED GREASE PUMP KITS FOR DRUMS 50-60 KG



013-1118-000

## Art. 013-1118-000

**Wheeled grease kit suitable for drums 50–60 kg**

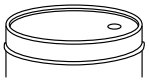
Composed by:
Art.010-1010-000 Grease pump **R=60:1**
Art.030-1394-000 2-pneumatic wheels trolley
Art.014-1053-030 Lid Ø 395 mm
Art.014-1064-030 Follower plate Ø 370 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

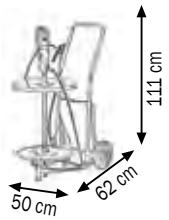
## Art. 013-1117-000

**Wheeled grease kit suitable for drums 50–60 kg**

Composed like Art.013-1118-000 but without:
Art.014-1064-030 Follower plate Ø 370 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1118-000** | 19,650 | 0,079 | 1 |
| **013-1117-000** | 17,470 | 0,079 | 1 |






013-1116-000

## Art. 013-1116-000

**Wheeled grease kit suitable for drums 50–60 kg**

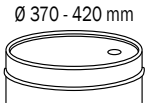
Composed by:
Art.010-1010-000 Grease pump **R=60:1**
Art.030-1394-000 2-pneumatic wheels trolley
Art.014-1054-030 Lid Ø 420 mm
Art.014-1065-030 Follower plate Ø 400 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

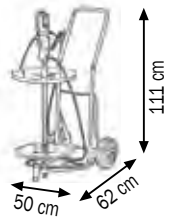
## Art. 013-1115-000

**Wheeled grease kit suitable for drums 50–60 kg**

Composed like Art.013-1116-000 but without:
Art.014-1065-030 Follower plate Ø 400 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1116-000** | 20,300 | 0,079 | 1 |
| **013-1115-000** | 17,800 | 0,079 | 1 |





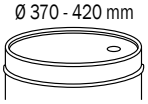

013-1120-000

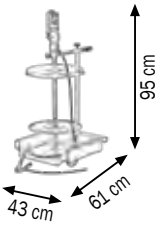
## Art. 013-1120-000

**Wheeled grease kit suitable for drums 50–60 kg**

Composed by:
Art.010-1010-000 Grease pump **R=60:1**
Art.030-1395-000 4 - wheels trolley
Art.014-1054-030 Lid Ø 420 mm
Art.014-1065-030 Follower plate Ø 400 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1120-000** | 26,800 | 0,079 | 1 |



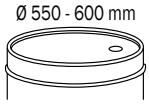
# WHEELED AIR-OPERATED GREASE PUMP KITS FOR DRUMS 180-220 KG

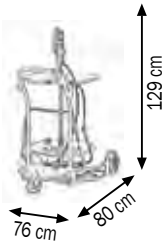
## Art. 013-1121-000

**Wheeled grease kit suitable for drums 180–220 kg**

Composed by:
Art.010-1015-000 Grease pump **R=60:1**
Art.030-1398-000 3-wheels trolley
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1121-000** | 45,070 | 0,200 | 2 |





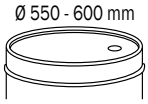

**013-1121-000**

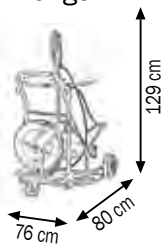
## Art. 013-1122-000

**Wheeled grease kit suitable for drums 180–220 kg with hose reel**

Composed by:
Art.010-1015-000 Grease pump **R=60:1**
Art.030-1398-000 3-wheels trolley
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0122-015 2SC 1/4" hose – 1.5 m length
Art.014-1081-010 Gun with flexible pipe and fitting with triple-swivelling joint
Art.070-1207-110 Hose reel with 2SC 1/4" hose **10.0 m** length

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1122-000** | 56,900 | 0,246 | 3 |





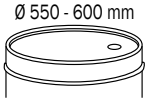

**013-1122-000**

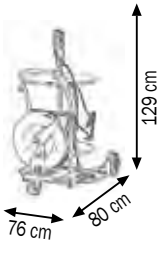
## Art. 013-1123-000

**Wheeled grease kit suitable for drums 180–220 kg with hose reel**

Composed by:
Art.010-1030-000 Grease pump **R=70:1**
Art.030-1398-000 3-wheels trolley
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0122-015 2SC 1/4" hose – 1.5 m length
Art.014-1081-013 Gun with flexible pipe and fitting with triple-swivelling joint 3/8"
Art.070-1307-118 Hose reel with 2SC 1/4" hose **18.0 m** length

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1123-000** | 66,700 | 0,246 | 3 |






**013-1123-000**

# WHEELED AIR-OPERATED GREASE PUMP KITS FOR DRUMS 180-220 KG



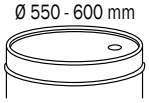
013-1125-000

## Art. 013-1125-000

**Wheeled grease kit suitable for drums 180–220 kg**

Composed by:
Art.010-1015-000 Grease pump **R=60:1**
Art.030-1400-000 4-wheels trolley
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-000 Grease gun with swivelling joint

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1125-000** | 55,780 | 0,200 | 2 |









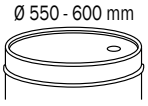
013-1130-000

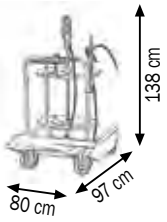
## Art. 013-1130-000

**Wheeled grease kit suitable for drums 180–220 kg**

Composed by:
Art.010-1015-000 Grease pump **R=60:1**
Art.030-1405-000 4-wheels trolley
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0102-040 2SC 1/4" hose – 4.0 m length
Art.014-1081-010 Gun with flexible pipe and fitting with triple-swivelling joint

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1130-000** | 67,680 | 0,200 | 2 |





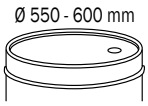

013-1135-000

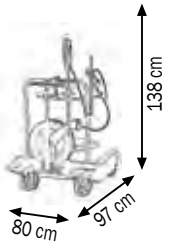
## Art. 013-1135-000

**Wheeled grease kit suitable for drums 180–220 kg with hose reel**

Composed by:
Art.010-1015-000 Grease pump **R=60:1**
Art.030-1405-000 4-wheels trolley
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0122-015 2SC 1/4" hose – 1.5 m length
Art.014-1081-010 Gun with flexible pipe and fitting with triple-swivelling joint
Art.070-1207-110 Hose reel with 2SC 1/4" hose **10.0 m** length

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1135-000** | 83,290 | 0,246 | 3 |



# WALL-FIXED AIR-OPERATED GREASE KITS FOR DRUMS 50-220 Kg

## Art. 013-1136-000

**Wall-fixing grease kit suitable for drums 50–60 kg**

Composed by:
Art.010-1010-000 Grease pump **R=60:1**
Art.071-1207-110 Orietable hose reel with 2SC 1/4” hose **10,0 m** length
Art.014-1054-030 Lid Ø 420 mm
Art.014-1065-030 Follower plate Ø 400 mm
Art.907-0122-015 2SC 1/4” hose – 1.5 m length
Art.014-1081-010 Gun with flexible pipe and fitting with triple-swivelling joint
Art.024-1785-000 Support for picking up drops



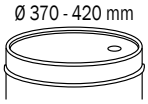
013-1136-000

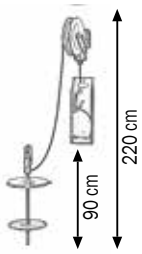
## Art. 013-1137-000

**Wall-fixing grease kit suitable for drums 50–60 kg**

Composed like Art.013-1136-000 but with:
Art.071-1207-115 Orientable hose reel with 2SC 1/4” hose **15,0 m** length

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1136-000** | 34,000 | 0,122 | 4 |
| **013-1137-000** | 36,500 | 0,122 | 4 |




## Art. 013-1138-000

**Wall-fixing grease kit suitable for drums 180–220 kg**

Composed by:
Art.010-1015-000 Grease pump **R=60:1**
Art.071-1207-110 Orientable hose reel with 2SC 1/4” hose **10,0 m** length
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0122-015 2SC 1/4” hose – 1.5 m length
Art.014-1081-010 Gun with flexible pipe and fitting with triple-swivelling joint
Art.024-1785-000 Support for picking up drops



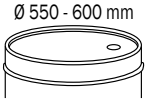
013-1138-000

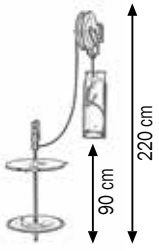
## Art. 013-1139-000

**Wall-fixing grease kit suitable for drums 180–220 Kg**

Composed like Art.013-1138-000 but with:
Art.071-1207-215 Orientable hose reel with 2SC 1/4” hose **15,0 m** length

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1138-000** | 40,860 | 0,151 | 4 |
| **013-1139-000** | 42,700 | 0,151 | 4 |



# WALL-FIXED AIR-OPERATED GREASE KITS FOR DRUMS 50-220 Kg



013-1138-A10

## Art. 013-1138-A10

**Wall-fixing grease kit suitable for drums 180–220 kg**

Composed by:

Art.010-1015-000 Grease pump **R=60:1**

Art.070-1207-110 Hose reel with 2SC 1/4" hose **10,0 m** length

Art.014-1056-030 Lid Ø 600 mm

Art.014-1066-030 Follower plate Ø 590 mm

Art.907-0122-015 2SC 1/4" hose – 1.5 m length

Art.014-1081-010 Gun with flexible pipe and fitting with triple-swivelling joint

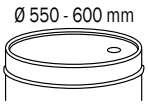
## Art. 013-1138-A15

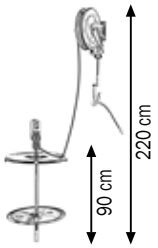
**Wall-fixing grease kit suitable for drums 180–220 kg**

Composed like Art.013-1138-A10 but with:

Art.070-1207-115 Hose reel with 2SC 1/4" hose **15,0 m** length

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1138-A10** | 33,600 | 0,151 | 3 |
| **013-1138-A15** | 38,000 | 0,160 | 3 |






013-1138-C10

## Art. 013-1138-C10

**Wall- fixing grease kit suitable for drums 180–220 kg**

Composed by:

Art.010-1015-000 Grease pump **R=60:1**

Art.074-4507-110 Closed hose reel with 2SC 1/4" hose **10,0 m** length

Art.014-1056-030 Lid Ø 600 mm

Art.014-1066-030 Follower plate Ø 590 mm

Art.907-0122-015 2SC 1/4" hose – 1.5 m length

Art.014-1081-010 Gun with flexible pipe and fitting with triple-swivelling joint

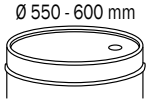
## Art. 013-1138-C15

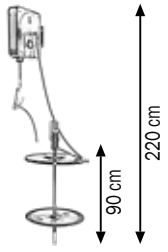
**Wall-fixing grease kit suitable for drums 180–220 Kg**

Composed like Art.013-1138-C10 but with:

Art.074-4507-115 Closed hose reel with 2SC 1/4" hose **15,0 m** length

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-1138-C10** | 42,600 | 0,160 | 3 |
| **013-1138-C15** | 45,600 | 0,160 | 3 |



## Art. 013-1932-010

**Wall-fixing grease kit suitable for drums 180–220 kg**

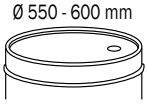
Composed by:
Art.010-1015-000 Grease pump **R=60:1**
Art.023-1905-000 Tank of dump and stocking for 1 drum 180-220 kg
Art.074-4507-110 Closed fixed hose reel with 2SC 1/4" hose **10,0 m** length
Art.014-1056-030 Cover Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0122-015 2SC 1/4" hose – 1.5 m length
Art.014-1081-010 Gun with flexible pipe and fitting with triple-swivelling joint

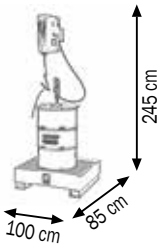
## Art. 013-1932-015

**Wall-fixing grease kit suitable for drums 180–220 kg**

Composed like Art.013-1932-010 but with:
Art.074-4507-115 Closed fixed hose reel with 2SC 1/4" hose **15,0 m** length

| | Kg | m³ | № |
|---|---|---|---|
| **013-1932-010** | 110,000 | 0,570 | 5 |
| **013-1932-015** | 112,000 | 0,570 | 5 |






**013-1932-010**

## Art. 013-1933-010

**Complete installation 1 position for drums 180-220 kg**

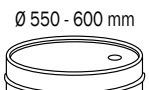
Composed by:
Art.010-1015-000 Grease pump **R=60:1**
Art.023-1925-000 Tank of dump complete with supporting structure for 1 position
Art.074-4507-110 Closed fixed hose reel with 2SC 1/4" hose **10,0 m** length
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-0122-015 2SC 1/4" hose – 1.5 m length
Art.014-1081-010 Gun with flexible pipe and fitting with triple-swivelling joint

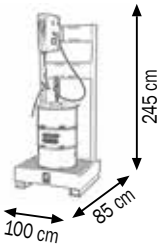
## Art. 013-1933-015

**Complete installation 1 position for drums 180-220 Kg**

Composed like Art.013 1933 010 but with:
Art.074-4507-115 Closed fixed hose reel with 2SC 1/4" hose **15,0 m** length

| | Kg | m³ | № |
|---|---|---|---|
| **013-1933-010** | 140,000 | 0,600 | 5 |
| **013-1933-015** | 142,000 | 0,600 | 5 |






**013-1933-010**

Fix and complete installation that offer an independent working station. They allow an optimal placing in every working environment (factories and repair shops) allowing to operate in a clean and safe way and without wasting of lubricant oils for different uses.

# AIR-OPERATED PUMP KITS FOR GREASE TRANSFER FOR DRUMS 18-220 KG



013-1155-020

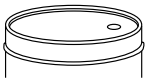
## Art. 013-1155-020

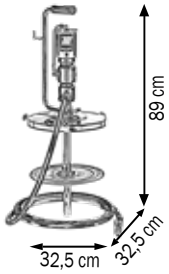
**Grease transfer kit for drums 18-30 kg**

Composed by:
Art.010-1036-000 Air-operated grease pump **R=14:1**
Art.014-1095-000 Handle
Art.014-1051-030 Lid Ø 320 mm
Art.014-1062-030 Follower plate Ø 310 mm
Art.906-0404-040 1SC 1/2'' hose L. 4,0 m
Art.R30-0400-004 Ball valve F-F 1/2"
Art.F96-0100-402 Steel znt nipple M 1/2"BSP-M 1/4"BSP
Art.F96-0500-002 Quick coupler F 1/4"
Art.F96-0502-002 Quick coupler M 1/4"



| | Kg | m³ | № |
|---|---|---|---|
| **013-1155-020** | 10,800 | 0,056 | 1 |






013-1155-050

## Art. 013-1155-050

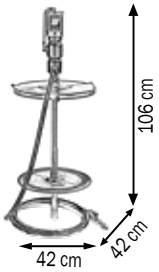
**Grease transfer kit for drums 50-60 kg**

Composed by:
Art.010-1038-000 Air-operated grease pump **R=14:1**
Art.014-1054-030 Lid Ø 420 mm
Art.014-1065-030 Follower plate Ø 400 mm
Art.906-0404-040 1SC 1/2'' hose L. 4,0 m
Art.R30-0400-004 Ball valve F-F 1/2"
Art.F96-0100-402 Steel znt nipple M 1/2"BSP-M 1/4"BSP
Art.F96-0500-002 Quick coupler F 1/4"
Art.F96-0502-002 Quick coupler M 1/4"



| | Kg | m³ | № |
|---|---|---|---|
| **013-1155-050** | 13,000 | 0,079 | 1 |






013-1155-200

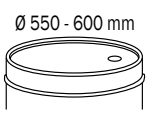
## Art. 013-1155-200

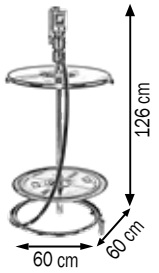
**Grease transfer kit for drums 180-220 kg**

Composed by:
Art.010-1040-000 Air-operated grease pump **R=14:1**
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.906-0404-040 1SC 1/2'' hose L. 4,0 m
Art.R30-0400-004 Ball valve F-F 1/2"
Art.F96-0100-402 Steel znt nipple M 1/2"BSP-M 1/4"BSP
Art.F96-0500-002 Quick coupler F 1/4"
Art.F96-0502-002 Quick coupler M 1/4"



| | Kg | m³ | № |
|---|---|---|---|
| **013-1155-200** | 17,600 | 0,088 | 2 |



# WHEELED AIR-OPERATED PUMP KITS FOR GREASE TRANSFER FOR DRUMS 18-220 KG

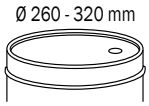
## Art. 013-1160-020

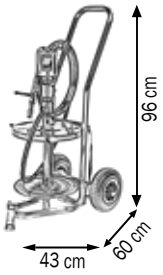
**Grease transfer kit for drums 18-30 kg**

Composed by:
Art.010-1036-000 Air-operated grease pump **R=14:1**
Art.030-1393-000 Trolley with 2 pneumatic wheels
Art.014-1051-030 Lid Ø 320 mm
Art.014-1062-030 Follower plate Ø 310 mm
Art.906-0404-040 1SC 1/2'' hose L. 4,0 m
Art.R30-0400-004 Ball valve F-F 1/2"
Art.F96-0100-402 Steel znt nipple M 1/2"BSP-M 1/4"BSP
Art.F96-0500-002 Quick coupler F 1/4"
Art.F96-0502-002 Quick coupler M 1/4"



| | Kg | m³ | № |
|---|---|---|---|
| **013-1160-020** | 17,700 | 0,056 | 1 |






**013-1160-020**

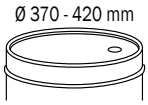
## Art. 013-1160-050

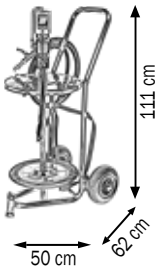
**Grease transfer kit for drums 50-60 kg**

Composed by:
Art.010-1038-000 Air-operated grease pump **R=14:1**
Art.030-1394-000 Trolley with 2 pneumatic wheels
Art.014-1054-030 Lid Ø 420 mm
Art.014-1065-030 Follower plate Ø 400 mm
Art.906-0404-040 1SC 1/2'' hose L. 4,0 m
Art.R30-0400-004 Ball valve F-F 1/2"
Art.F96-0100-402 Steel znt nipple M 1/2"BSP-M 1/4"BSP
Art.F96-0500-002 Quick coupler F 1/4"
Art.F96-0502-002 Quick coupler M 1/4"



| | Kg | m³ | № |
|---|---|---|---|
| **013-1160-050** | 20,000 | 0,079 | 1 |






**013-1160-050**

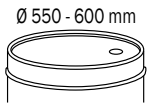
## Art. 013-1160-200

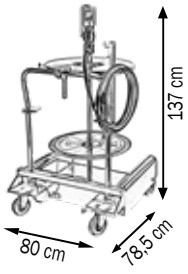
**Grease transfer kit for drums 180-220 kg**

Composed by:
Art.010-1040-000 Air-operated grease pump **R=14:1**
Art.030-1400-000 Trolley with 4 wheels
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.906-0404-040 1SC 1/2'' hose L. 4,0 m
Art.R30-0400-004 Ball valve F-F 1/2"
Art.F96-0100-402 Steel znt nipple M 1/2"BSP-M 1/4"BSP
Art.F96-0500-002 Quick coupler F 1/4"
Art.F96-0502-002 Quick coupler M 1/4"



| | Kg | m³ | № |
|---|---|---|---|
| **013-1160-200** | 54,900 | 0,200 | 2 |






**013-1160-200**

# AIR-OPERATED GREASE SPRAYER KITS FOR DRUMS 18-220 KG



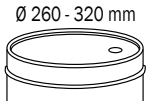
013-2000-020

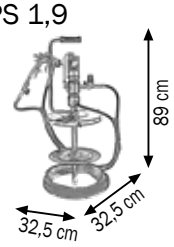
## Art. 013-2000-020

**Grease sprayer kit for drums 18–30 Kg**

Composed by:
Art.010-1005-000 Air-operated grease pump **R=60:1**
Art.014-2170-000 Pressure regulator with connections
Art.014-1095-000 Handle
Art.014-1051-030 Lid Ø 320 mm
Art.014-1062-030 Follower plate Ø 310 mm
Art.907-K122-050 Rubber hoses kit 2SC 1/4”+R6 5/16”with protection l 5,0 m
Art.014-2150-022 Grease spray gun F/160 SP HPS 2,2
Art.014-2160-K19 Nozzles kit for grease spray gun HPS 1,9

| | Kg | m³ | № |
|---|---|---|---|
| **013-2000-020** | 12,400 | 0,056 | 1 |






013-2000-050

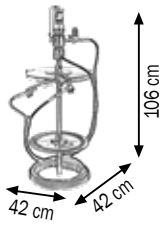
## Art. 013-2000-050

**Grease sprayer kit for drums 50–60 kg**

Composed by:
Art.010-1010-000 Air-operated grease pump **R=60:1**
Art.014-2170-000 Pressure regulator with connections
Art.014-1054-030 Lid Ø 420 mm
Art.014-1065-030 Follower plate Ø 400 mm
Art.907-K122-050 Rubber hoses kit 2SC 1/4”+R6 5/16”with protection l 5,0 m
AArt.014-2150-022 Grease spray gun F/160 SP HPS 2,2
Art.014-2160-K19 Nozzles kit for grease spray gun HPS 1,9

| | Kg | m³ | № |
|---|---|---|---|
| **013-2000-050** | 15,000 | 0,079 | 1 |





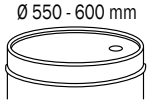

013-2000-200

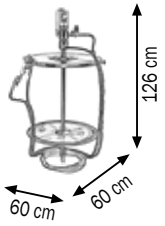
## Art. 013-2000-200

**Grease sprayer kit for drums 180–220 Kg**

Composed by:
Art.010-1015-000 Air-operated grease pump **R=60:1**
Art.014-2170-000 Pressure regulator with connections
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-K122-050 Rubber hoses kit 2SC 1/4”+R6 5/16”with protection l 5,0 m
Art.014-2150-022 Grease spray gun F/160 SP HPS 2,2
Art.014-2160-K19 Nozzles kit for grease spray gun HPS 1,9

| | Kg | m³ | № |
|---|---|---|---|
| **013-2000-200** | 19,900 | 0,088 | 2 |




This equipment offers the possibility to spray-nebulize the grease to facilitate the application on big surfaces as a protection. It is used in the following fields: naval, industrial, construction.
This equipment uses an innovative technology that combines the high pressure of the pump and the gun that nebulizes grease with viscosity up to NLGI 2.

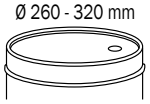
# WHEELED AIR-OPERATED GREASE SPRAYER KITS FOR DRUMS 18-220 KG

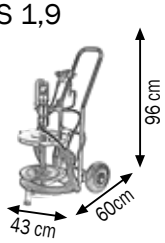
## Art. 013-2010-020

**Grease sprayer kit for drums 18–30 Kg**

Composed by:
Art.010-1005-000 Air-operated grease pump **R=60:1**
Art.014-2170-000 Pressure regulator with connections
Art.030-1393-000 Trolley with 2 pneumatic wheels
Art.014-1051-030 Lid Ø 320 mm
Art.014-1062-030 Follower plate Ø 310 mm
Art.907-K122-050 Rubber hoses kit 2SC 1/4”+R6 5/16”with protection l5,0 m
Art.014-2150-022 Grease spray gun F/160 SP HPS 2,2
Art.014-2160-K19 Nozzles kit for grease spray gun HPS 1,9

| | Kg | m³ | № |
|---|---|---|---|
| **013-2010-020** | 20,100 | 0,056 | 1 |





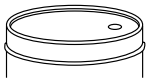

**013-2010-020**

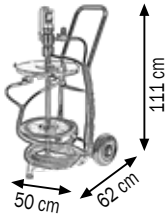
## Art. 013-2010-050

**Grease sprayer kit for drums 50–60 kg**

Composed by:
Art.010-1010-000 Air-operated grease pump **R=60:1**
Art.014-2170-000 Pressure regulator with connections
Art.030-1394-000 Trolley with 2 pneumatic wheels
Art.014-1054-030 Lid Ø 420 mm
Art.014-1065-030 Follower plate Ø 400 mm
Art.907-K122-050 Rubber hoses kit 2SC 1/4”+R6 5/16”with protection l5,0 m
Art.014-2150-022 Grease spray gun F/160 SP HPS 2,2
Art.014-2160-K19 Nozzles kit for grease spray gun HPS 1,9

| | Kg | m³ | № |
|---|---|---|---|
| **013-2010-050** | 22,800 | 0,079 | 1 |





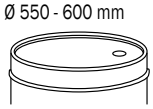

**013-2010-050**

## Art. 013-2010-200

**Grease sprayer kit for drums 180–220 kg**

Composed by:
Art.010-1015-000 Air-operated grease pump **R=60:1**
Art.014-2170-000 Pressure regulator with connections
Art.030-1400-000 4-wheels trolley
Art.014-1056-030 Lid Ø 600 mm
Art.014-1066-030 Follower plate Ø 590 mm
Art.907-K122-050 Rubber hoses kit 2SC 1/4”+R6 5/16”with protection l 5,0 m
Art.014-2150-022 Grease spray gun F/160 SP HPS 2,2
Art.014-2160-K19 Nozzles kit for grease spray gun HPS 1,9

| | Kg | m³ | № |
|---|---|---|---|
| **013-2010-200** | 57,200 | 0,200 | 2 |









**013-2010-200**

This equipment offers the possibility to spray-nebulize the grease to facilitate the application on big surfaces as a protection. It is used in the following fields: naval, industrial, construction.
This equipment uses an innovative technology that combines the high pressure of the pump and the gun that nebulizes grease with viscosity up to NLGI 2.



014-2150-022

**Art. 014-2150-022**
Grease spray gun F/160 SP HPS 2,2
This spray gun has been specifically designed to spray grease with viscosity up to NLGI 2.
The air and grease volumes and be individually adjusted
The maximum air pressure is of 4 bar
The maximum grease pressure is of 250 bar



014-2160-K19

**Art. 014-2160-K19**
Nozzles kit for grease spray gun HPS 1,9



014-2160-K22

**Art. 014-2160-K22**
Nozzles kit for grease spray gun HPS 2,2



014-2160-K25

**Art. 014-2160-K25**
Nozzles kit for grease spray gun HPS 2,5



907-K122-050

**Art. 907-K122-050**
Rubber hoses kit 2SC 1/4 – R6 5/16 l 5,0 m



907-K122-100

**Art. 907-K122-100**
Rubber hoses kit 2SC 1/4 – R6 5/16 l 10,0 m

Composed by 1 high pressure grease hose and 1 hose R6 for air, both hoses are protected by the same reinforced case.



014-2170-000

**Art. 014-2170-000**
Pressure regulator with connections for MEC SPRAY
Maximum pressure: 4 bar

## LIDS FOR PUMPS WITH SHANK Ø 30 mm

| Article | Ø Lid | For drums | outside Ø |
|---|---|---|---|
| 014-1049-030 | 225 mm | 5 Kg | 200 - 225 mm |
| 014-1050-030 | 280 mm | 12 - 16 Kg | 240 - 280 mm |
| 014-1051-030 | 320 mm | 18 - 30 Kg | 260 - 320 mm |
| 014-1052-030 | 350 mm | 20 - 30 Kg | 300 - 350 mm |
| 014-1053-030 | 395 mm | 30 - 50 Kg | 340 - 395 mm |
| 014-1054-030 | 420 mm | 50 - 60 Kg | 370 - 420 mm |
| 014-1056-030 | 600 mm | 180 - 220 Kg | 550 - 600 mm |



## LID FOR PUMPS WITH SHANK Ø 30 mm FOR PLASTIC DRUMS

| | | | |
|---|---|---|---|
| 014-1051-S30 | 320 mm | 18 - 30 Kg | 260 - 320 mm |

The lids are available in different diameters to fit drums from 5 to 220 kg. A handle provides an easy fit to the drum. It keeps the pump in vertical position in order to assure a perfect working.

## FOLLOWER PLATES FOR PUMPS WITH SHANK Ø 30 mm

| Article | Ø Follower Plates | For drums | inside Ø |
|---|---|---|---|
| 014-1059-030 | 220 mm | 5 Kg | 195 - 210 mm |
| 014-1060-030 | 265 mm | 12 - 16 Kg | 240 - 260 mm |
| 014-1061-030 | 290 mm | 16 - 20 Kg | 250 - 280 mm |
| 014-1062-030 | 310 mm | 18 - 30 Kg | 270 - 300 mm |
| 014-1063-030 | 340 mm | 20 - 30 Kg | 300 - 330 mm |
| 014-1064-030 | 375 mm | 30 - 50 Kg | 335 - 360 mm |
| 014-1065-030 | 400 mm | 50 - 60 Kg | 360 - 400 mm |
| 014-1066-030 | 590 mm | 180 - 220 Kg | 540 - 580 mm |



It is advisable to use always the follower plate, it is very important when the temperature is low and when high viscosity grease is used. Because of the depression created by the pump, the plate is attracted towards the bottom of the drum by atmospheric pressure. It pushes the grease into the pump and avoids air cavities. It also removes the grease remaining on the walls, down to the bottom of the drums.

**Art. 014-1095-000**
**Handle for grease pumps kits**
It has to be applied on the bushing of the lids



014-1095-000



014-1079-000

**Art. 014-1079-000**
**Grease control gun without pipe and coupling**
Inlet **F 1/4”**



014-1080-000

**Art. 014-1080-000**
**Grease control gun with flexible hose and 4-jaws coupling**
Length flexible hose: 400 mm
Thread inlet **F 1/4”**



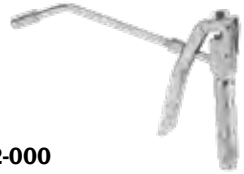
014-1081-000

**Art. 014-1081-000**
**Grease control gun with flexible hose and 4-jaws coupling**
Length flexible hose: 400 mm
Swivelling joint **F 1/4”**



014-1081-010

**Art. 014-1081-010**
**Grease control gun with flexible hose and 4-jaws coupling**
Length flexible hose: 400 mm
Triple-swivelling joint **F 1/4”**



014-1082-000

**Art. 014-1082-000**
**Grease control gun with rigid pipe and 4-jaws coupling**
Length rigid pipe: 200 mm
Swivelling joint **F 1/4”**



014-1083-000

**Art. 014-1083-000**
**Grease control gun with rigid pipe and 4-jaws coupling**
Length rigid pipe: 200 mm
Swivelling joint **F 1/4”**



014-1083-010

**Art. 014-1083-010**
**Grease control gun with rigid pipe and 4-jaws coupling**
Length rigid pipe: 200 mm
Triple-swivelling joint **F 1/4”**

All grease guns are supplied for the connection of the swivelling joint Art.014-1091-000 or the triple-swivelling joint Art.014-1090-000

# GREASE NOZZLES FOR AIR-OPERATED INDUSTRIAL PUMPS

**Art. 014-1079-003**
**Grease control gun without pipe and coupling**
Inlet **F 3/8”**



**014-1079-003**

**Art. 014-1080-003**
**Grease control gun with flexible hose and 4-jaws coupling**
Length flexible hose: 400 mm
Thread inlet **F 3/8”**



**014-1080-003**

**Art. 014-1081-003**
**Grease control gun with flexible hose and 4-jaws coupling**
Length flexible hose: 400 mm
Swivelling joint **F 3/8”**



**014-1081-003**

**Art. 014-1081-013**
**Grease control gun with flexible hose and 4-jaws coupling**
Length flexible hose: 400 mm
Triple-swivelling joint **F 3/8”**



**014-1081-013**

**Art. 014-1082-003**
**Grease control gun with rigid pipe and 4-jaws coupling**
Length rigid pipe: 200 mm
Swivelling joint **F 3/8”**



**014-1082-003**

**Art. 014-1083-003**
**Grease control gun with rigid pipe and 4-jaws coupling**
Length rigid pipe: 200 mm
Swivelling joint **F 3/8”**



**014-1083-003**

**Art. 014-1083-013**
**Grease control gun with rigid pipe and 4-jaws coupling**
Length rigid pipe: 200 mm
Triple-swivelling joint **F 3/8”**



**014-1083-013**

All grease guns are supplied for the connection of the swivelling joint Art.014-1091-003 or the triple-swivelling joint Art.014-1090-003

# GREASE NOZZLES FOR AIR-OPERATED PUMPS



014-1081-S10

**Art. 014-1081-S10**
**Gun with lever protection, flexible hose and 4-jaws coupling**
Flexible hose lenght: 400 mm
Triple-swivelling joint **F 1/4”**



014-1081-S13

**Art. 014-1081-S13**
**Gun with lever protection, flexible hose and 4-jaws coupling**
Flexible hose lenght: 400mm
Triple-swivelling joint **F 3/8”**



014-1083-S10

**Art. 014-1083-S10**
**Gun with lever protection, rigid hose and 4-jaws coupling**
Rigid hose lenght: 200 mm
Triple-swivelling joint **F 1/4’’**



014-1083-S13

**Art. 014-1083-S13**
**Gun with lever protection, rigid hose and 4-jaws coupling**
Rigid hose lenght: 200 mm
Triple-swivelling joint **F 3/8”**



014-1090-000

**Art. 014-1090-000**
**Triple-swivelling joint M-F 1/4 “**

**Art. 014-1090-003**
**Triple-swivelling joint M-F 3/8 “**



014-1091-000

**Art. 014-1091-000**
**Straight swivelling joint M-F 1/4 “**

**Art. 014-1091-003**
**Straight swivelling joint M-F 3/8 “**



014-1085-000

**Art. 014-1085-000**
**Flexible hose lenght 400 mm**
Thread M 10x1 mm



014-1086-000

**Art. 014-1086-000**
**Rigid hose lenght 200 mm**
Thread M 10x1 mm

# DIGITAL GREASE METER AND AIR-OPERATED GREASE NOZZLES

## Art. 014-1084-000
**Grease digital meter K200**

Equipped with two displays, one is for batch counting (can be put to zero) and the other one for total volumes (cannot be put to zero) of the dispensed grease.



**014-1084-000**

## Art. 014-1084-010
**Grease digital meter K200 HP PULSER**



**014-1084-010**

## Art. 014-1084-100
**Grease digital meter nozzle**

Composed by:
Digital meter 4 digits
Triple-swivelling joint
Rigid end + 4-jaws coupling
Not approved for public use

| Technical data | | 014-1084-000 | 014-1084-010 | 014-1084-100 |
|---|---|---|---|---|
| Flow rate | gpm | 0,003-0,66 | 0,003-0,66 | 0,003-0,66 |
| Inlet connection | BSP | F 1/8"G | F 1/8"G | F 1/4"G |
| Outlet connection | BSP | F 1/8"G | F 1/8"G | F 10X1 |
| Max working pressure | bar | 500 | 500 | 500 |
| Burst pressure | bar | 1000 | 1000 | 1000 |
| Batch meter | cifre | 4 | - | 4 |
| Totalizing meter in kg | cifre | 4 | - | 4 |
| Working temperature | max C° | 60° | 60° | 60° |
| Battery life | mesi | 24 | 24 | 24 |



**014-1084-100**

## Art. 014-1042-000
**Pneumatic nozzle for grease R=50:1**
**500 cc with rigid pipe and jaws coupling**

Suitable for Ø 52 mm 400 g cartridge
It is suitable for the distribution at high pressure of all kinds of grease.
The operating pressure for the grease pumps
may vary between a minimum of 3.5 bar and a maximum of 8.5 bar

| Technical data | | 014-1042-000 |
|---|---|---|
| Flow rate | g/ciclo | 0,68 |
| Compression ratio | bar | 50:1 |
| Air consumption | l/min | 130 |
| Air inlet connection | BSP | F 1/4"G |
| Grease outlet connection | M | F 10x1 |
| Grease delivery capacity 6 bar | g/min | 1500 |
| Noise level | dB | 80 |
| Tank capacity | g | 500 |
| Inside diameter of chamber | mm | 54 |
| For cartridge ø 52mm | g | 400 |



**014-1042-000**


014-1088-000

## Art. 014-1088-000

**“PROFI” coupling with 4-jaws hardened case**
M 10x1 mm thread


014-1088-A00

## Art. 014-1088-A00

**4-jaws coupling 10x1 mm 90°**
M 10x1 mm thread


014-1089-000

## Art. 014-1089-000

**Grease pull-coupling for hexagonal heads 15 mm**
M 10x1 mm thread


014-1089-A00

## Art. 014-1089-A00

**Grease push-coupling for hexagonal heads 15 mm**
M 10x1 mm thread


014-1089-B00

## Art. 014-1089-B00

**Giant grease pull-coupling for hexagonal heads 22 mm**
M 10x1 mm thread



### Female quick couplers

| Article | Inlet | Pressure | Flow rate | Iso |
|---|---|---|---|---|
| F96-0500-002 | F 1/4” | 350 bar | 7,2 l/min | 7241-A |
| F96-0500-003 | F 3/8” | 315 bar | 21 l/min | 7241-A |
| F96-0500-004 | F 1/2” | 250 bar | 41 l/min | 7241-A |



### Male quick couplers

| Article | Inlet | Pressure | Flow rate | Iso |
|---|---|---|---|---|
| F96-0502-002 | F 1/4” | 350 bar | 7,2 l/min | 7241-A |
| F96-0502-003 | F 3/8” | 315 bar | 21 l/min | 7241-A |
| F96-0502-004 | F 1/2” | 250 bar | 41 l/min | 7241-A |



### Galvanized steel nipples

| Article | Inlet | Pressure | Iso |
|---|---|---|---|
| F96-0100-202 | 1/4”BSP-1/4”BSP | 1000 bar | 8434-6 |
| F96-0100-303 | 3/8”BSP-3/8”BSP | 1000 bar | 8434-6 |
| F96-0100-404 | 1/2”BSP-1/2”BSP | 1000 bar | 8434-6 |
| F96-0100-302 | 3/8”BSP-1/4”BSP | 1000 bar | 8434-6 |
| F96-0100-403 | 1/2”BSP-3/8”BSP | 1000 bar | 8434-6 |
| F96-0100-402 | 1/2”BSP-1/4”BSP | 1000 bar | 8434-6 |



| | | | |
|---|---|---|---|
| F96-0110-202 | 1/4”BSP-1/4”NPTF | 1000 bar | 8434-6 |
| F96-0110-303 | 3/8”BSP-3/8”NPTF | 1000 bar | 8434-6 |
| F96-0110-404 | 1/2”BSP-1/2”NPTF | 1000 bar | 8434-6 |
| F96-0110-302 | 3/8”NPTF-1/4”BSP | 1000 bar | 8434-6 |
| F96-0110-403 | 1/2”BSP-3/8”NPTF | 1000 bar | 8434-6 |

# GREASE HYDRAULIC SAFETY COUPLER “Meclube-Lock”

## Art. 014-1087-032

**Quick coupler Meclube-Lock**
With hardened 4-jaws made of tool steel
With high performance hydraulic-gasket
Uncoupling over 600 bar is possible
Swivelling joint with thread M 10x1 mm
Coupler lenght 32 mm
**Supplied in blister packaging**



**014-1087-032**

## Art. 014-1087-081

**Quick coupler Meclube-Lock-L**
With hardened 4-jaws made of tool steel
With high performance hydraulic-gasket
Uncoupling over 600 bar is possible
Swivelling joint with thread M 10x1 mm
Coupler lenght 81 mm
**Supplied in blister packaging**



**014-1087-081**

## THE ADVANTAGES OF THE Meclube-Lock COUPLER

**1. Simple activation**
To activate the coupler you only have to press the lever with the thumb and insert it on the grease gun.
The hardened 4-jaws maintain the coupler firmly inserted.




**2. Simple release**
After you have finished the greasing process, you have to press the lever with the thumb to pull out the coupler from the grease gun.




**3. Free hands**
Once you have activated the coupler, it remains firmly inserted so there is no need to keep it fixed. Its extreme stability allows you to complete the operation with free hands.




**4. Universality**
Its special design allows to use it with all the grease guns configurations: SAE, DIN, BS, etc.

## Art. 014-1087-000

**Meclube-Lock display box**
Composed bay:
30 pcs quick couplers Meclube-Lock length 32mm
**Supplied in blister packaging**


**014-1087-000**

# INDUSTRIAL AIR -OPERATED PUMPS

Meclube brand-new **patented** industrial pumps, fully designed and manufactured by Meclube, have remarkable practical features assuring high performances, both for what concerns the quantity and the use at high pressure. The technical quality, the choice of materials and the treatments of tempering and grinding result in the reduction of wear and make these pumps suitable to work reliablly in the worst environmental conditions.



- **Brand new fully air-operated motion reverse device, without cams and springs.**
  **It has been internally improved to reduce to the minimum the reversal time and to improve the supply of the fluid.**
- **Reduced number of wearing parts**
- **The double effect shank grants a higher quantity of delivered grease with constant and continuous flow**
- **High pressure during the functioning, with constant power on all the motion path**
- **The body of the pump is in steel fusion with high silicon level, with electrolytic nickel treatment and chromium plating that ensures high resistance to corrosive agents.**
- **Elements that undergo big stress are in steel 18 NiCrMo 6 and afterwards they are treated and rebored to grant the robustness and minimum frictions.**
- **The pump has a modular structure of high robustness, suitable for heavy duty usages.**



# INDUSTRIAL AIR-OPERATED PUMPS FOR GREASE AND VISCOUS MATERIALS Mod.920 FLANGED

**COMPRESSION RATIO R=20:1 DELIVERY= 12000 g/min**

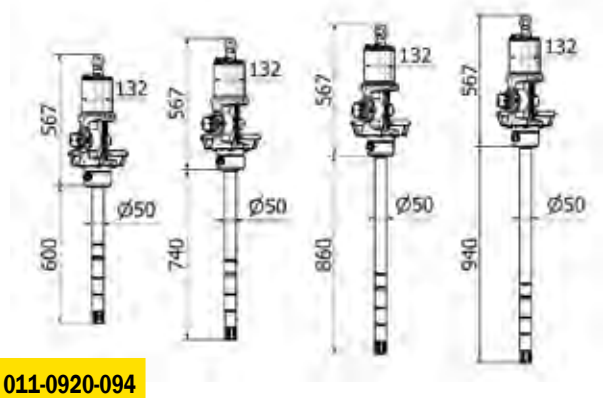
### Art. 011-0920-060
**Air-operated industrial pump for grease R=20:1**
**Mod. 920 flanged double-effect**
For drums **18-30 kg** and tanks (shank lenght 600 mm)
**Polyurethane** seals
For high viscosity grease and oils

### Art. 011-0920-074
**Air-operated industrial pump for grease R=20:1**
**Mod. 920 flanged double-effect**
For drums **50-60 kg** (shank lenght 740 mm)
**Polyurethane** seals
For high viscosity grease and oils

### Art. 011-0920-086
**Air-operated industrial pump for grease R=20:1**
**Mod. 920 flanged double-effect**
For tanks (shank lenght 860 mm)
**Polyurethane** seals
For high viscosity grease and oils

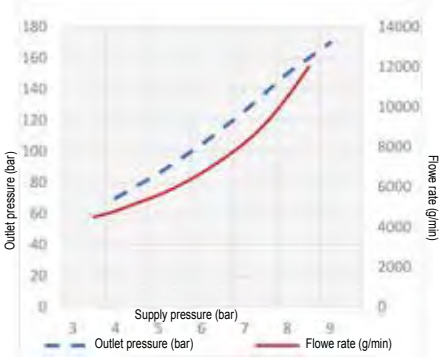
### Art. 011-0920-094
**Air-operated industrial pump for grease R=20:1**
**Mod. 920 flanged double-effect**
For drums **180-220 kg** (shank lenght 940 mm)
**Polyurethane** seals
For high viscosity grease and oils




| | Kg | m³ | № |
|---|---|---|---|
| **011-0920-060** | 23,100 | 0,110 | 1 |
| **011-0920-074** | 25,000 | 0,150 | 1 |
| **011-0920-086** | 26,400 | 0,150 | 1 |
| **011-0920-094** | 27,400 | 0,150 | 1 |

| **Technical Data** | | **011-0920-060** | **011-0920-074** | **011-0920-086** | **011-0920-094** |
|---|---|---|---|---|---|
| Compression ratio | | 20:1 | 20:1 | 20:1 | 20:1 |
| Max supply pressure | bar | 8 | 8 | 8 | 8 |
| Air consumption 8 bar | m³/min | 1,75 | 1,75 | 1,75 | 1,75 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G | F 1/2" G |
| Grease outlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G | F 1/2" G |
| Grease delivery capacity 8 bar | g/min | 12000 | 12000 | 12000 | 12000 |
| Noise | dB | 80 | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 | 50 |
| Shank length | mm | 600 | 740 | 860 | 940 |
| For drums with capacity of | kg | 18-30 | 50-60 | TANK | 180-220 |




(GREASE NLGI 1 20° C)

Suitable for high pressure transfer of high viscosity grease (maximum NLGI 3) over short and long distances. The double effect grants the supply of a constant and continuous flow. They are suitable for central distribution plants with multiple distribution points. The operating pressure of the pumps may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the efficiency and the life in time of our air operated pumps Meclube recommends to use filtered and lubricated air.

# INDUSTRIAL AIR-OPERATED PUMPS FOR GREASE AND VISCOUS MATERIALS Mod. 950 FLANGED

**COMPRESSION RATIO=50:1** **DELIVERY = 6800 g/min**




## Art. 011-0950-050

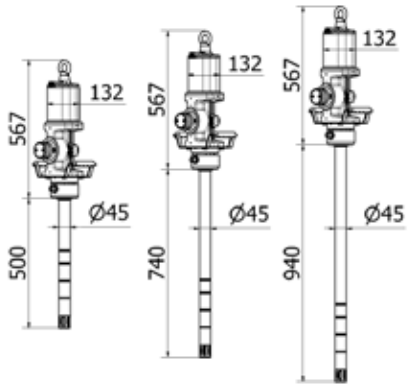
**Air-operated industrial pump for grease R=50:1**
**Mod. 950 flanged double effect**
For drums **18-30 kg** and tanks (shank lenght 500 mm)
**Polyurethane** seals
For high viscosity grease and oils

## Art. 011-0950-074

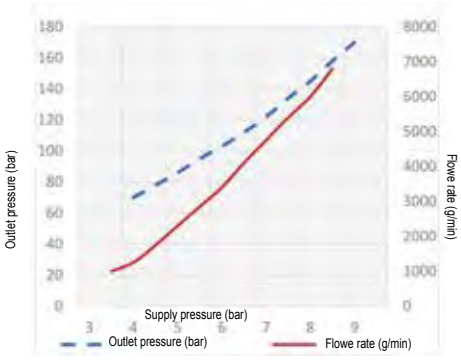
**Air-operated industrial pump for grease R=50:1**
**Mod. 950 flanged double effect**
For drums **50-60 kg** (shank length 740 mm)
**Polyurethane** seals
For high viscosity grease and oils

## Art. 011-0950-094

**Air-operated industrial pump for grease R=50:1**
**Mod. 950 flanged double effect**
For drums **180-220 kg** (shank length 940 mm)
**Polyurethane** seals
For high viscosity grease and oils




| | Kg | m³ | № |
|---|---|---|---|
| **011-0950-050** | 21,500 | 0,110 | 1 |
| **011-0950-074** | 27,300 | 0,150 | 1 |
| **011-0950-094** | 29,000 | 0,150 | 1 |




(GREASE NLGI 1 20° C)

| Technical Data | | 011-0950-050 | 011-0950-074 | 011-0950-094 |
|---|---|---|---|---|
| Compression ratio | | 50:1 | 50:1 | 50:1 |
| Max supply pressure | bar | 8 | 8 | 8 |
| Air consumption 8 bar | m³/min | 1,75 | 1,75 | 1,75 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Grease outlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Grease delivery capacity 8 bar | g/min | 6800 | 6800 | 6800 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 45 | 45 | 45 |
| Shank length | mm | 500 | 740 | 940 |
| For drums with capacity of | kg | 18-30 | 50-60 | 180-220 |

Suitable for high pressure transfer of high viscosity grease (maximum NLGI 3) over short and long distances. The double effect grants the supply of a constant and continuous flow. They are suitable for central distribution plants with multiple distribution points. The operating pressure of the pumps may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the efficiency and the life in time of our air operated pumps Meclube recommends to use filtered and lubricated air.

# INDUSTRIAL AIR-OPERATED PUMPS FOR GREASE AND VISCOUS MATERIALS Mod. 1240 FLANGED

**COMPRESSION RATIO=40:1 DELIVERY= 10000 g/min**

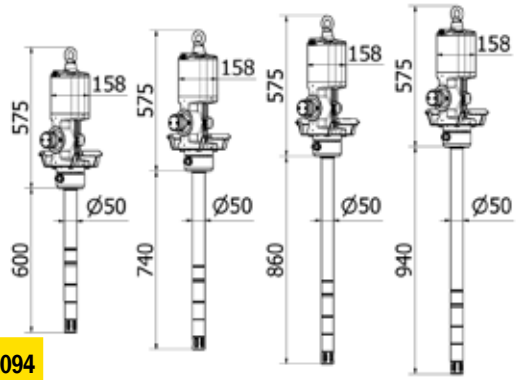
### Art. 011-1240-060
**Air-operated industrial pump for grease R=40:1**
**Mod. 1240 flanged double-effect**
For drums **18-30 kg** and tanks (shank lenght 600 mm)
**Polyurethane** seals
For high viscosity grease and oils

### Art. 011-1240-074
**Air-operated industrial pump for grease R=40:1**
**Mod. 1240 flanged double-effect**
For drums **50-60 kg** (shank lenght 740 mm)
**Polyurethane** seals
For high viscosity grease and oils

### Art. 011-1240-086
**Air-operated industrial pump for grease R=40:1**
**Mod. 1240 flanged double-effect**
For tanks (shank lenght 860 mm)
**Polyurethane** seals
For high viscosity grease and oils

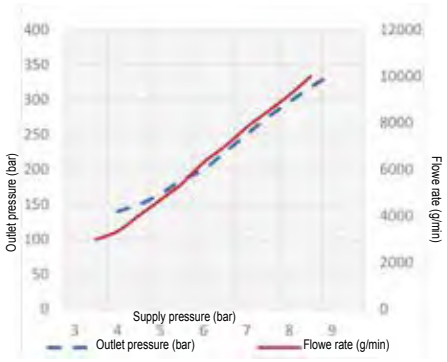
### Art. 011-1240-094
**Air-operated industrial pump for grease R=40:1**
**Mod. 1240 flanged double-effect**
For drums **180-220 kg** (shank lenght 940 mm)
**Polyurethane** seals
For high viscosity grease and oils




| | Kg | m³ | Nº |
|---|---|---|---|
| **011-1240-060** | 24,500 | 0,110 | 1 |
| **011-1240-074** | 26,300 | 0,150 | 1 |
| **011-1240-086** | 31,400 | 0,150 | 1 |
| **011-1240-094** | 32,400 | 0,150 | 1 |

| **Technical Data** | | **011-1240-060** | **011-1240-074** | **011-1240-086** | **011-1240-094** |
|---|---|---|---|---|---|
| Compression ratio | | 40:1 | 40:1 | 40:1 | 40:1 |
| Max supply pressure | bar | 8 | 8 | 8 | 8 |
| Air consumption 8 bar | m³/min | 2,90 | 2,90 | 2,90 | 2,90 |
| Air inlet connection | BSP | F 1/2"G | F 1/2"G | F 1/2"G | F 1/2"G |
| Grease outlet connection | BSP | F 1/2"G | F 1/2"G | F 1/2"G | F 1/2"G |
| Grease delivery capacity 8 bar | g/min | 10000 | 10000 | 10000 | 10000 |
| Noise | dB | 80 | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 | 50 |
| Shank length | mm | 600 | 740 | 860 | 940 |
| For drums with capacity of | kg | 18-30 | 50-60 | TANK | 180-220 |




(GREASE NLGI 1 20° C)

Suitable for high pressure transfer of high viscosity grease (maximum NLGI 3) over short and long distances. The double effect grants the supply of a constant and continuous flow. They are suitable for central distribution plants with multiple distribution points. The operating pressure of the pumps may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the efficiency and the life in time of our air operated pumps Meclube recommends to use filtered and lubricated air.

# INDUSTRIAL AIR-OPERATED PUMPS FOR GREASE AND VISCOUS MATERIALS Mod. 1270 FLANGED

**COMPRESSION RATIO R=70:1** **DELIVERY = 6000 g/min**




## Art. 011-1270-050

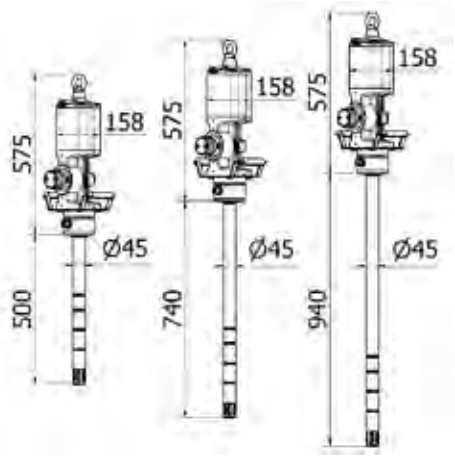
**Air-operated industrial pump for grease R=70:1**
**Mod. 1270 flanged double effect**
For drums **18-30 kg** and tanks (shank lenght 500 mm)
**Polyurethane** seals
For high viscosity grease and oil

## Art. 011-1270-074

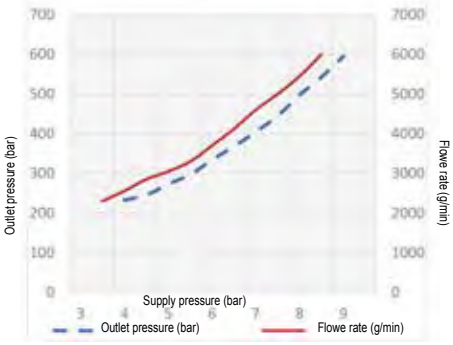
**Air-operated industrial pump for grease R=70:1**
**Mod. 1270 flanged double effect**
For drums of **50-60 kg** (shank length 740 mm)
**Polyurethane** seals
For high viscosity grease and oil

## Art. 011-1270-094

**Air-operated industrial pump for grease R=70:1**
**Mod. 1270 flanged double effect**
For drums of **180-220 kg** (shank length 940 mm)
**Polyurethane** seals
For high viscosity grease and oil




| | Kg | m³ | |
|---|---|---|---|
| **011-1270-050** | 22,900 | 0,110 | 1 |
| **011-1270-074** | 28,500 | 0,150 | 1 |
| **011-1270-094** | 30,200 | 0,150 | 1 |




(GREASE NLGI 1 20° C)

| Technical data | | 011-1270-050 | 011-1270-074 | 011-1270-094 |
|---|---|---|---|---|
| Compression ratio | | 70:1 | 70:1 | 70:1 |
| Max supply pressure | bar | 8 | 8 | 8 |
| Air consumption 8 bar | m³/min | 2,90 | 2,90 | 2,90 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Grease outlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Grease delivery capacity 8 bar | g/min | 6000 | 6000 | 6000 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 45 | 45 | 45 |
| Shank length | mm | 500 | 740 | 940 |
| For drums with capacity of | kg | TANK | 50-60 | 180-220 |

Suitable for high pressure transfer of high viscosity grease (maximum NLGI 3) over short and long distances. The double effect grants the supply of a constant and continuous flow. They are suitable for central distribution plants with multiple distribution points. The operating pressure of the pumps may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the efficiency and the life in time of our air operated pumps Meclube recommends to use filtered and lubricated air.

# INDUSTRIAL AIR-OPERATED PUMPS FOR GREASE AND VISCOUS MATERIALS Mod. 1575 FLANGED

**COMPRESSION RATIO=75:1 DELIVERY= 8000 g/min**

## Art. 011-1575-060

**Air-operated industrial pump for grease R=75:1**
**Mod. 1575 flanged double-effect**
For drums **18-30 kg** and tanks (shank lenght 600 mm)
**Polyurethane** seals
For high viscosity grease and oils

## Art. 011-1575-074

**Air-operated industrial pump for grease R=75:1**
**Mod. 1575 flanged double-effect**
For drums **50-60 kg** (shank lenght 740 mm)
**Polyurethane** seals
For high viscosity grease and oils

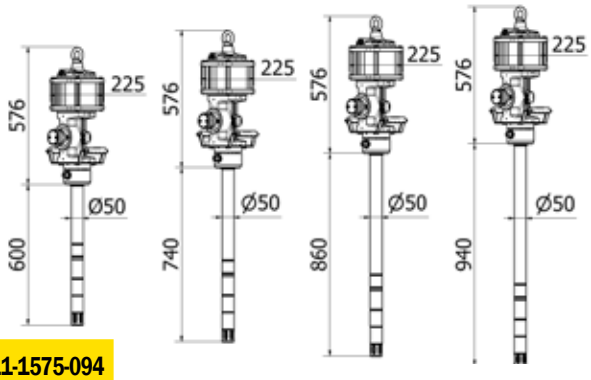
## Art. 011-1575-086

**Air-operated industrial pump for grease R=75:1**
**Mod. 1575 flanged double-effect**
For tanks (shank lenght 860 mm)
**Polyurethane** seals
For high viscosity grease and oils

## Art. 011-1575-094

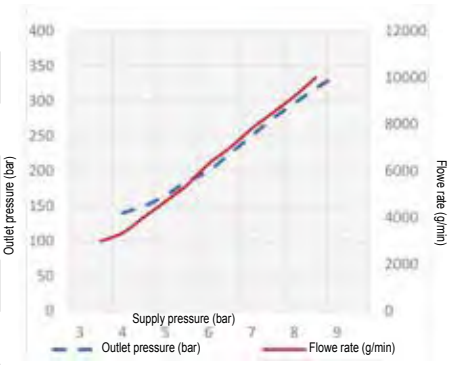
**Air-operated industrial pump for grease R=75:1**
**Mod. 1575 flanged double-effect**
For drums **180-220 kg** (shank lenght 940 mm)
**Polyurethane** seals
For high viscosity grease and oils




| | Kg | m³ | № |
|---|---|---|---|
| **011-1575-060** | 28,100 | 0,110 | 1 |
| **011-1575-074** | 30,500 | 0,150 | 1 |
| **011-1575-086** | 32,100 | 0,150 | 1 |
| **011-1575-094** | 33,000 | 0,150 | 1 |

| **Technical Data** | | **011-1575-060** | **011-1575-074** | **011-1575-086** | **011-1575-094** |
|---|---|---|---|---|---|
| Compression ratio | | 75:1 | 75:1 | 75:1 | 75:1 |
| Max supply pressure | bar | 8 | 8 | 8 | 8 |
| Air consumption 8 bar | m³/min | 2,90 | 2,90 | 2,90 | 2,90 |
| Air inlet connection | BSP | F 1/2"G | F 1/2"G | F 1/2"G | F 1/2"G |
| Grease outlet connection | BSP | F 1/2"G | F 1/2"G | F 1/2"G | F 1/2"G |
| Grease delivery capacity 8 bar | g/min | 8000 | 8000 | 8000 | 8000 |
| Noise | dB | 80 | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 | 50 |
| Shank length | mm | 600 | 740 | 860 | 940 |
| For drums with capacity of | kg | 18-30 | 50-60 | TANK | 180-220 |




(GREASE NLGI 1 20° C)

Suitable for high pressure transfer of high viscosity grease (maximum NLGI 3) over short and long distances. The double effect grants the supply of a constant and continuous flow. They are suitable for central distribution plants with multiple distribution points. The operating pressure of the pumps may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the efficiency and the life in time of our air operated pumps Meclube recommends to use filtered and lubricated air.

# FRAME-LIFTER PRESS FOR GREASE AND HIGH VISCOSITY FLUIDS PUMPS



# INDUSTRIAL AIR-OPERATED GREASE PUMPS FOR FRAME-LIFTER PRESS

**Art. 011-0920-P60**
**Air-operated industrial pump for grease R=20:1**
**Mod. 920P flanged double-effect**
For frame lifter press (shank lenght 600 mm)
**Polyurethane** seals
For high viscosity grease and oil

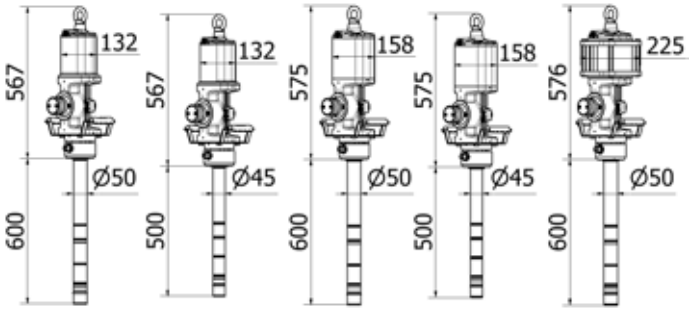
**Art. 011-0950-P50**
**Air-operated industrial pump for grease R=50:1**
**Mod. 950P flanged double-effect**
For frame lifter press (shank lenght 500 mm)
**Polyurethane** seals
For high viscosity grease and oil

**Art. 011-1240-P60**
**Air-operated industrial pump for grease R=40:1**
**Mod. 1240P flanged double-effect**
For frame lifter press (shank lenght 600 mm)
**Polyurethane** seals
For high viscosity grease and oil

**Art. 011-1270-P50**
**Air-operated industrial pump for grease R=70:1**
**Mod. 1270P flanged double-effect**
For frame lifter press (shank lenght 500 mm)
**Polyurethane** seals
For high viscosity grease and oil

**Art. 011-1575-P60**
**Air-operated industrial pump for grease R=75:1**
**Mod. 1575P flanged double-effect**
For frame lifter press (shank lenght 600 mm)
**Polyurethane** seals
For high viscosity grease and oil




| | Kg | m³ | |
|---|---|---|---|
| **011-0920-P60** | 20,800 | 0,110 | 1 |
| **011-0950-P50** | 21,600 | 0,110 | 1 |
| **011-1240-P60** | 22,100 | 0,110 | 1 |
| **011-1270-P50** | 22,800 | 0,110 | 1 |
| **011-1575-P60** | 28,000 | 0,110 | 1 |

| **Technical data** | | **011-0920-P60** | **011-0950-P50** | **011-1240-P60** | **011-1270-P50** | **011-1575-P60** |
|---|---|---|---|---|---|---|
| Compression ratio | | 20:1 | 50:1 | 40:1 | 70:1 | 75:1 |
| Max supply pressure | bar | 8 | 8 | 8 | 8 | 8 |
| Air consumption 8 bar | m³/min | 1,75 | 1,75 | 2,90 | 2,90 | 4,30 |
| Air inlet connection | BSP | F 1/2"G | F 1/2"G | F 1/2"G | F 1/2"G | F 1/2”G |
| Grease outlet connection | BSP | F 1/2"G | F 1/2"G | F 1/2"G | F 1/2"G | F 1/2”G |
| Grease delivery capacity 8 bar | g/min | 12000 | 6800 | 10000 | 6000 | 8000 |
| Noise | dB | 80 | 80 | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 45 | 50 | 45 | 50 |
| Shank length | mm | 600 | 500 | 600 | 500 | 600 |
| For drums with capacity of | kg | 180-220 | 180-220 | 180-220 | 180-220 | 180-220 |

Suitable for high pressure transfer of high viscosity grease (maximum NLGI 3) over short and long distances. The double effect grants the supply of a constant and continuous flow. They are suitable for central distribution plants with multiple distribution points.

# KIT FRAME LIFTER-PRESS AND PUMP FOR GREASE AND HIGH VISCOSITY FLUIDS



012-1340-P60

## Art. 012-1320-P60

**Kit pump frame lifter and press for grease for drums 180-220 kg with pump R=20:1 Delivery 12 kg/min**

Composed by:
Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate
Art.011-0920-P60 Industrial air operated pump **R=20:1**
Art.902-0323-015 Rubber hose R6 3/8"length 1,5 m F-F 3/8"
Art.902-0424-015 Rubber hose R6 1/2"length 1,5 m F-F 1/2"

## Art. 012-1340-P60

**Kit pump frame lifter and press for grease for drums 180-220 kg with pump R=40:1 Delivery 10 kg/min**

Composed by:
Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate
Art.011-1240-P60 Industrial air operated pump **R=40:1**
Art.902-0323-015 Rubber hose R6 3/8"1,5 m length F-F 3/8"
Art.902-0424-015 Rubber hose R6 1/2"1,5 m length F-F 1/2"

## Art. 012-1350-P50

**Kit pump frame lifter and press for grease for drums 180-220 kg with pump R=50:1 Delivery 6,8 kg/min**

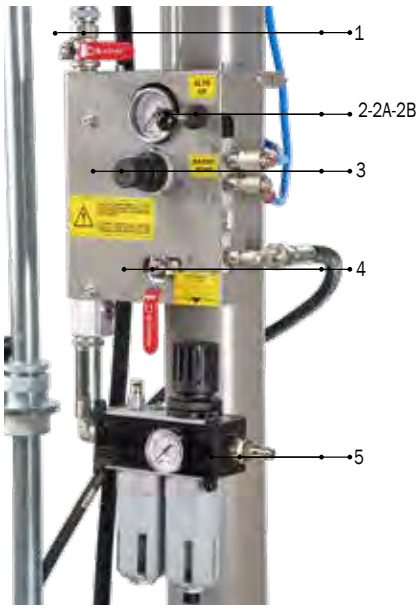
Composed by:
Art.012-1200-045 Pump frame lifter and press 2 columns + follower plate
Art.011-0950-P50 Industrial air operated pump **R=50:1**
Art.902-0323-015 Rubber hose R6 3/8" 1,5 m length F-F 3/8"
Art.902-0424-015 Rubber hose R6 1/2" 1,5 m length F-F 1/2"

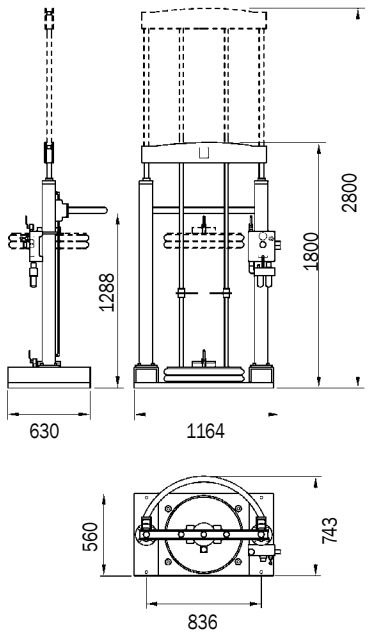
## Art. 012-1370-P50

**Kit pump frame lifter and press for grease for drums 180-220 kg with pump R=70:1 Delivery 6,0 kg/min**

Composed by:
Art.012-1200-045 Pump frame lifter and press 2 columns + follower plate
Art.011-1270-P50 Industrial air operated pump **R=70:1**
Art.902-0323-015 Rubber hose R6 3/8" 1,5 m length F-F 3/8"
Art.902-0424-015 Rubber hose R6 1/2" 1,5 m length F-F 1/2"

| | Kg | m³ | Nº |
|---|---|---|---|
| **012-1320-P60** | 246,600 | 1,920 | 1 |
| **012-1340-P60** | 247,900 | 1,920 | 1 |
| **012-1350-P50** | 247,400 | 1,920 | 1 |
| **012-1370-P50** | 248,600 | 1,920 | 1 |






1 Cock for pump air supply
2 Off position
2A Up position to lift the pump and follower plate
2B Down position to activate the press-fluid
3 Pressure regulator with manometer for air supply of the lifter
4 Cock for air supply to lift the follower plate
5 Inlet general air supply into filter and lubricator

# FRAME-LIFTER PRESS FOR GREASE AND HIGH VISCOSITY FLUIDS PUMPS

**Art. 012-1200-030**
**Frame lifter-press for drums 180-220 kg**
Equipped with follower plate for grease pumps with shank **Ø 30 mm**

**Art. 012-1200-045**
**Frame lifter-press for drums 180-220 kg**
Equipped with follower plate for grease pumps with shank **Ø 45 mm**

**Art. 012-1200-050**
**Frame lifter-press for drums 180-220 kg**
Equipped with follower plate for grease pumps with shank **Ø 50 mm**

**Art. 012-1200-200**
**Frame lifter-press for drums 180-220 kg**
Equipped with follower plate for grease pumps with shank **F2"G**



**012-1200-045**

| Maximum height | Minimum height | Maximum pressure | Pushing power | For drums | Viscosity |
|---|---|---|---|---|---|
| 2802 mm | 1802 mm | 8 bar | 4 bar – 450 kg<br>6 bar – 650 kg<br>8 bar – 870 kg | 180 – 220 kg | 200 – 500 ASTM (25 °C) |

| MECLUBE | Kg | m³ | Nº |
|---|---|---|---|
| **012-1200-030** | 228,000 | 1,920 | 1 |
| **012-1200-045** | 228,000 | 1,920 | 1 |
| **012-1200-050** | 228,000 | 1,920 | 1 |
| **012-1200-200** | 228,000 | 1,920 | 1 |

**Air operated two columns pumps lifter and press for grease and viscous medias.**
With its particular 3 ways control valve it lifts or pulls down the pump and the follower plate, improving the exchanging effort of 180-220kg (400 lbs) drums.
It is particularly advised for the use with high viscosity grease and medias (from 200CPS to 500ASTM).
The follower plate is pushed down by the pressurised pneumatic cylinders, avoiding grease flow interruptions by air pockets in the grease bed.
Moreover, it allows to collect all the grease from the inner walls down to the bottom of the drum, Pump suction is assisted.

**Art. 012-1250-030**
**Aluminium follower plate with rubber double ring Ø 585mm for drums 180-220 kg**
with adaptor flange for **Ø 30 mm** shank (**Art.012-1255-030**)

**Art. 012-1250-045**
**Aluminium follower plate with rubber double ring Ø 585mm for drums 180-220 kg**
with adaptor flange for **Ø 45 mm** shank **(Art.012-1255-045)**

**Art. 012-1250-050**
**Aluminium follower plate with rubber double ring Ø 585mm for drums 180-220 kg**
with adaptor flange for **Ø 50 mm** shank **(Art.012-1255-050)**

**Art. 012-1250-200**
**Aluminium follower plate with rubber double ring Ø 585mm for drums 180-220 kg**
with adaptor flange for **F 2"G** shank **(Art.012-1255-200)**



| MECLUBE | Kg | m³ | Nº |
|---|---|---|---|
| **012-1250-030** | 27,000 | 0,070 | 1 |
| **012-1250-045** | 27,000 | 0,070 | 1 |
| **012-1250-050** | 27,000 | 0,070 | 1 |
| **012-1250-200** | 27,000 | 0,070 | 1 |

**Aluminium casted follower plate for grease and viscous materials with rubber double ring Ø 585mm for drums 180-220 kg suitable for air-operated grease pumps.**
Equipped with ball valve, release valve and flange adaptor.

# AIR-OPERATED INDUSTRIAL PUMP GREASE KITS FOR DRUMS 180-220 Kg



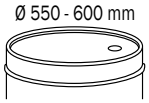
013-3100-000

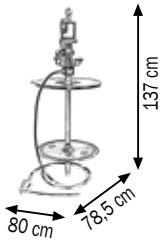
## Art. 013-3100-000

**Industrial pump grease kit for drums 180-220 kg**

Composed by:
Art.011-0950-094 Grease industrial pump **R=50:1**
Art.014-1056-045 Lid Ø 600 mm
Art.014-1066-045 Follower plate Ø 590 mm
Art.907-0303-040 2SC 3/8'' hose lenght 4,0 m
Art.014-1081-013 Gun with flex hose + coupler with triple swivel F3/8"
Art.F96-0210-304 Galvanized steel extension M3/8"G-F1/2"G

| | Kg | m³ | N° |
|---|---|---|---|
| **013-3100-000** | 41,600 | 0,140 | 2 |





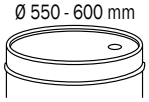

013-3130-000

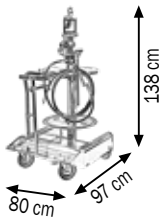
## Art. 013-3130-000

**Wheeled industrial pump grease kit for drums 180-220 kg**

Composed by:
Art.011-0950-094 Grease industrial pump **R=50:1**
Art.030-1405-000 4 wheels trolley
Art.014-1056-045 Lid Ø 600 mm
Art.014-1066-045 Follower plate Ø 590 mm
Art.907-0303-040 2SC 3/8'' hose lenght 4,0 m
Art.014-1081-013 Gun with flex hose + coupler with triple swivel F3/8"
Art.F96-0210-304 Galvanized steel extension M3/8"G-F1/2"G

| | Kg | m³ | N° |
|---|---|---|---|
| **013-3130-000** | 86,800 | 0,240 | 2 |





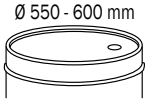

013-3135-000

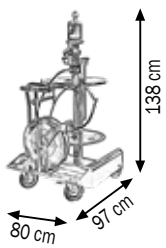
## Art. 013-3135-000

**Wheeled industrial pump grease kit for drums 180-220 kg with hose reel**

Composed by:
Art.011-0950-094 Grease industrial pump **R=50:1**
Art.030-1405-000 4 wheels trolley
Art.014-1056-045 Lid Ø 600 mm
Art.014-1066-045 Follower plate Ø 590 mm
Art.907-0323-015 2SC 3/8'' hose lenght 1,5 m
Art.014-1081-013 Gun with flex hose + coupler with triple swivel F3/8"
Art.070-1307-315 Hose reel with hose 2SC 3/8'' l **15,0 m**
Art.F96-0210-304 Galvanized steel extension M3/8"G-F1/2"G

| | Kg | m³ | N° |
|---|---|---|---|
| **013-3135-000** | 110,200 | 0,300 | 3 |



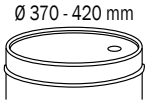
# WALL-FIXED AIR-OPERATED INDUSTRIAL PUMP GREASE KITS FOR DRUMS 180-220 KG

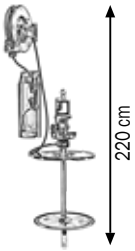
## Art. 013-3140-015

**Wall-fixed industrial pump grease kit for drums 180-220 kg**

Composed by:
Art.011-0950-094 Grease industrial pump **R=50:1**
Art.070-1307-315 Hose reel with hose 2SC 3/8" l **15,0 m**
Art.014-1056-045 Lid Ø 600 mm
Art.014-1066-045 Follower plate Ø 590 mm
Art.907-0323-015 2SC 3/8'' hose lenght 1,5 m
Art.F96-0210-204 Galvanized steel connection M3/8"G-F1/2"G
Art.014-1081-013 Gun with flex hose + coupler with triple swivel F3/8"
Art.024-1785-000 Picking up drops support

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-3140-015** | 71,100 | 0,225 | 4 |





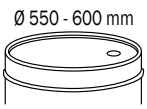

**013-3140-015**

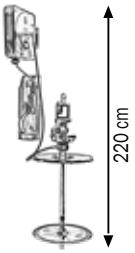
## Art. 013-3150-015

**Wall-fixed industrial pump grease kit for drums 180-220 kg**

Composed by:
Art.011-0950-094 Grease industrial pump **R=50:1**
Art.074-4507-315 Closed hose reel with hose 2SC 3/8" l **15,0 m**
Art.014-1056-045 Lid Ø 600 mm
Art.014-1066-045 Follower plate Ø 590 mm
Art.907-0323-015 2SC 3/8'' hose lenght 1,5 m
Art.F96-0210-204 Galvanized steel connection M3/8"G-F1/2"G
Art.014-1081-013 Gun with flex hose + coupler with triple swivel F3/8"
Art.025-1785-000 Picking up drops support

| | Kg | m³ | Nº |
|---|---|---|---|
| **013-3150-015** | 77,700 | 0,225 | 4 |






**013-3150-015**



## LIDS FOR INDUSTRIAL PUMPS WITH SHANK Ø 45 mm

| Article | Ø Lid | For drums | outside Ø |
|---|---|---|---|
| 014-1053-045 | 395 mm | 30-50 Kg | 340-395 mm |
| 014-1054-045 | 420 mm | 50-60 Kg | 370-420 mm |
| 014-1056-045 | 600 mm | 180-220 Kg | 550-600 mm |



## LIDS FOR INDUSTRIAL PUMPS WITH SHANK Ø 50 mm

| Article | Ø Lid | For drums | outside Ø |
|---|---|---|---|
| 014-1053-050 | 395 mm | 30-50 Kg | 340-395 mm |
| 014-1054-050 | 420 mm | 50-60 Kg | 370-420 mm |
| 014-1056-050 | 600 mm | 180-220 Kg | 550-600 mm |



## LIDS FOR INDUSTRIAL PUMPS WITH SLEEVE 2” F

| Article | Ø Lid | For drums | outside Ø |
|---|---|---|---|
| 014-1053-200 | 395 mm | 30-50 Kg | 340-395 mm |
| 014-1054-200 | 420 mm | 50-60 Kg | 370-420 mm |
| 014-1056-200 | 600 mm | 180-220 Kg | 550-600 mm |

Adatto all’applicazione della ghiera fissaggio pompe.

The lids are available in different diameters to fit drums from 50 to 220 kg . A handle provides an easy fit to the drum. It keeps the pump in vertical position in order to assure a perfect working.



## FOLLOWER PLATES FOR INDUSTRIAL PUMPS WITH SHANK Ø 45 mm

| Article | Ø Follower Plates | For drums | inside Ø |
|---|---|---|---|
| 014-1064-045 | 375 mm | 30-50 kg | 335-360 mm |
| 014-1065-045 | 400 mm | 50-60 kg | 360-400 mm |
| 014-1066-045 | 590 mm | 180-220 kg | 540-580 mm |



## FOLLOWER PLATES FOR INDUSTRIAL PUMPS WITH SHANK Ø 50 mm

| Article | Ø Follower Plates | For drums | inside Ø |
|---|---|---|---|
| 014-1064-050 | 375 mm | 30-50 kg | 335-360 mm |
| 014-1065-050 | 400 mm | 50-60 kg | 360-400 mm |
| 014-1066-050 | 590 mm | 180-220 kg | 540-580 mm |

It is advisable to use always the follower plate, it is very important when the temperature is low and when high viscosity grease is used. Because of the depression created by the pump, the plate is attracted towards the bottom of the drum by atmospheric pressure. It pushes the grease into the pump and avoids air cavities. It also removes the grease remaining on the walls, down to the bottom of the drums.

# ACCESSORIES FOR AIR-OPERATED INDUSTRIAL PUMPS FOR GREASE

## LIDS FOR INDUSTRIAL PUMPS WITH SHANK Ø 30 mm

They are supplied with 2 tie-rods with handles to fix the drums on vehicles

| Article | Ø Lid | For drums | outside Ø |
|---|---|---|---|
| **014-1153-030** | 395 mm | 30-50 Kg | 340-395 mm |
| **014-1154-030** | 420 mm | 50-60 Kg | 370-420 mm |
| **014-1156-030** | 600 mm | 180-220 Kg | 550-600 mm |



## LIDS FOR INDUSTRIAL PUMPS WITH SHANK Ø 45 mm

| Article | Ø Lid | For drums | outside Ø |
|---|---|---|---|
| **014-1153-045** | 395 mm | 30-50 Kg | 340-395 mm |
| **014-1154-045** | 420 mm | 50-60 Kg | 370-420 mm |
| **014-1156-045** | 600 mm | 180-220 Kg | 550-600 mm |



## LIDS FOR INDUSTRIAL PUMPS WITH SHANK Ø 50 mm

| Article | Ø Lid | For drums | outside Ø |
|---|---|---|---|
| **014-1153-050** | 395 mm | 30-50 Kg | 340-395 mm |
| **014-1154-050** | 420 mm | 50-60 Kg | 370-420 mm |
| **014-1156-050** | 600 mm | 180-220 Kg | 550-600 mm |



## LIDS FOR INDUSTRIAL PUMPS WITH SLEEVE 2” F

| Article | Ø Lid | For drums | outside Ø |
|---|---|---|---|
| **014-1153-200** | 395 mm | 30-50 Kg | 340-395 mm |
| **014-1154-200** | 420 mm | 50-60 Kg | 370-420 mm |
| **014-1156-200** | 600 mm | 180-220 Kg | 550-600 mm |

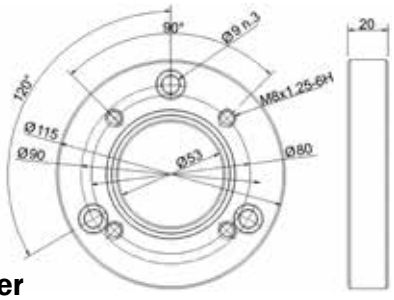
They are suitable for the application of the threaded ring for the pumps.



The lids are available in different dimensions for drums from 50 to 220 kg. They are provided complete of 2 tie-rods with thimbles and handles to fix the drums on the loading bed of the vehicles.

# ACCESSORIES FOR AIR-OPERATED INDUSTRIAL PUMPS






**Art. K11-3626-115**

**Flange for industrial grease pumps**

To fix the pumps on the tanks
with fixing screws and sealing O-R 142



## High pressure 2 ways ball valves with lever

| Article | Characteristics | Pressure | Burst | Weight |
|---|---|---|---|---|
| F96-0600-002 | F1/4"-F1/4" | 500 bar | 30 l/min | 0,32 kg |
| F96-0600-003 | F3/8"-F3/8" | 500 bar | 50 l/min | 0,48 kg |
| F96-0600-004 | F1/2"-F1/2" | 500 bar | 80 l/min | 0,66 kg |
| F96-0600-005 | F3/4"-F3/4" | 400 bar | 120 l/min | 1,54 kg |
| F96-0600-006 | F1"-F1" | 350 bar | 160 l/min | 1,98 kg |



## Unidirectional check valves

| Article | Characteristics | Pressure | Burst | Weight |
|---|---|---|---|---|
| F96-0700-002 | F1/4"-F1/4" | 400 bar | 30 l/min | 0,10 kg |
| F96-0700-003 | F3/8"-F3/8" | 400 bar | 50 l/min | 0,20 kg |
| F96-0700-004 | F1/2"-F1/2" | 350 bar | 90 l/min | 0,32 kg |
| F96-0700-005 | F3/4"-F3/4" | 350 bar | 110 l/min | 0,50 kg |
| F96-0700-006 | F1"-F1" | 350 bar | 160 l/min | 0,70 kg |



## Flexible rubber hoses of connection

| Article | Characteristics | Pressure | Burst | Weight |
|---|---|---|---|---|
| 907-0122-015 | 2SC 1/4" F - F | W.P.400 bar | 1600 bar | 1,5 m |
| 907-0122-020 | 2SC 1/4" F - F | W.P.400 bar | 1600 bar | 2,0 m |
| 907-0102-030 | 2SC 1/4" M - F | W.P.400 bar | 1600 bar | 3,0 m |
| 907-0102-040 | 2SC 1/4" M - F | W.P.400 bar | 1600 bar | 4,0 m |
| 907-0102-050 | 2SC 1/4" M - F | W.P.400 bar | 1600 bar | 5,0 m |
| 907-0102-060 | 2SC 1/4" M - F | W.P.400 bar | 1600 bar | 6,0 m |
| 907-0102-075 | 2SC 1/4" M - F | W.P.400 bar | 1600 bar | 7,5 m |
| 907-0102-080 | 2SC 1/4" M - F | W.P.400 bar | 1600 bar | 8,0 m |
| 907-0102-100 | 2SC 1/4" M - F | W.P.400 bar | 1600 bar | 10,0 m |
| 907-0102-150 | 2SC 1/4" M - F | W.P.400 bar | 1600 bar | 15,0 m |
| | | | | |
| 907-0323-015 | 2SC 3/8" F - F | W.P.330 bar | 1320 bar | 1,5 m |
| 907-0323-020 | 2SC 3/8" F - F | W.P.330 bar | 1320 bar | 2,0 m |
| 907-0303-030 | 2SC 3/8" M - F | W.P.330 bar | 1320 bar | 3,0 m |
| 907-0303-040 | 2SC 3/8" M - F | W.P.330 bar | 1320 bar | 4,0 m |
| 907-0303-050 | 2SC 3/8" M - F | W.P.330 bar | 1320 bar | 5,0 m |
| 907-0303-100 | 2SC 3/8" M - F | W.P.330 bar | 1320 bar | 10,0 m |
| 907-0303-150 | 2SC 3/8" M - F | W.P.330 bar | 1320 bar | 15,0 m |
| | | | | |
| 907-0424-015 | 2SC 1/2" F - F | W.P.275 bar | 1100 bar | 1,5 m |
| 907-0424-020 | 2SC 1/2" F - F | W.P.275 bar | 1100 bar | 2,0 m |
| 907-0404-030 | 2SC 1/2" M - F | W.P.275 bar | 1100 bar | 3,0 m |
| 907-0404-040 | 2SC 1/2" M - F | W.P.275 bar | 1100 bar | 4,0 m |
| 907-0404-050 | 2SC 1/2" M - F | W.P.275 bar | 1100 bar | 5,0 m |
| 907-0404-100 | 2SC 1/2" M - F | W.P.275 bar | 1100 bar | 10,0 m |
| 907-0404-150 | 2SC 1/2" M - F | W.P.275 bar | 1100 bar | 15,0 m |



## Pressure regulators with pressure gauge

| Article | Thread | Regulation | Flow rate |
|---|---|---|---|
| 014-1045-000 | F-F 1/4" | 0÷8 bar | 2050 Nl/min |
| 014-1045-B00 | F-F 1/2" | 0÷8 bar | 3200 Nl/min |
| 014-1045-C00 | F-F 3/4" | 0÷8 bar | 6200 Nl/min |
| 014-1045-D00 | F-F 1" | 0÷8 bar | 6200 Nl/min |



## Pressure regulators with filter and pressure gauge

| Article | Thread | Regulation | Flow rate | Filtrazione |
|---|---|---|---|---|
| 014-1046-000 | F-F 1/4" | 0÷8 bar | 1650 Nl/min | 20 µ |
| 014-1046-B00 | F-F 1/2" | 0÷8 bar | 3000 Nl/min | 20 µ |
| 014-1046-C00 | F-F 3/4" | 0÷8 bar | 4500 Nl/min | 20 µ |
| 014-1046-D00 | F-F 1" | 0÷8 bar | 4500 Nl/min | 20 µ |



## Air lubricator

| Article | Thread | Regulation | Flow rate |
|---|---|---|---|
| 014-1047-000 | F-F 1/4" | - | 2600 Nl/min |
| 014-1047-B00 | F-F 1/2" | - | 5600 Nl/min |
| 014-1047-C00 | F-F 3/4" | - | 8200 Nl/min |
| 014-1047-D00 | F-F 1" | - | 8200 Nl/min |



## Pressure regulators with lubricating filter and pressure gauge

| Article | Thread | Regulation | Flow rate | Filtration |
|---|---|---|---|---|
| 014-1048-000 | F-F 1/4" | 0÷8 bar | 1100 Nl/min | 20 µ |
| 014-1048-B00 | F-F 1/2" | 0÷8 bar | 2500 Nl/min | 20 µ |
| 014-1048-C00 | F-F 3/4" | 0÷8 bar | 4300 Nl/min | 20 µ |
| 014-1048-D00 | F-F 1" | 0÷8 bar | 4300 Nl/min | 20 µ |



To optimise the performance and the long life of the pneumatic equipment, we suggest to use air without condensation, lubricated and at an adequate pressure.

### Quick conn. “Multiconnection”

| Article | Connection |
|---|---|
| R12-1001-002 | Male 1/4” |
| R12-1001-003 | Male 3/8” |
| R12-1001-004 | Male 1/2” |
| R12-1102-002 | Female 1/4” |
| R12-1102-003 | Female 3/8” |
| R12-1102-004 | Female 1/2” |



### Connection European profile

| Article | Connection |
|---|---|
| R12-0001-002 | Male 1/4” |
| R12-0001-003 | Male 3/8” |
| R12-0001-004 | Male 1/2” |
| R12-0100-002 | Female 1/4” |
| R12-0100-003 | Female 3/8” |
| R12-0100-004 | Female 1/2” |



### Male rubber-holder with O-Ring

| Article | Connection |
|---|---|
| R18-0801-062 | Male 1/4” Ø 6 |
| R18-0801-082 | Male 1/4” Ø 8 |
| R18-0801-102 | Male 1/4” Ø 10 |
| R18-0801-122 | Male 1/4” Ø 12 |



### Female rubber-holder

| Article | Connection |
|---|---|
| R18-0802-062 | Female 1/4” Ø 6 |
| R18-0802-082 | Female 1/4” Ø 8 |
| R18-0802-102 | Female 1/4” Ø 10 |



### Male quick coupler + O-Ring

| Article | Connection |
|---|---|
| R20-0001-052 | Male 1/4” Ø 5 |
| R20-0001-062 | Male 1/4” Ø 6 |
| R20-0001-082 | Male 1/4” Ø 8 |
| R20-0001-102 | Male 1/4” Ø 10 |



### Conic nipple

| Article | Connection |
|---|---|
| R18-0300-202 | 1/4”M-1/4”M |
| R18-0300-303 | 3/8”M-3/8”M |
| R18-0300-404 | 1/2”M-1/2”M |



### Reduced conic nipple

| Article | Connection |
|---|---|
| R18-0301-302 | 3/8”M-1/4”M |
| R18-0301-402 | 1/2”M-1/4”M |
| R18-0301-403 | 1/2”M-3/8”M |



### Orientable cil. nipple with O-Ring

| Article | Connection |
|---|---|
| R18-0304-202 | 1/4”M-1/4”F |
| R18-0304-303 | 3/8”M-3/8”F |



### Conic reduction

| Article | Connection |
|---|---|
| R18-0500-202 | 1/4”M-1/4”F |
| R18-0500-203 | 1/4”M-3/8”F |
| R18-0500-204 | 1/4”M-1/2”F |
| R18-0500-303 | 3/8”M-3/8”F |
| R18-0500-304 | 3/8”M-1/2”F |
| R18-0500-404 | 1/2”M-1/2”F |



### Cylindrical cap reduction

| Article | Connection |
|---|---|
| R18-0502-201 | 1/4”M-1/8”F |
| R18-0502-302 | 3/8”M-1/4”F |
| R18-0502-403 | 1/2”M-3/8”F |
| R18-0502-504 | 3/4”M-1/2”F |



### Male plug with hexag. and O-Ring

| Article | Connection |
|---|---|
| R18-4000-002 | 1/4”M |
| R18-4000-003 | 3/8”M |
| R18-4000-004 | 1/2”M |



### L connection M-F

| Article | Connection |
|---|---|
| R18-1200-002 | 1/4”M-1/4”F |
| R18-1200-003 | 3/8”M-3/8”F |
| R18-1200-004 | 1/2”M-1/2”F |
| R18-1200-005 | 3/4”M-3/4”F |



### Y connection 90° centre male

| Article | Connection |
|---|---|
| R18-1300-002 | 1/4”M |
| R18-1300-003 | 3/8”M |







015-3100-000

## Art. 015-3100-000

**Side lever grease gun Mod. Lube-Mec**
Cartridge screw loading
Equipped with:
Flexible hose 300 mm with 4-jaws coupler
Suitable for screw cartridge Lube-Mec Ø 52 mm 400 g



015-3132-000

## Art. 015-3132-000

**Manual grease gun Mod. Lube-Mec**
Cartridge screw loading
Equipped with:
Flexible hose 300 mm with 4-jaws coupler
Suitable for screw cartridge Lube-Mec Ø 52 mm 400 g

| Technical data | | 015-3100-000 | 015-3132-000 |
|---|---|---|---|
| Working pressure | bar | 400 | 345 |
| Maximum pressure | bar | 690 | 635 |
| Grease flow rate for stroke | $cm^3$ | 0,9 | 0,5 |
| Screw grease cartridge | g | 400 | 400 |
| Body diameter | mm | 60 | 60 |
| Lenght | mm | 290 | 275 |
| Grease outlet connection | mm | 10x1 | 10x1 |



015-3140-006

## Art. 015-3140-006

**Adaptors for Mod. Lube-Mec for the filling of screw cartridges**

The Lube-Mec system works with a special void technology that ensures the complete use of the grease of the cartridge and it eliminates problems of supply continuity in comparison with the guns with traditional systems. Since you don't have to unscew the hose of the head of the greaser, the cartridge recharge is quicker.
When replacing the cartridges there are no air cavities.
This technology ensures the usage of all the grease of the catridge.
With this system there is a very small percentage of wearing parts, so the grease guns have a long life.

### Art. 015-3102-000
**Side lever grease gun cm³ 500 Mod. Standard**
Manual and cartridge loading, automatic grease progression
Equipped with:
Flexible hose 300 mm with 4-jaws coupler
Filling valve Ø 9 mm
Suitable for cartridge Ø 52 mm 400 g



015-3102-000

### Art. 015-3104-000
**Side lever grease gun cm³ 750 Mod. Standard**
Manual and cartridge loading, automatic grease progression
Equipped with:
Flexible hose 300 mm with 4-jaws coupler
Filling valve Ø 9 mm
Suitable for cartridge Ø 52 mm 600 g



015-3104-000

### Art. 015-3105-000
**Side lever grease gun cm³ 1000 Mod. Standard**
Manual and cartridge loading, automatic grease progression
Equipped with:
Flexible hose 300 mm with 4-jaws coupler
Filling valve Ø 9 mm
Suitable for catridge Ø 56 mm 600 g



015-3105-000

| Technical data | | 015-3102-000 | 015-3104-000 | 015-3105-000 |
|---|---|---|---|---|
| Working pressure | bar | 400 | 400 | 400 |
| Maximum pressure | bar | 680 | 680 | 680 |
| Grease flow rate for stroke | cm³ | 0,8 | 0,8 | 0,8 |
| Screw grease cartridge | g | 400 | 600 | 600 |
| Body diameter | mm | 57 | 57 | 59 |
| Lenght | mm | 380 | 480 | 480 |
| Grease outlet connection | mm | 10x1 | 10x1 | 10x1 |





015-3112-000

## Art. 015-3112-000

**Side lever grease gun cm³ 500 Mod. Profi**
Manual and cartridge loading, automatic grease progression
Equipped with:
Flexible hose 300 mm with 4-jaws coupler
Air discharge coupler
Filling valve Ø 9 mm
Suitable for cartridge Ø 52 mm 400 g



015-3118-000

## Art. 015-3118-000

**Side lever grease gun cm³ 750 Mod. Profi**
Manual and cartridge loading, automatic grease progression
Equipped with:
Flexible hose 300 mm with 4-jaws coupler
Air discharge coupler
Filling valve Ø 9 mm
Suitable for cartridge Ø 52 mm 600 g



| Technical data | | 015-3112-000 | 015-3118-000 |
|---|---|---|---|
| Working pressure | bar | 690 | 690 |
| Maximum pressure | bar | 800 | 800 |
| Grease flow rate for stroke | cm³ | 1,0 | 1,0 |
| Screw grease cartridge | g | 400 | 600 |
| Body diameter | mm | 57 | 57 |
| Lenght | mm | 370 | 480 |
| Grease outlet connection | mm | 10x1 | 10x1 |

### Art. 015-3152-000
**Manual grease gun cm³ 500 Mod. Mec**
Manual and cartridge loading, automatic grease progression
Equipped with:
Flexible hose 300 mm with 4-jaws coupler
Filling valve Ø 9 mm
Suitable for cartridge Ø 52 mm 400 g


015-3152-000

### Art. 015-3162-000
**Manual grease gun cm³ 500 Mod. Premium**
Manual and cartridge loading, automatic grease progression
Equipped with:
Flexible hose 300 mm with 4-jaws coupler
Filling valve Ø 9 mm
Suitable for cartridge Ø 52 mm 400 g


015-3162-000

| Technical data | | 015-3152-000 | 015-3162-000 |
|---|---|---|---|
| Working pressure | bar | 345 | 500 |
| Maximum pressure | bar | 635 | 690 |
| Grease flow rate for stroke | cm³ | 0,5 | 0,7 |
| Screw grease cartridge | g | 400 | 400 |
| Body diameter | mm | 57 | 57 |
| Lenght | mm | 350 | 350 |
| Grease outlet connection | mm | 10x1 | 10x1 |

## GREASE CARTRIDGES

### Art. 017-3200-400
**Litium grease cartridge NLGI 2**
**Ø 52 mm 400 g** (Package of 24 pieces)



017-3200-400

### Art. 017-3210-600
**Litium grease cartridge NLGI 2**
**Ø 52 mm 600 g** (Package of 15 pieces)



017-3210-600

### Art. 017-3215-600
**Litium grease cartridge NLGI 2**
**Ø 56 mm 600 g** (Package of 15 pieces)



017-3215-600

### Art. 017-3250-400
**Litium grease screw cartridge NLGI 2 for Mod. Lube-Mec**
**Ø 55 mm 400 g** (Package of 24 pieces)


017-3250-400

# BATTERY-OPERATED GREASE-GUN 18V
# PUSH TYPE GREASE GUNS



015-3172-000

Battery-operated grease-gun 18V Li-Ion, suitable for 400 g cartridges Ø 52 mm according to DIN 1284 incl. Li-Ion battery 18V - 1500 mAh. LCD battery level display and LED overload indicator. Multi purpose wide range input charger (12 -240 V/ 50-60 Hz), overload protected (charging time approx. 100% in 40 min. / 80% in 20 min.) Carry-along case with space for spare battery and spare cartridge.

## Battery-operated grease-gun 18V Li-Ion

| Article | Capacity | Max delivery | Battery | Charging time |
|---|---|---|---|---|
| **015-3172-000** | **500** g | 115 g/min | 18V Li-Ion | 40 min |

Equipped with:
Plastic carry-along case
Battery operated grease-gun 18V Li-Ion
750 mm flexible hose with 4-jaws coupler
Art. 015-3175-000 Multi purpose wide range input charger (12-240 V/ 50-60 Hz)
Art. 015-3176-000 Li-Ion battery 18V - 1500 mAh
It is suitable for 400 g cartridges Ø 52 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 015-3172-000 | 6,130 | 0,010 | 1 |



015-3175-000 015-3176-000



015-3305-050

## Steel push type grease gun with Zerck coupler

| Article | Capacity | Diameter | Length | Max pressure |
|---|---|---|---|---|
| **015-3305-050** | **50** g | 30 mm | 160 mm | 100 bar |
| **015-3310-200** | **200** g | 45 mm | 220 mm | 100 bar |



015-3320-150

## Push type gun for high pressure grease, telescopic hose with Zerck coupler for spherical head and Lub for concave head

| Article | Capacity | Diameter | Length | Max pressure |
|---|---|---|---|---|
| **015-3320-080** | **80** g | 37 mm | 150<220 mm | 200 bar |
| **015-3320-150** | **150** g | 37 mm | 220<350 mm | 200 bar |
| **015-3320-300** | **300** g | 47 mm | 260<430 mm | 200 bar |



015-3350-000

## Push type grease gun for the filling of centralized lubrication systems of trucks, agricultural and construction machinery

| Article | Capacity | Diameter | Length | Max pressure |
|---|---|---|---|---|
| **015-3350-050** | **500** g | 57 mm | 280 mm | 200 bar |

Manual and cartridge loading Ø 52 mm 400 g

## Rubber flexible hoses (DIN. 1283)

| Article | Diameter | Thread | Max. pressure | Lenght |
|---|---|---|---|---|
| **017-3253-000** | 4x10 mm | 10x1 mm | 1000 bar | 300 mm |
| **017-3254-000** | 4x10 mm | 10x1 mm | 1000 bar | 400 mm |
| **017-3255-000** | 4x10 mm | 10x1 mm | 1000 bar | 500 mm |
| **017-3257-000** | 4x10 mm | 10x1 mm | 1000 bar | 750 mm |
| **017-3260-000** | 4x10 mm | 10x1 mm | 1000 bar | 1000 mm |



**Art. 014-1086-000**
**Rigid pipe lenght 200 mm**
Thread M 10x1 mm



**014-1086-000**

**Art. 017-1156-000**
**Rigid pipe 200 mm with 4-jaws coupler** (Art. 017-1157-000)
Thread M 10x1 mm



**017-1156-000**

**Art. 017-1155-000**
**Ball brass spigot**
Thread M-F 10x1 mm



**017-1155-000**

**Art. 017-1157-000**
**4-jaws coupler for grease**
Thread M 10x1 mm



**017-1157-000**

**Art. 017-3330-000**
**Grease Zerck coupler for spherical head Ø 12x12**
Thread M 10x1 mm



**017-3330-000**

**Art. 017-3332-000**
**Grease Lub coupler for concave head Ø 12x19**
Thread M 10x1 mm



**017-3332-000**

**Art. 017-3354-020**
**Adaptors for push type grease gun (Art. 015-3350-000)**
With protection cap **M 20x1,5**



**017-3354-020**

**Art. 017-3354-022**
**Adaptors for push type grease gun (Art. 015-3350-000)**
With protection cap **M 22x1,5**



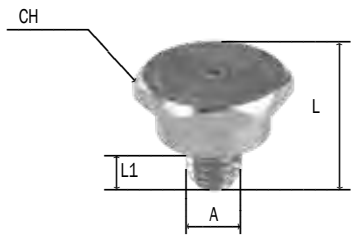
**017-3354-022**

**Art. 017-3354-026**
**Adaptors for push type grease gun (Art. 015-3350-000)**
With protection cap **M 26x1,5**



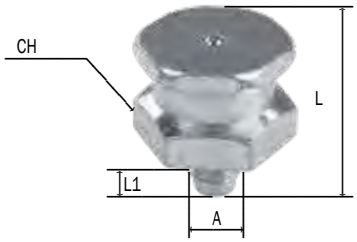
**017-3354-026**

# BUTTON HEAD GREASE NIPPLES




## Button head grease nipples, hexagonal 15mm, ball check

| Article | Thread | Dim. L | Dim. L1 | Dim. CH | Pieces |
|---|---|---|---|---|---|
| 015-2902-050 | 6x1 | 13 | 7 | 15 | 50 |
| 015-2904-050 | 8x1 | 13 | 7 | 15 | 50 |
| 015-2905-050 | 8x1,25 | 13 | 7 | 15 | 50 |
| 015-2907-050 | 10x1 | 13 | 7 | 15 | 50 |
| 015-2909-050 | 10x1,5 | 13 | 7 | 15 | 50 |
| 015-2915-050 | 1/8" G | 13 | 7 | 15 | 50 |
| 015-2916-050 | 1/4" G | 13 | 7 | 15 | 50 |



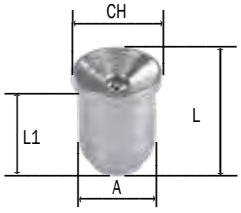

## Button head grease nipples, double hexagon 15 mm, ball check

| Article | Thread | Dim. L | Dim. L1 | Dim. CH | Pieces |
|---|---|---|---|---|---|
| 015-2918-050 | 6x1 | 18 | 7 | 15 | 50 |
| 015-2919-050 | 8x1 | 18 | 7 | 15 | 50 |
| 015-2920-050 | 8x1,25 | 18 | 7 | 15 | 50 |
| 015-2921-050 | 10x1 | 18 | 7 | 15 | 50 |
| 015-2923-050 | 10x1,5 | 18 | 7 | 15 | 50 |
| 015-2925-050 | 12x1,5 | 18 | 7 | 15 | 50 |
| 015-2926-050 | 12x1,75 | 18 | 7 | 15 | 50 |
| 015-2930-050 | 1/8" G | 18 | 7 | 15 | 50 |
| 015-2931-050 | 1/4" G | 18 | 7 | 15 | 50 |




## Button-circle head grease nipples Ø 22 mm, valve check

| Article | Thread | Dim. L | Dim. L1 | Dim. CH | Pieces |
|---|---|---|---|---|---|
| 015-2940-020 | 16x1,5 Fiat | 32 | 14 | 22 | 20 |
| 015-2941-020 | 1/4" G | 32 | 12 | 22 | 20 |
| 015-2943-020 | 3/8" G | 32 | 14 | 22 | 20 |
| 015-2945-020 | 3/8" NPT Caterpillar | 43 | 14 | 22 | 20 |



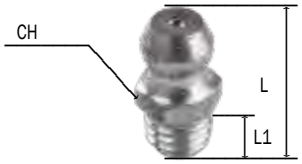

## Concave head grease nipples, straight, smooth stem

| Article | Thread | Dim. L | Dim. L1 | Dim. CH | Pieces |
|---|---|---|---|---|---|
| 015-2964-100 | 6 | 8 | 7 | 7 | 100 |
| 015-2965-100 | 8 | 9,5 | 8 | 9 | 100 |
| 015-2966-100 | 10 | 9,5 | 7,5 | 11 | 100 |

# HYDRAULIC GREASE FITTINGS WITH SPHERICAL HEAD

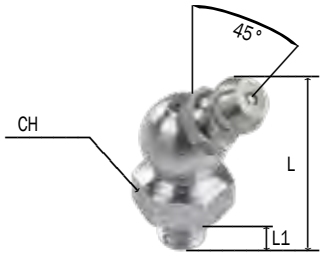
## Straight hydraulic grease fittings with spherical head

| Article | Thread | Dim. L | Dim. L1 | Dim. CH | Pieces |
|---|---|---|---|---|---|
| 015-3010-100 | 6x1 | 13,5 | 5 | 7 | 100 |
| 015-3012-100 | 6x1 | 30 | 6 | 7 | 100 |
| 015-3014-100 | 8x1 | 18 | 6 | 11 | 100 |
| 015-3015-100 | 8x1,25 | 18 | 6 | 11 | 100 |
| 015-3018-100 | 10x1 | 18 | 7 | 11 | 100 |
| 015-3019-100 | 10x1,25 | 18 | 7 | 11 | 100 |
| 015-3020-100 | 10x1,5 | 18 | 7 | 11 | 100 |
| 015-3025-100 | 1/8" G | 18 | 7 | 11 | 100 |
| 015-3026-100 | 1/4" G | 18 | 7 | 14 | 100 |



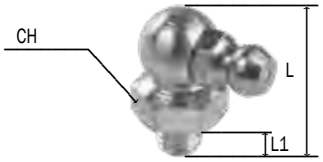

## 45° angled hydraulic grease fittings with spherical head

| Article | Thread | Dim. L | Dim. L1 | Dim. CH | Pieces |
|---|---|---|---|---|---|
| 015-3032-100 | 6x1 | 25,5 | 6,5 | 11 | 100 |
| 015-3035-100 | 8x1 | 25,5 | 6,5 | 11 | 100 |
| 015-3036-100 | 8x1,25 | 25,5 | 6,5 | 11 | 100 |
| 015-3038-100 | 10x1 | 25,5 | 6,5 | 11 | 100 |
| 015-3039-100 | 10x1,25 | 25,5 | 6,5 | 11 | 100 |
| 015-3040-100 | 10x1,5 | 25,5 | 6,5 | 11 | 100 |
| 015-3044-100 | 1/8" G | 25,5 | 6,5 | 11 | 100 |
| 015-3045-050 | 1/4" G | 25,5 | 6,5 | 14 | 50 |




## 90° angled hydraulic grease fittings with spherical head

| Article | Thread | Dim. L | Dim. L1 | Dim. CH | Pieces |
|---|---|---|---|---|---|
| 015-3051-100 | 6x1 | 25,5 | 6,5 | 11 | 100 |
| 015-3055-100 | 8x1 | 25,5 | 6,5 | 11 | 100 |
| 015-3056-100 | 8x1,25 | 25,5 | 6,5 | 11 | 100 |
| 015-3058-100 | 10x1 | 25,5 | 6,5 | 11 | 100 |
| 015-3059-100 | 10x1,25 | 25,5 | 6,5 | 11 | 100 |
| 015-3060-100 | 10x1,5 | 25,5 | 6,5 | 11 | 100 |
| 015-3064-100 | 1/8" G | 25,5 | 6,5 | 11 | 100 |
| 015-3065-050 | 1/4" G | 25,5 | 6,5 | 14 | 50 |




### Art. 015-3089-100

Plastic protection plug for hydraulic grease fittings

Package of 100 pieces.



### Art. 015-3090-070

**Set of grease fittings 70 pcs.**

Composed by:

| | | |
|---|---|---|
| Art. 015-3010-000 | 6x1 straight | 10 pz. |
| Art. 015-3014-000 | 8x1 straight | 10 pz. |
| Art. 015-3018-000 | 10x1 straight | 10 pz. |
| Art. 015-3025-000 | 1/8 G straight | 10 pz. |
| Art. 015-3032-000 | 6x1 45° | 5 pz. |
| Art. 015-3035-000 | 8x1 45° | 5 pz. |
| Art. 015-3038-000 | 10x1 45° | 5 pz. |
| Art. 015-3051-000 | 6x1 90° | 5 pz. |
| Art. 015-3055-000 | 8x1 90° | 5 pz. |
| Art. 015-3058-000 | 10x1 90° | 5 pz. |



015-3090-070

### Art. 015-3090-140

**Set of grease fittings 140 pcs.**

Composed by:

| | | |
|---|---|---|
| Art. 015-3010-000 | 6x1 straight | 25 pz. |
| Art. 015-3014-000 | 8x1 straight | 25 pz. |
| Art. 015-3018-000 | 10x1 straight | 15 pz. |
| Art. 015-3025-000 | 1/8" G straight | 15 pz. |
| Art. 015-3032-000 | 6x1 45° | 10 pz. |
| Art. 015-3035-000 | 8x1 45° | 10 pz. |
| Art. 015-3038-000 | 10x1 45° | 5 pz. |
| Art. 015-3044-000 | 1/8" 45° | 5 pz. |
| Art. 015-3051-000 | 6x1 90° | 10 pz. |
| Art. 015-3055-000 | 8x1 90° | 10 pz. |
| Art. 015-3058-000 | 10x1 90° | 5 pz. |
| Art. 015-3064-000 | 1/8"G 90° | 5 pz. |



015-3090-140



016-1141-000

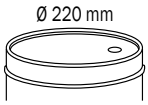
## Art. 016-1141-000

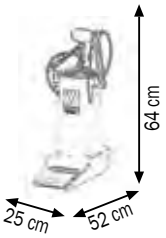
**Manual grease pump 16 kg**

**Outlet grease pressure 400 bar, 60 g delivery each 10 cycles of the lever**

Composed by:
Wheeled tank 16 kg
Art.014-1059-030 Follower plate Ø 220 mm with spring
Art.906-0142-020 1SC 1/4" hose F 1/4"– F 10X1 2.0 m length
Art.017-1155-000 Cock M-F 10x1 mm
Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling

| | Kg | m³ | Nº |
|---|---|---|---|
| 016-1141-000 | 12,850 | 0,090 | 1 |






016-1142-000

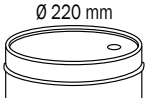
## Art. 016-1142-000

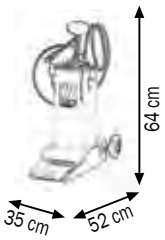
**Wheeled manual grease pump 16 kg**

**Outlet grease pressure 400 bar, 60 g delivery each 10 cycles of the lever**

Composed by:
Wheeled tank 16 kg
Art.014-1059-030 Follower plate Ø 220 mm with spring
Art.906-0142-020 1SC 1/4" hose F 1/4"– F 10X1 2.0 m length
Art.017-1155-000 Cock M-F 10x1 mm
Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling

| | Kg | m³ | Nº |
|---|---|---|---|
| 016-1142-000 | 14,300 | 0,090 | 1 |






016-1144-000

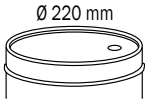
## Art. 016-1144-000

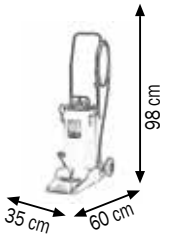
**Wheeled manual grease pedal pump 16 kg**

**Outlet grease pressure 400 bar, 40 g delivery each 10 cycles of the lever**

Composed by:
Wheeled tank 16 kg
Art.014-1059-012 Follower plate Ø 220 mm with spring
Art.906-0142-020 1SC 1/4" hose F 1/4"– F 10X1 2.0 m length
Art.017-1155-000 Cock M-F 10x1 mm
Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling

| | Kg | m³ | Nº |
|---|---|---|---|
| 016-1144-000 | 16,600 | 0,090 | 1 |



## Art. 016-1145-015

**Manual grease pump for drums of 15 kg**
**Outlet grease pressure 400 bar, 60 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1158-000 Manual grease pump
Art.014-1050-030 Ø 280 mm drum lid
Art.014-1060-030 Follower plate Ø 265mm with spring
Art.906-0142-020 1SC 1/4" hose F 1/4"– F 10X1 2.0 m length
Art.017-1155-000 Cock M-F 10x1mm
Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling



016-1145-015

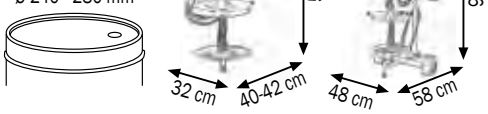
## Art. 016-1145-C15

**Wheeled manual grease pump for drums of 15 kg**
**Outlet grease pressure 400 bar, 60 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1158-000 Manual grease pump
Art.030-1392-000 2 wheels trolley
Art.014-1050-030 Ø 280 mm drum lid
Art.014-1060-030 Follower plate Ø 265mm with spring
Art.906-0142-020 1SC 1/4" hose F 1/4"– F 10X1 2.0 m length
Art.017-1155-000 Cock M-F 10x1mm
Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling



016-1145-C15

| | Kg | m³ | Nº |
|---|---|---|---|
| **016-1145-015** | 6,100 | 0,023 | 1 |
| **016-1145-C15** | 11,250 | 0,056 | 1 |




## Art. 016-1150-020

**Manual grease pump for drums of 18-30 Kg**
**Outlet grease pressure 400 bar, 60 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1158-000 Manual grease pump
Art.014-1051-030 Ø 320 mm drum lid
Art.014-1062-030 Follower plate Ø 310mm with spring
Art.906-0142-020 1SC 1/4" hose F 1/4"– F 10X1 2.0 m length
Art.017-1155-000 Cock M-F 10x1mm
Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling



016-1150-020

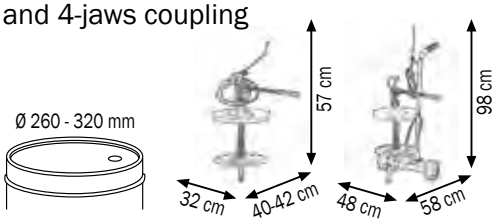
## Art. 016-1150-C20

**Wheeled manual grease pump for drums of 18-30 kg**
**Outlet grease pressure 400 bar, 60 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1158-000 Manual grease pump
Art.030-1392-000 2 wheels trolley
Art.014-1051-030 Ø 320 mm drum lid
Art.014-1062-030 Follower plate Ø 310mm with spring
Art.906-0142-020 1SC 1/4" hose F 1/4"– F 10X1 2.0 m length
Art.017-1155-000 Cock M-F 10x1mm
Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling



016-1150-C20

| | Kg | m³ | Nº |
|---|---|---|---|
| **016-1150-020** | 6,550 | 0,023 | 1 |
| **016-1150-C20** | 17,750 | 0,056 | 1 |





016-1150-050

## Art. 016-1150-050

**Manual grease pump for drums of 50-60 kg.**
**Outlet grease pressure 400 bar, 60 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1158-A00 Manual grease pump
Art.014-1054-030 Ø 420 mm drum lid
Art.014-1065-030 Follower plate Ø 400mm with spring
Art.906-0142-020 1SC 1/4" hose F 1/4"– F 10X1 2.0 m length
Art.017-1155-000 Cock M-F 10x1mm
Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling



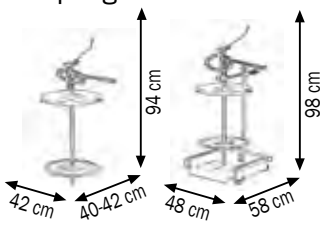
016-1150-C50

## Art. 016-1150-C50

**Wheeled manual grease pump for drums of 50-60 kg**
**Outlet grease pressure 400 bar, 60 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1158-A00 Manual grease pump
Art.030-1395-000 4 wheels trolley
Art.014-1054-030 Ø 420 mm drum lid
Art.014-1065-030 Follower plate Ø 400mm with spring
Art.906-0142-020 1SC 1/4" hose F 1/4"– F 10X1 2.0 m length
Art.017-1155-000 Cock M-F 10x1mm
Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling

| | Kg | m³ | Nº |
|---|---|---|---|
| 016-1150-050 | 10,800 | 0,056 | 1 |
| 016-1150-C50 | 22,800 | 0,056 | 1 |




## ACCESSORIES FOR MANUAL GREASE PUMPS



017-1160-000

### Art. 017-1160-000

**Adaptor coupler for filling valves Ø 14,7 and 9 mm**
For manual grease pumps filling



017-1161-000

### Art. 017-1161-000

**90° Rigid connection with adaptor Ø 14,7 and 9 mm**
For manual grease pumps filling



906-0142-020

### Art. 906-0142-020

**1SC 1/4" hose F 1/4"– F 10X1**
**2.0 m** length

### Art. 906-0142-030

**1SC 1/4" hose F 1/4"– F 10X1**
**3.0 m** length



902-0414-020

### Art. 902-0414-020

**R6 1/2" hose - M 1/2" - M 1/4"**
**2.0 m** length

## Art. 016-1151-020

**Manual transfer grease pump for drums of 18-30 kg**
**Suitable for filling manual grease pumps, 400 g delivery each 10 cycles of the lever**

Composed by:
Art.016-1160-020 Manual transfer pump
Art.014-1051-030 Ø 320 mm drum lid
Art.014-1062-030 Follower plate Ø 310mm with spring
Art.017-1161-000 Rigid connection 90° with adaptor Ø 9 mm



016-1151-020

## Art. 016-1151-C20

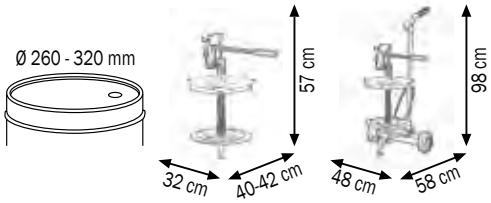
**Wheeled manual transfer grease pump for drums of 18-30 kg**
**Suitable for filling manual grease pumps, 400 g delivery each 10 cycles of the lever**

Composed by:
Art.016-1160-020 Manual transfer pump
Art.030-1392-000 2 wheels trolley
Art.014-1051-030 Ø 320 mm drum lid
Art.014-1062-030 Follower plate Ø 310mm with spring
Art.017-1161-000 Rigid connection 90° with adaptor Ø 9 mm



016-1151-C20

| | Kg | m³ | Nº |
|---|---|---|---|
| **016-1151-020** | 6,350 | 0,023 | 1 |
| **016-1151-C20** | 11,500 | 0,056 | 1 |




## Art. 016-1151-050

**Manual transfer grease pump for drums of 50-60 kg**
**Suitable for filling manual grease pumps, 400 g delivery each 10 cycles of the lever**

Composed by:
Art.016-1160-050 Manual transfer pump
Art.014-1054-030 Ø 420 mm drum lid
Art.014-1065-030 Follower plate Ø 400mm with spring
Art.017-1161-000 Rigid connection 90° with adaptor Ø 9 mm



016-1151-050

## Art. 016-1151-C50

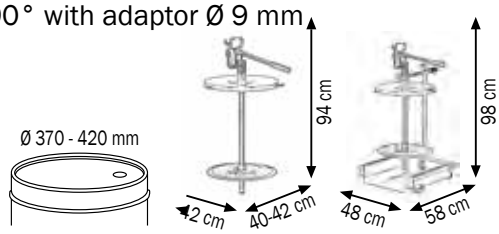
**Wheeled manual transfer grease pump for drums of 50-60 kg**
**Suitable for filling manual grease pumps, 400 g delivery each 10 cycles of the lever**

Composed by:
Art.016-1160-050 Manual transfer pump
Art.030-1395-000 4 wheels trolley
Art.014-1054-030 Ø 420 mm drum lid
Art.014-1065-030 Follower plate Ø 400mm with spring
Art.017-1161-000 Rigid connection 90° with adaptor Ø 9 mm



016-1151-C50

| | Kg | m³ | Nº |
|---|---|---|---|
| **016-1151-050** | 10,700 | 0,790 | 1 |
| **016-1151-C50** | 21,800 | 0,790 | 1 |





016-1152-020



## Art. 016-1152-020

**Manual transfer grease pump for drums of 18-30 kg**
**Suitable for filling plants, 400 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1160-020 Manual transfer pump
Art.014-1051-030 Ø 320 mm drum lid
Art.014-1062-030 Follower plate Ø 310mm with spring
Art.902-0414-020 R6 1/2" hose 2,0 m length
with level valve rigid end 30°
Art.F96-0500-002 Quick disconnect coupling F 1/4"
Art.F96-0502-002 Quick disconnect coupling M 1/4"



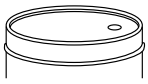
016-1152-C20

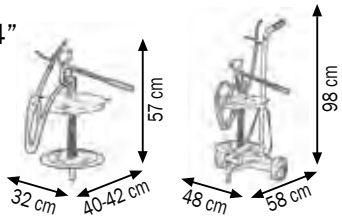


## Art. 016-1152-C20

**Wheeled manual transfer grease pump for drums of 18-30 kg**
**Suitable for filling plants, 400 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1160-020 Manual transfer pump
Art.030-1392-000 2 wheels trolley
Art.014-1051-030 Ø 320 mm drum lid
Art.014-1062-030 Follower plate Ø 310mm with spring
Art.902-0414-020 R6 1/2" hose 2,0 m length
with level valve rigid end 30°
Art.F96-0500-002 Quick disconnect coupling F 1/4"
Art.F96-0502-002 Quick disconnect coupling M 1/4"

| | Kg | m³ | № |
|---|---|---|---|
| **016-1152-020** | 7,400 | 0,023 | 1 |
| **016-1152-C20** | 12,500 | 0,056 | 1 |






016-1152-050



## Art. 016-1152-050

**Manual transfer grease pump for drums of 50-60 kg**
**Suitable for filling plants, 400 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1160-050 Manual transfer pump
Art.014-1054-030 Ø 420 mm drum lid
Art.014-1065-030 Follower plate Ø 400mm with spring
Art.902-0414-020 R6 1/2" hose 2,0 m length
with level valve rigid end 30°
Art.F96-0500-002 Quick disconnect coupling F 1/4"
Art.F96-0502-002 Quick disconnect coupling M 1/4"



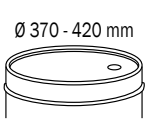
016-1152-C50

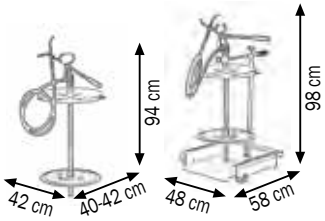


## Art. 016-1152-C50

**Wheeled manual transfer grease pump for drums of 50-60 kg**
**Suitable for filling plants, 400 g delivery each 10 cycles of the lever**
Composed by:
Art.016-1160-050 Manual transfer pump
Art.030-1395-000 4 wheels trolley
Art.014-1054-030 Ø 420 mm drum lid
Art.014-1065-030 Follower plate Ø 400mm with spring
Art.902-0414-020 R6 1/2" hose 2,0 m length
with level valve rigid end 30°
Art.F96-0500-002 Quick disconnect coupling F 1/4"
Art.F96-0502-002 Quick disconnect coupling M 1/4"

| | Kg | m³ | № |
|---|---|---|---|
| **016-1152-050** | 11,700 | 0,790 | 1 |
| **016-1152-C50** | 22,800 | 0,790 | 1 |



# OIL DISTRIBUTION

The air-operated oil pumps, fully designed and manufactured by MECLUBE, show remarkable operating features. They are fully made with electronic machine tools, the assembly is made with great care and the parts are carefully tested in order to assure the best guarantee of reliability and a long life. The type of used materials and manufacturing quality make these pumps suitable to work in the worst environment conditions.






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- **Brand new motion reverse device completely air operated, without cams**
- **Reduced number of worn parts**
- **Big amount of delivered oil with low air requirement**
- **High operating pressure**
- **Aluminum alloy body pump with electrolytic treatment that ensures very high corrosion strength**
- **High stressed elements in Fe 420 steel**



# OIL DISTRIBUTION INDEX




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DISPENSER BAR AND ACCESSORIES page 89



AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR FLUIDS page 94



ELECTRIC PUMPS KITS FOR OIL DISTRIBUTION page 112



DOUBLE-WALL TANKS FOR OIL “Multitank” AND “Tank in Tank” page 114



TANKS OF DUMP AND STOCKING SUITABLE FOR OIL-DISPENSING INSTALLATIONS page 116



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BRAKE BLEEDERS-CLUTCHES ELECTRIC BRAKE BLEEDER page 174

# AIR-OPERATED PUMPS FOR OIL AND SIMILAR FLUIDS Mod.501

## COMPRESSION RATIO = 1:1
## DELIVERY CAPACITY = 35 l/min



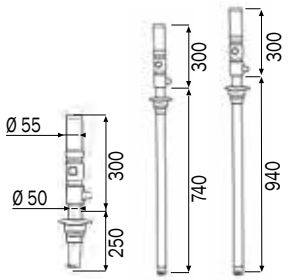

### Art. 020-0978-000
**Air-operated oil pump Mod.501**
**ratio=1:1 Delivery capacity 35 l/min**
For wall-fixing or fixed positions.
With additional accessories it allows to make different applications.
**Viton** seals

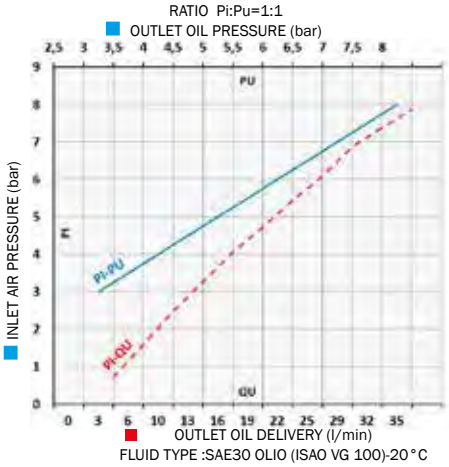
### Art. 020-0980-000
**Air-operated oil pump Mod.501**
**ratio=1:1 Delivery capacity 35 l/min**
For standard drums of **50-60 l**
(shank length 740 mm)
**Viton** seals

### Art. 020-0985-000
**Air-operated oil pump Mod.501**
**ratio=1:1 Delivery capacity 35 l/min**
For standard drums of **180–220 l**
(shank length 940 mm)
**Viton** seals

**With threaded ring for drum connection.**

| | Kg | m³ | |
|---|---|---|---|
| **020-0978-000** | 4,100 | 0,007 | 1 |
| **020-0980-000** | 5,500 | 0,013 | 1 |
| **020-0985-000** | 6,200 | 0,016 | 1 |




| Technical Data | | 020-0978-000 | 020-0980-000 | 020-0985-000 |
|---|---|---|---|---|
| Compression ratio | | 1:1 | 1:1 | 1:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 200 | 200 | 200 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G |
| Oil outlet connection | BSP | M 1/2" G | M 1/2" G | M 1/2" G |
| Oil delivery capacity 8 bar | l/min | 35 | 35 | 35 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 |
| Shank length | mm | 250 | 740 | 940 |
| For drums with capacity of | l | - | 50-60 | 180-220 |

These pumps are advised for the transfer of low viscosity oil (SAE 15/80), similar fluids and antifreeze, for short distances (5 – 10 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED PUMPS FOR OIL AND SIMILAR FLUIDS Mod.503

**COMPRESSION RATIO = 3:1**
**DELIVERY CAPACITY = 25 l/min**

### Art. 020-0988-000
**Air-operated oil pump Mod.503**
**ratio=3:1 Delivery capacity 25 l/min**
For wall-fixing or fixed positions.
With additional accessories it allows to make different applications.
**Viton** seals

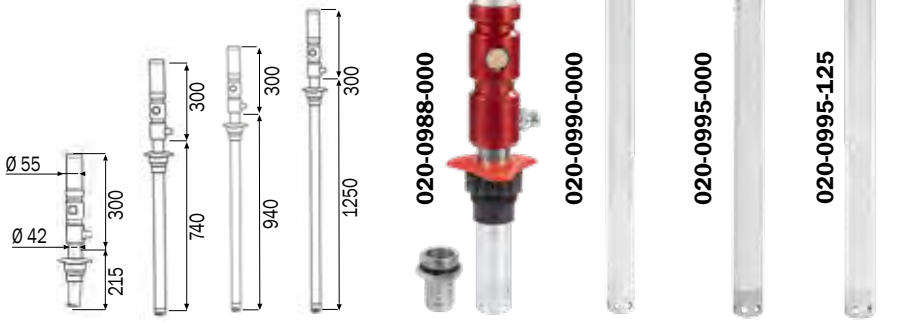
### Art. 020-0990-000
**Air-operated oil pump Mod.503**
**ratio=3:1 Delivery capacity 25 l/min**
For standard drums of **50-60 l**
(shank length 740 mm)
**Viton** seals

### Art. 020-0995-000
**Air-operated oil pump Mod.503**
**ratio=3:1 Delivery capacity 25 l/min**
For standard drums of **180-220 l**
(shank length 940 mm)
**Viton** seals

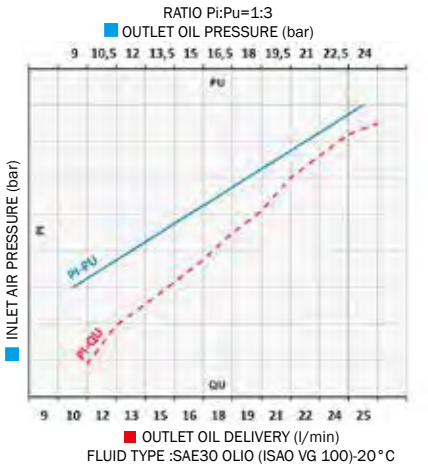
### Art. 020-0995-125
**Air-operated oil pump Mod.503**
**ratio=3:1 Delivery capacity 25 l/min**
For standard tanks of **750-1500 l**
(shank length 1250 mm)
**Viton** seals

**With threaded ring for drum connection.**

| | Kg | m³ | Nº |
|---|---|---|---|
| **020-0988-000** | 3,700 | 0,007 | 1 |
| **020-0990-000** | 5,000 | 0,013 | 1 |
| **020-0995-000** | 5,700 | 0,016 | 1 |
| **020-0995-125** | 6,700 | 0,019 | 1 |




| Technical Data | | 020-0988-000 | 020-0990-000 | 020-0995-000 | 020-0995-125 |
|---|---|---|---|---|---|
| Compression ratio | | 3:1 | 3:1 | 3:1 | 3:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 200 | 200 | 200 | 200 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G | F 1/4" G |
| Oil outlet connection | BSP | M 1/2" G | M 1/2" G | M 1/2" G | M 1/2" G |
| Oil delivery capacity 8 bar | l/min | 25 | 25 | 25 | 25 |
| Noise | dB | 80 | 80 | 80 | 80 |
| Shank diameter | mm | 42 | 42 | 42 | 42 |
| Shank length | mm | 215 | 740 | 940 | 1250 |
| For drums with capacity of | l | - | 50-60 | 180-220 | 750-1500 |




These pumps are advised for the transfer of low – medium viscosity oil (SAE 15/130), similar fluids and antifreeze, for short-medium distances (40 - 50 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED PUMPS FOR OIL AND SIMILAR FLUIDS Mod.601

## COMPRESSION RATIO = 1:1
## DELIVERY CAPACITY = 40 l/min

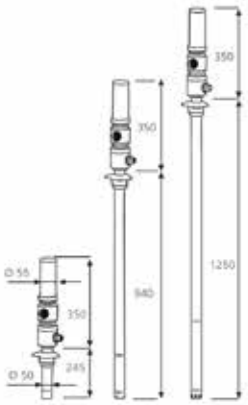



### Art. 020-1168-000
**Air-operated oil pump Mod.601**
**ratio=1:1 Delivery capacity 40 l/min**
For wall-fixing or fixed positions.
With additional accessories it allows to make different applications.
**Polyurethane** seals

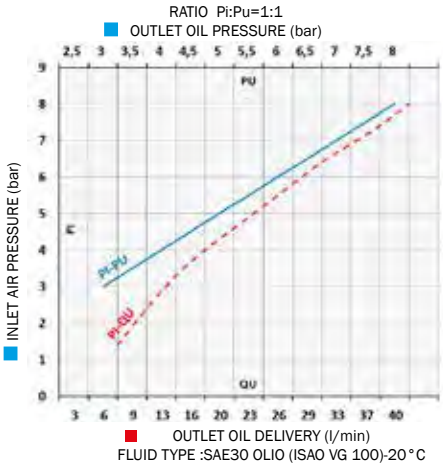
### Art. 020-1170-000
**Air-operated oil pump Mod.601**
**ratio=1:1 Delivery capacity 40 l/min**
For standard drums of **180–220 l**
(shank length 940 mm)
**Polyurethane** seals

### Art. 020-1172-000
**Air-operated oil pump Mod.601**
**ratio=1:1 Delivery capacity 40 l/min**
For standard tanks of **750–1500 l**
(shank length 1250 mm)
**Polyurethane** seals

**With threaded ring for drum connection.**



| | Kg | m³ | № |
|---|---|---|---|
| **020-1168-000** | 5,200 | 0,007 | 1 |
| **020-1170-000** | 7,300 | 0,016 | 1 |
| **020-1172-000** | 8,600 | 0,019 | 1 |




| Technical Data | | 020-1168-000 | 020-1170-000 | 020-1172-000 |
|---|---|---|---|---|
| Compression ratio | | 1:1 | 1:1 | 1:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 220 | 220 | 220 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G |
| Oil outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Oil delivery capacity 8 bar | l/min | 40 | 40 | 40 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 |
| Shank length | mm | 245 | 940 | 1250 |
| For drums with capacity of | l | - | 180-220 | 750-1500 |

These pumps are advised for the transfer of low viscosity oil (SAE 15/80), hydraulic oil, similar fluids and antifreeze, for short distances (5 – 10 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED OIL PUMPS Mod.603

## COMPRESSION RATIO = 3:1
## DELIVERY CAPACITY = 30 l/min

### Art. 020-1188-000
**Double-acting air-operated oil pump Mod.603**
**ratio=3:1 Delivery capacity 30 l/min**
For wall-fixing or fixed positions.
With additional accessories it allows
to make different applications.
**Polyurethane** seals

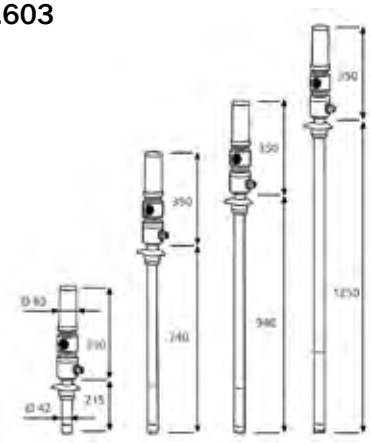
### Art. 020-1190-000
**Double-acting air-operated oil pump Mod.603**
**ratio=3:1 Delivery capacity 30 l/min**
For standard drums of **50-60 l**
(shank length 740 mm)
**Polyurethane** seals

### Art. 020-1195-000
**Double-acting air-operated oil pump Mod.603**
**ratio=3:1 Delivery capacity 30 l/min**
For standard drums of **180-220 l**
(shank length 940 mm)
**Polyurethane** seals

### Art. 020-1196-000
**Double-acting air-operated oil pump Mod.603**
**ratio=3:1 Delivery capacity 30 l/min**
For standard tanks of **750-1500 l**
(shank length 1250 mm)
**Polyurethane** seals

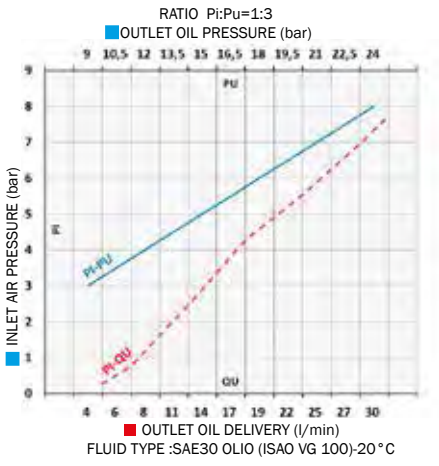
**With threaded ring for drum connection.**



| | Kg | m³ | Nº |
|---|---|---|---|
| **020-1188-000** | 5,300 | 0,007 | 1 |
| **020-1190-000** | 6,600 | 0,013 | 1 |
| **020-1195-000** | 7,200 | 0,016 | 1 |
| **020-1196-000** | 8,700 | 0,019 | 1 |

| Technical Data | | 020-1188-000 | 020-1190-000 | 020-1195-000 | 020-1196-000 |
|---|---|---|---|---|---|
| Compression ratio | | 3:1 | 3:1 | 3:1 | 3:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 220 | 220 | 220 | 220 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G | F 1/4" G |
| Oil outlet connection | BSP | M 1/2" G | M 1/2" G | M 1/2" G | M 1/2" G |
| Oil delivery capacity 8 bar | l/min | 30 | 30 | 30 | 30 |
| Noise | dB | 80 | 80 | 80 | 80 |
| Shank diameter | mm | 42 | 42 | 42 | 42 |
| Shank length | mm | 215 | 740 | 940 | 1250 |
| For drums with capacity of | l | - | 50-60 | 180-220 | 750-1500 |




These pumps are advised for the transfer of low - medium viscosity oil (SAE 15/130), and anti-freeze, for short-medium distances (40 - 50 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED OIL PUMPS Mod.605

## COMPRESSION RATIO = 5:1
## DELIVERY CAPACITY = 28 l/min




### Art. 020-1198-000
**Double-acting air-operated oil pump Mod.605**
**ratio=5:1 Delivery capacity 28 l/min**
For wall-fixing or fixed positions.
With additional accessories it allows
to make different applications.
**Polyurethane** seals

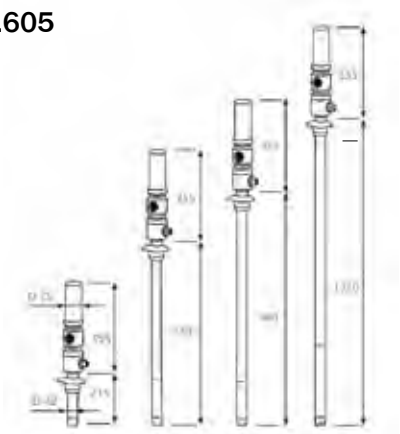
### Art. 020-1200-000
**Double-acting air-operated oil pump Mod.605**
**ratio=5:1 Delivery capacity 28 l/min**
For standard drums of **50-60 l**
(shank length 740 mm)
**Polyurethane** seals

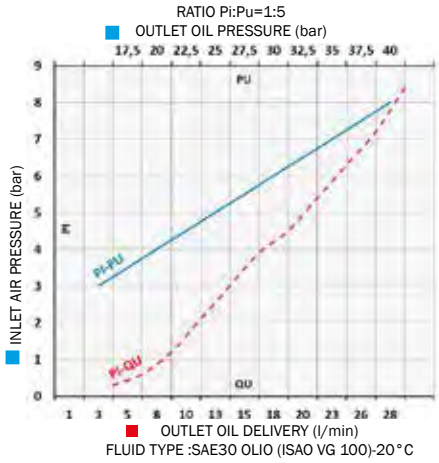
### Art. 020-1205-000
**Double-acting air-operated oil pump Mod.605**
**ratio=5:1 Delivery capacity 28 l/min**
For standard drums of **180-220 l**
(shank length 940 mm)
**Polyurethane** seals

### Art. 020-1206-000
**Double-acting air-operated oil pump Mod.605**
**ratio=5:1 Delivery capacity 28 l/min**
For standard tanks of **750-1500 l**
(shank length 1250 mm)
**Polyurethane** seals

**With threaded ring for drum connection.**

| | Kg | m³ | № |
|---|---|---|---|
| **020-1198-000** | 5,500 | 0,007 | 1 |
| **020-1200-000** | 6,800 | 0,013 | 1 |
| **020-1205-000** | 7,400 | 0,016 | 1 |
| **020-1206-000** | 8,900 | 0,019 | 1 |






| Technical Data | | 020-1198-000 | 020-1200-000 | 020-1205-000 | 020-1206-000 |
|---|---|---|---|---|---|
| Compression ratio | | 5:1 | 5:1 | 5:1 | 5:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 250 | 250 | 250 | 250 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G | F 1/4" G |
| Oil outlet connection | BSP | M 1/2" G | M 1/2" G | M 1/2" G | M 1/2" G |
| Oil delivery capacity 8 bar | l/min | 28 | 28 | 28 | 28 |
| Noise | dB | 80 | 80 | 80 | 80 |
| Shank diameter | mm | 42 | 42 | 42 | 42 |
| Shank length | mm | 215 | 740 | 940 | 1250 |
| For drums with capacity of | l | - | 50-60 | 180-220 | 750-1500 |

These pumps are advised for the transfer of medium-high viscosity oil (SAE 15/240), and anti-freeze, for medium-long distances (150 - 240 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED OIL PUMPS Mod.608

## COMPRESSION RATIO = 8:1
## DELIVERY CAPACITY = 20 l/min

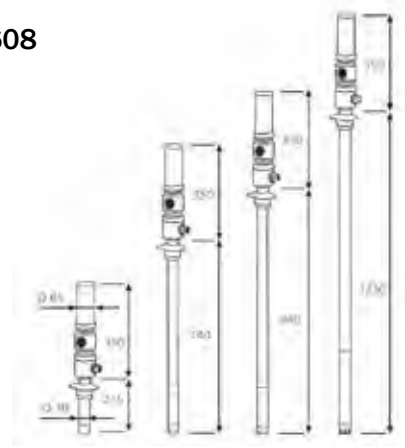
### Art. 020-1207-000
**Double-acting air-operated oil pump Mod.608**
**ratio=8:1 Delivery capacity 20 l/min**
For wall-fixing or fixed positions.
With additional accessories it allows
to make different applications.
**Polyurethane** seals

### Art. 020-1208-000
**Double-acting air-operated oil pump Mod.608**
**ratio=8:1 Delivery capacity 20 l/min**
For standard drums of **50-60 l**
(shank length 740 mm)
**Polyurethane** seals

### Art. 020-1210-000
**Double-acting air-operated oil pump Mod.608**
**ratio=8:1 Delivery capacity 20 l/min**
For standard drums of **180-220 l**
(shank length 940 mm)
**Polyurethane** seals

### Art. 020-1211-000
**Double-acting air-operated oil pump Mod.608**
**ratio=8:1 Delivery capacity 20 l/min**
For standard tanks of **750-1500 l**
(shank length 1250 mm)
**Polyurethane** seals

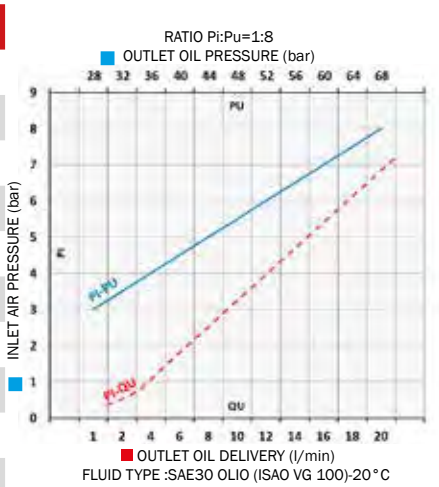
**With threaded ring for drum connection.**






| | Kg | m³ | Nº |
|---|---|---|---|
| **020-1207-000** | 4,900 | 0,007 | 1 |
| **020-1208-000** | 6,300 | 0,013 | 1 |
| **020-1210-000** | 7,000 | 0,016 | 1 |
| **020-1211-000** | 8,000 | 0,019 | 1 |

| Technical Data | | 020-1207-000 | 020-1208-000 | 020-1210-000 | 020-1211-000 |
|---|---|---|---|---|---|
| Compression ratio | | 8:1 | 8:1 | 8:1 | 8:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 220 | 220 | 220 | 220 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G | F 1/4" G |
| Oil outlet connection | BSP | M 1/2" G | M 1/2" G | M 1/2" G | M 1/2" G |
| Oil delivery capacity 8 bar | l/min | 20 | 20 | 20 | 20 |
| Noise | dB | 80 | 80 | 80 | 80 |
| Shank diameter | mm | 30 | 30 | 30 | 30 |
| Shank length | mm | 215 | 740 | 940 | 1250 |
| For drums with capacity of | l | - | 50-60 | 180-220 | 750-1500 |




These pumps are advised for the transfer of high viscosity oil (SAE 15/280), for medium-long distances (150 – 200 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.




## Art. 020-1176-0000

**Double-acting air-operated oil pump Mod.803 ratio=3:1 Delivery capacity 40 l/min**
For wall-fixing or fixed positions.
With additional accessories it allows to make different applications.
**Polyurethane** seals

## Art. 020-1178-000

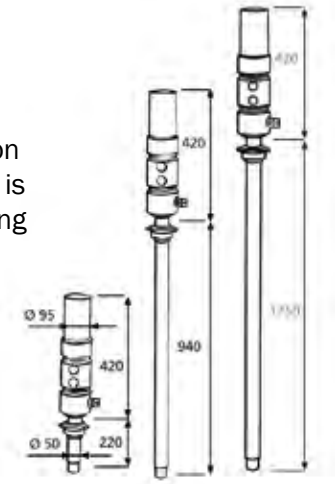
**Double-acting air-operated oil pump Mod.803 ratio=3:1 Delivery capacity 40 l/min**
For standard drums of **180–220 l**
(shank length 940 mm)
**Polyurethane** seals

## Art. 020-1179-000

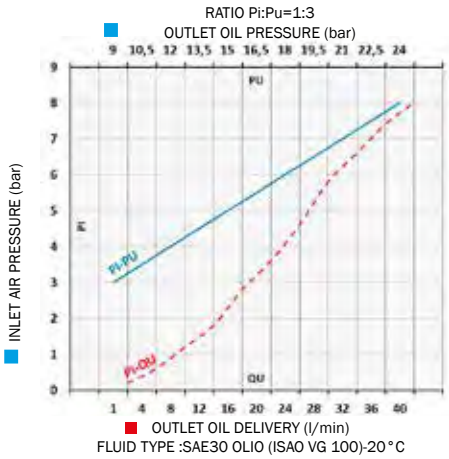
**Double-acting air-operated oil pump Mod.803 ratio=3:1 Delivery capacity 40 l/min**
For standard tanks of **750–1500 l**
(shank length 1250 mm)
**Polyurethane** seals

**With threaded ring for drum connection.**

They are suitable for workshops oil distribution applications for industrial vehicles in which it is requested a high delivery with more dispensing points.




| | Kg | m³ | |
|---|---|---|---|
| **020-1176-000** | 10,100 | 0,011 | 1 |
| **020-1178-000** | 11,700 | 0,023 | 1 |
| **020-1179-000** | 12,600 | 0,028 | 1 |




| Technical Data | | 020-1176-000 | 020-1178-000 | 020-1179-000 |
|---|---|---|---|---|
| Compression ratio | | 3:1 | 3:1 | 3:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 340 | 340 | 340 |
| Air inlet connection | BSP | F 3/8" G | F 3/8" G | F 3/8" G |
| Oil outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Oil delivery capacity 8 bar | l/min | 40 | 40 | 40 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 |
| Shank length | mm | 220 | 940 | 1250 |
| For drums with capacity of | l | - | 180-220 | 750-1500 |

These pumps are advised for the transfer of low-medium viscosity oil (SAE 15/130), and anti-freeze, for short-medium distances (40 – 50 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# HIGH DELIVERY AIR-OPERATED OIL PUMPS Mod.805

**COMPRESSION RATIO = 5:1** **DELIVERY CAPACITY = 35 l/min**

### Art. 020-1180-000
**Double-acting air-operated oil pump Mod.805**
**ratio=5:1 Delivery capacity 35 l/min**
For wall-fixing or fixed positions.
With additional accessories it allows
to make different applications.
**Polyurethane** seals

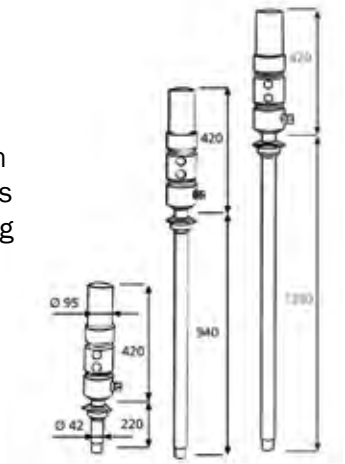
### Art. 020-1182-000
**Double-acting air-operated oil pump Mod.805**
**ratio=5:1 Delivery capacity 35 l/min**
For standard drums of **180–220 l**
(shank length 940 mm)
**Polyurethane** seals

### Art. 020-1183-000
**Double-acting air-operated oil pump Mod.805**
**ratio=5:1 Delivery capacity 35 l/min**
For standard tanks of **750–1500 l**
(shank length 1250 mm)
**Polyurethane** seals

**With threaded ring for drum connection.**

They are suitable for workshops oil distribution applications for industrial vehicles in which it is requested a high delivery with more dispensing points.

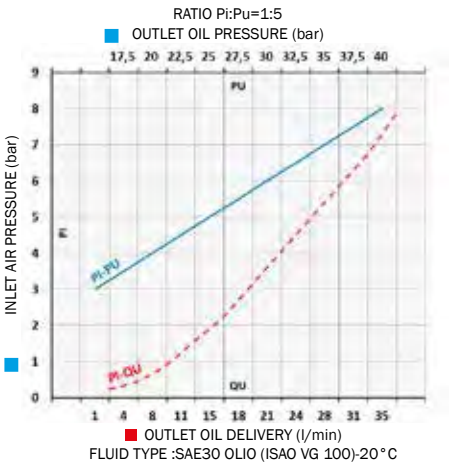
| | Kg | m³ | № |
|---|---|---|---|
| **020-1180-000** | 9,900 | 0,011 | 1 |
| **020-1182-000** | 11,300 | 0,023 | 1 |
| **020-1183-000** | 12,000 | 0,028 | 1 |







| Technical Data | | 020-1180-000 | 020-1182-000 | 020-1183-000 |
|---|---|---|---|---|
| Compression ratio | | 5:1 | 5:1 | 5:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 385 | 385 | 385 |
| Air inlet connection | BSP | F 3/8" G | F 3/8" G | F 3/8" G |
| Oil outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Oil delivery capacity 8 bar | l/min | 35 | 35 | 35 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 42 | 42 | 42 |
| Shank length | mm | 220 | 940 | 1250 |
| For drums with capacity of | l | - | 180-220 | 750-1500 |




These pumps are advised for the transfer of medium-high viscosity oil (SAE 15/240) and anti-freeze, for medium-long distances (150 – 200 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.




## Art. 020-1185-000

**Double-acting air-operated oil pump Mod.810 ratio=10:1 Delivery capacity 30 l/min**
For wall-fixing or fixed positions.
With additional accessories it allows to make different applications.
**Polyurethane** seals

## Art. 020-1186-000

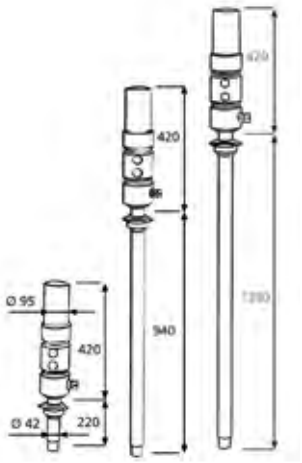
**Double-acting air-operated oil pump Mod.810 ratio=10:1 Delivery capacity 30 l/min**
For standard drums of **180–220 l**
(shank length 940 mm)
**Polyurethane** seals

## Art. 020-1187-000

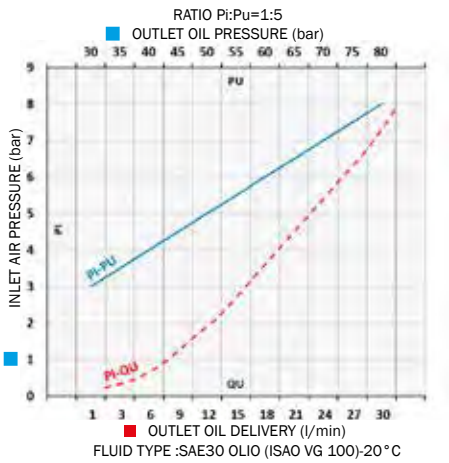
**Double-acting air-operated oil pump Mod.810 ratio=10:1 Delivery capacity 30 l/min**
For standard tanks of **750–1500 l**
(shank length 1250 mm)
**Polyurethane** seals

**With threaded ring for drum connection.**

They are suitable for workshops oil distribution applications for industrial vehicles in which it is requested a high delivery with more dispensing points.




| | Kg | m³ | № |
|---|---|---|---|
| **020-1185-000** | 10,300 | 0,011 | 1 |
| **020-1186-000** | 11,600 | 0,023 | 1 |
| **020-1187-000** | 12,800 | 0,028 | 1 |




| Technical Data | | 020-1185-000 | 020-1186-000 | 020-1187-000 |
|---|---|---|---|---|
| Compression ratio | | 10:1 | 10:1 | 10:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 385 | 385 | 385 |
| Air inlet connection | BSP | F 3/8" G | F 3/8" G | F 3/8" G |
| Oil outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Oil delivery capacity 8 bar | l/min | 30 | 30 | 30 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 42 | 42 | 42 |
| Shank length | mm | 220 | 940 | 1250 |
| For drums with capacity of | l | - | 180-220 | 750-1500 |

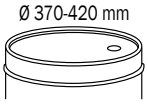
These pumps are advised for the transfer of medium-high viscosity oil (SAE 15/240) and anti-freeze, for medium-long distances (150 – 200 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

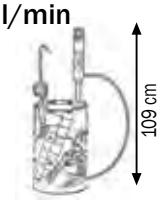
## Art. 022-1281-000
**Oil kit suitable for drums of 50–60 l**
Composed by:
Art.020-1200-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.906-0404-030 1SC 1/2" hose M-F 3,0 m length
Art.024-1233-C00 Oil digital dispensing nozzle

## Art. 022-1281-A00
**Oil kit suitable for drums of 50–60 l**
Composed like Art.022-1281-000 but with:
Art.020-1190-000 Air-operated oil pump **ratio=3:1 30 l/min**

## Art. 022-1281-B00
**Oil kit suitable for drums of 50–60 l**
Composed like Art.022-1281-000 but with:
Art.020-0990-000 Air-operated oil pump **ratio=3:1 25 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-1281-000** | 10,400 | 0,034 | 2 |
| **022-1281-A00** | 10,200 | 0,034 | 2 |
| **022-1281-B00** | 8,600 | 0,034 | 2 |





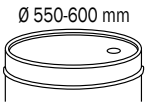
022-1281-000

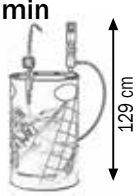
## Art. 022-1288-000
**Oil kit suitable for drums of 180-220 l**
Composed by:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.906-0404-030 1SC 1/2" hose M-F 3,0 m length
Art.024-1233-C00 Oil digital dispensing nozzle

## Art. 022-1288-A00
**Oil kit suitable for drums of 180-220 l**
Composed like Art.022-1288-000 but with:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**

## Art. 022-1288-B00
**Oil kit suitable for drums of 180-220 l**
Composed like Art.022-1288-000 but with:
Art.020-0995-000 Air-operated oil pump **ratio=3:1 25 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-1288-000** | 11,000 | 0,040 | 2 |
| **022-1288-A00** | 10,800 | 0,040 | 2 |
| **022-1288-B00** | 9,300 | 0,040 | 2 |



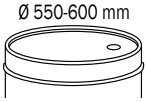


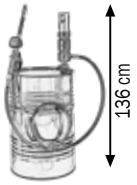
022-1288-000

## Art. 022-1289-000
**Oil kit suitable for drums of 180-220 l**
Composed by:
Art.020-1182-000 Air-operated oil pump **ratio=5:1 35 l/min**
Art.906-0505-030 1SC 3/4" hose M-F 3,0 m length
Art.024-1245-G00 High delivery oil digital dispensing nozzle

## Art. 022-1289-A00
**Oil kit suitable for drums of 180-220 l**
Composed like Art.022-1289-000 but with:
Art.020-1178-000 Air-operated oil pump **ratio=3:1 40 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-1289-000** | 17,500 | 0,044 | 2 |
| **022-1289-A00** | 17,900 | 0,044 | 2 |





022-1289-000



022-1280-000

## Art. 022-1280-000

**Wheeled oil kit suitable for drums of 50–60 l**

Composed by:

Art.020-1200-000 Air-operated oil pump **ratio=5:1 28 l/min**

Art.030-1395-000 4-wheels trolley

Art.906-0404-030 1SC 1/2” hose M-F 3,0 m length

Art.024-1231-C00 Oil dispensing nozzle

## Art. 022-1282-000

**Wheeled oil kit suitable for drums of 50–60 l**

Composed like Art.022-1280-000 but with:

Art.020-1190-000 Air-operated oil pump **ratio=3:1 30 l/min**

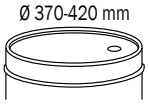
## Art. 022-1282-B00

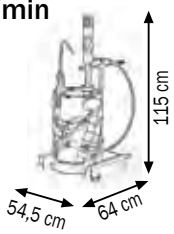
**Wheeled oil kit suitable for drums of 50–60 l**

Composed like Art.022-1280-000 but with:

Art.020-0990-000 Air-operated oil pump **ratio=3:1 25 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1280-000** | 22,800 | 0,085 | 2 |
| **022-1282-000** | 22,600 | 0,085 | 2 |
| **022-1282-B00** | 21,000 | 0,085 | 2 |






022-1283-000

## Art. 022-1283-000

**Wheeled oil kit suitable for drums of 50–60 l**

Composed by:

Art.020-1200-000 Air-operated oil pump **ratio=5:1 28 l/min**

Art.030-1395-000 4-wheels trolley

Art.906-0404-030 1SC 1/2” hose M-F 3,0 m length

Art.024-1233-C00 Oil digital dispensing nozzle

## Art. 022-1284-000

**Wheeled oil kit suitable for drums of 50–60 l**

Composed like Art.022-1283-000 but with:

Art.020-1190-000 Air-operated oil pump **ratio=3:1 30 l/min**

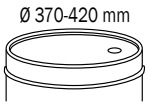
## Art. 022-1284-B00

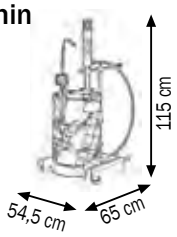
**Wheeled oil kit suitable for drums of 50–60 l**

Composed like Art.022-1283-000 but with:

Art.020-0990-000 Air-operated oil pump **ratio=3:1 25 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1283-000** | 23,400 | 0,085 | 2 |
| **022-1284-000** | 23,200 | 0,085 | 2 |
| **022-1284-B00** | 21,600 | 0,085 | 2 |






022-1285-000

## Art. 022-1285-000

**Wheeled oil kit suitable for drums of 180-220 l**

Composed by:

Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**

Art.030-1400-000 4-wheels trolley

Art.906-0404-030 1SC 1/2” hose M-F 3,0 m length

Art.024-1231-C00 Oil dispensing nozzle

## Art. 022-1287-000

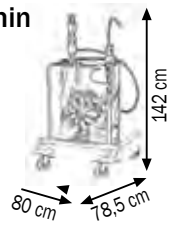
**Wheeled oil kit suitable for drums of 180-220 l**

Composed like Art.022-1285-000 but with:

Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1285-000** | 46,600 | 0,186 | 2 |
| **022-1287-000** | 46,400 | 0,186 | 2 |



## Art. 022-1290-000

**Wheeled oil kit suitable for drums of 180-220 l**

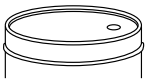
Composed by:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.030-1400-000 4-wheels trolley
Art.906-0404-030 1SC 1/2" hose M-F 3,0 m length
Art.024-1233-C00 Oil digital dispensing nozzle

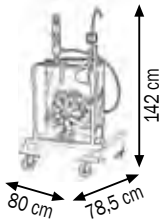
## Art. 022-1292-000

**Wheeled oil kit suitable for drums of 180-220 l**

Composed like Art.022-1290-000 but with:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1290-000** | 47,300 | 0,186 | 2 |
| **022-1292-000** | 47,100 | 0,186 | 2 |






**022-1290-000**

## Art. 022-1293-000

**Wheeled oil kit suitable for drums of 180-220 l**

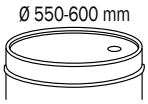
Composed by:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.030-1405-000 4-wheels trolley
Art.906-0404-030 1SC 1/2" hose M-F 3,0 m length
Art.024-1233-C00 Oil digital dispensing nozzle

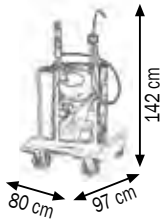
## Art. 022-1294-000

**Wheeled oil kit suitable for drums of 180-220 l**

Composed like Art.022-1293-000 but with:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1293-000** | 56,500 | 0,186 | 2 |
| **022-1294-000** | 56,300 | 0,186 | 2 |






**022-1293-000**

## Art. 022-1295-000

**Wheeled oil kit suitable for drums of 180-220 l**

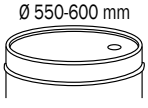
Composed by:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.030-1405-000 4-wheels trolley
Art.906-0424-015 1SC 1/2" hose F-F 1,5 m length
Art.070-1206-410 Hose reel with 1SC 1/2" hose 10,0 m length
Art.024-1233-C00 Oil digital dispensing nozzle

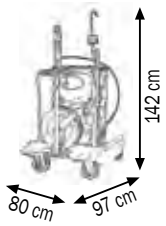
## Art. 022-1297-000

**Wheeled oil kit suitable for drums of 180-220 l**

Composed like Art.022-1295-000 but with:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1295-000** | 72,900 | 0,226 | 3 |
| **022-1297-000** | 72,700 | 0,226 | 3 |






**022-1295-000**



022-1298-A00

## Art. 022-1298-A00

**Wheeled oil kit suitable for drums of 180–220 l**

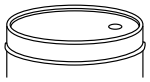
Composed by:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.030-1398-000 3-wheels trolley
Art.906-0404-030 1SC 1/2” hose M-F 3,0 m length
Art.024-1231-C00 Oil dispensing nozzle

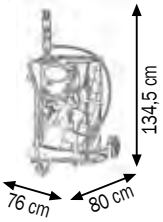
## Art. 022-1298-B00

**Wheeled oil kit suitable for drums of 180–220 l**

Composed like Art.022-1298-A00 but with:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1298-A00** | 31,500 | 0,186 | 2 |
| **022-1298-B00** | 31,300 | 0,186 | 2 |






022-1298-C00

## Art. 022-1298-C00

**Wheeled oil kit suitable for drums of 180–220 l**

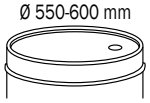
Composed by:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.030-1398-000 3-wheels trolley
Art.906-0404-030 1SC 1/2” hose M-F 3,0 m length
Art.024-1233-C00 Oil digital dispensing nozzle

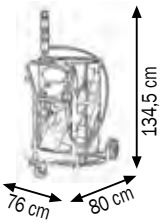
## Art. 022-1298-D00

**Wheeled oil kit suitable for drums of 180–220 l**

Composed like Art.022-1298-C00 but with:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1298-C00** | 32,300 | 0,186 | 2 |
| **022-1298-D00** | 32,000 | 0,186 | 2 |






022-1298-E00

## Art. 022-1298-E00

**Wheeled oil kit suitable for drums of 180–220 l**

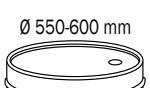
Composed by:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.030-1398-000 3-wheels trolley
Art.906-0424-015 1SC 1/2” hose F-F 1,5 m length
Art.070-1206-410 Hose reel with 1SC 1/2” hose 10,0 m length
Art.024-1233-C00 Oil digital dispensing nozzle

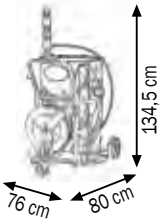
## Art. 022-1298-F00

**Wheeled oil kit suitable for drums of 180–220 l**

Composed like Art.022-1298-E00 but with:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1298-E00** | 48,500 | 0,226 | 3 |
| **022-1298-F00** | 48,300 | 0,226 | 3 |



## Art. 022-1299-A00

**Wheeled oil kit suitable for drums of 180–220 l**

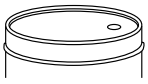
Composed by:
Art.020-0995-000 Air-operated oil pump **ratio=3:1 25 l/min**
Art.030-1398-000 3-wheels trolley
Art.906-0404-030 1SC 1/2” hose M-F 3,0 m length
Art.024-1231-C00 Oil dispensing nozzle

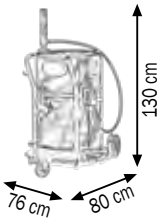
## Art. 022-1299-B00

**Wheeled oil kit suitable for drums of 180–220 l**

Composed like Art.022-1299-A00 but with:
Art.020-0985-000 Air-operated oil pump **ratio=1:1 35 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-1299-A00** | 29,800 | 0,186 | 2 |
| **022-1299-B00** | 30,300 | 0,186 | 2 |






**022-1299-A00**

## Art. 022-1299-C00

**Wheeled oil kit suitable for drums of 180–220 l**

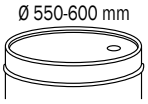
Composed by:
Art.020-0995-000 Air-operated oil pump **ratio=3:1 25 l/min**
Art.030-1398-000 3-wheels trolley
Art.906-0404-030 1SC 1/2” hose M-F 3,0 m length
Art.024-1233-C00 Oil digital dispensing nozzle

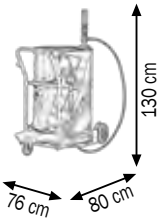
## Art. 022-1299-D00

**Wheeled oil kit suitable for drums of 180–220 l**

Composed like Art.022-1299-C00 but with:
Art.020-0985-000 Air-operated oil pump **ratio=1:1 35 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-1299-C00** | 30,500 | 0,186 | 2 |
| **022-1299-D00** | 31,000 | 0,186 | 2 |






**022-1299-C00**

## Art. 022-1299-E00

**Wheeled oil kit suitable for drums of 180–220 l**

Composed by:
Art.020-0995-000 Air-operated oil pump **ratio=3:1 25 l/min**
Art.030-1398-000 3-wheels trolley
Art.906-0424-015 1SC 1/2” hose F-F 1,5 m length
Art.070-1206-410 Hose reel with 1SC 1/2” M-F hose 10,0 m length
Art.024-1233-C00 Oil digital dispensing nozzle

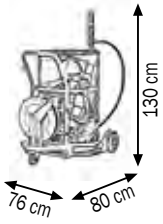
## Art. 022-1299-F00

**Wheeled oil kit suitable for drums of 180–220 l**

Composed like Art.022-1299-E00 but with:
Art.020-0985-000 Air-operated oil pump **ratio=1:1 35 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-1299-E00** | 46,800 | 0,226 | 3 |
| **022-1299-F00** | 47,300 | 0,226 | 3 |






**022-1299-E00**

# WHEELED OIL KITS WITH AIR-OPERATED DOUBLE DIAPHRAGM PUMP



022-2000-055

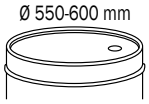
## Art. 022-2000-055

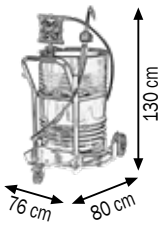
**Wheeled oil kit with air-operated diaphragm pump for drums 180-220 l**

Composed by:

Art.028-A055-TB1 Aluminium air-op. diaphragm pump **R=1:1 1/2" 55 l/min** with:
Suction hose with brass foot valve, threaded ring 940 mm l
Art.030-1398-000 3-wheels trolley
Art.906-0404-030 1SC 1/2"hose M-F lenght 3,0 m
Art.024-1233-C00 Oil digital dispensing nozzle
Art.F96-0100-404 Nipple 1/2"M-1/2"M BSP

| | Kg | m³ | № |
|---|---|---|---|
| **022-2000-055** | 31,600 | 0,233 | 2 |






022-2000-110

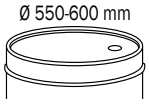
## Art. 022-2000-110

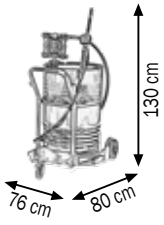
**Wheeled oil kit with air-operated diaphragm pump for drums 180-220 l**

Composed by:

Art.028-A110-TB1 Aluminium air-op. diaphragm pump **R=1:1 3/4" 110 l/min** with:
Suction hose with brass foot valve, threaded ring 940 mm l
Art.030-1398-000 3-wheels trolley
Art.906-0505-030 1SC 3/4"hose M-F lenght 3,0 m
Art.024-1245-H00 Oil digital dispensing nozzle
Art.F96-0100-505 Nipple 3/4 M- 3/4"M BSP

| | Kg | m³ | № |
|---|---|---|---|
| **022-2000-110** | 36,000 | 0,233 | 2 |






022-2010-110

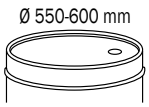
## Art. 022-2010-110

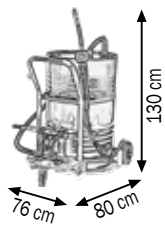
**Wheeled oil kit with air-operated diaphragm pump for drums 180-220 l**

Composed by:

Art.028-A110-AB1Aluminium air-op. diaphragm pump **R=1:1 3/4" 110 l/min**
Art.030-1398-000 3-wheels trolley
Art.025-1270-094 Shank hose kit l 940 mm+flex 2m + threaded ring
Art.R18-0855-255 Brass connection fixed rubber M3/4" Ø 25 mm
Art.906-0505-030 1SC 3/4"hose M-F lenght 3,0 m
Art.024-1245-H00 Oil digital dispensing nozzle
Art.F96-0100-505 Nipple 3/4 M- 3/4"M BSP

| | Kg | m³ | № |
|---|---|---|---|
| **022-2010-110** | 38,300 | 0,276 | 3 |






022-2010-170

## Art. 022-2010-170

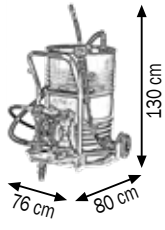
**Wheeled oil kit with air-operated diaphragm pump for drums 180-220 l**

Composed by:

Art.028-A170-AB1 Aluminium air-op. diaphragm pump **R=1:1 1" 170 l/min**
Art.030-1398-000 3-wheels trolley
Art.025-1270-094 Shank hose kit l 940 mm+flex 2m + threaded ring
Art.R18-0855-256 Brass connection fixed rubber M1" Ø 25 mm
Art.906-0505-030 1SC 3/4"hose M-F lenght 3,0 m
Art.024-1245-H00 Oil digital dispensing nozzle
Art.F96-0100-605 Nipple 1"M - 3/4"M BSP

| | Kg | m³ | № |
|---|---|---|---|
| **022-2010-170** | 50,600 | 0,283 | 3 |



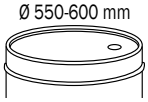



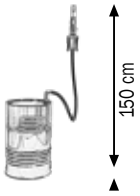
## Art. 022-1213-A00

**Wall-fixing oil kit for drums of 180-220 l**

Composed by:
Art.020-0988-000 Air-operated oil pump **ratio=3:1 25 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-094 Ø 42 mm suction tube 940 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-1213-A00** | 10,400 | 0,031 | 1 |





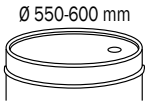

**022-1213-A00**

## Art. 022-1213-000

**Wall-fixing oil kit for drums of 180-220 l**

Composed by:
Art.020-1188-000 Double-acting air-operated oil pump **ratio=3:1 30 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-094 Ø 42 mm suction tube 940 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-1213-000** | 12,000 | 0,031 | 1 |









**022-1213-000**

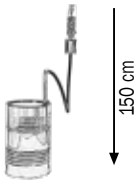
## Art. 022-1214-000

**Wall-fixing HIGH DELIVERY oil kit for drums and tanks 700 - 1.000 l**

Composed by:
Art.020-1176-000 Double-acting air-operated oil pump **ratio=3:1 40 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-125 Ø 42 mm suction tube 1250 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-1214-000** | 17,100 | 0,050 | 2 |






**022-1214-000**



022-1215-000

## Art. 022-1215-000

**Wall-fixing oil kit for drums of 180-220 l**

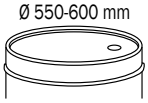
Composed by:
Art.020-1198-000 Double-acting air-operated oil pump **ratio=5:1 28 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-094 Ø 42 mm suction tube 940 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm

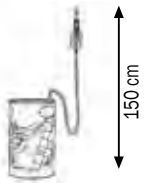
## Art. 022-1218-000

**Wall-fixing oil kit for drums of 180-220 l**

Composed like Art.022-1215-000 but with:
Art.020-1207-000 Double-acting air-operated oil pump **ratio=8:1 20 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1215-000** | 12,200 | 0,031 | 1 |
| **022-1218-000** | 11,600 | 0,031 | 1 |





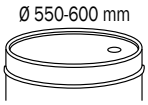

022-1216-000

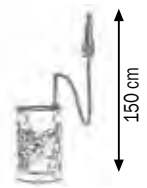
## Art. 022-1216-000

**Wall-fixing HIGH DELIVERY oil kit for drums and tanks 700 - 1.000 l**

Composed by:
Art.020-1180-000 Double-acting air-operated oil pump **ratio=5:1 35 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-125 Ø 42 mm suction tube 1250 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm

| | Kg | m³ | № |
|---|---|---|---|
| **022-1216-000** | 16,900 | 0,031 | 2 |





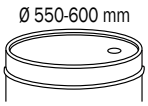

022-1217-000

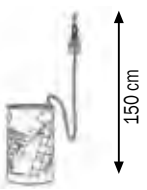
## Art. 022-1217-000

**Wall-fixing HIGH DELIVERY oil kit for drums and tanks 700 - 1.000 l**

Composed by:
Art.020-1185-000 Double-acting air-operated oil pump **ratio=10:1 30 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-125 Ø 42 mm suction tube 1250 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm

| | Kg | m³ | № |
|---|---|---|---|
| **022-1217-000** | 17,300 | 0,031 | 2 |



## Art. 022-1301-A10

**Wall-fixing oil kit for drums of 180–220 l**

Composed by:
Art.020-0995-000 Air-operated oil pump **ratio=3:1 30 l/min**
Art.070-1206-410 Fixed hose reel with 1SC 1/2” hose 10,0 m l
Art.906-0424-015 1SC 1/2” hose F-F1,5 m length
Art.024-1233-C00 Oil digital dispensing nozzle



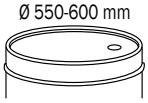
022-1301-A10

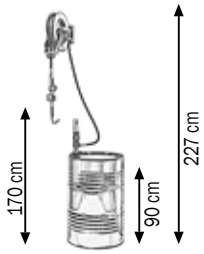
## Art. 022-1301-A15

**Wall-fixing oil kit for drums of 180–220 l**

Composed like Art.022-1301-A10 but with:
Art.070-1306-415 Fixed hose reel with 1SC 1/2” hose 15,0 m l

| | Kg | m³ | № |
|---|---|---|---|
| **022-1301-A10** | 25,700 | 0,127 | 3 |
| **022-1301-A15** | 30,900 | 0,137 | 3 |




## Art. 022-1301-C10

**Wall-fixing oil kit for drums of 180–220 l**

Composed by:
Art.020-0995-000 Air-operated oil pump **ratio=3:1 30 l/min**
Art.074-4506-410 Fixed closed hose reel with 1SC 1/2” hose 10,0 m l
Art.906-0424-015 1SC 1/2” hose F-F 1,5 m length
Art.024-1233-C00 Oil digital dispensing nozzle



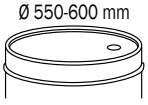
022-1301-C10

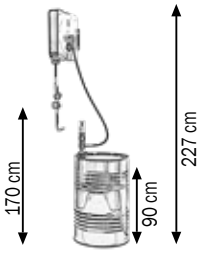
## Art. 022-1301-C15

**Wall-fixing oil kit for drums of 180–220 l**

Composed like Art.022-1301-C10 but with:
Art.074-4506-415 Fixed closed hose reel with 1SC 1/2” hose 15,0 m l

| | Kg | m³ | № |
|---|---|---|---|
| **022-1301-C10** | 34,500 | 0,127 | 3 |
| **022-1301-C15** | 37,600 | 0,137 | 3 |





022-1301-000

## Art. 022-1301-000

**Wall-fixing oil kit for drums of 180–220 l**

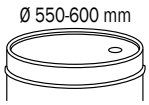
Composed by:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**
Art.071-1206-410 Swiveling hose reel with 1SC 1/2” hose 10,0 m l
Art.906-0424-015 1SC 1/2” hose F-F 1,5 m length
Art.024-1233-C00 Oil digital dispensing nozzle
Art.024-1785-000 Support for drops collection

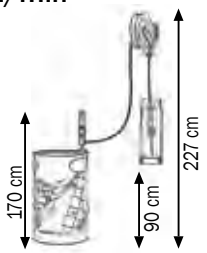
## Art. 022-1300-000

**Wall-fixing oil kit for drums of 180–220 l**

Composed like Art.022-1301-000 but with:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1301-000** | 33,800 | 0,164 | 4 |
| **022-1300-000** | 34,000 | 0,164 | 4 |






022-1301-C00

## Art. 022-1301-C00

**Wall-fixing oil kit for drums of 180–220 l**

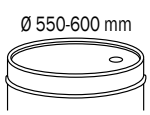
Composed by:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**
Art.075-4506-410 Swiveling closed hose reel with 1SC 1/2” hose 10,0 m l
Art.906-0424-015 1SC 1/2” hose F-F 1,5 m length
Art.024-1233-C00 Oil digital dispensing nozzle
Art.024-1785-000 Support for drops collection

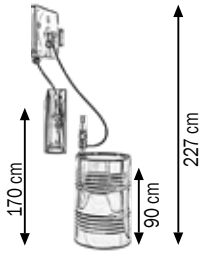
## Art. 022-1300-C00

**Wall-fixing oil kit for drums of 180–220 l**

Composed like Art.022-1301-C00 but with:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1301-C00** | 42,000 | 0,164 | 4 |
| **022-1300-C00** | 42,200 | 0,164 | 4 |



## Art. 022-1303-000

**Wall-fixing oil kit for drums of 180–220 l**

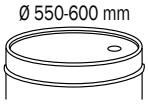
Composed by:
Art.020-1188-000 Air-operated oil pump **ratio=3:1 30 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-094 Ø 42 mm suction tube 940 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm
Art.071-1206-410 Swiveling hose reel with 1SC 1/2" hose 10,0 m l
Art.906-0434-008 1SC 1/2" hose F90°- F 0,8 m length
Art.024-1233-C00 Oil digital dispensing nozzle
Art.024-1785-000 Support for drops collection

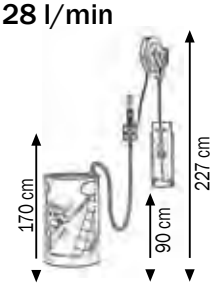
## Art. 022-1302-000

**Wall-fixing oil kit for drums of 180–220 l**

Composed like Art.022-1303-000 but with:
Art.020-1198-000 Air-operated oil pump kit **ratio=5:1 28 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1303-000** | 38,300 | 0,215 | 5 |
| **022-1302-000** | 38,500 | 0,215 | 5 |






**022-1303-000**

## Art. 022-1303-C00

**Wall-fixing oil kit for drums of 180–220 l**

Composed by:
Art.020-1188-000 Air-operated oil pump **ratio=3:1 30 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-094 Ø 42 mm suction tube 940 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm
Art.075-4506-410 Swiveling closed hose reel with 1SC 1/2" hose 10,0 m l
Art.906-0434-008 1SC 1/2" hose F90°- F 0,8 m length
Art.024-1233-C00 Oil digital dispensing nozzle
Art.024-1785-000 Support for drops collection

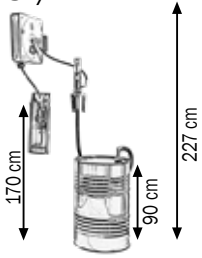
## Art. 022-1302-C00

**Wall-fixing oil kit for drums of 180–220 l**

Composed like Art.022-1303-C00 but with:
Art.020-1198-000 Air-operated oil pump kit **ratio=5:1 28 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **022-1303-C00** | 46,600 | 0,215 | 5 |
| **022-1302-C00** | 46,600 | 0,215 | 5 |






**022-1302-C00**



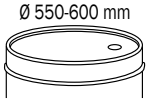
022-1313-515

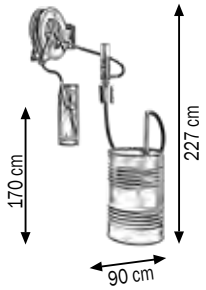
## Art. 022-1313-515

**Wall-fixing HIGH DELIVERY oil kit for drums of 180–220 l and tanks of 700-1000 l**

Composed by:
Art.020-1176-000 Air-operated oil pump **ratio=3:1 40 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-125 Ø 42 mm suction tube 1250 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm
Art.071-1406-515 Swiveling hose reel with 1SC 3/4" hose 15,0 m l
Art.906-0535-008 1SC 3/4" hose F90°- F 0,8 m length
Art.024-1245-G00 High delivery oil digital dispensing nozzle
Art.024-1785-000 Support for drops collection

| | Kg | m³ | № |
|---|---|---|---|
| **022-1313-515** | 62,900 | 0,233 | 4 |






022-1315-515

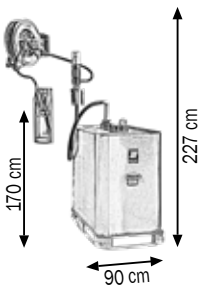
## Art. 022-1315-515

**Wall-fixing HIGH DELIVERY oil kit for drums of 180–220 l and tanks of 700-1000 l**

Composed by:
Art.020-1180-000 Air-operated oil pump **ratio=5:1 35 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-125 Ø 42 mm suction tube 1250 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm
Art.071-1406-515 Swiveling hose reel with 1SC 3/4" hose 15,0 m l
Art.906-0535-008 1SC 3/4" hose F90°- F 0,8 m length
Art.024-1245-G00 High delivery oil digital dispensing nozzle
Art.024-1785-000 Support for drops collection

The tank is not included in the oil kit

| | Kg | m³ | № |
|---|---|---|---|
| **022-1315-515** | 62,700 | 0,233 | 4 |



## Art. 022-1880-000

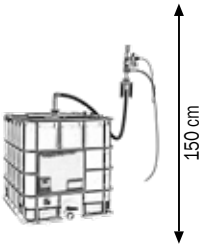
**Wall-fixing oil kit for IBC tanks 1000 l**

Composed by:
Art.020-1198-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.014-1048-000 Regulator with filter and air lubricator 1/4”
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-125 Ø 42 mm suction tube 1250 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm
Art.906-0434-008 1SC 1/2” hose F90°- F 0,8 m length
Art.902-0202-020 R6 5/16”Hose 1/4” M-F 2,0 m length
Art.F96-0100-404 Nipple 1/2” M-1/2” M
Art.025-1267-000 Tank-fixing bracket

## Art. 022-1882-000

**Wall-fixing oil kit for IBC tanks 1000 l**

Composed like Art.022-1880-000 but with:
Art.020-1188-000 Air-operated oil pump **ratio=3:1 30 l/min**






**022-1880-000**

The tank is not included in the oil kit

| | Kg | m³ | № |
|---|---|---|---|
| **022-1880-000** | 25,600 | 0,031 | 3 |
| **022-1882-000** | 25,400 | 0,031 | 3 |

## Art. 022-1884-000

**Wall-fixing HIGH DELIVERY oil kit for IBC tanks 1000 l**

Composed by:
Art.020-1180-000 Air-operated oil pump **ratio=5:1 35 l/min**
Art.014-1048-B00 Regulator with filter and air lubricator 1/2”
Art.025-1265-000 Wall-fixing bracket
Art.025-1268-125 Ø 42 mm suction tube 1250 mm lenght
Art.025-1262-000 Ø 42 mm threaded ring
Art.910-0600-020 Flexible hose Ø 25 2,0 m length
Art.B27-1132-035 N.2 stainless steel screw clamps 32-35 mm
Art.906-0535-008 1SC 3/4” hose F90°- F 0,8 m length
Art.902-0404-020 R6 1/2”Hose 1/2” M-F 2,0 m length
Art.F96-0100-505 Nipple 3/4” M-3/4” M
Art.025-1267-000 Tank-fixing bracket

## Art. 022-1886-000

**Wall-fixing HIGH DELIVERY oil kit for IBC tanks 1000 l**

Composed like Art.022-1884-000 but with:
Art.020-1176-000 Air-operated oil pump **ratio=3:1 40 l/min**






**022-1884-000**

The tank is not included in the oil kit

| | Kg | m³ | № |
|---|---|---|---|
| **022-1884-000** | 31,200 | 0,031 | 3 |
| **022-1886-000** | 31,400 | 0,031 | 3 |

It is a modular solution that allows the oil delivery with connection to a centralized system, to a hose reel or directly to the delivery hose.



022-1888-000

## Art. 022-1888-000

**Oil kit for IBC tanks 1000 l**

Composed by:
Art.020-1206-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.014-1048-000 Regulator with filter and air lubricator 1/4”
Art.906-0424-020 1SC 1/2” hose F-F 2,0 m length
Art.902-0202-020 R6 5/16” hose 1/4 M-F 2,0 m length
Art.F96-0100-404 Nipple 1/2” M-1/2” M
Art.025-1267-000 Tank-fixing bracket

## Art. 022-1890-000

**Oil kit for IBC tanks 1000 l**

Composed like Art.022-1888-000 but with:
Art.020-1196-000 Air-operated oil pump **ratio=3:1 30 l/min**

The tank is not included in the oil kit




| | Kg | m³ | № |
|---|---|---|---|
| **022-1888-000** | 22,200 | 0,042 | 2 |
| **022-1890-000** | 22,000 | 0,042 | 2 |



022-1892-000

## Art. 022-1892-000

**HIGH DELIVERY oil kit for IBC tanks 1000 l**

Composed by:
Art.020-1183-000 Air-operated oil pump **ratio=5:1 35 l/min**
Art.014-1048-B00 Regulator with filter and air lubricator 1/2”
Art.906-0525-020 1SC 3/4” hose F-F 2,0 m length
Art.902-0404-020 R6 1/2”hose M-F 2,0 m length
Art.F96-0100-505 Nipple 3/4” M-3/4” M
Art.025-1267-000 Tank-fixing bracket

## Art. 022-1894-000

**HIGH DELIVERY oil kit for IBC tanks 1000 l**

Composed like Art.022-1892-000 but with:
Art.020-1179-000 Air-operated oil pump **ratio=3:1 40 l/min**

The tank is not included in the oil kit




| | Kg | m³ | № |
|---|---|---|---|
| **022-1892-000** | 26,700 | 0,051 | 2 |
| **022-1894-000** | 27,300 | 0,051 | 2 |

It is a modular solution that allows the oil delivery with connection to a centralized system, to a hose reel or directly to the delivery hose.

## Art. 022-1895-000

**Oil kit for IBC tanks 1000 l**

Composed by:
Art.020-1206-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.014-1048-000 Regulator with filter and air lubricator 1/4”
Art.906-0434-008 1SC 1/2” hose F-F 0,8 m length
Art.902-0202-020 R6 5/16” hose 1/4” M-F 2,0 m length
Art.070-1206-410 Fixed hose reel 1/2” 10,0 m length
Art.024-1233-C00 Oil digital nozzle
Art.024-1785-000 Support for drops collection
Art.025-1267-000 Tank-fixing bracket
Art.025-1267-B00 Fixing bracket for drops collection



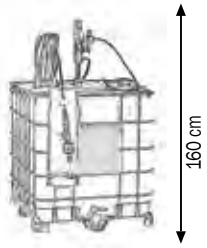
**022-1895-000**

The tank is not included in the oil kit

## Art. 022-1896-000

**Oil kit for IBC tanks 1000 l**

Composed like Art.022-1895-000 but with:
Art.020-1196-000 Air-operated oil pump **ratio=3:1 30 l/min**




| | Kg | m³ | № |
|---|---|---|---|
| **022-1895-000** | 46,700 | 0,120 | 4 |
| **022-1896-000** | 46,500 | 0,120 | 4 |

## Art. 022-1898-000

**HIGH DELIVERY oil kit for IBC tanks 1000 l**

Composed by:
Art.020-1183-000 Air-operated oil pump **ratio=5:1 35 l/min**
Art.014-1048-B00 Regulator with filter and air lubricator 1/2”
Art.906-0424-015 1SC 1/2” hose F-F 1,5 m length
Art.902-0404-020 R6 1/2” hose M-F 2,0 m length
Art.074-4506-410 Fixed closed hose reel 1/2” 10,0 m length
Art.024-1233-C00 Oil digital nozzle
Art.024-1785-000 Support for drops collection
Art.025-1267-000 Tank-fixing bracket
Art.025-1267-B00 Fixing bracket for drops collection



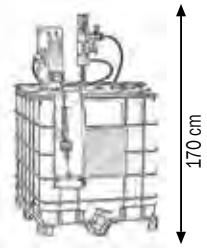
**022-1898-000**

The tank is not included in the oil kit

## Art. 022-1899-000

**HIGH DELIVERY oil kit for IBC tanks 1000 l**

Composed like Art.022-1898-000 but with:
Art.020-1179-000 Air-operated oil pump **ratio=3:1 40 l/min**




| | Kg | m³ | № |
|---|---|---|---|
| **022-1898-000** | 59,600 | 0,130 | 4 |
| **022-1899-000** | 60,200 | 0,130 | 4 |

It is a complete solution that constitutes an independent working station. The pump, the hose reel and the support for drops collection are fixed directly to the tank by the supporting bracket.



022-1900-000

The tank is not included in the oil kit

## Art. 022-1900-000

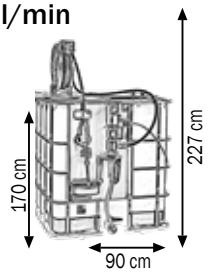
**Oil kit for IBC tank 1000 l with frontal pump**

Composed by:
Art.020-1198-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.014-1048-000 Regulator with filter and air lubricator 1/4”
Art.025-5810-000 Frontal bracket for IBC tank
Art.025-1265-000 Wall-fixing bracket
Art.025-1267-000 Tank-fixing bracket
Art.070-1206-410 Fixed hose reel 1/2” 10,0 m length
Art.099-6010-000 Connections for IBC S60X6
Art.902-0202-020 R6 5/16” hose 1/4” M-F 2,0 m length
Art.906-0424-015 1SC 1/2” hose F-F 1,5 m length
Art.911-0500-005 Suction PVC spiral hose Ø 20 mm 0,5 m l
Art.B27-1120-032 N. 2 stainless steel screw clamps 20-32 mm
Art.024-1233-C00 Oil digital dispensing nozzle
Art.F24-9106-001 Removable basin for drops collection

## Art. 022-1903-000

**Oil kit for IBC tank 1000 l with frontal pump**

Composed like Art.022-1900-000 but with:
Art.020-1188-000 Air-operated oil pump **ratio=3:1 30 l/min**




| | Kg | m³ | № |
|---|---|---|---|
| **022-1900-000** | 49,100 | 0,130 | 4 |
| **022-1903-000** | 48,900 | 0,130 | 4 |



022-1913-000

The tank is not included in the oil kit

## Art. 022-1915-000

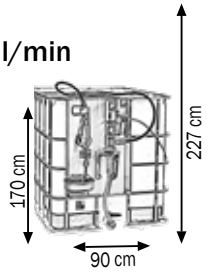
**Oil kit for IBC tank 1000 l with frontal pump**

Composed by:
Art.020-1198-000 Air-operated oil pump **ratio=5:1 28 l/min**
Art.014-1048-000 Regulator with filter and air lubricator 1/4”
Art.025-5810-000 Frontal bracket for IBC tank
Art.025-1265-000 Wall-fixing bracket
Art.099-6010-000 Connections for IBC S60X6
Art.902-0202-020 R6 5/16” hose 1/4” M-F 2,0 m length
Art.906-0404-030 1SC 1/2” hose M-F 3,0 m length
Art.911-0500-005 Suction PVC spiral hose Ø 20 mm 0,5 m l
Art.B27-1120-032 N. 2 stainless steel screw clamps 20-32 mm
Art.024-1233-C00 Oil digital dispensing nozzle
Art.F24-9106-001 Removable basin for drops collection

## Art. 022-1913-000

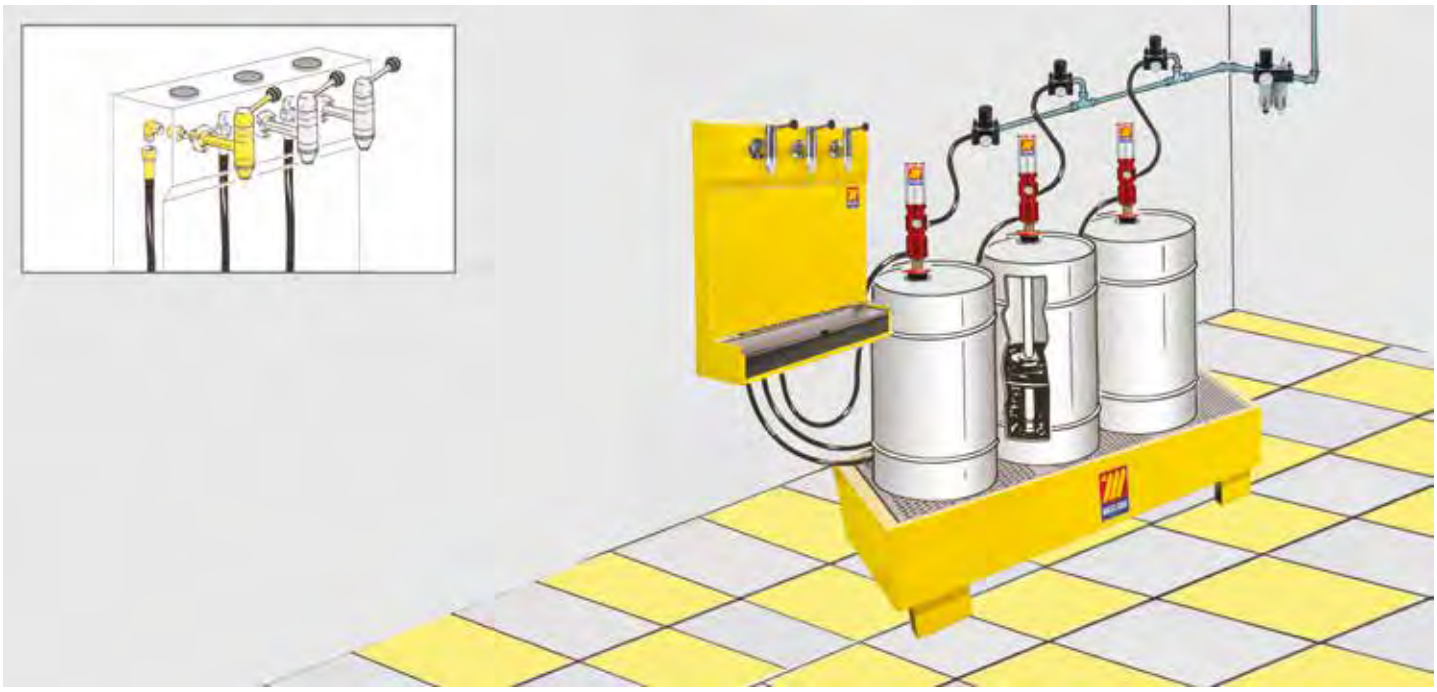
**Oil kit for IBC tank 1000 l with frontal pump**

Composed like Art.022-1915-000 but with:
Art.020-1188-000 Air-operated oil pump **ratio=3:1 30 l/min**

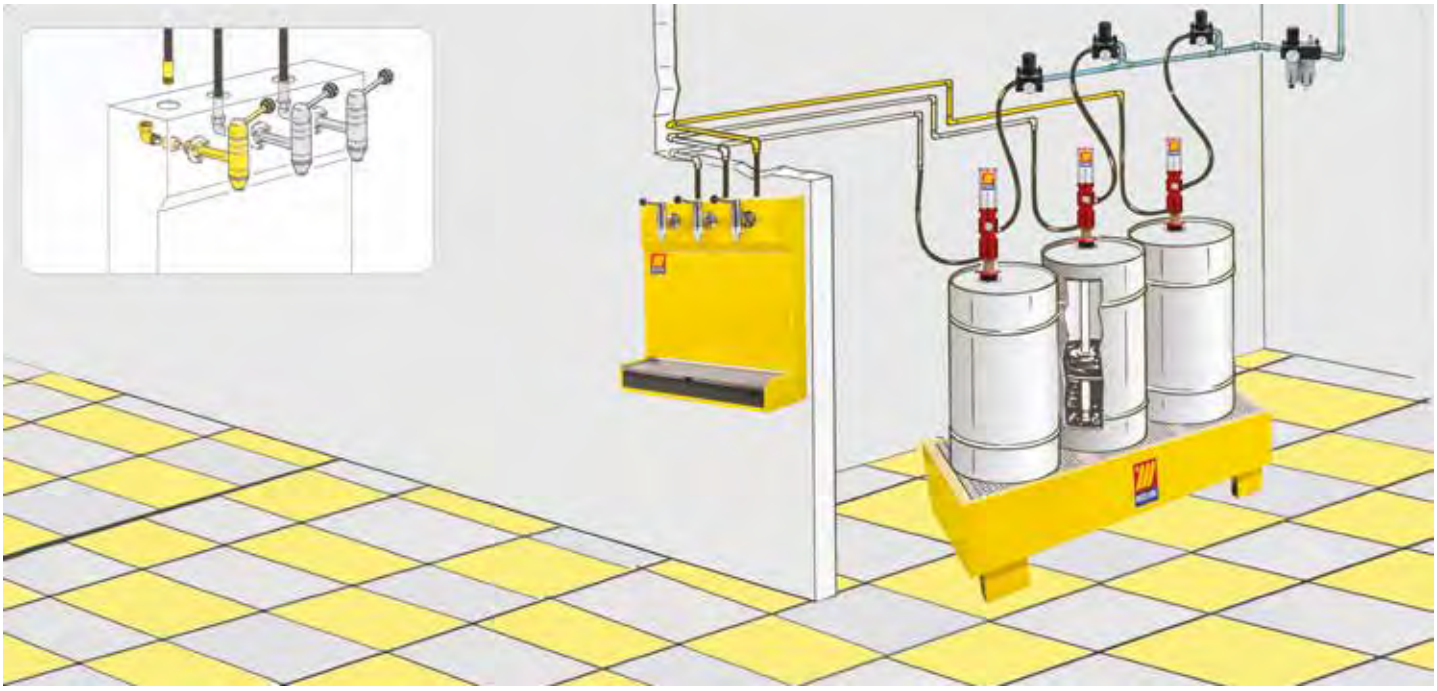



| | Kg | m³ | № |
|---|---|---|---|
| **022-1915-000** | 22,200 | 0,070 | 2 |
| **022-1913-000** | 22,000 | 0,070 | 2 |

Example of installation with flexible hose



Example of installation with fixed system



It is an alternative solution for those situations in which there are no hose-reels. It assures a quick and clean delivery, and without waste of lubricating oils for the different needs.
Connected to an air-operated pump (one for eachcock) and using the cock lever the dispenser is always ready.
It is always supplied with an operating cock, it is pre-designed for other two cocks and it allows the simultaneous delivery of three different types of fluid.



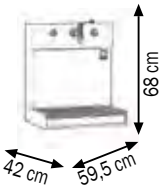
027-1340-000

## Art. 027-1340-000

**Oil bar dispenser**

Composed by:
N. 1 Cock with lever (Art.027-1348-000)
Removable basin for drops collection
Supporting grate

| | Kg | m³ | Nº |
|---|---|---|---|
| 027-1340-000 | 23,900 | 0,086 | 1 |





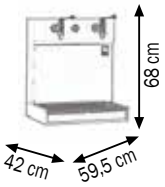

027-1340-B00

## Art. 027-1340-B00

**Oil bar dispenser**

Composed by:
N. 2 Cocks with lever (Art.027-1348-000)
Removable basin for drops collection
Supporting grate

| | Kg | m³ | Nº |
|---|---|---|---|
| 027-1340-B00 | 25,600 | 0,086 | 1 |





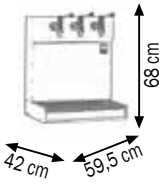

027-1340-C00

## Art. 027-1340-C00

**Oil bar dispenser**

Composed by:
N. 3 Cocks with lever (Art.027-1348-000)
Removable basin for drops collection
Supporting grate

| | Kg | m³ | Nº |
|---|---|---|---|
| 027-1340-C00 | 27,100 | 0,086 | 1 |





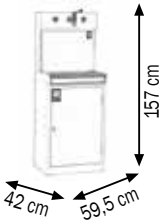

027-1344-000

## Art. 027-1344-000

**Oil bar dispenser with cabinet**

Composed by:
Art.027-1340-000 Bar dispenser with 1 Cock and lever
Art.027-1352-000 Cabinet 1 door with lock,
inside drawer and two shelves

| | Kg | m³ | Nº |
|---|---|---|---|
| 027-1344-000 | 53,900 | 0,314 | 1 |

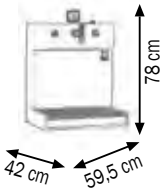


## Art. 027-1342-000

**Oil bar dispenser with digital flow meter**

Composed by:
N.1 Digital flow meter (Art.027-1351-000)
N.1 Cock with lever (Art.027-1348-000)
Removable basin for drops collection
Supporting grate

| | Kg | m³ | № |
|---|---|---|---|
| **027-1342-000** | 24,400 | 0,086 | 1 |





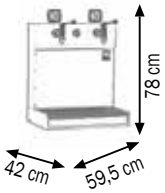

**027-1342-000**

## Art. 027-1342-B00

**Oil bar dispenser with digital flow meters**

Composed by:
N. 2 Digital flow meters (Art.027-1351-000)
N. 2 Cocks with lever (Art.027-1348-000)
Removable basin for drops collection
Supporting grate

| | Kg | m³ | № |
|---|---|---|---|
| **027-1342-B00** | 26,500 | 0,086 | 1 |





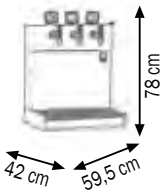

**027-1342-B00**

## Art. 027-1342-C00

**Oil bar dispenser with digital flow meters**

Composed by:
N. 3 Digital flow meters (Art.027-1351-000)
N. 3 Cocks with lever (Art.027-1348-000)
Removable basin for drops collection
Supporting grate

| | Kg | m³ | № |
|---|---|---|---|
| **027-1342-C00** | 28,600 | 0,086 | 1 |





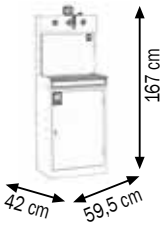

**027-1342-C00**

## Art. 027-1346-000

**Oil bar dispenser with cabinet and digital flow meter**

Composed by:
Art.027-1342-000 Bar dispenser with 1 Cock and lever
Art.027-1352-000 Cabinet 1 door with lock,
inside drawer and two shelves

| | Kg | m³ | № |
|---|---|---|---|
| **027-1346-000** | 54,400 | 0,314 | 2 |






**027-1346-000**



027-1347-000

**Art. 027-1347-000**
**Oil kit for drums of 180-220 l with cock lever**
Composed by:
Art.020-1195-000 Air-operated oil pump **ratio=3:1** bar
Art.027-1349-000 Cock with lever
Art.027-1350-000 Support for decanter
**For the distribution of low and high viscosity oil**
**They are suitable for the application directly on the oil tank**



027-1348-000

**Art. 027-1348-000**
**Cock with lever for bar dispenser**
A little pressure is enough to make the oil flow without sprays

**Art. 027-1348-A00**
**Cock with lever for dispenser bar**
For the delivery of anti-freeze liquid



027-1349-000

**Art. 027-1349-000**
**Cock with lever for application on oil pump**
With elbow connection



027-1350-000

**Art. 027-1350-000**
**Support for decanter**



027-1351-000

**Art. 027-1351-000**
**Digital flow meter kit for bar dispenser**
Composed by:
Digital flow meter (Art.024-1234-000)
1/2” connection



027-1351-K00

**Art. 027-1351-K00**
**Connection hose kit for bar dispenser**
Composed by:
1SC 1/2” m-f hose 3,0 m length
1/2” F-F L connection
1/2” nipple



# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR FLUIDS



Meclube brand-new **patented** industrial pumps, fully designed and manufactured by Meclube, have remarkable practical features assuring high performances, both for what concerns the quantity and the use at high pressure.
The technical quality, the choice of materials and the treatments of tempering and grinding result in the reduction of wear and make these pumps suitable to work reliablly in the worst environmental conditions.

- **Brand new fully air-operated motion reverse device, without cams and springs. It has been internally improved to reduce to the minimum the reversal time and to improve the supply of the fluid.**
- **Reduced number of wearing parts**
- **The double effect shank grants a higher quantity of delivered oil with constant and continuous flow**
- **High pressure during the functioning, with constant power on all the motion path**
- **The body of the pump is in steel fusion with high silicon level, with electrolytic nickel treatment and chromium plating that ensures high resistance to corrosive agents.**



- **Elements that undergo big stress are in steel 18 NiCrMo 6 and afterwards they are treated and rebored to grant the robustness and minimum frictions.**
- **The pump has a modular structure of high robustness, suitable for heavy duty usages.**

## AIR-OPERATED INDUSTRIAL FLANGED PUMPS

Air-operated engine body and shank group kit up a unique body.
On the basis of the engine will be applyed a bracket with handles that help the movement and the fixing in other applications.

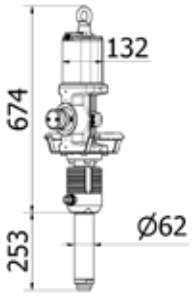
## AIR-OPERATED INDUSTRIAL DISJOINT PUMPS

Air-operated engine body and shank group are separate, in this way the fluid doesn't go in contact directly with the engine body.
They are suitable for the transfer of oil and industrial and chemical fluids with aggressive characteristics.
They grant high performance as delivery (l/min) and also as pressure in the using of application.

## Art. 021-0905-000

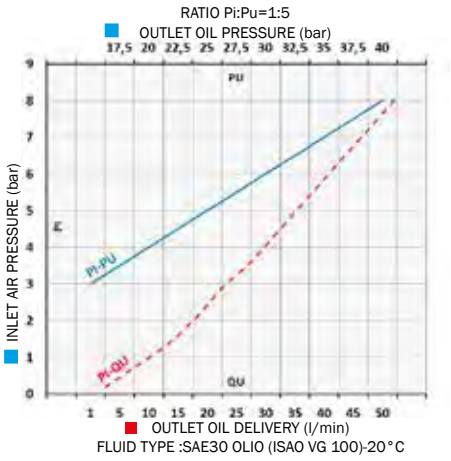
**Air-operated industrial oil pump Mod. 905 flanged**
**Ratio=5:1 double-acting Delivery capacity 50 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals




| | | | |
|---|---|---|---|
| **021-0905-000** | 24,400 | 0,110 | 1 |

| Technical Data | | 021-0905-000 |
|---|---|---|
| Compression ratio | | 5:1 |
| Working pressure | bar | 8 |
| Air consumption at 8 bar | m³/min | 1,75 |
| Air inlet connection | BSP | F 1/2" G |
| Fluid outlet connection | BSP | M 3/4" G |
| Fluid delivery cap. at 8 bar | l/min | 50 |
| Noise | dB | 80 |
| Shank diameter | mm | 62 |
| Shank length | mm | Modular F1" |




These pumps are advised for the transfer of low-high viscosity oil and similar fluids for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.
The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

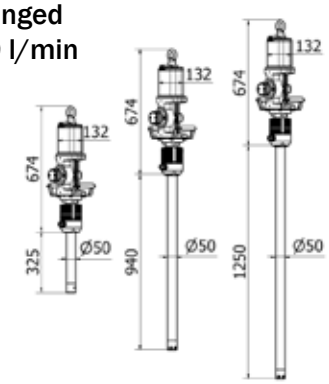
# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR FLUIDS
## Mod. 908 FLANGED
**COMPRESSION RATIO = 8:1** **DELIVERY CAPACITY = 40 l/min**



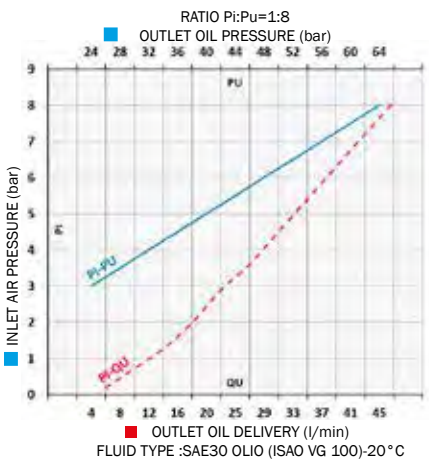

### Art. 021-0908-000
**Air-operated industrial oil pump Mod. 908 flanged**
**Ratio=8:1 double-acting Delivery capacity 40 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals

### Art. 021-0908-094
**Air-operated industrial oil pump Mod. 908 flanged**
**Ratio=8:1 double-acting Delivery capacity 40 l/min**
For drums of **180-220 l**
**Polyurethane** seals

### Art. 021-0908-125
**Air-operated industrial oil pump Mod. 908 flanged**
**Ratio=8:1 double-acting Delivery capacity 40 l/min**
For tanks of **750-1500 l**
**Polyurethane** seals




| | Kg | m³ | № |
|---|---|---|---|
| **021-0908-000** | 23,000 | 0,110 | 1 |
| **021-0908-094** | 25,900 | 0,150 | 1 |
| **021-0908-125** | 27,600 | 0,180 | 1 |




| Technical Data | | 021-0908-000 | 021-0908-094 | 021-0908-125 |
|---|---|---|---|---|
| Compression ratio | | 8:1 | 8:1 | 8:1 |
| Working pressure | bar | 8 | 8 | 8 |
| Air consumption at 8 bar | m³/min | 1,75 | 1,75 | 1,75 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Fluid outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Fluid delivery cap. at 8 bar | l/min | 40 | 40 | 40 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 |
| Shank length | mm | Modular F 1" | 940 | 1250 |
| For drums | l | - | 180-220 | 750-1500 |

These pumps are advised for the transfer of low-high viscosity oil and similar fluids for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.
The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR FLUIDS
## Mod. 910 FLANGED
**COMPRESSION RATIO = 10:1** **DELIVERY CAPACITY = 35 l/min**

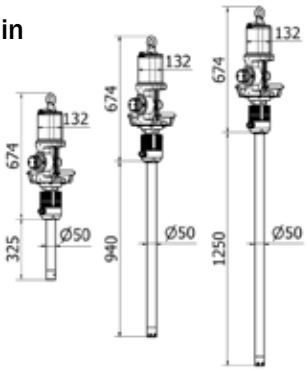
### Art. 021-0910-000
**Air-operated industrial oil pump Mod. 910 flanged**
**Ratio=10:1 double-acting Delivery capacity 35 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals

### Art. 021-0910-094

**Air-operated industrial oil pump Mod. 910 flanged**
**Ratio=10:1 double-acting Delivery capacity 35 l/min**
For drums of **180-220 l**
**Polyurethane** seals

### Art. 021-0910-125

**Air-operated industrial oil pump Mod. 910 flanged**
**Ratio=10:1 double-acting Delivery capacity 35 l/min**
For tanks of **750-1500 l**
**Polyurethane** seals

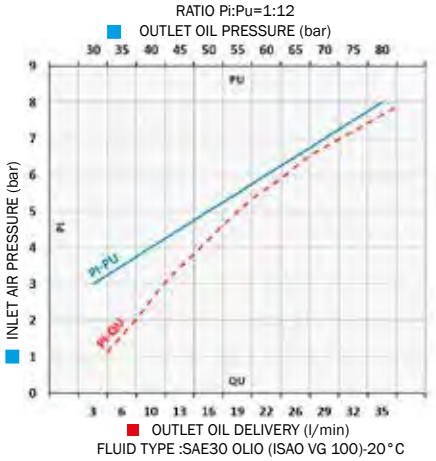






| | | | |
|---|---|---|---|
| **021-0910-000** | 23,700 | 0,110 | 1 |
| **021-0910-094** | 28,200 | 0,150 | 1 |
| **021-0910-125** | 31,100 | 0,180 | 1 |

| **Technical Data** | | **021-0910-000** | **021-0910-094** | **021-0910-125** |
|---|---|---|---|---|
| Compression ratio | | 10:1 | 10:1 | 10:1 |
| Working pressure | bar | 8 | 8 | 8 |
| Air consumption at 8 bar | m³/min | 1,75 | 1,75 | 1,75 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Fluid outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Fluid delivery cap. at 8bar | l/min | 35 | 35 | 35 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 |
| Shank length | mm | Modular F 1" | 940 | 1250 |
| For drums | l | - | 180-220 | 750-1500 |

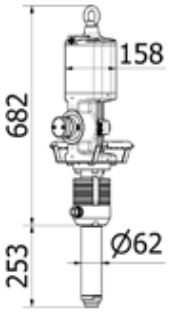



These pumps are advised for the transfer of low-high viscosity oil and similar fluids for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.
The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.



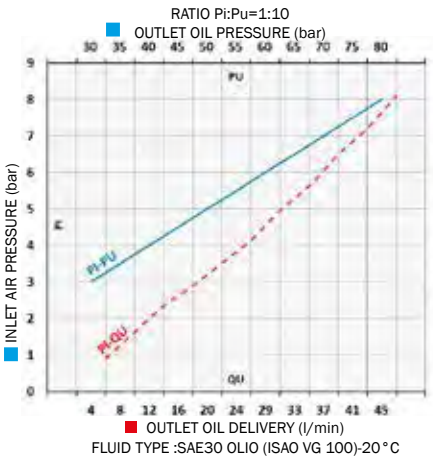

## Art. 021-1210-000

**Air-operated industrial oil pump Mod. 1210 flanged**
**Ratio=10:1 double-acting Delivery capacity 45 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals




| | Kg | m³ | Nº |
|---|---|---|---|
| **021-1210-000** | 25,500 | 0,110 | 1 |

| Technical Data | | 021-1210-000 |
|---|---|---|
| Compression ratio | | 10:1 |
| Working pressure | bar | 8 |
| Air consumption at 8 bar | m³/min | 2,90 |
| Air inlet connection | BSP | F 1/2" G |
| Fluid outlet connection | BSP | M 3/4" G |
| Fluid delivery cap. at 8 bar | l/min | 45 |
| Noise | dB | 80 |
| Shank diameter | mm | 62 |
| Shank length | mm | Modular F 1" |



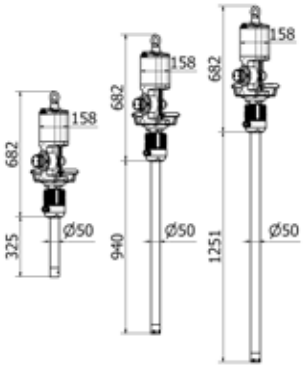

These pumps are advised for the transfer of low-high viscosity oil and similar fluids for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.
The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR FLUIDS
## Mod. 1214 FLANGED
**COMPRESSION RATIO = 14:1** **DELIVERY CAPACITY = 30 l/min**

### Art. 021-1214-000
**Air-operated industrial oil pump Mod. 1214 flanged**
**Ratio=14:1 double-acting Delivery capacity 30 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals

### Art. 021-1214-094
**Air-operated industrial oil pump Mod. 1214 flanged**
**Ratio=14:1 double-acting Delivery capacity 30 l/min**
For drums of **180-220 l**
**Polyurethane** seals

### Art. 021-1214-125
**Air-operated industrial oil pump Mod. 1214 flanged**
**Ratio=14:1 double-acting Delivery capacity 30 l/min**
For tanks of **750-1500 l**
**Polyurethane** seals

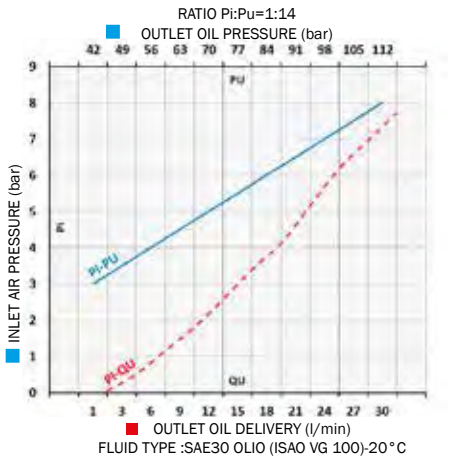






| | Kg | m³ | Nº |
|---|---|---|---|
| **021-1214-000** | 24,100 | 0,110 | 1 |
| **021-1214-094** | 27,000 | 0,150 | 1 |
| **021-1214-125** | 29,200 | 0,180 | 1 |

| **Technical Data** | | **021-1214-000** | **021-1214-094** | **021-1214-125** |
|---|---|---|---|---|
| Compression ratio | | 14:1 | 14:1 | 14:1 |
| Working pressure | bar | 8 | 8 | 8 |
| Air consumption at 8 bar | m³/min | 2,90 | 2,90 | 2,90 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Fluid outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Fluid delivery cap. at 8 bar | l/min | 30 | 30 | 30 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 |
| Shank length | mm | Modular F 1" | 940 | 1250 |
| For drums | l | - | 180-220 | 750-1500 |




These pumps are advised for the transfer of low-high viscosity oil and similar fluids for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.
The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

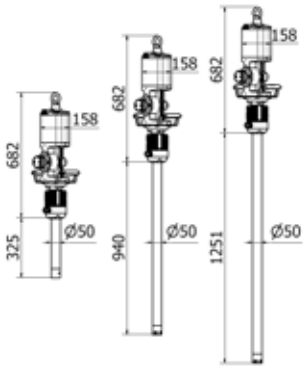
# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR FLUIDS
## Mod. 1218 FLANGED
**COMPRESSION RATIO = 18:1** **DELIVERY CAPACITY = 25 l/min**



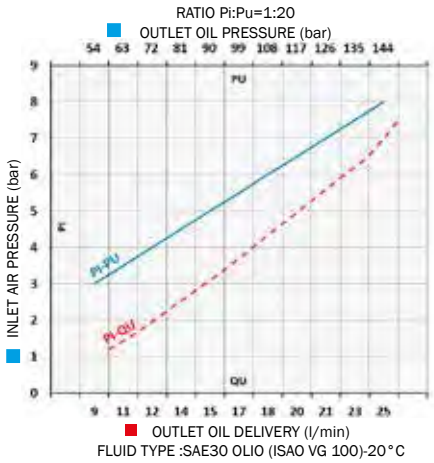

### Art. 021-1218-000
**Air-operated industrial oil pump Mod. 1218 flanged**
**Ratio=18:1 double-acting Delivery capacity 25 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals

### Art. 021-1218-094
**Air-operated industrial oil pump Mod. 1218 flanged**
**Ratio=18:1 double-acting Delivery capacity 25 l/min**
For drums of **180-220 l**
**Polyurethane** seals

### Art. 021-1218-125
**Air-operated industrial oil pump Mod. 1218 flanged**
**Ratio=18:1 double-acting Delivery capacity 25 l/min**
For tanks of **750-1500 l**
**Polyurethane** seals




| | Kg | m³ | № |
|---|---|---|---|
| **021-1218-000** | 24,800 | 0,110 | 1 |
| **021-1218-094** | 29,200 | 0,150 | 1 |
| **021-1218-125** | 32,200 | 0,180 | 1 |



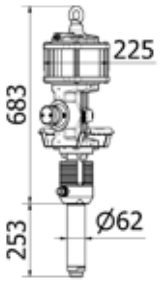

| Technical Data | | 021-1218-000 | 021-1218-094 | 021-1218-125 |
|---|---|---|---|---|
| Compression ratio | | 18:1 | 18:1 | 18:1 |
| Working pressure | bar | 8 | 8 | 8 |
| Air consumption at 8 bar | m³/min | 2,90 | 2,90 | 2,90 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Fluid outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Fluid delivery cap. at 8 bar | l/min | 25 | 25 | 25 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 |
| Shank length | mm | Modular F 1" | 940 | 1250 |
| For drums | l | - | 180-220 | 750-1500 |

These pumps are advised for the transfer of low-high viscosity oil and similar fluids for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.
The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

## Art. 021-1520-000

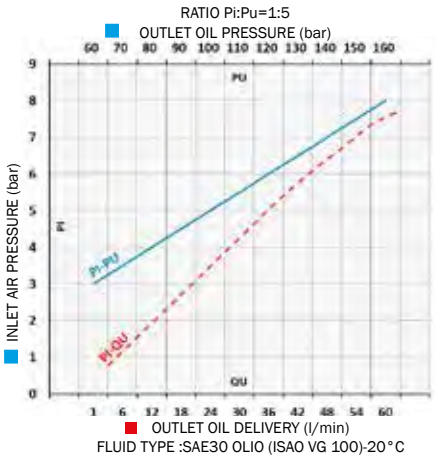
**Air-operated industrial oil pump Mod. 1520 flanged**
**Ratio=20:1 double-acting Delivery capacity 60 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals




| | | | |
|---|---|---|---|
| **021-1520-000** | 27,900 | 0,110 | 1 |

| Technical Data | | 021-1520-000 |
|---|---|---|
| Compression ratio | | 20:1 |
| Working pressure | bar | 8 |
| Air consumption at 8 bar | m³/min | 3,5 |
| Air inlet connection | BSP | F 1/2" G |
| Fluid outlet connection | BSP | M 3/4" G |
| Fluid delivery cap. at 8 bar | l/min | 60 |
| Noise | dB | 80 |
| Shank diameter | mm | 62 |
| Shank length | mm | Modular F1" |




These pumps are advised for the transfer of low-high viscosity oil and similar fluids for medium-long distances. The delivery capacity of a pump varies according to particular applications and combinations. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.
The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL DISJOINT PUMPS FOR OIL AND CHEMICAL PRODUCTS



## Art. 021-0905-DT0

**Air-operated industrial disjoint pump for oil and chemical products**
**Mod. 905D**
**Ratio=5:1 double-acting Delivery capacity 50 l/min**
For wall-fixing or fixed positions.
**Teflon** seals

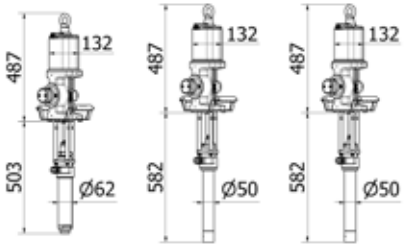
## Art. 021-0908-DT0

**Air-operated industrial disjoint pump for oil and chemical products**
**Mod. 908D**
**Ratio=8:1 double-acting Delivery capacity 40 l/min**
For wall-fixing or fixed positions.
**Teflon** seals

## Art. 021-0910-DT0

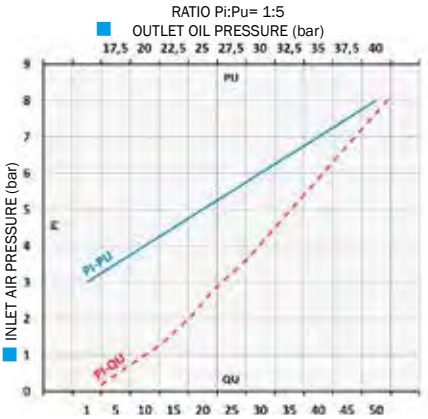
**Air-operated industrial disjoint pump for oil and chemical products**
**Mod. 910D**
**Ratio=10:1 double-acting Delivery capacity 35 l/min**
For wall-fixing or fixed positions.
**Teflon** seals

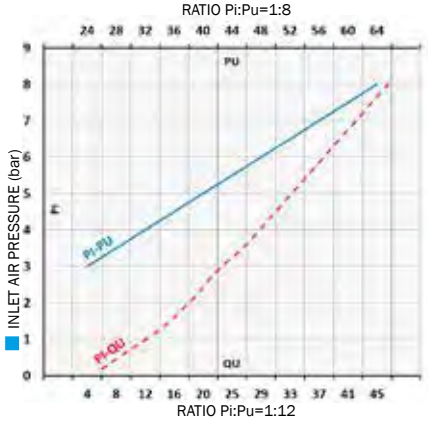


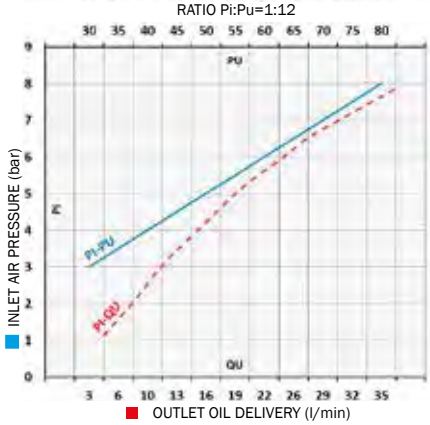




| | Kg | m³ | Nº |
|---|---|---|---|
| 021-0905-DT0 | 24,100 | 0,110 | 1 |
| 021-0908-DT0 | 23,000 | 0,110 | 1 |
| 021-0910-DT0 | 23,700 | 0,110 | 1 |

| Technical Data | | 021-0905-DT0 | 021-0908-DT0 | 021-0910-DT0 |
|---|---|---|---|---|
| Compression ratio | | 5:1 | 8:1 | 10:1 |
| Working pressure | bar | 8 | 8 | 8 |
| Air consumption at 8 bar | m³/min | 1,75 | 1,75 | 1,75 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Fluid outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Fluid delivery cap. at 8 bar | l/min | 50 | 40 | 35 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 62 | 50 | 50 |
| Shank length | mm | Modular F 1" | Modular F 1" | Modular F 1" |




Automatic engine body and shank kit are divided in order to avoid that the fluid enters directly in contact with motor body. These pumps are advised for the transfer of oil and industrial fluids for medium-long distances, guarantee high performance as per delivery capacity (l/min) and also for working pressure.
The delivery capacity of a pump varies according to particular applications and combinations.
The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL DISJOINT PUMPS FOR OIL AND CHEMICAL PRODUCTS




## Art. 021-1210-DT0

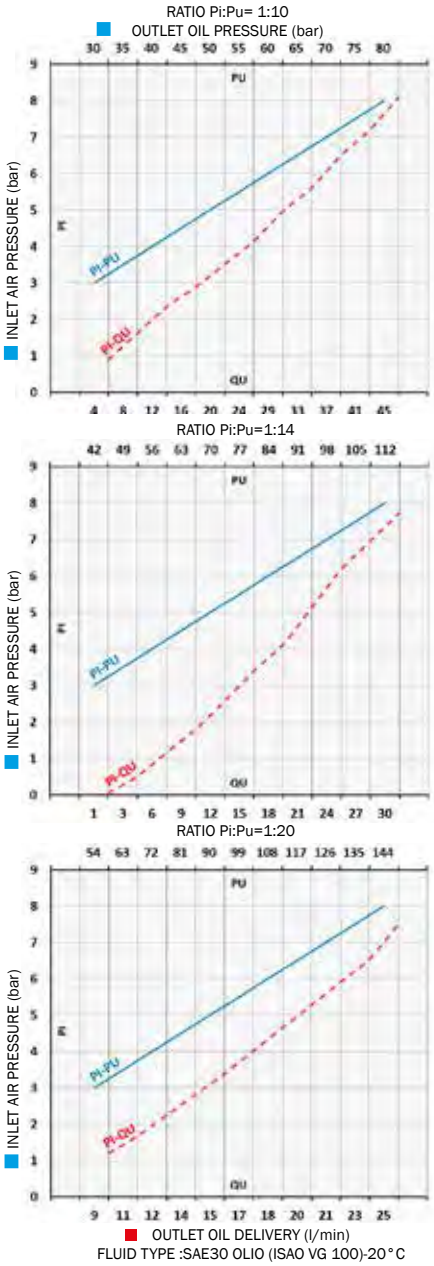
**Air-operated industrial disjoint pump for oil and chemical products**
**Mod. 1210D**
**Ratio=10:1 double-acting Delivery capacity 45 l/min**
For wall-fixing or fixed positions.
**Teflon** seals

## Art. 021-1214-DT0

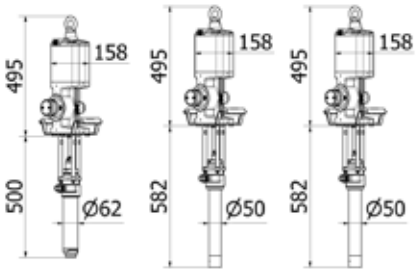
**Air-operated industrial disjoint pump for oil and chemical products**
**Mod. 1214D**
**Ratio=14:1 double-acting Delivery capacity 30 l/min**
For wall-fixing or fixed positions.
**Teflon** seals

## Art. 021-1218-DT0

**Air-operated industrial disjoint pump for oil and chemical products**
**Mod. 1218D**
**Ratio=18:1 double-acting Delivery capacity 25 l/min**
For wall-fixing or fixed positions.
**Teflon** seals




| | | | |
|---|---|---|---|
| **021-1210-DT0** | 25,100 | 0,110 | 1 |
| **021-1214-DT0** | 24,000 | 0,110 | 1 |
| **021-1218-DT0** | 24,700 | 0,110 | 1 |




| Technical Data | | 021-1210-DT0 | 021-1214-DT0 | 021-1218-DT0 |
|---|---|---|---|---|
| Compression ratio | | 10:1 | 14:1 | 18:1 |
| Working pressure | bar | 8 | 8 | 8 |
| Air consumption at 8 bar | m³/min | 2,90 | 2,90 | 2,90 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G | F 1/2" G |
| Fluid outlet connection | BSP | M 3/4" G | M 3/4" G | M 3/4" G |
| Fluid delivery cap. at 8 bar | l/min | 45 | 30 | 25 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 62 | 50 | 50 |
| Shank length | mm | Modular F 1" | Modular F 1" | Modular F 1" |

Automatic engine body and shank kit are divided in order to avoid that the fluid enters directly in contact with motor body. These pumps are advised for the transfer of oil and industrial fluids for medium-long distances, guarantee high performance as per delivery capacity (l/min) and also for working pressure.
The delivery capacity of a pump varies according to particular applications and combinations.
The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL DISJOINT PUMPS FOR OIL AND CHEMICAL PRODUCTS Mod.902D HIGH DELIVERY

**COMPRESSION RATIO = 2:1 DELIVERY CAPACITY = 95 l/min**

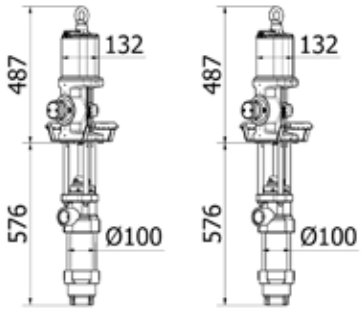
## Art. 021-0902-DP0

**Air-operated industrial disjoint pump for oil, lubricants and similar fluids**
**Mod. 0902D HIGH DELIVERY**
**Ratio=2:1 double-acting Delivery capacity 95 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals

## Art. 021-0902-DV0

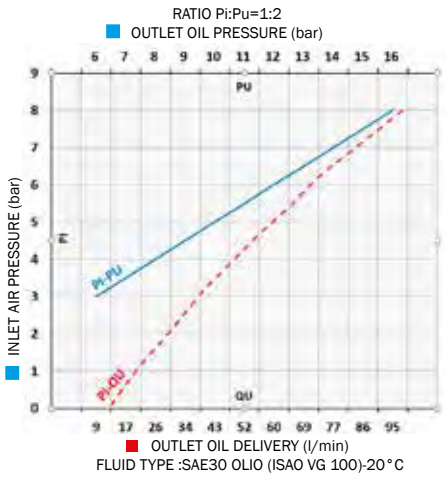
**Air-operated industrial disjoint pump for chemical fluids**
**Mod. 0902D HIGH DELIVERY**
**Ratio=2:1 double-acting Delivery capacity 95 l/min**
For wall-fixing or fixed positions.
**Viton** seals




| | Kg | m³ | Nº |
|---|---|---|---|
| **021-0902-DP0** | 38,200 | 0,110 | 1 |
| **021-0902-DV0** | 38,200 | 0,110 | 1 |

| Technical Data | | 021-0902-DP0 | 021-0902-DV0 |
|---|---|---|---|
| Compression ratio | | 2:1 | 2:1 |
| Working pressure | bar | 8 | 8 |
| Air consumption at 8 bar | m³/min | 1,75 | 1,75 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G |
| Fluid outlet connection | BSP | F 1.1/2" G | F 1.1/2" G |
| Fluid delivery cap. at 8 bar | l/min | 95 | 95 |
| Noise | dB | 80 | 80 |
| Shank diameter | mm | 100 | 100 |
| Shank length | mm | Modular F 2" | Modular F 2" |




Automatic engine body and shank kit are divided in order to avoid that the fluid enters directly in contact with motor body. These pumps are advised for the transfer of oil and industrial fluids for medium-long distances, guarantee high performance as per delivery capacity (l/min) and also for working pressure.
The delivery capacity of a pump varies according to particular applications and combinations.
The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL DISJOINT PUMPS FOR OIL AND CHEMICAL PRODUCTS Mod.1203D HIGH DELIVERY

**COMPRESSION RATIO = 3:1** **DELIVERY CAPACITY = 100 l/min**



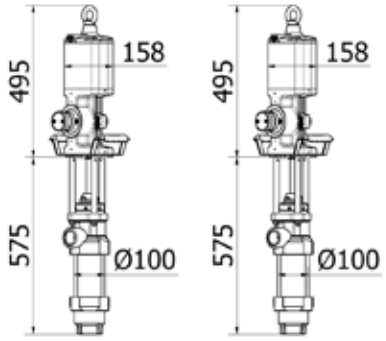

## Art. 021-1203-DP0

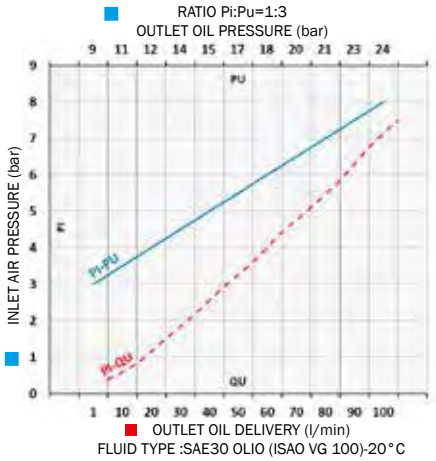
**Air-operated industrial disjoint pump for oil, lubricants and similar fluids**
**Mod. 1203D HIGH DELIVERY**
**Ratio=3:1 double-acting Delivery capacity 100 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals

## Art. 021-1203-DV0

**Air-operated industrial disjoint pump for chemical fluids**
**Mod. 1203D HIGH DELIVERY**
**ratio=3:1 double-acting Delivery capacity 100 l/min**
For wall-fixing or fixed positions.
**Viton** seals

| | | | |
|---|---|---|---|
| **021-1203-DP0** | 39,200 | 0,110 | 1 |
| **021-1203-DV0** | 39,200 | 0,110 | 1 |




| Technical Data | | 021-1203-DP0 | 021-1203-DV0 |
|---|---|---|---|
| Compression ratio | | 3:1 | 3:1 |
| Working pressure | bar | 8 | 8 |
| Air consumption at 8 bar | m³/min | 2,90 | 2,90 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G |
| Fluid outlet connection | BSP | F 1.1/2" G | F 1.1/2" G |
| Fluid delivery cap. at 8 bar | l/min | 100 | 100 |
| Noise | dB | 80 | 80 |
| Shank diameter | mm | 100 | 100 |
| Shank length | mm | Modular F 2" | Modular F 2" |

Automatic engine body and shank kit are divided in order to avoid that the fluid enters directly in contact with motor body. These pumps are advised for the transfer of oil and industrial fluids for medium-long distances, guarantee high performance as per delivery capacity (l/min) and also for working pressure.
The delivery capacity of a pump varies according to particular applications and combinations.
The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL DISJOINT PUMPS FOR OIL AND CHEMICAL PRODUCTS Mod.1506D HIGH DELIVERY

**COMPRESSION RATIO = 6:1 DELIVERY CAPACITY = 80 l/min**

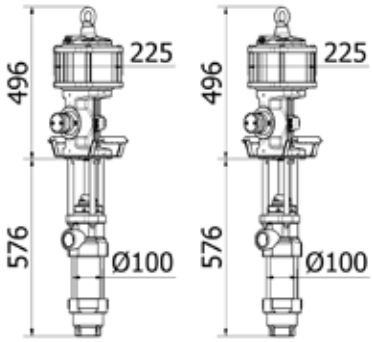
## Art. 021-1506-DP0

**Air-operated industrial disjoint pump for oil, lubricants and similar fluids**
**Mod. 1506D HIGH DELIVERY**
**Ratio=6:1 double-acting Delivery capacity 80 l/min**
For wall-fixing or fixed positions.
**Polyurethane** seals

## Art. 021-1506-DV0

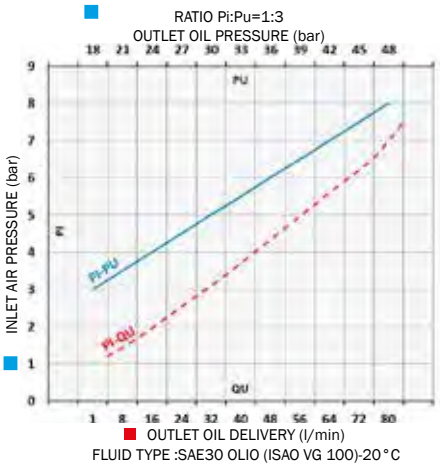
**Air-operated industrial disjoint pump for chemical fluids**
**Mod. 1506D HIGH DELIVERY**
**ratio=6:1 double-acting Delivery capacity 80 l/min**
For wall-fixing or fixed positions.
**Viton** seals




| | Kg | m³ | Nº |
|---|---|---|---|
| **021-1506-DP0** | 41,800 | 0,110 | 1 |
| **021-1506-DV0** | 41,800 | 0,110 | 1 |

| Technical Data | | 021-1506-DP0 | 021-1506-DV0 |
|---|---|---|---|
| Compression ratio | | 6:1 | 6:1 |
| Working pressure | bar | 8 | 8 |
| Air consumption at 8 bar | m³/min | 3,50 | 3,50 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G |
| Fluid outlet connection | BSP | F 1.1/2" G | F 1.1/2" G |
| Fluid delivery cap. at 8 bar | l/min | 80 | 80 |
| Noise | dB | 80 | 80 |
| Shank diameter | mm | 100 | 100 |
| Shank length | mm | Modular F 2" | Modular F 2" |




Automatic engine body and shank kit are divided in order to avoid that the fluid enters directly in contact with motor body. These pumps are advised for the transfer of oil and industrial fluids for medium-long distances, guarantee high performance as per delivery capacity (l/min) and also for working pressure.
The delivery capacity of a pump varies according to particular applications and combinations.
The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.The double-acting guarantees the delivery of a continuous and constant flow, suitable for installations on distribution facilities. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# FRAME LIFTER-PRESS TO FIT PUMPS FOR LUBRICANTS AND SIMILAR FLUIDS



012-1200-045

**Art. 012-1200-030**
**Frame lifter and press**
equipped with follower plate for pumps with shank Ø 30 mm

**Art. 012-1200-042**
**Frame lifter and press**
equipped with follower plate for pumps with shank Ø 42 mm

**Art. 012-1200-050**
**Frame lifter and press**
equipped with follower plate for pumps with shank Ø 50 mm

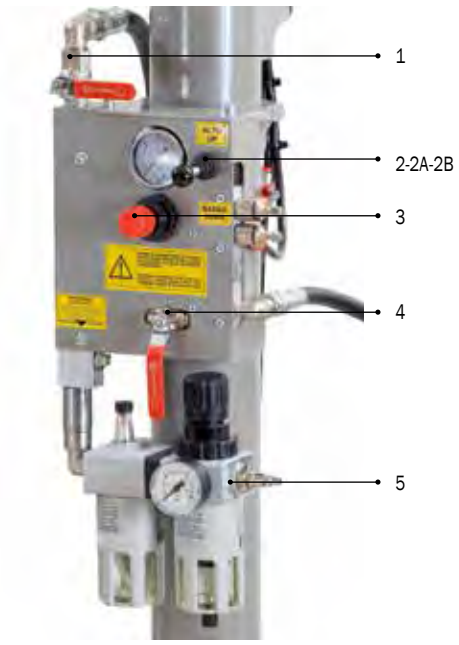
**Art. 012-1200-200**
**Frame lifter and press**
equipped with follower plate for pumps with shank F2”G

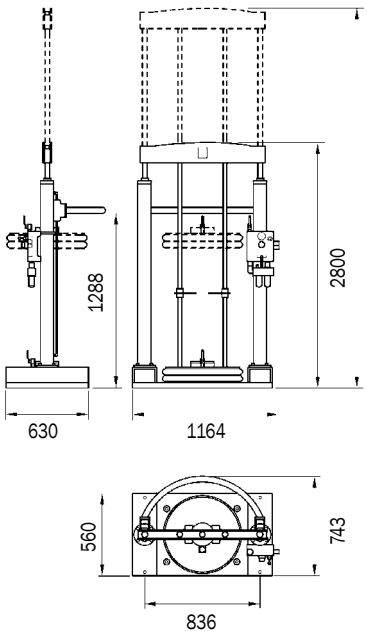
| | Kg | m³ | № |
|---|---|---|---|
| **012-1200-030** | 228,000 | 1,920 | 1 |
| **012-1200-042** | 228,000 | 1,920 | 1 |
| **012-1200-050** | 228,000 | 1,920 | 1 |
| **012-1200-200** | 228,000 | 1,920 | 1 |

| Maximum height | Minimum height | Maximum pressure | Pushing power | For drums | Viscosity |
|---|---|---|---|---|---|
| 2802 mm | 1802 mm | 8 bar | 4 bar – 450 kg<br>6 bar – 650 kg<br>8 bar – 870 kg | 180 – 220 kg | 200 – 500<br>ASTM (25 °C) |

**Air-operated two columns pumps lifter and press for lubricants and viscous fluids**

With its particular 3 ways control valve it lifts or pulls down the pump and the follower plate, improving the exchanging effort of 180-220kg (400 lbs) drums.
It is particularly advised for the use with high viscosity lubricants and fluids (from 200CPS to 500CPS).
The follower plate is pushed down by the pressurised pneumatic cylinders, avoiding lubricant flow interruptions by air pockets.
Moreover, it allows to collect all the product from the inner walls down to the bottom of the drum,pump suction is assisted.






1 Cock for pump air supply
2 Off position
2A Up position to lift the pump and follower plate
2B Down position to activate the press-fluid
3 Pressure regulator with manometer for air supply of the lifter
4 Cock for air supply to lift the follower plate
5 Inlet general air supply into filter and lubricator

# COMPLETE KITS PUMP FRAME LIFTER-PRESS FOR LUBRICANTS AND SIMILAR LOW AND HIGH VISCOSITY FLUIDS

### Art. 022-1403-000
**Kit pump frame lifter and press for lubricants for drums 180-220 kg**
**Delivery 100 l/min**
Composed by:
Art.012-1200-200 Pump frame lifter and press 2 columns + follower plate
Art.021-1203-DP0 Air-operated Industrial **disjoint** pump **ratio=3:1**
Art.902-0323-010 Rubber hose R6 3/8" F-F 3/8" 1 M length
Art.902-0424-010 Rubber hose R6 1/2" F-F 1/2" 1 M length



**022-1403-000**

### Art. 022-1408-000
**Kit pump frame lifter and press for lubricants for drums 180-220 kg**
**Delivery 40 l/min**
Composed by:
Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate
Art.021-0908-094 Air-operated Industrial pump **ratio=8:1**
Art.902-0323-010 Rubber hose R6 3/8" F-F 3/8" 1 M length
Art.902-0424-010 Rubber hose R6 1/2" F-F 1/2" 1 M length

### Art. 022-1410-000
**Kit pump frame lifter and press for lubricants for drums 180-220 kg**
**Delivery 35 l/min**
Composed by:
Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate
Art.021-0910-094 Air-operated Industrial pump **ratio=10:1**
Art.902-0323-010 Rubber hose R6 3/8" F-F 3/8" 1 M length
Art.902-0424-010 Rubber hose R6 1/2" F-F 1/2" 1 M length



**022-1414-000**

### Art. 022-1414-000
**Kit pump frame lifter and press for lubricants for drums 180-220 kg**
**Delivery 30 l/min**
Composed by:
Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate
Art.021-1214-094 Air-operated Industrial pump **ratio=14:1**
Art.902-0323-010 Rubber hose R6 3/8" F-F 3/8" 1 M length
Art.902-0424-010 Rubber hose R6 1/2" F-F 1/2" 1 M length

### Art. 022-1418-000
**Kit pump frame lifter and press for lubricants for drums 180-220 kg**
**Delivery 25 l/min**
Composed by:
Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate
Art.021-1220-094 Air-operated Industrial pump **ratio=18:1**
Art.902-0323-010 Rubber hose R6 3/8" F-F 3/8" 1 M length
Art.902-0424-010 Rubber hose R6 1/2" F-F 1/2" 1 M length

| | Kg | $m^3$ | № |
|---|---|---|---|
| **022-1403-000** | 263,900 | 1,920 | 2 |
| **022-1408-000** | 250,000 | 1,920 | 2 |
| **022-1410-000** | 252,300 | 1,920 | 2 |
| **022-1414-000** | 251,100 | 1,920 | 2 |
| **022-1418-000** | 253,400 | 1,920 | 2 |

# AIR-OPERATED INDUSTRIAL PUMP OIL KITS FOR DRUMS 180-220 l



022-3100-000

## Art. 022-3100-000

**Industrial pump oil kit for drums 180-220 l**

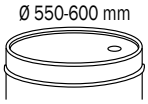
Composed by:

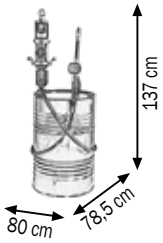
Art.021-0908-094 Oil industrial pump **R=8:1 40 l/min**

Art.906-0505-030 1SC 3/4"Hose M-F 3,0 m lenght

Art.024-1245-G00 High delivery oil digital dispensing nozzle

| | Kg | m³ | |
|---|---|---|---|
| **022-3100-000** | 31,000 | 0,137 | 2 |






022-3110-000

## Art. 022-3110-000

**Industrial pump oil kit for drums 180-220 l**

Composed by:

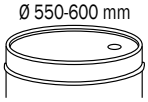
Art.021-0908-094 Oil industrial pump **R=8:1 40 l/min**

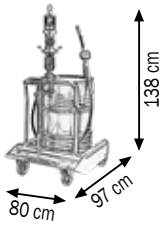
Art.030-1405-000 4 wheels trolley

Art.906-0505-030 1SC 3/4"Hose M-F 3,0 m lenght

Art.024-1245-G00 High delivery oil digital dispensing nozzle

| | Kg | m³ | |
|---|---|---|---|
| **022-3110-000** | 77,000 | 0,280 | 2 |






022-3125-000

## Art. 022-3125-000

**Wall-fixing oil kit industrial pump for drums 180-220** l

Composed by:

Art.021-0908-000 Air-operated industrial oil pump **ratio=8:1 40 l/min**

Art.025-1265-010 Wall-fixing bracket with anti-vibration rubber spacers

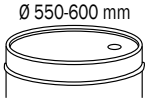
Art.025-1280-094 Ø 50 mm suction tube 940 mm lenght

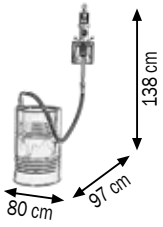
Art.025-1264-000 Ø 50 mm threaded ring

Art.906-0738-020 1SC 1.1/4" hose F 1.1/2 90°- F 1.1/2" 2,0 m length

Art.F96-0100-806 Nipple M 1.1/2"-M 1"

| | Kg | m³ | |
|---|---|---|---|
| **022-3125-000** | 39,730 | 0,176 | 3 |

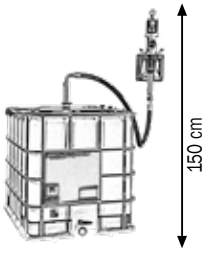


## Art. 022-3130-000

**Wall-fixing oil kit industrial pump for IBC tanks 700-1000 l**
Composed by:
Art.021-0905-000 Air-operated industrial oil pump **ratio=5:1 50 l/min**
Art.025-1265-010 Wall-fixing bracket with anti-vibration rubber spacers
Art.025-1280-125 Ø 50 mm suction tube 1250 mm lenght
Art.025-1264-000 Ø 50 mm threaded ring
Art.906-0738-020 1SC 1.1/4" hose F 1.1/2 90°- F 1.1/2" 2,0 m length
Art.F96-0100-806 Nipple M 1.1/2"-M 1"
Art.025-1267-000 Fixing tank bracket

| | Kg | m³ | № |
|---|---|---|---|
| **022-3130-000** | 52,430 | 0,280 | 4 |





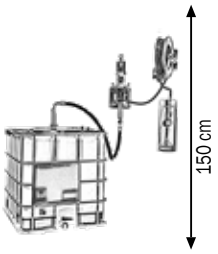

**022-3130-000**

The tank is not included in the oil kit

## Art. 022-3135-000

**Wall-fixing oil kit industrial pump for IBC tanks 700-1000 l**
Composed by:
Art.021-0905-000 Air-operated industrial oil pump **ratio=5:1 50 l/min**
Art.025-1265-010 Wall-fixing bracket with anti-vibration rubber spacers
Art.025-1280-125 Ø 50 mm suction tube 1250 mm lenght
Art.025-1264-000 Ø 50 mm threaded ring
Art.906-0738-020 1SC 1.1/4" hose F 1.1/2 90°- F 1.1/2" 2,0 m length
Art.F96-0100-806 Nipple M 1.1/2"-M 1"
Art.906-0525-015 1SC 3/4" hose F 3/4" 90°- F 3/4" 1,5 m length
Art.071-1406-515 Swiveling hose reel with 1SC 3/4" hose 15,0 m l
Art.024-1245-G00 High delivery oil digital dispensing nozzle
Art.024-1785-000 Support for picking up drops

| | Kg | m³ | № |
|---|---|---|---|
| **022-3135-000** | 94,000 | 0,450 | 6 |






**022-3135-000**

The tank is not included in the oil kit

It is a modular solution that allows the oil delivery with connection to a centralized system, to a hose reel or directly to the delivery hose.

# OIL ELECTRIC PUMP KITS FOR LUBRICANT WITH MAXIMUM VISCOSITY 2000 cSt



022-3500-000

## Art. 022-3500-000

**Oil electric pump kit 12V for drums 180-220 l**

Composed by:

Art.091-5480-010 Electric pump for oils **12V** 10 l/min
Art.025-1270-094 Suction shank hose kit for drums 180-220 l
Art.906-0404-030 1SC 1/2" M-F hose 3,0 m lenght
Art.F96-0100-504 Reduced nipple M 3/4" BSP - M 1/2" BSP
Art.R18-0855-255 Brass connection fixed rubber M3/4" Ø 25 mm
Art.024-1231-C00 Oil dispensing nozzle flexible automatic drop valve

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-3500-000** | 14,500 | 0,050 | 2 |






## Art. 022-3502-000

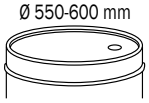
**Oil electric pump kit 24V for drums 180-220 l**

Composed like Art.022-3500-000 **but with:**

Art.091-5482-010 Electric pump for oils **24V** 10 l/min

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-3502-000** | 14,500 | 0,050 | 2 |








022-3510-000

## Art. 022-3510-000

**Oil electric pump kit 12V for drums 180-220 l**

Composed by:

Art.091-5482-010 Electric pump for oils **12V** 10 l/min
Art.025-1270-094 Suction shank hose kit for drums 180-220 l
Art.906-0404-030 1SC 1/2" M-F hose 3,0 m lenght
Art.F96-0100-504 Reduced nipple M 3/4" BSP - M 1/2" BSP
Art.R18-0855-255 Brass connection fixed rubber M3/4" Ø 25 mm
Art.024-1233-C00 Oil digital dispensing nozzle flexible autom. drop valve

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-3510-000** | 15,100 | 0,050 | 2 |






## Art. 022-3512-000

**Oil electric pump kit 24V for drums 180-220 l**

Composed like Art.022-3510-000 **but with:**

Art.091-5482-010 Electric pump for oils **24V** 10 l/min

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-3512-000** | 15,100 | 0,050 | 2 |






| Article | Flow rate | Voltage | Power | Electricity | Cable l. | Inlet-Outlet | Duty cycle |
|---|---|---|---|---|---|---|---|
| Technical Data: | l/min | AC V.Hz DC Volt | W | A | m | BSPG | min |
| **022-3500-000** | **10** | 12 | 300 | 35 | 2 | F3/4"-F3/4" | S2 30 min |
| **022-3502-000** | **10** | 24 | 300 | 18 | 2 | F3/4"-F3/4" | S2 30 min |
| **022-3510-000** | **10** | 12 | 300 | 35 | 2 | F3/4"-F3/4" | S2 30 min |
| **022-3512-000** | **10** | 24 | 300 | 18 | 2 | F3/4"-F3/4" | S2 30 min |

# WHEELED OIL ELECTRIC PUMP KITS FOR LUBRICANT WITH MAXIMUM VISCOSITY 500 cSt

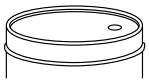
## Art. 022-3525-000

**Oil electric pump kit 230V for drums 180-220 l**

Composed by:
Art.091-5500-025 Electric pump for oils 230V 25 l/min
Art.030-1398-000 3-wheels trolley
Art.025-1270-094 Suction shank hose kit for drums 180-220 l
Art.906-0404-030 1SC 1/2" M-F hose 3,0 m lenght
Art.F96-0100-604 Reduced nipple M 1" BSP x M 1/2" BSP
Art.R18-0855-256 Brass connection fixed rubber M1" Ø 25 mm
Art.R18-1251-006 N.2 STAINLESS STEEL connection 90° F-F 1"
Art.024-1233-C00 Oil digital dispensing nozzle flexible autom. drop valve

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-3525-000** | 45,000 | 0,225 | 3 |








**022-3525-000**

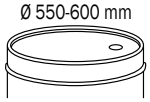
## Art. 022-3550-000

**Oil electric pump kit 230V for drums 180-220 l**

Composed by:
Art.091-5500-050 Electric pump for oils 230V 50 l/min
Art.030-1398-000 3-wheels trolley
Art.092-5130-000 Digital flow meter MGE-110
Art.F96-0100-606 Steel nipple M 1" BSP x M 1" BSP
Art.R18-1251-006 L shaped elbow 90° M-F 1"
Art.025-1270-094 Suction shank hose kit for drums 180-220 l
Art.908-0516-040 Rubber hose 10 bar 19x27 M-M 1" 4,0 m lenght
Art.R18-0855-256 Brass connection fixed rubber M1" Ø 25 mm
Art.093-5202-000 Aluminium manual nozzle MC100

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-3550-000** | 47,300 | 0,225 | 3 |








**022-3550-000**

## Art. 022-3560-000

**Oil electric pump kit 230V for drums 180-220 l and IBC tank**

Composed by:
Art.091-5500-025 Electric pump for oils 230V 25 l/min
Art.091-6000-000 Universal support plate with handle for electric pumps
Art.025-1270-125 Suction shank hose kit for drums 180-220 l IBC tank
Art.906-0404-030 1SC 1/2" M-F hose 3,0 m lenght
Art.F96-0100-604 Reduced nipple znt M 1" BSP x M 1/2" BSP
Art.R18-0855-256 Brass connection fixed rubber M1" Ø 25 mm
Art.024-1233-C00 Oil digital dispensing nozzle flexible autom. drop valve

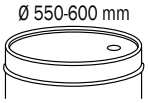
## Art. 022-3565-000

**Oil electric pump kit 230V for drums 180-220 l and IBC tank**

Composed like Art.022-3560-000 **but with:**
Art.091-5500-050 Electric pump for oils 230V 50 l/min

| | Kg | m³ | Nº |
|---|---|---|---|
| **022-3560-000** | 30,000 | 0,070 | 3 |
| **022-3565-000** | 29,300 | 0,070 | 3 |








**022-3560-000**

The tank is not included in the oil kit

| Article | Flow rate | Voltage | Power | Electricity | Cable l. | Inlet-Outlet | Duty cycle |
|---|---|---|---|---|---|---|---|
| Technical Data: | l/min | AC V.Hz | W | A | m | BSPG | min |
| **091-5500-025** | **25** | 230/250 | 828 | 4,6 | 2 | F 1"-F 1" | continuos |
| **091-5500-050** | **50** | 230/50 | 1081 | 7 | 2 | F 1"-F 1" | continuos |



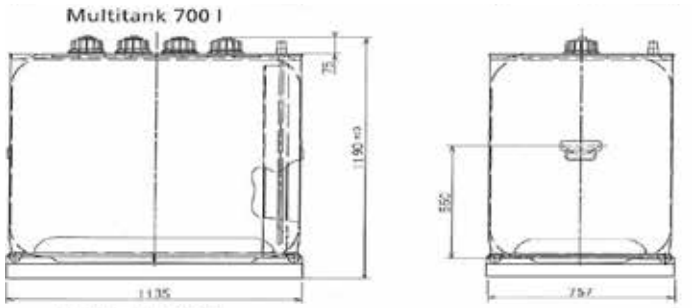
Art. 090-8070-000

## Art. 090-8070-000

**Double-wall tank "Multitank" 700 l**

For the storage of oil, diesel fuel, bio diesel
Double-wall tanks in HDPE with integrated galvanised steel foil
Palletised base, built-in transport handles
Level indicator
Visual leaks detector
For professional or private use
Approved for indoor installation

| | Kg | m³ | Nº |
|---|---|---|---|
| **090-8070-000** | 65,000 | 1,030 | 1 |





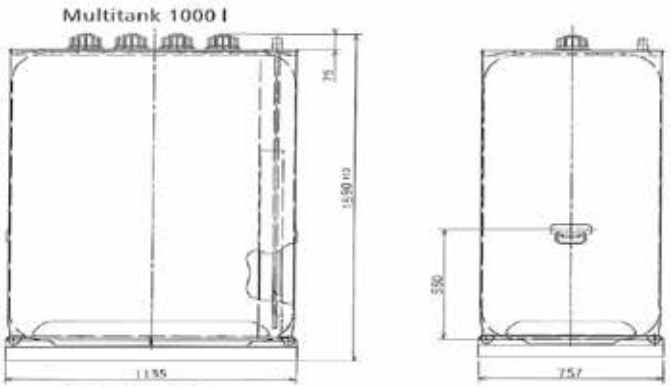

Art. 090-8100-000

## Art. 090-8100-000

**Double-wall tank "Multitank" 1000 l**

For the storage of oil, diesel fuel, bio diesel
Double-wall tanks in HDPE with integrated galvanised steel foil
Palletised base, built-in transport handles
Level indicator
Visual leaks detector
For professional or private use
Approved for indoor installation

| | Kg | m³ | Nº |
|---|---|---|---|
| **090-8100-000** | 80,000 | 1,370 | 1 |






090-8200-030

## Art. 090-8200-030

**Support bracket for pump - hose reel**

Painted steel with F 2"G ring nut

| | Kg | m³ | Nº |
|---|---|---|---|
| **090-8200-030** | 12,500 | 0,044 | 1 |

| Article | Description | Capacity | Width | Depth | Height | Weight | Packaging |
|---|---|---|---|---|---|---|---|
| | | l | mm | mm | mm | kg | mm |
| **090-8070-000** | Multitank | **700** | 1135 | 757 | 1190 | 65 | 113x757x1190 |
| **090-8100-000** | Multitank | **1000** | 1135 | 757 | 1590 | 80 | 113x757x1590 |
| **090-8200-030** | Supp.bracket | - | 727 | 370 | 114 | 12,5 | 745X390X150 |

# DOUBLE-WALL POLYETHYLENE TANKS FOR OIL, DIESEL, BIO-DIESEL, AdBlue®
# " Tank in Tank"

## Art. 090-9100-000

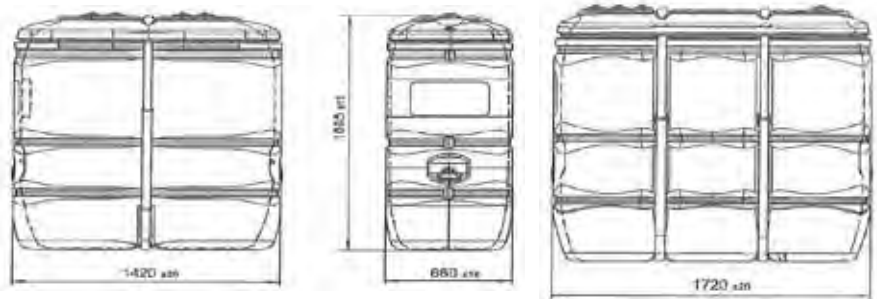
**Double-wall polyethylene "Tank in Tank" 1000 l**

For the storage of oil, diesel fuel, bio diesel, AdBlue®
Double-wall rigid polyethylene
Integrated retention basin
Built-in transport handles
Level indicator
UV protection anti-odor barrier SMP
Reinforcement pipes in galvanized steel
Approved for indoor installation

| | Kg | m³ | Nº |
|---|---|---|---|
| 090-9100-000 | 59,000 | 1,580 | 1 |



Art. 090-9100-000




1000 l

1500 l

## Art. 090-9150-000

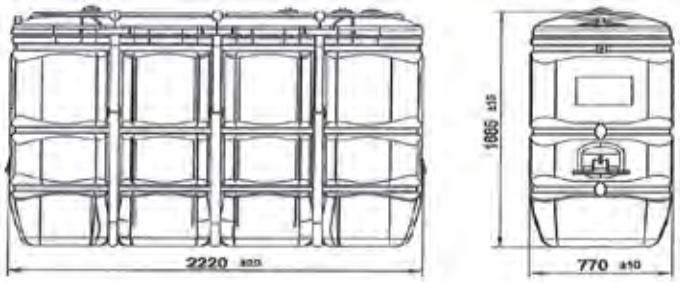
**Double-wall polyethylene "Tank in Tank" 1500 l**

For the storage of oil, diesel fuel, bio diesel, AdBlue®
Double-wall rigid polyethylene
Integrated retention basin
Built-in transport handles
Level indicator
UV protection anti-odor barrier SMP
Reinforcement pipes in galvanized steel
Approved for indoor installation

| | Kg | m³ | Nº |
|---|---|---|---|
| 090-9150-000 | 90,000 | 2,280 | 1 |



Art. 090-9150-000




2000 l

## Art. 090-9200-000

**Double-wall polyethylene "Tank in Tank" 2000 l**

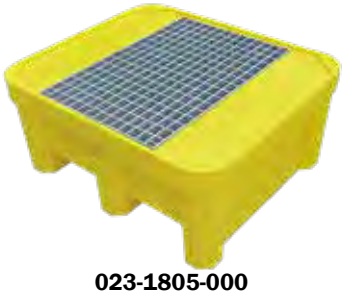
For the storage of oil, diesel fuel, bio diesel, AdBlue®
Double-wall rigid polyethylene
Integrated retention basin
Built-in transport handles
Level indicator
UV protection anti-odor barrier SMP
Reinforcement pipes in galvanized steel
Approved for indoor installation

| | Kg | m³ | Nº |
|---|---|---|---|
| 090-9200-000 | 145,00 | 2,860 | 1 |



Art. 090-9200-000

| Article | Description | Capacity | Width | Depth | Height | Weight | Packaging |
|---|---|---|---|---|---|---|---|
| | | l | mm | mm | mm | kg | mm |
| 090-9100-000 | Tank in Tank | 1000 | 1420 | 660 | 1685 | 59 | 1420x660x1685 |
| 090-9150-000 | Tank in Tank | 1500 | 1720 | 770 | 1700 | 90 | 1720x770x1720 |
| 090-9200-000 | Tank in Tank | 2000 | 2200 | 770 | 1685 | 145 | 2200X770X1685 |



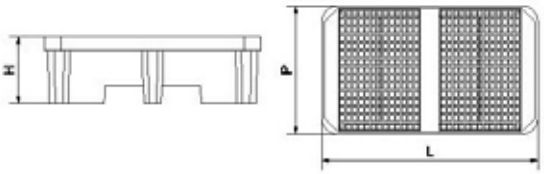
023-1805-000

## Art. 023-1805-000

**Polyethylene tank of dump and storage for 1 drum of 180-220 l**

Composed by:
Removable polypropylene grate
Tank capacity: 225 l
Dimensions: L 925 X P 800 X H 420 mm

| | Kg | m³ | № |
|---|---|---|---|
| 023-1805-000 | 20,00 | 0,311 | 1 |





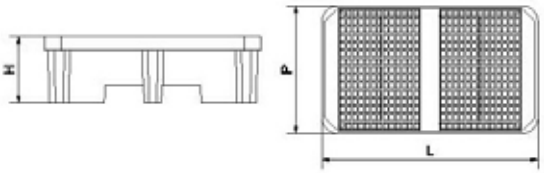

023-1810-000

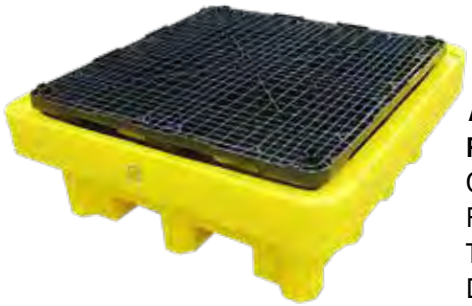
## Art. 023-1810-000

**Polyethylene tank of dump and storage for 2 drums of 180-220 l**

Composed by:
Removable polypropylene grate
Tank capacity: 305 l
Dimensions: L 1350 X P 800 X H 420 mm

| | Kg | m³ | № |
|---|---|---|---|
| 023-1810-000 | 35,00 | 0,454 | 1 |



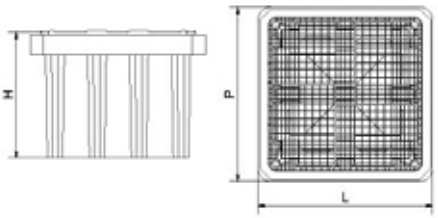
023-1814-000

## Art. 023-1814-000

**Polyethylene tank of dump and storage for 4 drums of 180-220 l**

Composed by:
Removable polypropylene grate
Tank capacity 500 l
Dimensions: L 1350 X P 1350 X H 490 mm

| | Kg | m³ | № |
|---|---|---|---|
| 023-1814-000 | 52,00 | 0,735 | 1 |





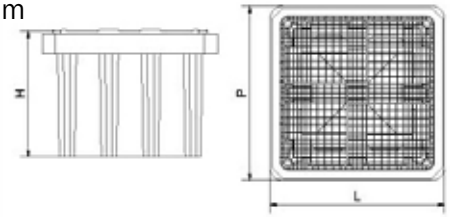

023-1815-000

## Art. 023-1815-000

**Polyethylene tank of dump and storage for 1 tank of 1000 l**

Composed by:
Removable polypropylene grate
Tank capacity:1050 l
Dimensions: L 1350 X P 1350 X H 970 mm

| | Kg | m³ | № |
|---|---|---|---|
| 023-1815-000 | 90,00 | 1,77 | 1 |




These polyetylene tanks are treated to resist to UV rays and equipped with removable polypropylene grata they are suitable for the storage of metal drums of lubricants and simply transportable with fork truck or trans pallet, the storage of lubricant drums in the industrial environment and in repair shops must have a tank to collect the accidental overflowing, avoiding the dispersion in the environment. It's important to put the tanks on plain surfaces, protected by the rain. If the storing of different substances is required, these ones shall be reciprocally compatible.

## Art. 023-1825-000

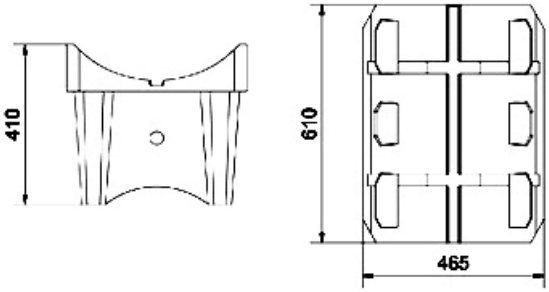
**Polyethylene horizontal support to store 1 drum of 180-220 l**

It can be positioned directly on the safety tanks
It can be used to place a 220 l drum horizontally
or, by turning it upside down, a 50 l drum

| | Kg | m³ | № |
|---|---|---|---|
| **023-1825-000** | 10,00 | 0,12 | 1 |



**Art. 023-1825-000**






## Art. 023-1830-000

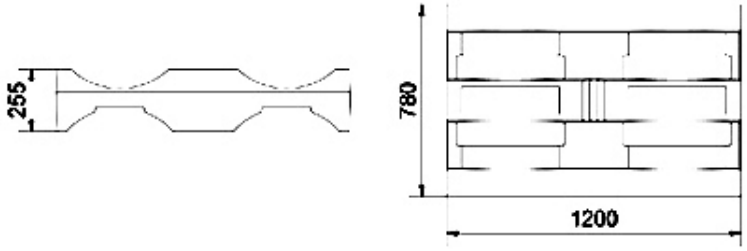
**Polyethylene horizontal support to store 2 drums of 180-220 l**

It can be positioned directly on the safety tanks
to place two 220 l drums horizontally
usable together with the 50/220 model
to stack 220 l drums

| | Kg | m³ | № |
|---|---|---|---|
| **023-1830-000** | 30,00 | 0,24 | 1 |



**Art. 023-1830-000**



# TANKS OF DUMP AND STORAGE SUITABLE FOR OIL-DISPENSING INSTALLATIONS



023-1905-000

## Art. 023-1905-000

**Tank of dump and storage for 1 drum of 180-220 l**

| | Kg | m³ | |
|---|---|---|---|
| 023-1905-000 | 49,300 | 0,270 | 1 |



023-1910-000

## Art. 023-1910-000

**Tank of dump and storage for 2 drums of 180-220 l**

| | Kg | m³ | |
|---|---|---|---|
| 023-1910-000 | 62,600 | 0,363 | 1 |



023-1914-000

## Art. 023-1914-000

**Tank of dump and storage for 4 drums of 180-220 l**

| | Kg | m³ | |
|---|---|---|---|
| 023-1914-000 | 119,000 | 0,573 | 1 |



023-1915-000

## Art. 023-1915-000

**Tank of dump and storage for 1 tank of 1000 l**

| | Kg | m³ | |
|---|---|---|---|
| 023-1915-000 | 182,500 | 1,422 | 1 |

| Technical data | | 023-1905-000 | 023-1910-000 | 023-1914-000 | 023-1915-000 |
|---|---|---|---|---|---|
| Capacity | n° | 1 drum 180/220 l | 2 drums 180/220 l | 4 drums 180/220 l | 1 tank da 1000 l |
| Dimensions | mm | 1000x850 H 300 | 1350x850 H 300 | 1350x1350 H 300 | 1350x1350 H 600 |



023-1920-000

## Art.023-1920-000

**Horizontal support to store 1 drum of 180-220 l**

| | Kg | m³ | |
|---|---|---|---|
| 023-1920-000 | 14,500 | 0,145 | 1 |



023-1921-000

## Art. 023-1921-000

**Horizontal support to store 2 drums of 180-220 l**

| | Kg | m³ | |
|---|---|---|---|
| 023-1921-000 | 22,000 | 0,283 | 1 |



023-1922-000

## Art. 023-1922-000

**Horizontal support to store 3 drums of 50-60 l**

| | Kg | m³ | |
|---|---|---|---|
| 023-1922-000 | 22,200 | 0,283 | 1 |

| Technical data | | 023-1920-000 | 023-1921-000 | 023-1922-000 |
|---|---|---|---|---|
| Capacity | n° | 1 drum 180/220 l | 2 drums 180/220 l | 3 drums 50/60 l |
| Dimensions | mm | 600x600 H 380 | 1180x600 H 380 | 1180x600 H 380 |

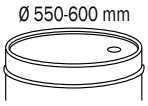
These steel tanks are suitable for the storage of metal drums of lubricants and simply transportable with fork truck or trans pallet. The tanks are produced with strong metal, reinforced with frames in shapes, the grates are galvanized. According to the new rules, the stocking of lubricant drums in the industrial environment and in repair shops must have a tank to collect the accidental overflowing, avoiding the dispersion in the environment. It's important to put the tanks on plain surfaces, protected by the rain. If the storing of different substances is required, these ones shall be reciprocally compatible.

## Art. 023-1925-000

**Tank of dump complete with supporting structure for 1 drum of 180-220 l**

Composed by:
Art.023-1905-S00 Tank of dump for 1 drum 180-220 l
Art.023-1916-000 N.2 Vertical posts H. 2,20 m
Art.023-1918-000 N.2 Horizontal drill panels 770x240 mm

| | Kg | m³ | N° |
|---|---|---|---|
| **023-1925-000** | 82,200 | 0,304 | 2 |









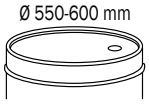
**023-1925-000**

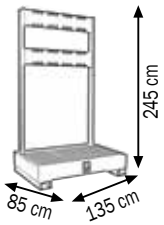
## Art. 023-1930-000

**Tank of dump complete with supporting structure for 2 drum of 180-220 l**

Composed by:
Art.023-1910-S00 Tank of dump for 2 drums 180-220 l
Art.023-1916-000 N.2 Vertical posts H. 2,20 m
Art.023-1919-000 N.2 Horizontal drill panels 1110x240 mm

| | Kg | m³ | N° |
|---|---|---|---|
| **023-1930-000** | 97,700 | 0,405 | 2 |






**023-1930-000**

These steel tanks are suitable for the storage of metal drums of lubricants and simply transportable with fork truck or trans pallet. The tanks are produced with strong metal, reinforced with frames in shapes, the grates are galvanized. According to the new rules, the stocking of lubricant drums in the industrial environment and in repair shops must have a tank to collect the accidental overflowing, avoiding the dispersion in the environment. It's important to put the tank on plain surfaces, protected by the rain. If the storing of different substances is required, these ones shall be reciprocally compatible. The tanks of dump with supporting structure is suitable to support the equipment for the distribution of lubricants for different uses (industrial environment or repair shops).



023-1935-000

## Art. 023-1935-000

**Complete installation for 1 drum of 180-220 l**

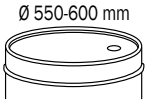
Composed by:
Art.020-1195-000 Air-operated oil pump **ratio=3:1 30 l/min**
Art.023-1925-000 Tank of dump complete with supporting structure
Art.070-1206-410 Hose reel with 1SC 1/2" hose F-F 10,0 m length
Art.906-0424-015 1SC 1/2 " hose F-F 1,5 m length
Art.024-1233-C00 Oil digital dispensing nozzle

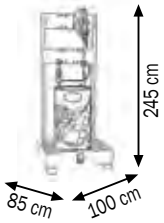
## Art. 023-1937-000

**Complete installation for 1 drum of 180-220 l**

Composed like Art.023-1935-000 but with:
Art.020-1205-000 Air-operated oil pump **ratio=5:1 28 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **023-1935-000** | 109,500 | 0,387 | 5 |
| **023-1937-000** | 109,600 | 0,387 | 5 |






023-1940-000

## Art. 023-1940-000

**Complete installation for 1 drum of 180-220 l**

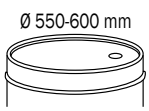
Composed by:
Art.020-1188-000 Air-operated oil pump **ratio=3:1 30 l/min**
Art.023-1925-000 Tank of dump complete with supporting structure
Art.074-4506-410 Closed hose reel with 1SC 1/2" hose 10,0 m length
Art.025-1265-000 Wall fixing bracket
Art.025-1268-094 Shank Ø 42 mm 940 mm length
Art.025-1262-000 Drum connection Ø 42 mm
Art.910-0700-020 Flexible hose Ø 1" 2 m length
Art.906-0434-008 1SC 1/2" hose F-F 90° 0,8 m length
Art.024-1233-C00 Oil digital dispensing nozzle

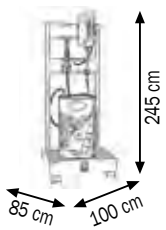
## Art. 023-1942-000

**Complete installation for 1 drum of 180-220 l**

Composed like Art.023-1940-000 but with:
Art.020-1198-000 Air-operated oil pump **ratio=5:1 28 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **023-1940-000** | 123,000 | 0,414 | 5 |
| **023-1942-000** | 123,200 | 0,414 | 5 |




Fixed and complete positions that offer an independent working station. They allow an optimal placing in every working environment (factories and repair shops) allowing to operate in a clean and safe way and without wasting of lubricant oils for different uses.

## Art. 023-1945-000

**Complete installation for 2 drums of 180-220 l**

Composed by:
Art.020-1195-000 n.2 Air-operated oil pumps **ratio=3:1 30 l/min**
Art.023-1930-000 n.1 Tank of dump complete with supporting structure
Art.070-1206-410 n.2 Hose reels with 1SC 1/2" hose 10,0 m length
Art.906-0424-015 n.2 1SC 1/2"hose F-F 1,5 m length
Art.024-1233-C00 n.2 Oil digital dispensing nozzle



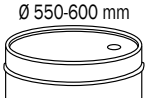
023-1945-000

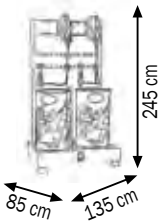
## Art. 023-1947-000

**Complete installation for 2 drums of 180-220 l**

Composed like Art.023-1945-000 but with:
Art.020-1205-000 n.2 Air-operated oil pumps **ratio=5:1 28 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **023-1945-000** | 152,100 | 0,553 | 7 |
| **023-1947-000** | 152,800 | 0,553 | 7 |




## Art. 023-1950-000

**Complete installation for 2 drums of 180-220 l**

Composed by:
Art.020-1188-000 n.2 Air-operated oil pumps **ratio=3:1 30 l/min**
Art.023-1930-000 n.1 Tank of dump complete with supporting structure
Art.074-4506-410 n.2 Closed hose reel with 1SC 1/2" hose 10,0 m length
Art.025-1265-000 n.2 Wall fixing brackets
Art.025-1268-094 n.2 Shanks Ø 42 mm 940 mm length
Art.025-1262-000 n.2 Drums connection Ø 42 mm
Art.910-0700-020 n.2 Flexible hoses Ø 1" 2,0 m length
Art.906-0434-008 n.2 1SC 1/2" hose F-F 90° 0,8 m length
Art.024-1233-C00 n.2 Oil digital dispensing nozzles



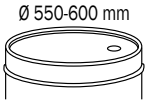
023-1950-000

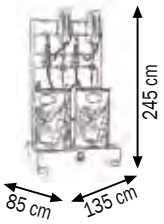
## Art. 023-1952-000

**Complete installation for 2 drums of 180-220 l**

Composed like Art.023-1950-000 but with:
Art.020-1198-000 n.2 Air-operated oil pumps **ratio=5:1 28 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **023-1950-000** | 179,300 | 0,607 | 7 |
| **023-1952-000** | 179,700 | 0,607 | 7 |




Fixed and complete positions that offer an independent working station. They allow an optimal placing in every working environment (factories and repair shops) allowing to operate in a clean and safe way and without wasting of lubricant oils for different uses.



023-1963-004

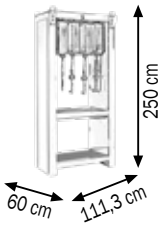
The hose reels aren't included in the cabinets

## Art. 023-1963-004

**Support structure for 4 hose reels Mod. F-400 F-460 CF-500**

Composed by:
Drip tray
Support with grate
Dimensions 1113X600 H.2500 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 023-1963-004 | 192,000 | 0,900 | 2 |






023-1964-006

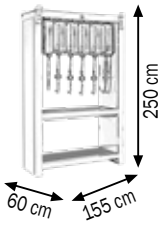
These structures will be supplied only and exclusively in grey colour RAL 9007

## Art. 023-1964-006

**Support structure for 6 hose reels Mod. F-400 F-460 CF-500**

Composed by:
Drip tray
Support with grate
Dimensions 1550X600 H.2500 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 023-1964-006 | 215,000 | 1,000 | 2 |



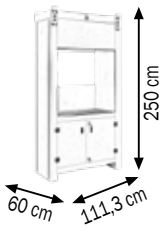

Fixed cabinets that offer independent working stations. They allow an optimal placing in every working environment (factories and repair shops) allowing to operate in a clean and safe way and without wasting of lubricant oils for different uses.
This fixed cabinets can be connected to a centralized distribution system and become individual working station.

## Art. 023-1963-C04

**Cabinet structure for 4 hose reels Mod. F-400 F-460 CF-500**

Composed by:
Drip tray
Support with grate
2 Doors with closure
Dimensions 1113X600 H.2500 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **023-1963-C04** | 234,000 | 1,000 | 3 |





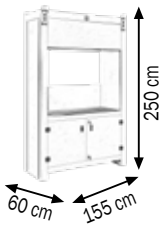

**023-1963-C04**

## Art. 023-1964-C06

**Cabinet structure for 6 hose reels Mod. F-400 F-460 CF-500**

Composed by:
Drip tray
Support with grate
2 Doors with closure
Dimensions 1550X600 H.2500 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **023-1964-C06** | 262,000 | 1,100 | 3 |






**023-1964-C06**

These structures will be supplied only and exclusively in grey colour RAL 9007

Fixed cabinets that offer independent working stations. They allow an optimal placing in every working environment (factories and repair shops) allowing to operate in a clean and safe way and without wasting of lubricant oils for different uses.
This fixed cabinets can be connected to a centralized distribution system and become individual working station.



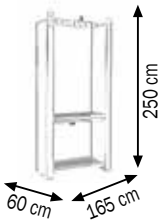
023-1965-004

## Art. 023-1965-004

**Support structure for 4 hose reels Mod. F-550 F-555**

Composed by:
Drip tray
Support with grate
Dimensions 1650X600 H.2500 mm

| | Kg | m³ | № |
|---|---|---|---|
| 023-1965-004 | 225,00 | 1,000 | 2 |





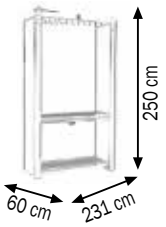

023-1965-006

## Art. 023-1965-006

**Support structure for 6 hose reels Mod. F-550 F-555**

Composed by:
Drip tray
Support with grate
Dimensions 2310X600 H.2500 mm

| | Kg | m³ | № |
|---|---|---|---|
| 023-1965-006 | 245,00 | 1,100 | 2 |



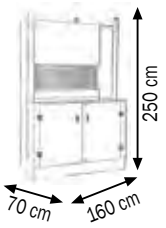

These structures will be supplied only
and exclusively in grey colour
RAL 9007

Fixed cabinets that offer independent working stations. They allow an optimal placing in every working environment (factories and repair shops) allowing to operate in a clean and safe way and without wasting of lubricant oils for different uses.
This fixed cabinets can be connected to a centralized distribution system and become individual working station.

## Art. 023-1966-000

**Cabinet structure for oil distribution**
**Dimensions 1600X700 H 2500 mm**
Composed by:
Tank of dump for 2 drums of 180-220 L
2 Doors with closure for drums
Work sur face 1600X700 mm
Panel for tools
Cabinet structure for 4 hose reels Mod. F-400 F-460 CF-500

| | Kg | m³ | № |
|---|---|---|---|
| **023-1966-000** | 316,000 | 1,170 | 2 |



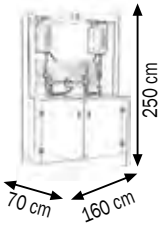



**023-1966-000**

## Art. 023-1967-000

**Complete cabinet installation oil distribution**
**For 2 drums of 180-220 l**
Composed by:
Art.023-1966-000 N.1 Frame cabinet
Art.020-1195-000 N.2 Air-operated oil pumps **ratio=3:1 30 l/min**
Art.074-4506-410 N.2 Closed hose reels R1 1/2" 10 m
Art.906-0424-015 N.2 1SC 1/2"hose 1,5 m length
Art.053-1537-000 N.2 Spring hose rilsan 6X8 10 m
Art.024-1233-C00 N.2 Oil digital dispensing nozzles
Art.014-1048-B00 N.1 Pressure regulator with filter, lubricator and gauge 1/2"

| | Kg | m³ | № |
|---|---|---|---|
| **023-1967-000** | 392,000 | 2,970 | 7 |






**023-1967-000**

Frame cabinet for oil distribution able to provide an autonomous operating station.
They can be easily placed in every working environment (factories, garages and repair shops).
Allowing clean and safe supply without wasting of lubricant oils for different uses.
The base is composed by a tank of dump and stocking for 2 drums of 180-220 L as the new regulations upon.
The cabinet is pre-arranged for max 4 hose reels and have a worktop of 1600X700 mm.







## Art. 023-1968-001

**Front-end service with support for 1 hose reel**

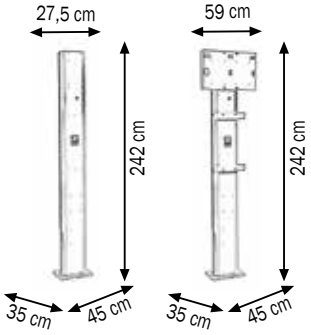
It is predisposed universal holes that allow
the application of pump, hose reels and support for drops collection

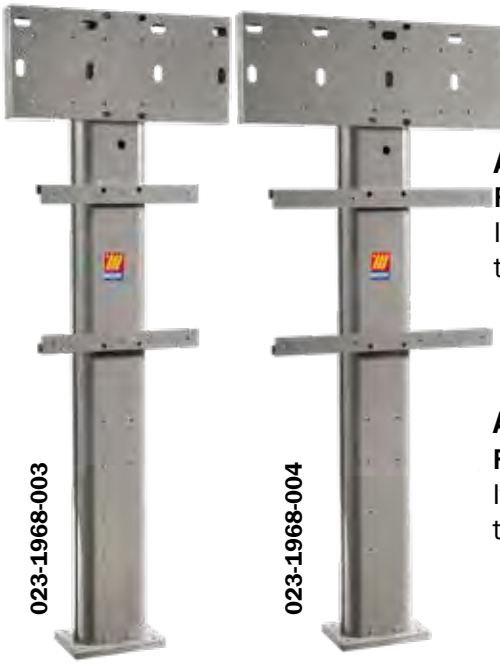
## Art. 023-1968-002

**Front-end service with support for 2 hose reels**

It is predisposed universal holes that allow
the application of hose reels and support for drops collection

| | Kg | m³ | Nº |
|---|---|---|---|
| **023-1968-001** | 62,000 | 0,36 | 2 |
| **023-1968-002** | 64,300 | 0,38 | 2 |




## Art. 023-1968-003

**Front-end service support for 3 hose reels**

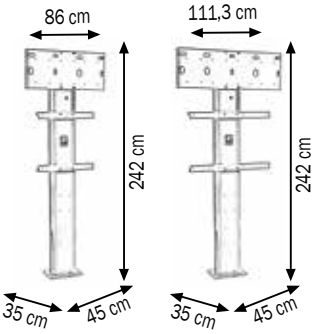
It is predisposed of hole that allows
the application of hose reels and support for drops collection

## Art. 023-1968-004

**Front-end service support for 4 hose reels**

It is predisposed of hole that allows
the application of hose reels and support for drops collection

| | Kg | m³ | Nº |
|---|---|---|---|
| **023-1968-003** | 67,800 | 0,39 | 2 |
| **023-1968-004** | 76,500 | 0,40 | 2 |




Fixed supports that offer an independent working station. They allow an optimal placing in every working environment (factories and repair shops) allowing to operate in a clean and safe way and without wasting of lubricant oils for different uses.

## Art. 023-1970-000

**3 sides service support**

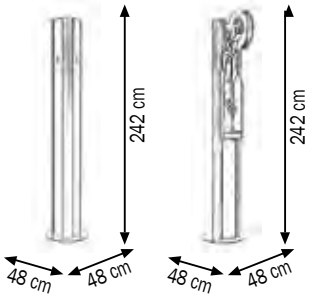
It is predisposed of universal hole that allows the application of hose reels, pumps, picking up drops

## Art. 023-1972-000

**Service support for oil distribution 1 position**

Composed by:
Art.023-1970-000 Service support
Art.070-1206-410 Fixed hose reel with hose 1SC 1/2” 10,0 m length
Art.906-0424-006 Hose 1SC 1/2” F-F 600 mm length
Art.024-1233-C00 Oil digital dispensing nozzle
Art.024-1785-000 Drip tray

| | Kg | m³ | № |
|---|---|---|---|
| **023-1970-000** | 77,000 | 0,560 | 1 |
| **023-1972-000** | 102,350 | 0,650 | 3 |





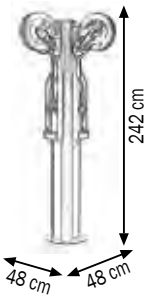


## Art. 023-1974-000

**Service support for oil distribution 2 position**

Composed by:
Art.023-1970-000 N.1 Service support
Art.070-1206-410 N.2 Fixed hose reel with hose 1SC 1/2” 10,0 m length
Art.906-0424-006 N.2 Hoses 1SC 1/2” F-F 600 mm length
Art.024-1233-C00 N.2 Oil digital dispensing nozzles
Art.024-1785-000 N.2 Drip tray

| | Kg | m³ | № |
|---|---|---|---|
| **023-1974-000** | 126,450 | 0,700 | 5 |







Fixed supports that offer an independent working station. They allow an optimal placing in every working environment (factories and repair shops) allowing to operate in a clean and safe way and without wasting of lubricant oils for different uses.



023-1969-008

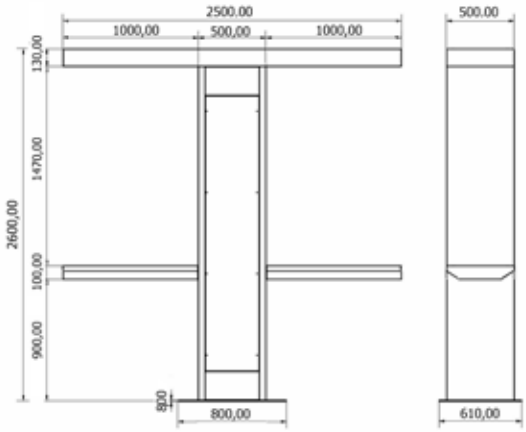
## Art. 023-1969-008

**Support bilateral frame for 8 hose reels Mod. F-400 F-460 CF-500**

**Composed by:**

Central support column
Fixing post for 8 hose reels
N°2 Drip tray
Dimensions 2500x500 H 2620 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **023-1969-008** | 295,00 | 1,03 | 2 |






Support bilateral frame eight hose reels that offer an independent working station. It allows an optimal placing in every working environment (factories and repair shops) allowing to operate in a clean and safe way and without wasting of lubricant oils for different uses.

# NOZZLES FOR DISTRIBUTION AND MEASUREMENT OF OIL AND SIMILAR FLUIDS





024-1231-000



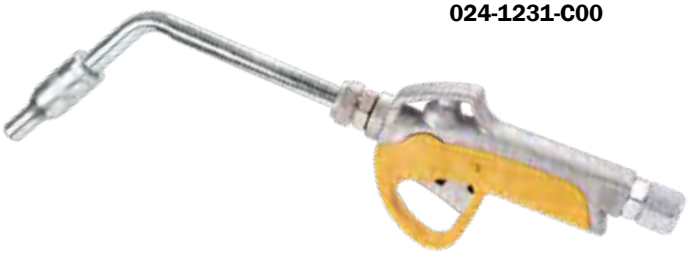
024-1231-A00



024-1231-B00



024-1231-C00



024-1231-D00



024-1232-F00



024-1232-G00



024-1232-E00

**Art. 024-1231-000**
**Handle for oil dispensing nozzle**
Composed by:
**Aluminium** body
Button to block the lever
F 1/2” swivel joint

**Art. 024-1231-A00**
**Oil dispensing nozzle**
Composed by:
Handle with F 1/2” swivel joint
**Flexible end** 105°
Manual drop valve Ø 12 mm

**Art. 024-1231-B00**
**Oil dispensing nozzle**
Composed by:
Handle with F 1/2” swivel joint
**Rigid end** 45°
Manual drop valve Ø 12 mm

**Art. 024-1231-C00**
**Oil dispensing nozzle**
Composed by:
Handle with F 1/2” swivel joint
**Flexible end** 105°
Automatic drop valve Ø 14 mm

**Art. 024-1231-D00**
**Oil dispensing nozzle**
Composed by:
Handle with F 1/2” swivel joint
**Rigid end** 45°
Automatic drop valve Ø 14 mm

**Art. 024-1232-F00**
**Oil dispensing nozzle**
Composed by:
Handle with F 1/2” swivel joint
**Flexible end** 105°
Manual drop valve Ø 12 mm

**Art. 024-1232-G00**
**Oil dispensing nozzle**
Composed by:
Handle with F 3/8” swivel joint
**Rigid end** 30°
Automatic drop valve Ø 14 mm

**Art. 024-1232-E00**
**Oil dispensing nozzle**
Composed by:
Handle with F 3/8” swivel joint
**Flexible end**
Manual drop valve Ø 12 mm

## Art. 024-1233-A00

**Oil digital dispensing nozzle**
Composed by:
Oil digital flow meter (Art.024-1234-000)
Rubber protection
Handle with F 1/2" swivel joint
**Flexible end** 105°
Manual drop valve Ø 12 mm



**024-1233-A00**

## Art. 024-1233-B00

**Oil digital dispensing nozzle**
Composed by:
Oil digital flow meter (Art.024-1234-000)
Rubber protection
Handle with F 1/2" swivel joint
**Rigid end** 45°
Manual drop valve Ø 12 mm



**024-1233-B00**

## Art. 024-1233-C00

**Oil digital dispensing nozzle**
Composed by:
Oil digital flow meter (Art.024-1234-000)
Rubber protection
Handle with F 1/2" swivel joint
**Flexible end** 105°
Automatic drop valve Ø 14 mm



**024-1233-C00**

## Art. 024-1233-D00

**Oil digital dispensing nozzle**
Composed by:
Oil digital flow meter (Art.024-1234-000)
Rubber protection
Handle with F 1/2" swivel joint
**Rigid end** 45°
Automatic drop valve Ø 14 mm



**024-1233-D00**

## Art. 024-1234-000

**Oil digital flow meter**
It is equipped with two displays, one for partial measures (rekittable) and one for total measures (not rekittable) of the dispensed fluid



**024-1234-000**

| Technical Data | 023-1234-000 |
|---|---|
| Inlet/outlet connection | F 1/2" BSP |
| Pressure min/max | 0,35 - 70 bar |
| Flow min/max | 1 - 30 l/min |
| Temperature | -10°+ 50° C |
| Accuracy | +/- 0,5% |
| Lithium battery | 2 x 1,5V AAA |

## FEATURES

- Easy calibration
- Double totalizer
- Electronic rekit
- High precision
- Ergonomic grip
- Button to block the lever
- Low battery consumption
- Different units of measurements can be selected: litres, pints, quarts or gallons.
- Not approved for public usage



024-1243-A00

## Art. 024-1243-A00

**Recalibrating oil digital dispensing nozzle**
Composed by:
Oil digital flow meter (Art.024-1246-000)
Rubber protection
Handle with F 1/2" swivel joint
**Flexible end** 105°
Manual drop valve Ø 12 mm



024-1243-B00

## Art. 024-1243-B00

**Recalibrating oil digital dispensing nozzle**
Composed by:
Oil digital flow meter (Art.024-1246-000)
Rubber protection
Handle with F 1/2" swivel joint
**Rigid end** 45°
Manual drop valve Ø 12 mm



024-1243-C00

## Art. 024-1243-C00

**Recalibrating oil digital dispensing nozzle**
Composed by:
Oil digital flow meter (Art.024-1246-000)
Rubber protection
Handle with F 1/2" swivel joint
**Flexible end** 105°
Automatic drop valve Ø 14 mm



024-1243-D00

## Art. 024-1243-D00

**Recalibrating oil digital dispensing nozzle**
Composed by:
Oil digital flow meter (Art.024-1246-000)
Rubber protection
Handle with F 1/2" swivel joint
**Rigid end** 45°
Automatic drop valve Ø 14 mm



024-1246-000

## Art. 024-1246-000

**Recalibrating oil digital flow meter**
It is equipped with two displays, one for partial measures (rekittable) and one for total measures (not-rekittable) of the dispensed fluid

| Technical Data | 024-1246-000 |
|---|---|
| Inlet/outlet connection | F 1/2" BSP |
| Pressure min/max | 0,35 - 100 bar |
| Flow min/max | 1 - 35 l/min |
| Temperature | -10° + 50° C |
| Accuracy | +/- 0,5% |
| Lithium battery | 1 x 3V CR123A |

## FEATURES

- Easy calibration
- Double totalizer
- Electronic rekit
- High precision
- Ergonomic grip
- Button to block the lever
- Low battery consumption
- Different units of measurements can be selected: litres, pints, quarts or gallons.
- Not approved for public usage

# RECALIBRATING NOZZLES FOR MEASURING AND DISPENSING OIL AND SIMILAR FLUIDS MID APPROVED

R117-1

## Art. 024-1241-E00

**Oil digital dispensing nozzle MID approved**
Composed by:
Oil digital flow meter (Art.024-1241-MID)
Rubber protection
Handle with F 1/2" swivel joint
**Rigid end** 30°138 mm lenght
Automatic drop valve





**024-1241-E00**

## Art. 024-1241-C00

**Oil digital dispensing nozzle MID approved**
Composed by:
Oil digital flow meter (Art.024-1241-MID)
Rubber protection
Handle with F 1/2" swivel joint
**Flexible end** 105°
Automatic drop valve Ø 14 mm



**024-1241-C00**

## Art. 024-1242-DX0

**Anti-freeze and windscreen digital dispensing nozzle MID approved** Composed by:
Oil digital flow meter (Art.024-1242-MID)
Rubber protection
Handle with F 1/2" swivel joint
**Flexible end** 45° stainless steel
Automatic drop valve Ø 12 mm



**024-1242-DX0**

## Art. 024-1242-C00

**Anti-freeze and windscreen digital dispensing nozzle MID approved** Composed by:
Oil digital flow meter (Art.024-1242-MID)
Rubber protection
Handle with F 1/2" swivel joint
**Flexible end** 105°
Automatic drop valve Ø 12 mm



**024-1242-C00**

## Art. 024-1241-MID

**Oil digital flow meter MID approved**
It is equipped with two displays, one for partial measures (rekittable) and one for total measures (not-rekittable) of the dispensed fluid



**024-1241-MID**

## Art. 024-1242-MID

**Oil digital flow meter MID approved**
It is equipped with two displays, one for partial measures (rekittable) and one for total measures (not-rekittable) of the dispensed fluid



**024-1242-MID**

| Technical Data | 024-1241-MID | 024-1242-MID |
|---|---|---|
| Inlet/outlet connection | F 1/2" BSP | F 1/2" BSP |
| Pressure min/max | 0,35 - 100 bar | 0,35 - 100 bar |
| Flow min/max | 1 - 10 l/min | 1 - 10 l/min |
| Temperature | -10°+ 50° C | -10°+ 50° C |
| Accuracy | +/- 0,3% | +/- 0,3% |
| Lithium battery | 1 x 3V CR123A | 1 x 3V CR123A |

## FEATURES

**All the digital meters are "OIML R117-1" pre-tested, calibrated and supplied with MID approval.**
Internal data-logger (storage of 500 dispenses with date and time)
Pulse monitoring (detection of air pockets inside the pipe)
Electronic display with 3 decimal places
Tamper-proof due to the sealing of the measuring chamber
Different units of measurements can be selected: litres, pints, quarts or gallons.

# HIGH DELIVERY NOZZLES FOR MEASURING AND DISPENSING OF OIL AND SIMILAR FLUIDS



024-1244-G00



024-1244-H00



024-1245-G00



024-1245-H00



024-1245-005

## FEATURES

- Easy calibration
- Double totalizer
- Electronic rekit
- High precision
- Ergonomic grip
- Lever block is included
- Low battery consumption
- Different units of measurements can be selected: litres, pints, quarts or gallons.
- Not approved for public usage

### Art. 024-1244-G00

**Oil dispensing nozzle high delivery**
Flow rate 90 l/min max press. 100 bar
Composed by:
Aluminium handle with F 3/4" swivel joint
Button to block the lever
**Flexible end** M 3/4" 380 mm lenght
Semiautomatic drop valve Ø 35 mm

### Art. 024-1244-H00

**Oil dispensing nozzle high delivery**
Flow rate 90 l/min max press. 100 bar
Composed by:
Aluminium handle with F 3/4" swivel joint
Button to block the lever
**Rigid end** 30° 210 mm lenght
Semiautomatic drop valve Ø 35 mm

### Art. 024-1245-G00

**Oil digital dispensing nozzle high delivery**
Flow rate 60 l/min max press. 70 bar
Composed by:
Oil digital flow meter (Art.024-1245-005)
Rubber protection
Aluminium handle with F 3/4" swivel joint
**Flexible end** M 3/4" l 380 mm
Semiautomatic drop valve Ø 35 mm

### Art. 024-1245-H00

**Oil digital dispensing nozzle high delivery**
Flow rate 60 l/min max press. 70 bar
Composed by:
Oil digital flow meter (Art.024-1245-005)
Rubber protection
Aluminium handle with F 3/4" swivel joint
**Rigid end** 30°l 210 mm
Semiautomatic drop valve Ø 35 mm

### Art. 024-1245-005

**Oil digital flow meter high delivery**
It is equipped with two displays, one for partial measures (rekittable) to 5 digits and one for total measures (notrekittable) to 8 digits of the dispensed fluid

| Technical Data | 024-1245-005 |
|---|---|
| Inlet/outlet connection | F 3/4" BSP |
| Pressure min/max | 0,35 - 70 bar |
| Flow min/max | 6 - 60 l/min |
| Temperature | -10° + 50° C |
| Accuracy | +/- 0,5% |
| Lithium battery | 2 x 1,5V AAA |

# OIL DISPENSING DIGITAL NOZZLESWITH PRESELECTION FOR OIL AND SIMILAR FLUIDS

### Art. 024-1247-A00
**Oil digital nozzle with PRESELECTION**
Composed by:
Oil digital flow meter with preselection delivery
Handle with F 1/2" swivel joint
**Flexible end** 105°
Manual drop valve Ø 12 mm


024-1247-A00

### Art. 024-1247-B00
**Oil digital nozzle with PRESELECTION**
Composed by:
Oil digital flow meter with preselection delivery
Handle with F 1/2" swivel joint
**Rigid end** 45°
Manual drop valve Ø 12 mm


024-1247-B00

### Art. 024-1247-C00
**Oil digital nozzle with PRESELECTION**
Composed by:
Oil digital flow meter with preselection delivery
Handle with F 1/2" swivel joint
**Flexible end** 105°
Automatic drop valve Ø 14 mm


024-1247-C00

### Art. 024-1247-D00
**Oil digital nozzle with PRESELECTION**
Composed by:
Oil digital flow meter with preselection delivery
Handle with F 1/2" swivel joint
**Rigid end** 45°
Automatic drop valve Ø 14 mm


024-1247-D00

### Art. 024-1247-P00
**Oil digital nozzle with PRESELECTION**
Composed by:
Oil digital flow meter with preselection delivery
Handle with F 1/2" swivel joint
**Jointed end**
Automatic drop valve Ø 14 mm


024-1247-P00

| Technical Data | 024-1247-A/B/C/D00 | 024-1247-P00 |
|---|---|---|
| Inlet/outlet connection | F 1/2" BSP | F 1/2" BSP |
| Pressure min/max | 0,35 - 70 bar | 0,35 - 70 bar |
| Flow min/max | 1 - 35 l/min | 1 - 30 l/min |
| Temperature | -5°+ 50° C | -5°+ 50° C |
| Accuracy | +/- 0,5% | +/- 0,5% |
| Lithium battery | 4 x 1,5V AA | 4 x 1,5V AA |

Oil dispensing gun with PRESELECTION or manual delivery.
The user can calibrate it according to the different units of measurement (litres, gallons, pints).
It is provided calibrated in litres, but it can be easily calibrated by the user.



024-1249-A00

### Art. 024-1249-A00
**Oil mechanical nozzle** Composed by:
Oil mechanic flow meter (Art.024-1249-000)
Handle with F 1/2" swivel joint
**Flexible end** 105°
Manual drop valve Ø 12 mm

### Art. 024-1249-AG0
**Oil mechanical nozzle in gallons**



024-1249-B00

### Art. 024-1249-B00
**Oil mechanical nozzle** Composed by:
Oil mechanic flow meter (Art.024-1249-000)
Handle with F 1/2" swivel joint
**Rigid end** 45°
Manual drop valve Ø 12 mm

### Art. 024-1249-BG0
**Oil mechanical nozzle in gallons**



024-1249-C00

### Art. 024-1249-C00
**Oil mechanical nozzle** Composed by:
Oil mechanic flow meter (Art.024-1249-000)
Handle with F 1/2" swivel joint
**Flexible end** 105°
Automatic drop valve Ø 14 mm

### Art. 024-1249-CG0
**Oil mechanical nozzle in gallons**



024-1249-D00

### Art. 024-1249-D00
**Oil mechanical nozzle** Composed by:
Oil mechanic flow meter (Art.024-1249-000)
Handle with F 1/2" swivel joint
**Rigid end** 45°
Automatic drop valve Ø 14 mm

### Art. 024-1249-DG0
**Oil mechanical nozzle in gallons**



024-1249-000

### Art. 024-1249-000
**Oil mechanical flow meter**
It is equipped 3 figures + 1 decimal.
Display 6 figures rekittable

### Art. 024-1249-G00
**Oil mechanical nozzle in gallons**

| Technical Data | 024-1249-000 | 024-1249-G00 |
|---|---|---|
| Inlet/outlet connection | F 1/2" BSP | F 1/2" BSP |
| Pressure min/max | 0,35 - 70 bar | 5 - 1000 Psi |
| Flow min/max | 1 - 30 l/min | 0,20 - 8 gal/min |
| Accuracy | +/- 0,1% | +/- 0,1% |

## FEATURES
- Calibration is not necessary
- Easy rekit
- Partial and total totalizer
- Non-rekittable total totalizer
- Batteries are not necessary
- Mechanical rekit button
- Not approved for public usage

# NOZZLES FOR DISPENSING OF ANTI-FREEZE AND WINDSCREEN LIQUID

### Art. 024-1232-H00
**Water and anti-freeze dispensing nozzle** Composed by:
Handle with F 3/8" swivel joint
**Rigid end** 30°



024-1232-H00

### Art. 024-1237-000
**Anti-freeze dispensing nozzle** Composed by:
Handle with F 1/2" swivel joint
**Flexible end** 105°
Manual drop valve Ø 12 mm



024-1237-000

### Art. 024-1237-V00
**Windscreen dispensing nozzle** Composed by:
Handle with F 1/2" swivel joint
**Rigid end** 30° **stainless steel**



024-1237-V00

### Art. 024-1237-A00
**Anti-freeze digital dispensing nozzle** Composed by:
Digital flow meter (Art.024-1238-000)
Rubber protection
Handle with F 1/2" swivel joint
**Flexible end** 105°
Manual drop valve Ø 12 mm



024-1237-A00

### Art. 024-1237-W00
**Windscreen digital dispensing nozzle** Composed by:
Digital flow meter (Art.024-1238-000)
Rubber protection
Handle with F 1/2" swivel joint
Rigid end 30° **stainless steel**



024-1237-W00

### Art. 024-1238-000
**Digital flow meter for anti-freeze and windscreen liquid**
It is equipped with two displays, one for partial measures (rekittable) and one for total measures (not rekittable) of the dispensed fluid



024-1238-000

| Technical Data | 024-1238-000 |
|---|---|
| Inlet/outlet connection | F 1/2" BSP |
| Pressure min/max | 0,35 - 25 bar |
| Flow min/max | 1 - 30 l/min |
| Temperature | -10° + 50° C |
| Accuracy | +/- 0,5% |
| Lithium battery | 2 x 1,5V AAA |

## FEATURES
- Easy calibration
- Double totalizer
- Electronic rekit
- High precision
- Ergonomic grip
- Button to block the lever
- Low battery consumption
- Different units of measurements can be selected: litres, pints, quarts or gallons.
- Not approved for public usage



024-1251-000

## Art. 024-1251-000

**Oil digital flow meter high delivery**
Flow rate **60 l/min**
It is equipped with two displays, one for partial measures (rekittable) to 5 digits and one for total measures (notrekittable) to 8 digits of the dispensed fluid



092-5130-000

## Art. 092-5130-000

**Digital flow meter with gears MGE-110**
min-max flow rate **5-110 l/min** (lubricants)
6 digits totalizer (non rekittable)
6 digits partial (rekittable)
Allowed fluids: diesel, oil



092-5140-000

## Art. 092-5140-000

**Digital flow meter with gears MGE-250**
min-max flow rate **10-150 l/min** (lubricants)
6 digits totalizer (non rekittable)
6 digits partial (rekittable)
Allowed fluids: diesel, oil



092-5150-000

## Art. 092-5150-000

**Digital flow meter with gears MGE-400**
min-max flow rate **15-300 l/min** (lubricants)
6 digits totalizer (non rekittable)
6 digits partial (rekittable)
Allowed fluids: diesel, oil

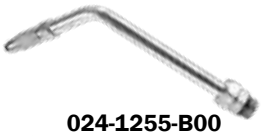
| Technical Data | 024-1251-000 | 092-5130-000 | 092-5140-000 | 092-5150-000 |
|---|---|---|---|---|
| Inlet/outlet connection | F 3/4"-1" BSP | F 1" BSP | F 1.1/2" BSP | F 2" BSP |
| Pressure min/max | 1 - 70 bar | 1 - 55 bar | 1 - 50 bar | 1 - 50 bar |
| Flow min/max | 6 - 60 l/m | 5 - 110 l/m | 10 - 150 l/m | 15 - 300 l/m |
| Temperature | -10° + 50° C | -10° + 50° C | -10° + 50° C | -10° + 5 0° C |
| Accuracy | +/- 0,5% | +/- 0,5% | +/- 0,5% | +/- 0,5% |
| Lithium battery | 2 x 1,5V AAA | 1 x 3V CR 2450N | 1 x 3V CR 2450N | 1 x 3V CR 2450N |

The digital flow meters allow to show correctly the push-button delivery, equipped with two displays, one for partial measures rekittable and one for total measures not rekittable that underline the dispensed fluid. Suitable for different type of oils, low, medium or high viscosity.

**Art. 024-1255-A00**
**Flexible end 105° M 1/2" 256 mm lenght**
Manual drop valve Ø 12 mm


024-1255-A00

**Art. 024-1255-B00**
**Rigid end 45°M 1/2" 256 mm lenght**
Manual drop valve Ø 12 mm


024-1255-B00

**Art. 024-1255-C00**
**Flexible end 105° M 1/2" 256 mm lenght**
Automatic drop valve Ø 14 mm


024-1255-C00

**Art. 024-1255-D00**
**Rigid end 45° M 1/2" 256 mm lenght**
Automatic drop valve Ø 14 mm


024-1255-D00

**Art. 024-1255-DX0**
**Stainless steel rigid end 45°M 1/2" 210 mm lenght**
Automatic drop valve Ø 13,5 mm


024-1255-DX0

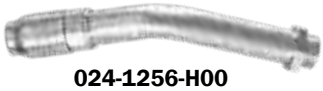
**Art. 024-1255-E00**
**Rigid end 30° M 1/2" 138 mm lenght**
Automatic drop valve Ø 13,5 mm


024-1255-E00

**Art. 024-1256-G00**
**High delivery flexible end M 3/4" 310 mm lenght**
Semiautomatic drop valve Ø 35 mm


024-1256-G00

**Art. 024-1256-H00**
**High delivery rigid end 30° M 3/4" 210 mm lenght**
Semiautomatic drop valve Ø 35 mm


024-1256-H00

**Art. 024-1257-000**
**Manual drop valve Ø 12 mm**
**with F 1/4" BSP**


024-1257-000

**Art. 024-1258-000**
**Automatic drop valve Ø 14 mm**
**with F 1/4" BSP inlet**


024-1258-000

**Art. 024-1258-G00**
**Semi-automatic high delivery drop valve Ø 35 mm**
**with F 3/4" BSP**


024-1258-G00

**Swivelling joints for oil nozzles**

| Article | Inlet | Outlet | Max pressure |
|---|---|---|---|
| 024-1259-004 | M 1/2" BSP | F 1/2" BSP | 100 |
| 024-1259-005 | M 3/4" BSP | F 3/4" BSP | 100 |


024-1259-004

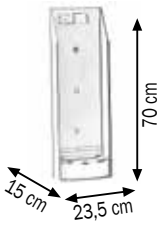


024-1785-000

## Art. 024-1785-000

**Support for drops collections for oil nozzle**

Composed by:
Hook for stop oil nozzle
Removable drip tray






025-1260-000

## Art. 025-1260-000

**Threaded ring M 2" Ø 30 mm for pumps fastening**

It connects to either the original
drum or fixing bracket (Art.025-1265-000)



025-1262-000

## Art. 025-1262-000

**Threaded ring M 2" Ø 42 mm for pumps fastening**

It connects to either the original
drum or fixing bracket (Art.025-1265-000)



025-1264-000

## Art. 025-1264-000

**Threaded ring M 2" Ø 50 mm for pumps fastening**

It connects to either the original
drum or fixing bracket (Art.025-1265-000)



025-1265-000

## Art. 025-1265-000

**Painted steel wall fixing bracket**

Central ring nut F 2 "G
For wall fixing pump Mod.500-600-800



025-1265-010

## Art. 025-1265-010

**Painted steel wall fixing bracket**
**With anti-vibration rubber spacers**

For wall fixing industrial pump flanged and break



025-1267-000

## Art. 025-1267-000

**IBC tank - fixing bracket**

Central ring nut F 2 "G
for fixing pump-hose reel



025-1267-B00

## Art. 025-1267-B00

**IBC tank - fixing bracket kit**

To collect drops on the tank (024-1785-000)

### Art. 025-1270-094
**Suction kit for wall-fixing pumps**
Composed by:
Art.025-1268-094 Ø 42 mm suction tube 940 mm length
Art.025-1262-000 Threaded ring for pumps fastening M2” Ø 42 mm
Art.910-0600-020 Flex. hose Ø 25 2,0 m length
Art.B27-1132-035 n 2 stainless steel screw clamps 32-35 mm

### Art. 025-1270-125
**Suction kit for wall-fixing pumps**
Composed by:
Art.025-1268-125 Ø 42 mm suction tube1250 mm length
Art.025-1262-000 Threaded ring for pumps fastening M2” Ø 42 mm
Art.910-0600-020 Flex. hose Ø 25 2,0 m length
Art.B27-1132-035 n 2 stainless steel screw clamps 32-35 mm



**025-1270-094**

### Art. 025-1271-094
**STAINLESS STEEL suction kit for wall-fixing pumps**
Composed by:
Art.025-1269-094 Ø 42 mm STAINLESS STEEL suction tube 940 mm l
Art.025-1262-000 Threaded ring for pumps fastening M 2” Ø 42 mm
Art.911-0600-020 Flex. blue hose Ø 25 2,0 m length
Art.B27-1132-035 n 2 stainless steel screw clamps 32-35 mm

### Art. 025-1271-125
**STAINLESS STEEL suction kit for wall-fixing pumps**
Composed by:
Art.025-1269-125 Ø 42 mm STAINLESS STEEL suction tube 1250 mm l
Art.025-1262-000 Threaded ring for pumps fastening M 2” Ø 42 mm
Art.911-0600-020 Flex. blue hose Ø 25 2,0 m length
Art.B27-1132-035 n 2 stainless steel screw clamps 32-35 mm



**025-1271-094**

### Art. 025-1285-094
**Suction kit for wall-fixing industrial pumps**
Composed by:
Art.025-1280-094 Ø 50 mm suction tube 940 mm length
Art.025-1264-000 Threaded ring for pumps fastening M2” Ø 50 mm
Art.906-0738-020 1SC 1.1/4” hose F1.1/2”- F90° 1.1/2” 2,0 m length

### Art. 025-1285-125
**Suction kit for wall-fixing industrial pumps**
Composed by:
Art.025-1280-125 Ø 50 mm suction tube 1250 mm length
Art.025-1264-000 Threaded ring for pumps fastening M2” Ø 50 mm
Art.906-0738-020 1SC 1.1/4” hose F1.1/2”- F90° 1.1/2” 2,0 m length



**025-1285-094**



025-1272-000



025-1274-000

### Art. 025-1272-000
**Connection 1”G - M40X1,25**
It connects the pump to the modular extensions

### Art. 025-1274-000
**Connection M 40X1,25**
Allow the connection between the modular extensions



025-1276-000
025-1275-025
025-1275-050
025-1275-092
025-1275-122

### Art. 025-1275-025
**Ø 42 mm 250 mm length extension**
Thread F-F M 40X1,25

### Art. 025-1275-050
**Ø 42 mm 500 mm length extension**
Thread F-F M 40X1,25

### Art. 025-1275-092
**Ø 42 mm 912 mm length extension**
Thread F-F M 40X1,25

### Art. 025-1275-122
**Ø 42 mm 1212 mm length extension**
Thread F-F M 40X1,25

### Art. 025-1276-000
**Oil shank end with filter Ø 42 mm**
Thread M 40X1,25



R18-1250-006



R18-1251-006

### Stainless steel 90° connection

| Article | Inlet-Outlet | Max pressure | Metal | Weight |
|---|---|---|---|---|
| R18-1250-006 | M1”- F1” | 100 bar | SS AISI 316 | 0,137 kg |
| R18-1251-006 | F1”- F1” | 100 bar | SS AISI 316 | 0,158 kg |

### Stainless steel connection fixed rubber hose

| Article | Inlet | Ø hose | Metal | Weight |
|---|---|---|---|---|
| R18-0821-256 | M1” | 25 mm | SS AISI 316 | 0,137 kg |



R18-0855-256



R18-0821-256

### Y-shaped nickel-plated brass in-line filter

| Article | Inlet | Ø hose | Metal | Weight |
|---|---|---|---|---|
| R18-0855-255 | M3/4” | 25 mm | Brass | 0,084 kg |
| R18-0855-206 | M1” | 20 mm | Brass | 0,095 kg |
| R18-0855-256 | M1” | 25 mm | Brass | 0,126 kg |



R18-0803-206



R18-0803-256

### Stainless steel connection fixed rubber hose

| Article | Inlet | Ø hose | Metal | Weight |
|---|---|---|---|---|
| R18-0803-206 | M1” | 20 mm | Galvanized steel | 0,095 kg |
| R18-0803-256 | M1” | 25 mm | Galvanized steel | 0,105 kg |



R34-0002-006

### Y-shaped nickel-plated brass in-line filter

| Article | Inlet-Outlet | Max pressure | Filter | Weight |
|---|---|---|---|---|
| R34-0002-004 | F1/2”- F1/2” | 100 bar | 400 µm | 0,160 kg |
| R34-0002-005 | F3/4”- F3/4” | 100 bar | 400 µm | 0,220 kg |
| R34-0002-006 | F1”- F1” | 100 bar | 400 µm | 0,330 kg |

## 2-ways ball valves with full bore lever

| Article | Inlet-Outlet | Max pressure | Max delivery | Weight |
|---|---|---|---|---|
| R30-0400-004 | F1/2"-F1/2" | 70 bar | 80 l/min | 0,20 kg |
| R30-0400-005 | F3/4"-F3/4" | 50 bar | 120 l/min | 0,31 kg |
| R30-0400-006 | F1"-F1" | 50 bar | 160 l/min | 0,43 kg |



R30-0400-004

## Control valve overpressure system

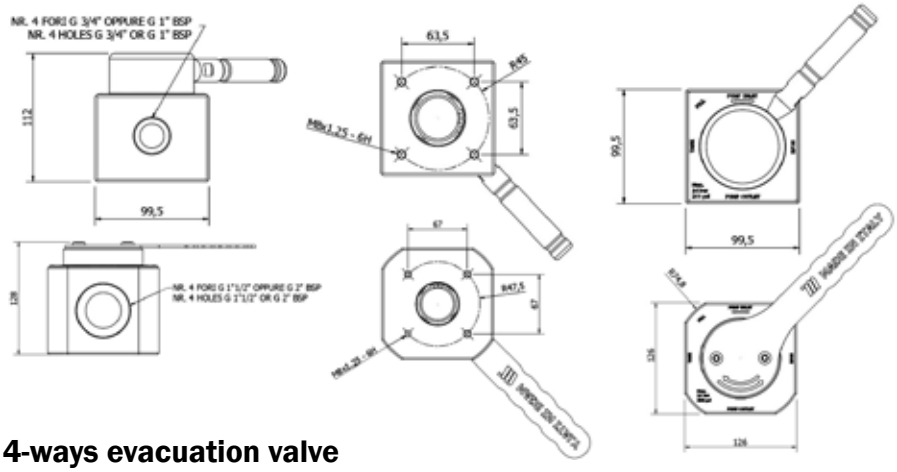
| Article | Inlet-Outlet | Min-Max calibration | Max delivery | Weight |
|---|---|---|---|---|
| F96-0900-424 | F1/2"-F1/2" | 5-50 bar | 80 l/min | 0,50 kg |
| F96-0900-525 | F3/4"-F3/4" | 5-50 bar | 120 l/min | 0,80 kg |



F96-0900-525

## 4-ways evacuation valve

| Article | Inlet-Outlet | Max pressure | Seals | Weight |
|---|---|---|---|---|
| F96-0800-005 | F3/4"-F3/4" | 14 bar-200 psi | viton® | 4,300 kg |
| F96-0800-006 | F1"-F1" | 14 bar-200 psi | viton® | 3,900 kg |

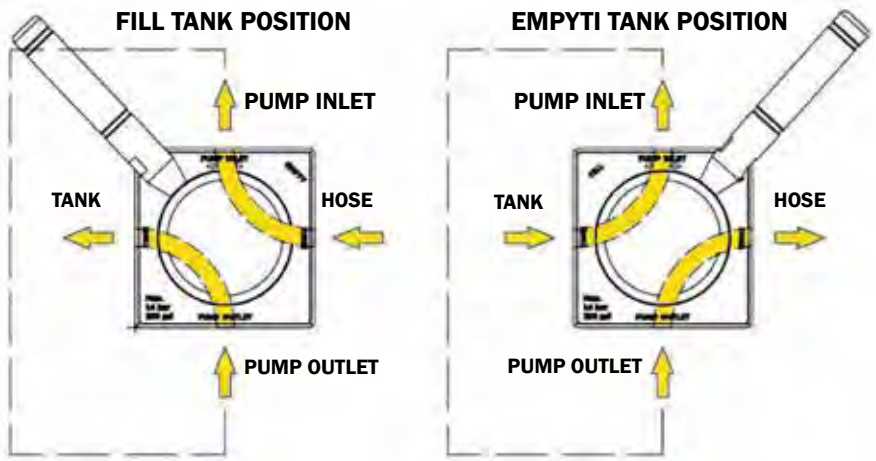





F96-0800-006

## 4-ways evacuation valve

| Article | Inlet-Outlet | Max pressure | Seals | Weight |
|---|---|---|---|---|
| F96-0800-008 | F1.1/2"-F1.1/2" | 14 bar-200 psi | viton® | 6,700 kg |
| F96-0800-009 | F2"-F2" | 14 bar-200 psi | viton® | 5,500 kg |







F96-0800-009

4 ways evacuation valve with anodized steel body and connections F 3/4'' - F 1'' - F 1''1/2'' - F 2'' BSP.
It is mainly used for the discharge and the suction of exhausted oils like hydraulic oil, gear oil, engine oil, etc.

## BSP male - BSP male nipples



| Article | Threaded |
|---|---|
| F96-0100-202 | M1/4”BSP - M1/4”BSP |
| F96-0100-303 | M3/8”BSP - M3/8”BSP |
| F96-0100-404 | M1/2”BSP - M1/2”BSP |
| F96-0100-505 | M3/4”BSP - M3/4”BSP |
| F96-0100-606 | M1”BSP - M1”BSP |
| F96-0100-707 | M1.1/4”BSP - M1.1/4”BSP |
| F96-0100-808 | M1.1/2”BSP - M1.1/2”BSP |
| F96-0100-909 | M2”BSP - M2”BSP |

## BSP male - NPTF male nipples



| Article | Threaded |
|---|---|
| F96-0110-202 | M1/4”BSP - M1/4”NPTF |
| F96-0110-303 | M3/8”BSP - M3/8”NPTF |
| F96-0110-404 | M1/2”BSP - M1/2”NPTF E.22 |
| F96-0110-505 | M3/4”BSP - M3/4”NPTF |
| F96-0110-606 | M1”BSP - M1”NPTF |
| F96-0110-707 | M1.1/4”BSP- M1.1/4”NPTF |
| F96-0110-808 | M1.1/2”BSP - M1.1/2”NPTF |
| F96-0110-909 | M2”BSP - M2”NPTF |

## BSP male - BSP male reduced nipples



| Article | Threaded |
|---|---|
| F96-0100-302 | M3/8”BSP - M1/4”BSP |
| F96-0100-402 | M1/2”BSP - M1/4”BSP |
| F96-0100-403 | M1/2”BSP - M3/8”BSP |
| F96-0100-504 | M3/4”BSP - M1/2”BSP |
| F96-0100-604 | M1”BSP - M1/2”BSP |
| F96-0100-605 | M1”BSP - M3/4”BSP |
| F96-0100-806 | M1.1/2”BSP - M1”BSP |
| F96-0100-807 | M1.1/2”BSP - M1.1/4”BSP |
| F96-0100-907 | M2”BSP - M1.1/4”BSP |
| F96-0100-908 | M2”BSP - M1.1/2”BSP |

## BSP male - NPTF male reduced nipples



| Article | Threaded |
|---|---|
| F96-0110-204 | M1/4”BSP - M1/2”NPTF E.22 |
| F96-0110-302 | M3/8”BSP - M1/4”NPTF |
| F96-0110-304 | M3/8”BSP - M1/2”NPTF E.22 |
| F96-0110-305 | M3/8”BSP - M3/4”NPTF |
| F96-0110-403 | M1/2”BSP - M3/8”NPTF |
| F96-0110-405 | M1/2”BSP - M3/4”NPTF |
| F96-0110-504 | M3/4”BSP - M1/2”NPTF |
| F96-0110-604 | M1”BSP - M1/2”NPTF |
| F96-0110-605 | M1”BSP - M3/4”NPTF |
| F96-0110-806 | M1.1/2”BSP - M1”NPTF |
| F96-0110-807 | M1.1/2”BSP - M1.1/4”NPTF |
| F96-0110-907 | M2”BSP - M1.1/4”NPTF |
| F96-0110-908 | M2”BSP - M1.1/2”NPTF |

## BSP male - BSP female extension



| Article | Threaded |
|---|---|
| F96-0210-404 | M1/2”BSP - F1/2”BSP |
| F96-0210-505 | M3/4”BSP - F3/4”BSP |

## NPTF male - BSP female extension



| Article | Threaded |
|---|---|
| F96-0212-404 | M1/2”NPTF - F1/2”BSP |
| F96-0212-505 | M3/4”NPTF - F3/4”BSP |

## BSP male - BSP female reduced extension



| Article | Threaded |
|---|---|
| F96-0210-203 | M1/4”BSP - F3/8”BSP |
| F96-0210-304 | M3/8”BSP - F1/2”BSP |
| F96-0210-305 | M3/8”BSP - F3/4”BSP |
| F96-0210-405 | M1/2”BSP - F3/4”BSP |
| F96-0210-506 | M3/4”BSP - F1”BSP |

## NPTF male - BSP female reduced extension



| Article | Threaded |
|---|---|
| F96-0212-304 | M3/8”NPTF - F1/2”BSP |
| F96-0212-305 | M3/8”NPTF - F3/4”BSP |
| F96-0212-405 | M1/2”NPTF - F3/4”BSP |
| F96-0212-506 | M3/4”NPTF - F1”BSP |

## BSP male - BSP female plug reductions



| Article | Threaded |
|---|---|
| F96-0300-201 | M1/4”BSP - F1/8”BSP |
| F96-0300-302 | M3/8”BSP - F1/4”BSP |
| F96-0300-403 | M1/2”BSP - F3/8”BSP |
| F96-0300-504 | M3/4”BSP - F1/2”BSP |
| F96-0300-604 | M1”BSP - F1/2”BSP |
| F96-0300-605 | M1”BSP - F3/4”BSP |
| F96-0300-908 | M2”BSP - F1.1/2”BSP |

## NPTF male - BSP female plug reductions



| Article | Threaded |
|---|---|
| F96-0302-403 | M1/2”NPTF - F3/8”BSP |
| F96-0302-504 | M3/4”NPTF - F1/2”BSP |
| F96-0302-605 | M1”NPTF - F3/4”BSP |

## Quick disconnect coupling female

| Article | Inlet | Pressure | Delivery | Iso |
|---|---|---|---|---|
| F96-0500-004 | F 1/2" | 250 bar | 41 l/min | 7241-A |
| F96-0500-005 | F 3/4" | 250 bar | 81 l/min | 7241-A |
| F96-0500-006 | F 1" | 230 bar | 140 l/min | 7241-A |



F96-0500-004

## Quick disconnect coupling male

| Article | Inlet | Pressure | Delivery | Iso |
|---|---|---|---|---|
| F96-0502-004 | F 1/2" | 250 bar | 41 l/min | 7241-A |
| F96-0502-005 | F 3/4" | 250 bar | 81 l/min | 7241-A |
| F96-0502-006 | F 1" | 230 bar | 140 l/min | 7241-A |



F96-0502-004

### Art. 025-1280-005
### Flow control compensator F 3/4"

It eliminates pressure changes ensuring a smooth flow
Composed by:
One-way check valve
Suitable for ratio pumps **R=1:1 - 3:1 - 5:1**
Max pressure 80 bar



025-1280-005

### Art. 910-0600-020
**Flexible hose 1" Ø 25 mm 2 m length**
In black rubber spiralcarbur 10 bar sleeve
For wall-fixing pumps



910-0600-020

### Art. 911-0600-020
**Flexible hose 1" Ø 25 mm 2 m length**
In blue rubber spiral 10 bar sleeve
For wall-fixing pumps with STAINLESS STEEL shank



911-0600-020

### Art. 906-0738-020
**Flexible hose 1SC 1.1/4" F-F90°- 1.1/2" 2 m lenght**
In black rubber 88 bar Ø 41 connected
For wall-fixing pumps



906-0738-020

## Connection flexible hoses

| Article | Characteristics | | | | | Pressure | Burst | Length |
|---|---|---|---|---|---|---|---|---|
| 906-0424-015 | 1SC | 1/2" | F | - | F | W.P.160 bar | 640 bar | 1,5 m |
| 906-0424-020 | 1SC | 1/2" | F | - | F | W.P.160 bar | 640 bar | 2,0 m |
| 906-0404-030 | 1SC | 1/2" | M | – | F | W.P.160 bar | 640 bar | 3,0 m |
| 906-0404-040 | 1SC | 1/2" | M | – | F | W.P.160 bar | 640 bar | 4,0 m |
| 906-0404-050 | 1SC | 1/2" | M | - | F | W.P.160 bar | 640 bar | 5,0 m |
| 906-0404-060 | 1SC | 1/2" | M | - | F | W.P.160 bar | 640 bar | 6,0 m |
| 906-0404-075 | 1SC | 1/2" | M | – | F | W.P.160 bar | 640 bar | 7,5 m |
| 906-0404-080 | 1SC | 1/2" | M | – | F | W.P.160 bar | 640 bar | 8,0 m |
| 906-0404-100 | 1SC | 1/2" | M | - | F | W.P.160 bar | 640 bar | 10,0 m |
| 906-0525-010 | 1SC | 3/4" | F | - | F | W.P.105 bar | 420 bar | 1,0 m |
| 906-0525-015 | 1SC | 3/4" | F | - | F | W.P.105 bar | 420 bar | 1,5 m |
| 906-0525-020 | 1SC | 3/4" | F | - | F | W.P.105 bar | 420 bar | 2,0 m |
| 906-0505-030 | 1SC | 3/4" | M | – | F | W.P.105 bar | 420 bar | 3,0 m |
| 906-0505-040 | 1SC | 3/4" | M | – | F | W.P.105 bar | 420 bar | 4,0 m |
| 906-0505-050 | 1SC | 3/4" | M | – | F | W.P.105 bar | 420 bar | 5,0 m |
| 906-0626-010 | 1SC | 1" | F | - | F | W.P.88 bar | 352 bar | 1,0 m |
| 906-0626-020 | 1SC | 1" | F | - | F | W.P.88 bar | 352 bar | 2,0 m |
| 906-0606-030 | 1SC | 1" | M | - | F | W.P.88 bar | 352 bar | 3,0 m |

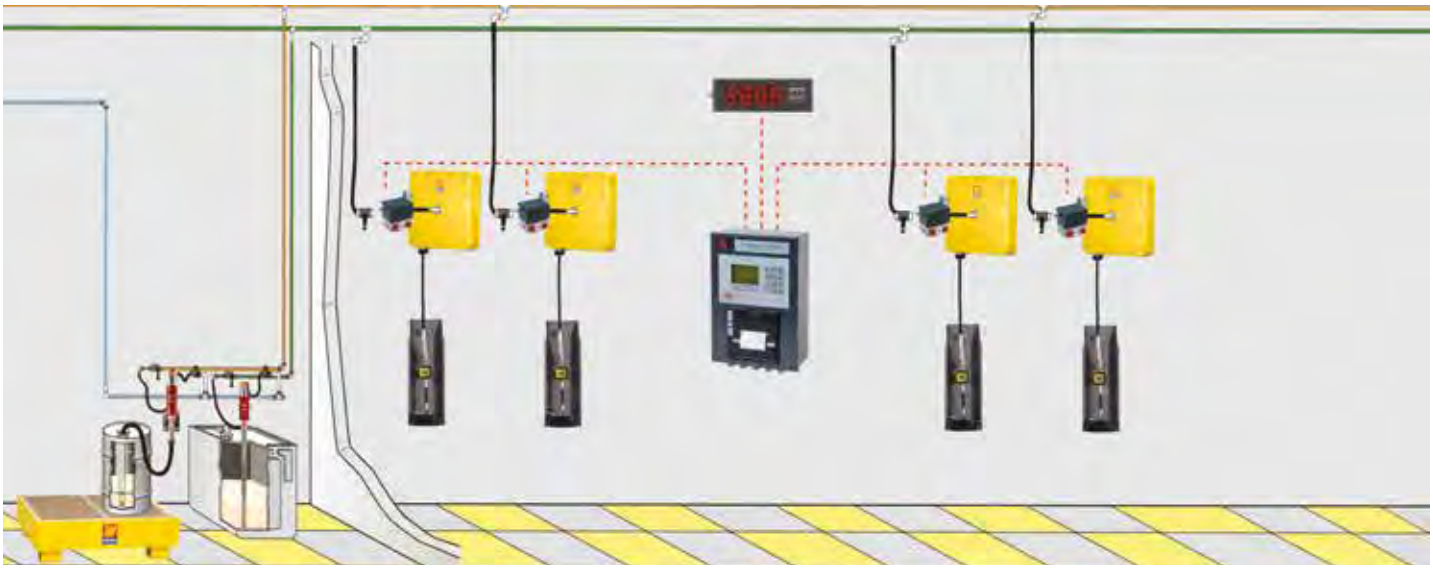


# CENTRALIZED FLUIDS MANAGING SYSTEMS

The FMS Compact is a compact and easy to use fluid management system for up to 4 dispense points (tank management). The system is equipped with an integral printer, alphanumeric keypad and internal large graphic display.
Due to its intelligent control, the system only allows operations by entering a personal code (up to 99 authorized operators). It prints a ticket after each transaction and stores up to 1600 transactions in its memory for eventual download to a PC computer. All the inputs and outputs of the system are wired by means of terminal clamps located inside the enclosure ensuring an easy “plug & play” installation without the need of opening the housing. The rugged steel housing and high quality plug connectors guarantee reliable operations in harsh conditions. Customised version with firmware adaption, LCR pulse scalers or internal pulse isolators are available upon request.
The FMS Compact can be used as a batch control and tank management system. It can be combined and managed with many mechanical and electronic flow meters via the pulse output/input offering a broad range of applications – from the management of mineral oils and similar fluids.



# CENTRALIZED FLUIDS MANAGING SYSTEMS FOR 4 DISPENSING POINTS "FMS Compact"



## Art. 026-1950-000

**FMS Compact control unit**

To manage fluids up to 4 dispensing points with 4 different products
Integrated printer for receipts
Alphanumeric keypad
RS 232 serial port for PC or printers
Connection for barcode reader is available
Protection class IP 42



**026-1950-000**

**Brass solenoid valve 24V DC 8W for oil and similar fluids**

| Article | Inlet-Outlet | Flow max | Pressure min-max | Viscosity max |
|---|---|---|---|---|
| **026-1960-004** | **F 1/2"** | 60 l/min | 0.15 - 25 bar | 25 cST |



**026-1960-004**

**Stainless steel AISI 316L solenoid valve 24V DC 8W for anti-freeze and windscreen**

| Article | Inlet-Outlet | Flow max | Pressure min-max | Viscosity max |
|---|---|---|---|---|
| **026-1965-004** | **F 1/2"** | 60 l/min | 0.15 - 25 bar | 25 cST |



**026-1965-004**

**Pulse trasmitters for oil and similar fluids**

| Article | Inlet-Outlet | Flow min-max | Pressure min-max | Pulses/liter |
|---|---|---|---|---|
| **026-1970-004** | **F 1/2"** | 1-35 l/min | 0.35 - 100 bar | 100 |



**026-1970-004**

**Pulse trasmitters for anti-freeze and windscreen**

| Article | Inlet-Outlet | Flow min-max | Pressure min-max | Pulses/liter |
|---|---|---|---|---|
| **026-1975-004** | **F 1/2"** | 1-35 l/min | 0.35 - 100 bar | 100 |

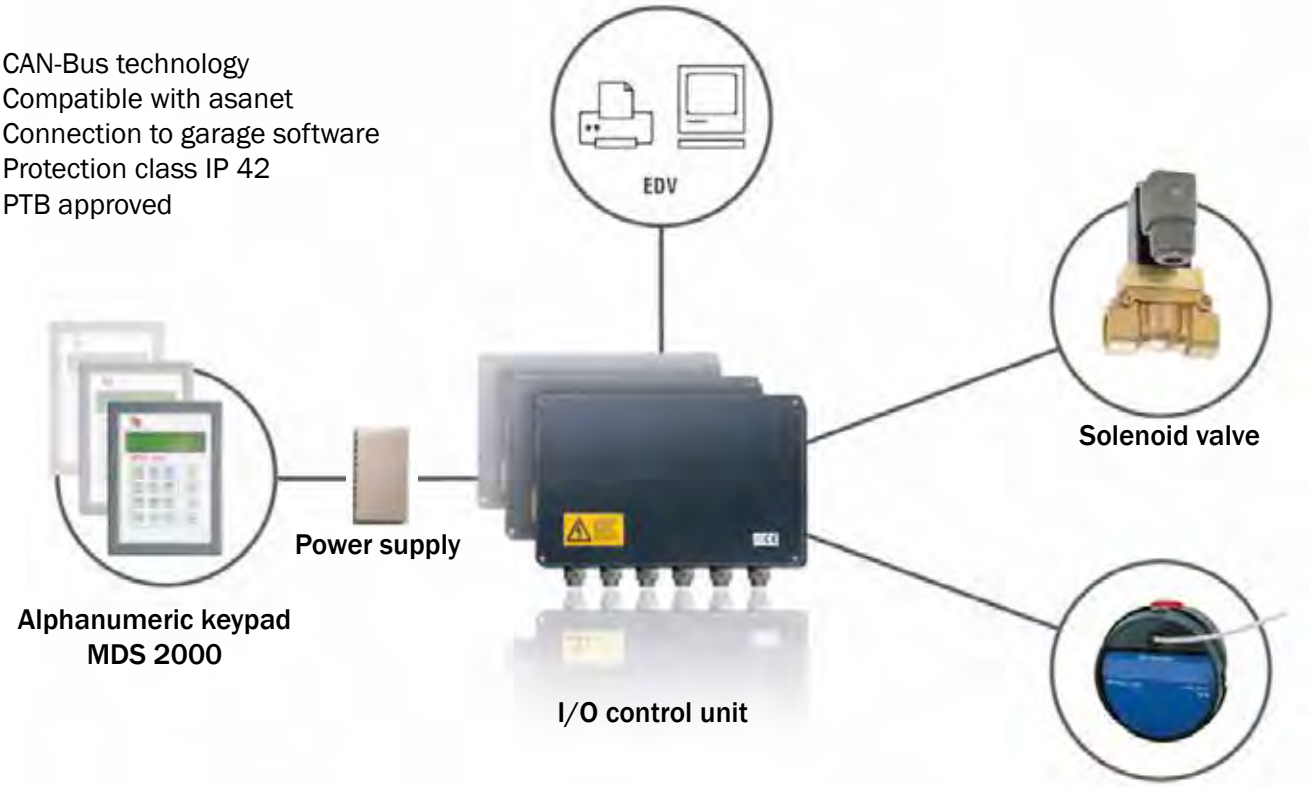


**026-1975-004**

| Article | Inlet-Outlet | Flow min-max | Pressure min-max | Temperature | Accuracy | Pulses/liter |
|---|---|---|---|---|---|---|
| **026-1970-004** | **F 1/2" BSP** | 1 - 35 l/min | 0.35 - 100 bar | -10°+ 50° C | +/- 0,5% | 100 |
| **026-1975-004** | **F 1/2" BSP** | 1 - 35 l/min | 0.35 - 100 bar | -10°+ 60° C | +/- 0,5% | 100 |

The oil management system MDS 2000 has been designed to control and manage lubricants to achieve product accountability and profit centre protection. The system is especially designed to be installed in small or large garages, car pools, forwarders and industry.
The entry level consists of one alphanumeric access keypad, network linked to one I/O control unit, controlling up to 8 dispensing points each of which with the same fluid/grade.
Transaction data is retrieved on a standard serial printer. The system upgrades easily to control up to 64 dispensing points, all working simultaneously with multi-access keypads.
Transaction tickets printers can be connected on each keypad to hold the mechanic accountable and/or to print the data at different workshop departments. The data can be archived, restored and exported to the main workshop computer. The system can communicate with any workshop host computer by means of a free programmable RS 232 interface.

- CAN-Bus technology
- Compatible with asanet
- Connection to garage software
- Protection class IP 42
- PTB approved




**Art. 026-1954-000**
**Alphanumeric keypad MDS 2000**
Designed to control and monitoring oils and other fluids enabling a dispense with a +/- 0.5% tolerance.
It is possible to serially connect 8 control units to manage up to 64 dispensing points.


026-1954-000

**Art. 026-1955-000**
**I/O power supply I/O for MDS 2000**
Inlet : 230 VAC, 6.3A, 360 VA
Output: power supply I/O 1-2


026-1955-000

**Art. 026-1958-000**
**I/O control unit**
It is the core of the MDS system and it manages all the operations.


026-1958-000

### Brass solenoid valve 24V DC 8W
### for oil and similar fluids

| Article | Inlet-Outlet | Flow max | Pressure min-max | Viscosity max |
|---|---|---|---|---|
| 026-1960-004 | F 1/2” | 60 l/min | 0.15 - 25 bar | 25 cST |
| 026-1960-005 | F 3/4” | 90 l/min | 0.15 - 25 bar | 25 cST |


026-1960-004

### Stainless steel AISI 316L solenoid valve 24V DC 8W
### for anti-freeze and windscreen

| Article | Inlet-Outlet | Flow max | Pressure min-max | Viscosity max |
|---|---|---|---|---|
| 026-1965-004 | F 1/2” | 60 l/min | 0.15 - 25 bar | 25 cST |
| 026-1965-005 | F 3/4” | 90 l/min | 0.15 - 25 bar | 25 cST |


026-1965-004

### Pulse trasmitters
### for oil and similar fluids

| Article | Inlet-Outlet | Flow min-max | Pressure min-max | Pulses/liter |
|---|---|---|---|---|
| 026-1970-004 | F 1/2” | 1-35 l/min | 0.35 - 100 bar | 100 |
| 026-1970-005 | F 3/4” | 3-60 l/min | 0.35 - 100 bar | 66,75 |


026-1970-004

### Pulse trasmitters
### for anti-freeze and windscreen

| Article | Inlet-Outlet | Flow min-max | Pressure min-max | Pulses/liter |
|---|---|---|---|---|
| 026-1975-004 | F 1/2” | 1-35 l/min | 0.35 - 100 bar | 100 |
| 026-1975-005 | F 3/4” | 3-60 l/min | 0.35 - 100 bar | 66,75 |


026-1975-004

### Pulse trasmitters “MID approved”
### for oil and similar fluids

OIML R117-1

| Article | Inlet-Outlet | Flow min-max | Pressure min-max | Pulses/liter |
|---|---|---|---|---|
| 026-1971-MID | F 1/2” | 1-35 l/min | 0.35 - 100 bar | 100 |


026-1971-MID

### Pulse trasmitters “MID approved”
### for anti-freeze

OIML R117-1

| Article | Inlet-Outlet | Flow min-max | Pressure min-max | Pulses/liter |
|---|---|---|---|---|
| 026-1976-MID | F 1/2” | 1-35 l/min | 0.35 - 100 bar | 100 |


026-1976-MID

| Article | Inlet-Outlet | Fluids | Flow min-max | Pressure | Temperature | Accuracy | Pulses/liter |
|---|---|---|---|---|---|---|---|
| 026-1970-004 | F 1/2” BSP | oil | 1 - 35 l/min | 0.35 - 100 bar | -10° + 50° C | +/- 0,5% | 100 |
| 026-1970-005 | F 3/4” BSP | oil | 3 - 60 l/min | 0.35 - 100 bar | -10°+ 60° C | +/- 0,75% | 66,75 |
| 026-1975-004 | F 1/2” BSP | anti-freeze windscreen | 1 - 35 l/min | 0.35 - 100 bar | -10°+ 50° C | +/- 0,5% | 100 |
| 026-1975-005 | F 3/4” BSP | anti-freeze windscreen | 3 - 60 l/min | 0.35 - 100 bar | -10°+ 60° C | +/- 0,75% | 66,75 |
| 026-1971-MID | F 1/2” BSP | oil | 1 - 10 l/min | 0.35 - 100 bar | -10°+ 50° C | +/- 0,3% | 100 |
| 026-1976-MID | F 1/2” BSP | anti-freeze | 1 - 10 l/min | 0.35 - 100 bar | -10°+ 50° C | +/- 0,3% | 100 |

# “LMS-RFZ” WIRELESS FLUIDS MANAGING SYSTEMS WITH ZigBee® TECHNOLOGY RADIOFREQUENCY NETWORK

## FLUID MANAGEMENT SYSTEMS

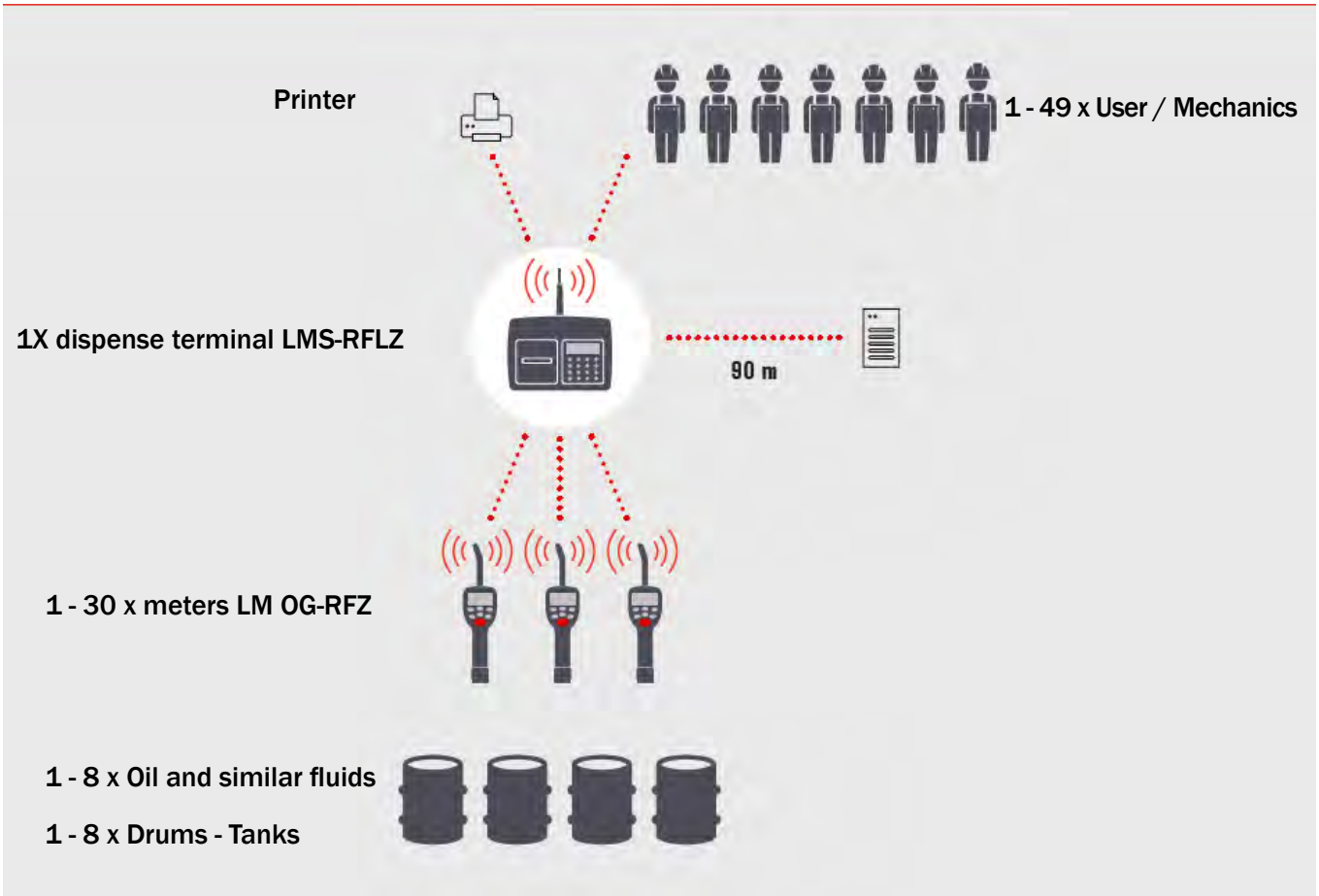
Oil management systems that dispense volumes of fluids in automotive workshops require highly accurate flow meters and pulse transmitters, trouble-free and secured manipulation in remote transmission equipment in addition to durable data memory that is able to retrieve dispense data, quantities and oil products at any time. The radio frequency based systems with MID approval offer the advantage of a wireless communication between the dispensing terminal and meter.

## LMS-RFZ SYSTEM

## WIRELESS OIL MANAGEMENT SYSTEMS WITH ZigBee® TECHNOLOGY

The LMS-RFZ oil management system offers wireless communication between all terminals and meters using the ZigBee® radio technology.
All terminals are creating a dynamic meshed radio network in the workshop which optimizes the radio coverage and also enables the bridging of long distances. Mobile trolleys can be easily connected. The system can be connected to a local Dealer Management System (DMS) by using a free programmable HOST Interface.

### LMS-RFZ BASIC SYSTEM (2.5 GHz)




- **BASIC system**

  Up to 49 possible users/mechanics

  Integration of barcode scanners possible.
- Quick installation, no cutting into existing pipes
- ZigBee® technology 2,4 GHz
- Encrypted RF communication
- Easy upgrades

# “BASIC” WIRELESS FLUIDS MANAGING SYSTEM WITH ZigBee TECHNOLOGY RADIOFREQUENCY NETWORK

**Art. 026-2010-000**
**Wireless Terminal Dispense-Basic LMS-RFLZ**
Composed by:
12 buttons keypad
LCD display
Integrated printer



**026-2010-000**

**Art. 026-2015-A00**
**LM OG-RFZ radiofrequency digital meter**
**For oil and similar fluids,** Composed by:
Digital flow meter with preselection
Handle with swivelling joint F 1/2’’ BSP
**Flexible end** 105° Manual drop valve Ø 12 mm



**026-2015-A00**

**Art. 026-2015-C00**
**LM OG-RFZ radiofrequency digital meter**
**For oil and similar fluids,** Composed by:
Digital flow meter with preselection
Handle with swivelling joint F 1/2’’ BSP
**Flexible end** 105° Automatic drop valve Ø 14 mm



**026-2015-C00**

**Art. 026-2015-E00**
**LM OG-RFZ radiofrequency digital meter**
**For oil and similar fluids,** Composed by:
Digital flow meter with preselection
Handle with swivelling joint F 1/2’’ BSP
**Rigid end** 30° Automatic drop valve Ø 14 mm



**026-2015-E00**

**Art. 026-2015-DX0**
**LM OG-RFZ radiofrequency digital meter**
**For anti-freeze and windscreen,** Composed by:
Digital flow meter with preselection
Handle with swivelling joint F 1/2’’ BSP
**Rigid end** 45° stainless steel, automatic anti-drop valve



**026-2015-DX0**

| Article | Inlet-Outlet | Fluids | Flow min max | Pressure min-max | Temperature | Accuracy | Battery powered |
|---|---|---|---|---|---|---|---|
| **026-2015-A00** | **F 1/2” BSP** | oil | 1 - 30 l/min | 0.35 - 70 bar | -5° + 50° C | +/- 0,5% | 4 x 1,5V AA |
| **026-2015-C00** | **F 1/2” BSP** | oil | 1 - 30 l/min | 0.35 - 70 bar | -5° + 50° C | +/- 0,5% | 4 x 1,5V AA |
| **026-2015-E00** | **F 1/2” BSP** | oil | 1 - 30 l/min | 0.35 - 70 bar | -5° + 50° C | +/- 0,5% | 4 x 1,5V AA |
| **026-2015-DX0** | **F 1/2” BSP** | anti-freeze windscreen | 1 - 30 l/min | 0.35 - 70 bar | -5° + 50° C | +/- 0,5% | 4 x 1,5V AA |

## BASIC SYSTEM

The RF oil management system is designed to control and monitor the consumption and inventory balances of automotive fluid products with minimal installation and programming costs. The system is using RF communication between the keypad and the meter. The wall mounted keypad module consists of a 12-button keypad, LCD display and integral ticket printer. The system can control up to 30 meters and track 8 different fluids and tanks, sending and receiving data typically up to 90m (300 feet) in a service facility installation. A unique, patented feature of the control system is that the trigger of the dispensing meter is locked until authorization from the keypad is received. After the dispense is completed, the user can top off the dispense and the actual amount used is sent back to the keypad. The meter then returns to the locked status. Additionally, the meter can be installed on portable dolly systems offering control and monitoring of often high-cost lubrication products.

# “HIGH END” WIRELESS FLUIDS MANAGING SYSTEM WITH ZigBee® TECHNOLOGY RADIOFREQUENCY NETWORK

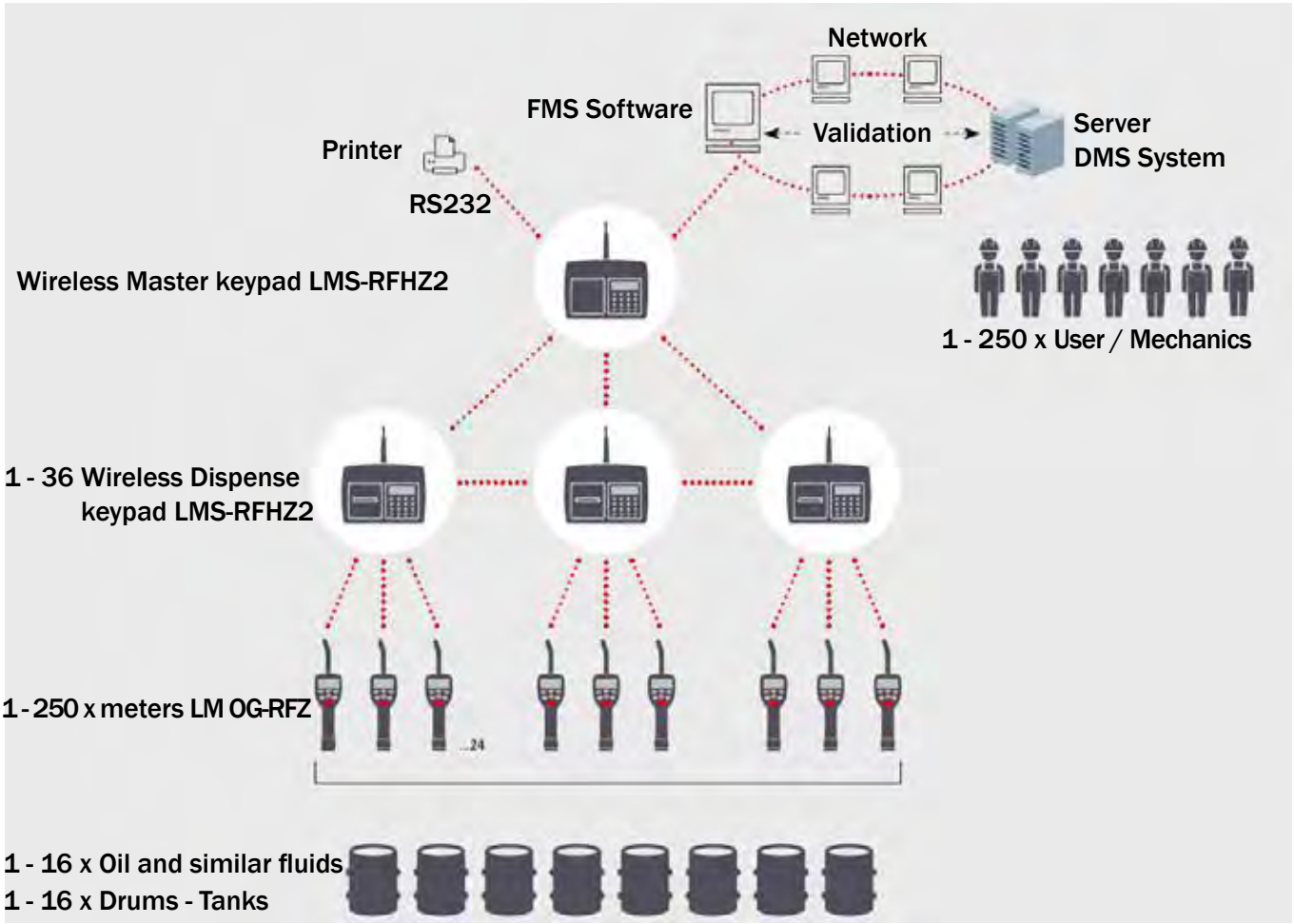
## HIGH END SYSTEM

The HIGH END system hardware consists of one master keypad and at least one dispense keypad as well as at least one radio frequency (RF) electronic prekit meter. The master keypad handles serial communication between the PC or a host server (ERP system) and RF communication to the dispense keypads in the system. The system verifies the operator’s pin number and validates the work order number, fluid quantities and the valid hose/meter.

The master keypad can communicate with up to 36 dispense keypads that can be positioned to support the workflow of the facility the best way. Each dispense keypad can control up to 24 meters, for a total of 250 meters. The system supports up to 16 tanks and 16 fluids as a part of the system configuration. The system supports 250 unique operator IDs and pin numbers. The system uses direct sequence spread spectrum RF technology to prevent communication problems with other equipment in the facility. The RF system will look for a clear channel for transmission to insure that there is reliable communications at all times.

Communication distances are typically up to 100 meters, but can go up to 300 meters with unobstructed line-of-sight. A remote antenna is available for situations where multiple buildings are involved in the installation.

### HIGH END System




- Up to 250 possible users/mechanics
- It is possible the connection to the interfaces for the garage equipment (ASA-Network, Autoline, Vaudis, Alphaplus, Cross and many more)
- Integration of barcode scanners possible
- Quick installation, no cutting into existing pipes
- ZigBee® technology 2,4 GHz
- Encrypted RF communication
- Easy upgrades
- Includes PC software package (High End System)

# “HIGH END” WIRELESS FLUIDS MANAGING SYSTEM WITH ZigBee® TECHNOLOGY RADIOFREQUENCY NETWORK

**Art. 026-2012-000**
**Wireless Master keypad LMS-RFHZ2**
Composed by:
Keypad with 12 buttons
LCD display
Integrated printer
RS232 connection to PC or printer
RS232 connection to server (MDS System)
FMS software for


**026-2012-000**

**Art. 026-2013-000**
**Wireless Dispense keypad LMS-RFHZ2**
Composed by:
Keypad with 12 buttons
LCD display

**Art. 026-2014-000**
**Wireless Dispense keypad LMS-RFHZ2-PRT**
Like 026-2013-000 but with integrated printer
**Integrated printer**


**026-2014-000**

**Art. 026-2015-C00**
**Radiofrequency digital meter LM OG-RFZ**
For oil and similar, Composed by:
Digital flow meter with preselection
Handle with swivelling joint F 1/2’’ BSP
**Flexible end** 105° automatic anti-drop valve

**Art. 026-2015-A00**
**Radiofrequency digital meter LM OG-RFZ**
Composed like Art.026-2015-C00 but with:
**Flexible end** 105° manual drop valve


**026-2015-C00**

**Art. 026-2015-E00**
**Radiofrequency digital meter LM OG-RFZ**
For oil and similar, Composed by:
Digital flow meter with preselection
Handle with swivelling joint F 1/2’’ BSP
**Rigid end** 30° automatic anti-drop valve


**026-2015-E00**

**Art. 026-2015-DX0**
**Radiofrequency digital meter LM OG-RFZ**
**For anti-freeze and windscreen,** Composed by:
Digital flow meter with preselection
Handle with swivelling joint F 1/2’’ BSP
**Rigid end** 45° stainless steel, automatic anti-drop valve


**026-2015-DX0**

| Article | Inlet-Outlet | Fluids | Flow min max | Pressure min-max | Temperature | Accuracy | Battery powered |
|---|---|---|---|---|---|---|---|
| **026-2015-A00** | **F 1/2” BSP** | oil | 1 - 30 l/min | 0.35 - 70 bar | -5°+ 50° C | +/- 0,5% | 4 x 1,5V AA |
| **026-2015-C00** | **F 1/2” BSP** | oil | 1 - 30 l/min | 0.35 - 70 bar | -5°+ 50° C | +/- 0,5% | 4 x 1,5V AA |
| **026-2015-E00** | **F 1/2” BSP** | oil | 1 - 30 l/min | 0.35 - 70 bar | -5°+ 50° C | +/- 0,5% | 4 x 1,5V AA |
| **026-2015-DX0** | **F 1/2” BSP** | anti-freeze windscreen | 1 - 30 l/min | 0.35 - 70 bar | -5°+ 50° C | +/- 0,5% | 4 x 1,5V AA |



026-2040-000

## Art. 026-2040-000

**DMS software interface**

Interface for management system



026-2030-004

## Art. 026-2030-004

**TANK SURVEILLANCE SmartBox 4 LAN**

The fluid management system can be connected to a LAN based tank surveillance system SmartBox® 4 LAN.
It can be used for remote monitoring of the level in unpressurized tanks containing liquids. In addition to re-cording the tank content and remote data transfer, other functions can be implemented by system enhance-ments. It has a 2-line LCD display, four measuring inputs to con-nect the probes, a fault message input and an integrated network connection for remote data transmission.

- Four probes can be attached to one SmartBox® LAN PRO
- Additional units can be added to cover 16 tanks
- Additional administration software available
- The FMS software can send a tank level warning by e-mail to various recipients
- The level in movable trollies can still be calculated by consumption



026-2035-000

## Art. 026-2035-000

**Detection sensor for SmartBox 4 LAN**

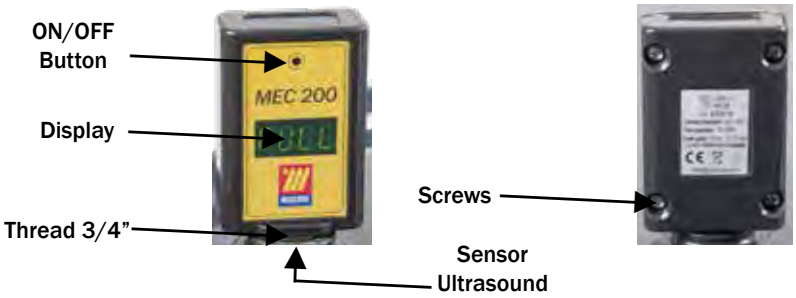
To control the liquids’ level in the tanks

# ELECTRONIC LEVEL INDICATOR MEC 200 FOR DRUMS 180-208 L

**Art. 026-1900-000**
**Electronic level indicator MEC 200 for drums 180-208 l**
Unit of measurement: **litres**
Don't use the device with flammable liquids




**Art. 026-1900-G00**
**Electronic level indicator MEC 200 for drums 48-55 gal**
Unit of measurement: **gallons**
Don't use the device with flammable liquids




## DESCRIPTION

MEC 200 is an ultrasound electronic device that detects the distance with a liquid or a solid, converting it into volume through an algorithm. With the calibration level kit up by the manufacturer, MEC 200 calculates the level of the liquid inside the 180/208 l drums.

## MODE OF OPERATION

### SWITCHING ON/OFF

Press the button on the display for more than 3 seconds to switch the device on and off. If you are switching it on, "On" will appear on the display; if you are switching it off, "Off" will appear on the display.

### AUTOMATIC MEASURAMENT

Once you switch it on, it will measure the level every 20 minutes, without showing anything.
When it starts flashing with "ALL. 20 L.", it is informing the operator that the level of stock available in the drum is between 20 and 10 l. When this happens, the device keeps showing the alarm status until the button on/off is pressed, thereafter at every press of the button a single measurement will be displayed.
When it starts flashing with "ALL. 10 L.", it is informing the operator that the level of stock available in the drum is between 10 and 0 l. When this happens, the device will keep showing the alarm status until it will be switched off and/or the empty drum will be replaced by a new one.

### IMMEDIATE MEASURAMENT

If by pressing the on/off button you will see "FULL", it means that the drum contains more than 145 l. If the level is between 145 l and 20 l, by pressing the button you will see the actual litres contained in the drum. If the level is below 20 l the operator will see the different warnings seen in the previous paragraph.

### LOW BATTERY

When the batteries of the device are low, the device warns the operator. It is displayed with 4 points flashing every 5 seconds. In this status MEC 200 does not provide any measurement, you must switch the device off and change the batteries (2X1,5V AAA).

## WARNINGS

- Do not use the device on drums containing flammable liquids or releasing explosive gases;
- Do not put the device into direct contact with the contents of the drum;
- Do not use the device on drums placed on a slopping area;
- Do not move the drum when the device is installed.



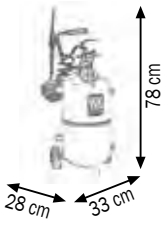
027-1305-000

## Art. 027-1305-000

**24 l pneumatic oil dispenser**

Composed by:
Tank capacity 24 l (with level indicator)
Delivery hose Ø 12 mm spring PU hose 3 m length (027-1303-030)
Oil dispensing nozzle (024-1232-E00)
With flexible end manual drop valve Ø 12 mm
Funnel to fill the tank

| | Kg | m³ | № |
|---|---|---|---|
| 027-1305-000 | 11,700 | 0,074 | 1 |





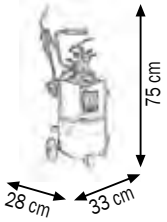

027-1307-000

## Art. 027-1307-000

**24 l pneumatic oil dispenser stainless steel**

Composed by:
Tank capacity 24 l (with level indicator)
Delivery hose Ø 12 mm spring PU hose 3 m length (027-1303-030)
Oil dispensing nozzle (024-1232-E00)
With flexible end manual drop valve Ø 12 mm
Funnel to fill the tank

| | Kg | m³ | № |
|---|---|---|---|
| 027-1307-000 | 10,400 | 0,074 | 1 |





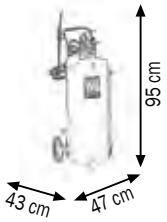

027-1310-000

## Art. 027-1310-000

**50 l pneumatic oil dispenser**

Composed by:
Tank capacity 50 l (with level indicator)
Delivery hose Ø 12 mm spring PU hose 3 m length (027-1303-030)
Oil dispensing nozzle (024-1232-E00)
With flexible end manual drop valve Ø 12 mm
Funnel to fill the tank

| | Kg | m³ | № |
|---|---|---|---|
| 027-1310-000 | 23,100 | 0,152 | 1 |



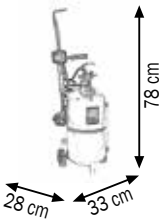

They are advised for the filling and maintenance of oil. The tank has to be filled for 4/5 of its capacity and when air is put inside at 6-8 bar it works automatically without any continuous connection to compressed air.

## Art. 027-1306-000

**24 l pneumatic oil dispenser**

Composed by:
Tank capacity 24 l (with level indicator)
Delivery hose Ø 12 mm spring PU hose 3 m length (027-1303-030)
**Oil digital nozzle** (Art.024-1233-A00)
With flexible end manual drop valve Ø 12 mm
Funnel to fill the tank

| | Kg | m³ | № |
|---|---|---|---|
| **027-1306-000** | 12,900 | 0,074 | 1 |





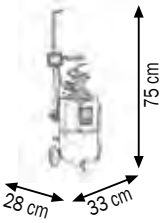

**027-1306-000**

## Art. 027-1308-000

**24 l pneumatic oil dispenser stainless steel**

Composed by:
Tank capacity 24 l (with level indicator)
Delivery hose Ø 12 mm spring PU hose 3 m length (027-1303-030)
**Oil digital nozzle** (Art.024-1233-A00)
With flexible end manual drop valve Ø 12 mm
Funnel to fill the tank

| | Kg | m³ | № |
|---|---|---|---|
| **027-1308-000** | 11,600 | 0,074 | 1 |





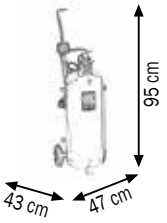

**027-1308-000**

## Art. 027-1312-000

**50 l pneumatic oil dispenser**

Composed by:
Tank capacity 50 l (with level indicator)
Delivery hose Ø 12 mm spring PU hose 3 m length (027-1303-030)
**Oil digital nozzle** (Art.024-1233-A00)
With flexible end manual drop valve Ø 12 mm
Funnel to fill the tank

| | Kg | m³ | № |
|---|---|---|---|
| **027-1312-000** | 24,100 | 0,152 | 1 |






**027-1312-000**

They are advised for the filling and maintenance of oil. The tank has to be filled for 4/5 of its capacity and when air is put inside at 6-8 bar it works automatically without any continuous link to compressed air.



027-1314-000

## Art. 027-1314-000

**65 l pneumatic oil dispenser**

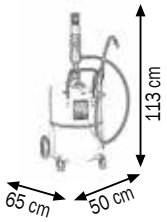
Composed by:
Tank capacity 65 l (with level indicator)
Art.024-1231-C00 Oil dispensing nozzle with flex. hose and aut.drop valve
Art.906-0404-030 Delivery hose 3 m length
Art.020-1190-000 Oil pump **ratio=3:1 30 l/min**

## Art. 027-1315-000

**65 l pneumatic oil dispenser**

Composed like Art.027-1314-000 but with:
Art.020-1200-000 Oil pump **ratio=5:1 28 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **027-1314-000** | 29,000 | 0,210 | 2 |
| **027-1315-000** | 30,100 | 0,210 | 2 |






027-1316-000

## Art. 027-1316-000

**65 l pneumatic oil dispenser with digital nozzle**

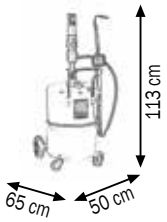
Composed by:
Tank capacity 65 l (with level indicator)
Art.024-1233-C00 Oil digital nozzle with flex. hose and aut.drop valve
Art.906-0404-030 Delivery hose 3 m length
Art.020-1190-000 Oil pump **ratio=3:1 30 l/min**

## Art.027-1317-000

**65 l pneumatic oil dispenser with digital nozzle**

Composed like Art.027-1316-000 but with:
Art.020-1200-000 Oil pump **ratio=5:1 28 l/min**

| | Kg | m³ | Nº |
|---|---|---|---|
| **027-1316-000** | 30,800 | 0,210 | 2 |
| **027-1317-000** | 31,000 | 0,210 | 2 |





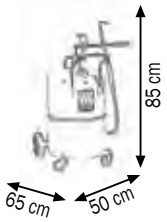

027-1329-000

## Art. 027-1329-000

**65 l manual oil dispenser**

Composed by:
Tank capacity 65 l (with level indicator)
Art.024-1232-F00 Oil dispensing nozzle with flex. hose and Man.drop valve
Art.902-0414-020 R6 1/2" hose M 1/2"- M 1/4" 2 m length
Double-acting manual oil pump
delivery quantity for each
lever action 220 gr

| | Kg | m³ | Nº |
|---|---|---|---|
| **027-1329-000** | 24,600 | 0,190 | 1 |




These equipment are supplied with pneumatic or manual pump, advised for the filling and maintenance of oils of every viscosity. The working pressure can swing between 3,5 - 8,5 bar obtaining a medium delivery of 13 l/min.





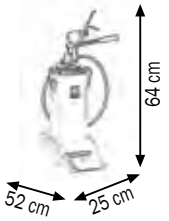
027-1320-000

## Art. 027-1320-000

**16 l manual oil dispenser**

Composed by:
Tank capacity 16 l
Manual pump
Delivery hose 2,0 m length
With level valve, rigid end 30°

| | | | |
|---|---|---|---|
| **027-1320-000** | 10,000 | 0,090 | 1 |





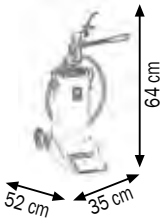

027-1322-000

## Art. 027-1322-000

**16 l wheeled manual oil dispenser**

Composed by:
Tank capacity 16 l
Manual pump
Delivery hose 2,0 m length
With level valve, rigid end 30°

| | | | |
|---|---|---|---|
| **027-1322-000** | 11,900 | 0,090 | 1 |





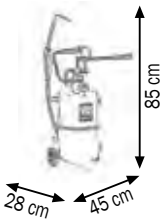

027-1326-000

## Art. 027-1326-000

**24 l manual oil dispenser**

Composed by:
Tank capacity 24 l (with level indicator)
Double-acting manual pump
Oil dispensing nozzle with flexible hose and drop valve (Art.024-1232-F00)
Delivery hose 2,0 m length

| | | | |
|---|---|---|---|
| **027-1326-000** | 14,300 | 0,074 | 1 |





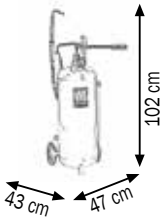

027-1328-000

## Art. 027-1328-000

**50 l manual oil dispenser**

Composed by:
Tank capacity 50 l (with level indicator)
Double-acting manual pump
Oil dispensing nozzle with flexible hose and drop valve (Art.024-1232-F00)
Delivery hose 2,0 m length

| | | | |
|---|---|---|---|
| **027-1328-000** | 26,200 | 0,196 | 1 |




Manual oil dispensers with double-acting manual pump, suitable for high viscosity oils (SAE 15-220). They are advised for the filling or dispensing of motor oils, transmissions, differential gears, hydraulic power packs and so on.

## Art. 027-1336-000

**Double-acting oil pump for drums of 50-220 l**

Composed by:
Art.025-1262-000 Threaded ring M 2” Ø 42 mm for pumps fastening
Art.024-1232-F00 Oil dispensing nozzle with flex. hose and aut.drop valve
Art.902-0414-020 R6 1/2” hose M 1/2”- M 1/4” 2 m length
Art.095-5284-000 Telescopic suction hose with foot valve
min 700 max 1000 mm length M1” inlet
Quantity of delivered oil for cycle 250 gr





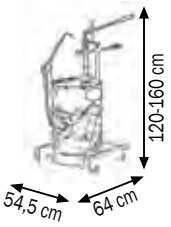

027-1336-000

| | Kg | m³ | Nº |
|---|---|---|---|
| **027-1336-000** | 6,200 | 0,031 | 1 |

## Art. 027-1338-000

**Double-acting wheeled oil pump for drums of 30-60 l**

Composed by:
Art.027-1336-000 Manual pump
Art.030-1395-000 4-wheels trolley






027-1338-000

| | Kg | m³ | Nº |
|---|---|---|---|
| **027-1338-000** | 19,800 | 0,076 | 1 |

## Art. 027-1325-000

**Oil and diesel fuel transfer pump**

Telescopic shank for drums of 30-220 l
**Delivery capacity 30 l/min**

## Art. 027-1325-A00

**Transfer pump for anti-freeze liquid, solvents**

Telescopic shank for drums of 30-220 l
**Delivery capacity 30 l/min**






027-1325-000

| | Kg | m³ | Nº |
|---|---|---|---|
| **027-1325-000** | 2,300 | 0,008 | 1 |
| **027-1325-A00** | 2,300 | 0,008 | 1 |

They are suitable for the dispensing of low and high viscosity oils (SAE 15-220); they are prearranged for the direct application to the tank.



027-3500-125

## Art. 027-3500-125

**Oil syringe brass body capacity 125 cc**
Suction-pressing type
Brass rigid hose with 30° bent
Body Ø 30 mm lenght 240 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 027-3500-125 | 0,600 | 0,001 | 1 |



027-3500-250

## Art. 027-3500-250

**Oil syringe brass body capacity 250 cc**
Suction-pressing type
Brass rigid hose with 30° bent
Body Ø 40 mm lenght 300 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 027-3500-250 | 0,700 | 0,001 | 1 |



027-3500-500

## Art. 027-3500-500

**Oil syringe brass body capacity 500 cc**
Suction-pressing type
Brass rigid hose with 30° bent
Body Ø 50 mm lenght 340 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 027-3500-500 | 0,850 | 0,002 | 1 |



027-3515-500

## Art. 027-3515-500

**Professional oil syringe for high viscosity oil capacity 500 cc**
Suction-pressing type
Steel body with straight rigid hose
and rigid hose 90° bent
Body Ø 50 mm lenght 410 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 027-3515-500 | 1,800 | 0,003 | 1 |



027-3521-000

## Art. 027-3521-000

**Professional oil syringe for high viscosity oil capacity 1000 cc**
Suction-pressing type
Steel body with straight rigid hose
and rigid hose 90° bent
Body Ø 57 mm lenght 530 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 027-3521-000 | 2,200 | 0,003 | 1 |

**Oil cans with rigid spout**
Plastic handle and tank
**Polypropylene** pump

| Article | Capacity | Spout lenght |
|---|---|---|
| **027-3600-200** | **200 cc** | 160 mm |
| **027-3600-300** | **300 cc** | 160 mm |
| **027-3600-500** | **500 cc** | 160 mm |


**027-3600-200**

**Oil cans with flexible spout**
Plastic handle and tank
**Polypropylene** pump

| Article | Capacity | Spout lenght |
|---|---|---|
| **027-3610-200** | **200 cc** | 170 mm |
| **027-3610-300** | **300 cc** | 170 mm |
| **027-3610-500** | **500 cc** | 170 mm |


**027-3610-200**

**Oil cans with rigid spout**
Steel handle and tank
**Brass** pump

| Article | Capacity | Spout lenght |
|---|---|---|
| **027-3620-200** | **200 cc** | 125 mm |
| **027-3620-300** | **300 cc** | 125 mm |
| **027-3620-500** | **500 cc** | 150 mm |


**027-3620-200**

**Oil cans with flexible spout**
Steel handle and tank
**Brass** pump

| Article | Capacity | Spout lenght |
|---|---|---|
| **027-3630-200** | **200 cc** | 150 mm |
| **027-3630-300** | **300 cc** | 150 mm |
| **027-3630-500** | **500 cc** | 175 mm |


**027-3630-200**

**Rigid brass spout for oil cans** Art.027-3600-200/300/500

| Article | Spout | Spout lenght |
|---|---|---|
| **027-3640-160** | Rigid | 160 mm |


**027-3640-160**

**Flexible spout for oil cans** Art.027-3610-200/300/500

| Article | Spout | Spout lenght |
|---|---|---|
| **027-3642-170** | Flexible | 170 mm |


**027-3642-170**

**Rigid steel spout for oil cans** Art.027-3620-200/300/500

| Article | Spout | Spout lenght |
|---|---|---|
| **027-3650-125** | Rigid | 125 mm |
| **027-3650-150** | Rigid | 150 mm |
| **027-3650-175** | Rigid | 175 mm |


**027-3650-125**

**Flexible steel spout for oil cans** Art.027-3630-200/300/500

| Article | Spout | Spout lenght |
|---|---|---|
| **027-3660-150** | Flexible | 150 mm |
| **027-3660-175** | Flexible | 175 mm |
| **027-3660-225** | Flexible | 225 mm |


**027-3660-150**

# SQUEEZE ACTION OIL CANS, GRADUATED DECANTERS AND FUNNEL



027-3680-020

**Squeeze action oil cans**
Polyethylene tank and plug
**Brass** tube

| Article | Capacity | Ø Tank | Tot. height |
|---|---|---|---|
| **027-3680-020** | **20 cc** | 22 mm | 160 mm |
| **027-3680-050** | **50 cc** | 36 mm | 160 mm |



027-3690-100

**Squeeze action oil cans**
Polyethylene tank and plug
**Brass** tube

| Article | Capacity | Ø Tank | Tot. height |
|---|---|---|---|
| **027-3690-100** | **100 cc** | 45 mm | 210 mm |
| **027-3690-250** | **250 cc** | 60 mm | 235 mm |
| **027-3690-300** | **300 cc** | 65 mm | 240 mm |



027-1354-000 027-1355-000 027-1356-000

**Polyethylene graduated decanters**
With lid, flexible hose and plug

| Article | Capacity | Flexible hose lenght |
|---|---|---|
| **027-1354-000** | **1 l** | 185 mm |
| **027-1355-000** | **2 l** | 185 mm |
| **027-1356-000** | **5 l** | 185 mm |
| **027-1354-010** | **Flexible hose for decanters 1-2 l** | 185 mm |
| **027-1356-010** | **Flexible hose for decanter 5 l** | 185 mm |



027-1359-000

**Polyethylene funnel**
With filter, flexible hose

| Article | Ø Funnel | Flexible hose lenght |
|---|---|---|
| **027-1359-000** | **190 mm** | 185 mm |

# STAINLESS STEEL AIR-OPERATED TRANSFER PUMPS FOR ANTI-FREEZE AND WINDSCREEN LIQUID



# STAINLESS STEEL AIR-OPERATED TRANSFER PUMPS FOR ANTI-FREEZE AND WINDSCREEN LIQUID Mod. 501X

**COMPRESSION RATIO = 1:1** **DELIVERY CAPACITY = 35 l/min**




## Art. 029-0978-000

**Stainless steel air-operated transfer pump**
**Mod. 501X ratio=1:1 Delivery capacity 35 l/min**
For wall-fixing or fixed positions
It allows different possibilities of application depending on the different accessories
**Viton** seals

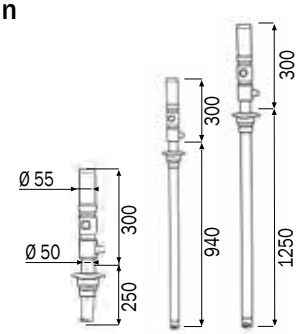
## Art. 029-0985-000

**Stainless steel air-operated transfer pump**
**Mod. 501X ratio=1:1 Delivery capacity 35 l/min**
For standard drums of 180-220 l
(shank length 940 mm)
**Viton** seals

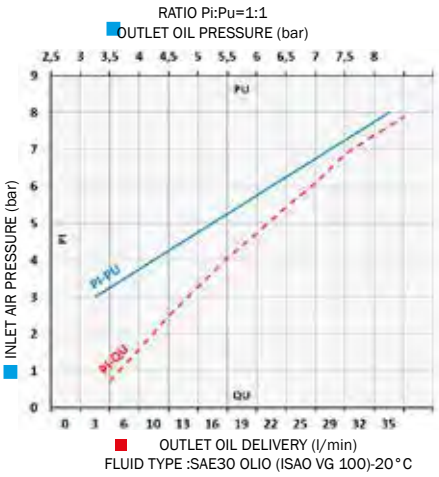
## Art. 029-0986-000

**Stainless steel air-operated transfer pump**
**Mod. 501X ratio=1:1 Delivery capacity 35 l/min**
For IBC tank 1000 l
(shank length 1250 mm)
**Viton** seals

**With threaded ring for drum connection.**




| | Kg | m³ | Nº |
|---|---|---|---|
| **029-0978-000** | 5,100 | 0,007 | 1 |
| **029-0985-000** | 6,800 | 0,016 | 1 |
| **029-0986-000** | 7,500 | 0,019 | 1 |




| TECHNICAL DATA | | 029-0978-000 | 029-0985-000 | 029-0986-000 |
|---|---|---|---|---|
| Compression ratio | | 1:1 | 1:1 | 1:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 200 | 200 | 200 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G |
| Oil outlet connection | BSP | M 1/2" G | M 1/2" G | M 1/2" G |
| Oil delivery capacity 8w bar | l/min | 35 | 35 | 35 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 50 | 50 | 50 |
| Shank length | mm | 245 | 940 | 1250 |
| For drums with capacity of | l | - | 180-220 | 1000 IBC |

They are suitable for fast transferring of anti-freeze and windscreen liquid. The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

# STAINLESS STEEL AIR-OPERATED TRANSFER PUMPS FOR ANTI-FREEZE AND WINDSCREEN LIQUID Mod. 603X

**COMPRESSION RATIO = 3:1** **DELIVERY CAPACITY = 30 l/min**

## Art. 029-1374-000

**Stainless steel air-operated transfer pump**
**Mod. 603X ratio=3:1 Delivery capacity 30 l/min**
For wall-fixing or fixed positions
It allows different possibilities of application depending on the different accessories
**Viton** seals

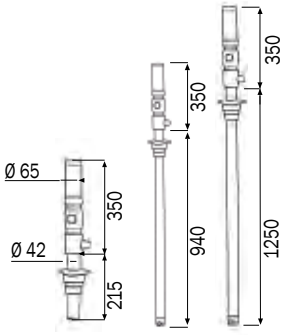
## Art. 029-1376-000

**Stainless steel air-operated transfer pump**
**Mod. 603X ratio=3:1 Delivery capacity 30 l/min**
For standard drums of 180-220 l
(shank length 940 mm)
**Viton** seals

## Art. 029-1376-125

**Stainless steel air-operated transfer pump**
**Mod. 603X ratio=3:1 Delivery capacity 30 l/min**
For IBC tank 1000 l
(shank length 1250 mm)
**Viton** seals

**With threaded ring for drum connection.**

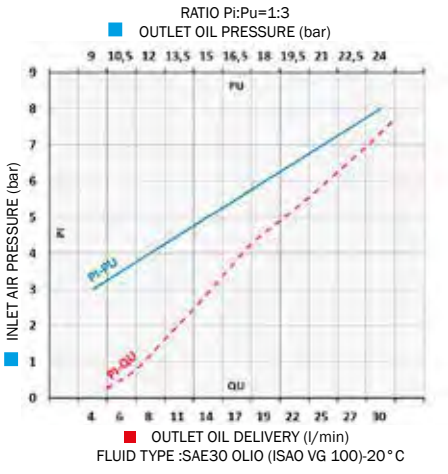






| | | | |
|---|---|---|---|
| **029-1374-000** | 8,200 | 0,007 | 1 |
| **029-1376-000** | 10,200 | 0,016 | 1 |
| **029-1376-125** | 11,000 | 0,019 | 1 |

| TECHNICAL DATA | | 029-1374-000 | 029-1376-000 | 029-1376-125 |
|---|---|---|---|---|
| Compression ratio | | 3:1 | 3:1 | 3:1 |
| Working pressure | bar | 6-8 | 6-8 | 6-8 |
| Air consumption | l/min | 220 | 220 | 220 |
| Air inlet connection | BSP | F 1/4" G | F 1/4" G | F 1/4" G |
| Oil outlet connection | BSP | M 1/2" G | M 1/2" G | M 1/2" G |
| Oil delivery capacity 8 bar | l/min | 30 | 30 | 30 |
| Noise | dB | 80 | 80 | 80 |
| Shank diameter | mm | 42 | 42 | 42 |
| Shank length | mm | 215 | 940 | 1250 |
| For drums with capacity of | l | - | 180-220 | 1000 IBC |




They are suitable for fast transferring of anti-freeze and windscreen liquid. The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

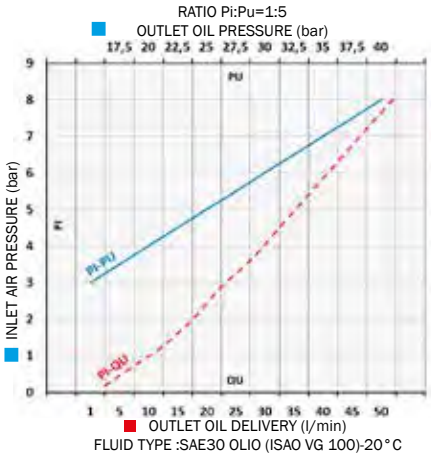


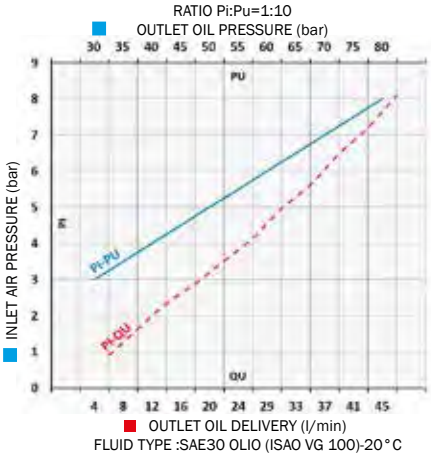

## Art. 021-0905-XDT

**Double-acting air-operated industrial disjoint pump stainless steel AISI 304 for chemical products**
**ratio=5:1 Delivery capacity 50 l/min**
**Mod. 905XD**
For wall-fixing or fixed positions.
**Teflon** seals

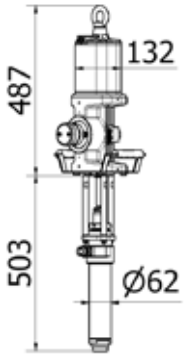
## Art. 021-1210-XDT

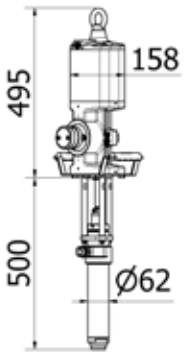
**Double-acting air-operated industrial disjoint pump stainless steel AISI 304 for chemical products**
**ratio=10:1 Delivery capacity 42 l/min**
**Mod. 1210XD**
For wall-fixing or fixed positions.
**Teflon** seals




| | Kg | m³ | Nº |
|---|---|---|---|
| **021-0905-XDT** | 24,100 | 0,110 | 1 |
| **021-1210-XDT** | 25,100 | 0,110 | 1 |




| Technical Data | | 021-0905-XDT | 021-1210-XDT |
|---|---|---|---|
| Compression ratio | | 5:1 | 10:1 |
| Working pressure | bar | 6-8 | 6-8 |
| Air consumption | m³/min | 1,70 | 2,90 |
| Air inlet connection | BSP | F 1/2" G | F 1/2" G |
| Oil outlet connection | BSP | M 3/4" G | M 3/4" G |
| Oil delivery capacity 8 bar | l/min | 50 | 42 |
| Noise | dB | 80 | 80 |
| Shank diameter | mm | 62 | 62 |
| Shank length | mm | Modular F1" | Modular F1" |
| For drums with capacity of | l | - | - |

Automatic engine body and shank kit are divided in order to avoid that the fluid enters directly in contact with device body. These pumps are advised for the transfer of aggressive fluid and chemical products compatible with the material of the pump (**stainless steel and Teflon**).
The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery hose; dimensions of connections and type of gun which is used. The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the performance and the time-life of the air-operated pumps we advise to use filtered and lubricated air.

## Art. 029-1380-000

**Wall-fixing kit for anti-freeze and windscreen liquid**

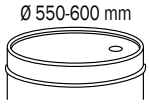
Composed by:
Art.029-0978-000 Stainless steel air-operated pump **ratio=1:1 35 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1269-094 Ø 42mm stainless steel suction tube 940 mm length
Art.025-1262-000 Threaded ring Ø 42 mm for pumps fastening
Art.911-0600-020 Flex blue hose Ø 25 2,0 m length

## Art. 029-1382-000

**Wall-fixing kit for anti-freeze and windscreen liquid**

Composed by:
Art.029-1374-000 Stainless steel air-operated pump **ratio=3:1 30 l/min**
Art.025-1265-000 Wall-fixing bracket
Art.025-1269-094 Ø 42mm stainless steel suction tube 940 mm length
Art.025-1262-000 Threaded ring Ø 42 mm for pumps fastening
Art.911-0600-020 Flex blue hose Ø 25 2,0 m length

| | Kg | m³ | № |
|---|---|---|---|
| **029-1380-000** | 11,700 | 0,310 | 1 |
| **029-1382-000** | 14,800 | 0,310 | 1 |









**029-1380-000**

## Art. 029-1384-000

**Kit for anti-freeze liquid for drums of 180-220 l**

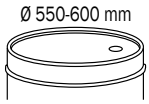
Composed by:
Art.029-0985-000 Stainless steel air-operated pump **ratio=1:1 35 l/min**
Art.902-0404-030 R6 1/2" M-F hose 3,0 m length
Art.024-1237-A00 Anti-freeze liquid **digital** dispensing nozzle

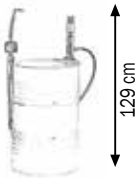
## Art. 029-1383-000

**Kit for anti-freeze liquid for drums of 180-220 l**

Composed like Art.029-1384-000 but with:
Art.024-1237-000 Anti-freeze liquid dispensing nozzle

| | Kg | m³ | № |
|---|---|---|---|
| **029-1384-000** | 10,200 | 0,040 | 2 |
| **029-1383-000** | 9,600 | 0,040 | 2 |






**029-1384-000**

## Art. 029-1386-000

**Kit for windscreen liquid for drums of 180-220 l**

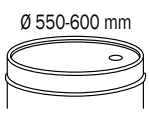
Composed by:
Art.029-0985-000 Stainless steel air-operated pump **ratio=1:1 35 l/min**
Art.902-0404-030 R6 1/2" M-F hose 3,0 m length
Art.024-1237-W00 Windscreen liquid **digital** dispensing nozzle

## Art. 029-1385-000

**Kit for windscreen liquid for drums of 180-220 l**

Composed like Art.029-1386-000 but with:
Art.024-1237-V00 Windscreen liquid dispensing nozzle

| | Kg | m³ | № |
|---|---|---|---|
| **029-1386-000** | 9,300 | 0,040 | 2 |
| **029-1385-000** | 8,600 | 0,040 | 2 |









**029-1386-000**

# WHEELED KITS FOR ANTI-FREEZE AND WINDSCREEN LIQUID



029-1388-000

## Art. 029-1388-000

**Wheeled kit for anti-freeze liquid for drums of 180-220 l**

Composed by:

Art.029-0985-000 **Stainless steel** air-operated pump **ratio=1:1 35 l/min**

Art.902-0404-030 R6 1/2" M-F hose 3,0 m length

Art.024-1237-A00 Anti-freeze liquid **digital** dispensing nozzle

Art.030-1400-000 Trolley for 180-220 l drums

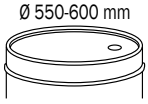
## Art. 029-1387-000

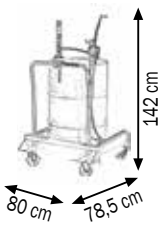
**Wheeled kit for anti-freeze liquid for drums of 180-220 l**

Composed like Art.029-1388-000 but with:

Art.024-1237-000 Anti-freeze liquid dispensing nozzle

| | Kg | m³ | № |
|---|---|---|---|
| **029-1388-000** | 47,200 | 0,186 | 2 |
| **029-1387-000** | 46,600 | 0,186 | 2 |






029-1389-000

## Art. 029-1390-000

**Wheeled kit for windscreen liquid for drums of 180-220 l**

Composed by:

Art.029-0985-000 **Stainless steel** air-operated pump **ratio=1:1 35 l/min**

Art.902-0404-030 R6 1/2" M-F hose 3,0 m length

Art.024-1237-W00 Windscreen liquid **digital** dispensing nozzle

Art.030-1400-000 Trolley for 180-220 l drums

## Art. 029-1389-000

**Wheeled kit for windscreen liquid for drums of 180-220 l**

Composed like Art.029-1390-000 but with:

Art.024-1237-V00 Windscreen liquid dispensing nozzle

| | Kg | m³ | № |
|---|---|---|---|
| **029-1390-000** | 46,300 | 0,186 | 2 |
| **029-1389-000** | 45,600 | 0,186 | 2 |






## Art. 029-1410-000

**Anti-freeze liquid kit for IBC tank 1000 l**

Composed by:

Art.029-0986-000 **Stainless steel** air-operated pump **ratio=1:1 35 l/min**
Art.014-1048-000 Regulator with filter and air lubricator 1/4”
Art.902-0202-020 R6 5/16” M-F hose 2,0 m length
Art.909-0424-010 EPDM 1/2” hose F-F 1/2” s-steel 1,0 m lenght
Art.070-1209-410 Fixed EPDM hose reel 1/2” 10,0 m length
Art.024-1237-A00 Anti-freeze liquid **digital** dispensing nozzle
Art.024-1785-000 Support for picking up drops for oil nozzle
Art.025-1267-000 Fixing tank bracket
Art.025-1267-B00 Fixing bracket for picking up drops



**029-1410-000**

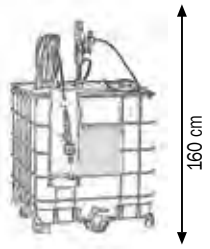
The tank is not included in the kit

## Art. 029-1412-000

**Anti-freeze liquid kit for IBC tank 1000 l**

Composed by Art.029-1410-000 but with:

Art.024-1237-000 Anti-freeze liquid dispensing nozzle




| | Kg | m³ | № |
|---|---|---|---|
| **029-1410-000** | 43,500 | 0,120 | 4 |
| **029-1412-000** | 42,900 | 0,120 | 4 |

## Art. 029-1415-000

**Windscreen liquid kit for IBC tank 1000 l**

Composed by:

Art.029-0986-000 **Stainless steel** air-operated pump **ratio=1:1 35 l/min**
Art.014-1048-000 Regulator with filter and air lubricator 1/4”
Art.902-0202-020 R6 5/16” M-F hose 2,0 m length
Art.909-0424-010 EPDM 1/2” hose F-F 1/2” s-steel 1,0 m lenght
Art.070-1209-410 Fixed EPDM hose reel 1/2” 10,0 m length
Art.024-1237-W00 Windscreen liquid **digital** dispensing nozzle
Art.024-1785-000 Support for picking up drops for oil nozzle
Art.025-1267-000 Fixing tank bracket
Art.025-1267-B00 Fixing bracket for picking up drops



**029-1415-000**

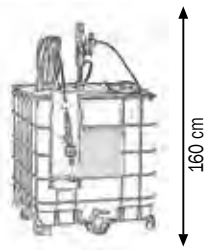
The tank is not included in the kit

## Art. 029-1416-000

**Windscreen liquid kit for IBC tank 1000 l**

Composed by Art.029-1415-000 but with:

Art.024-1237-V00 Windscreen liquid dispensing nozzle




| | Kg | m³ | № |
|---|---|---|---|
| **029-1415-000** | 43,200 | 0,120 | 4 |
| **029-1416-000** | 42,400 | 0,120 | 4 |

# AIR-OPERATED DOUBLE DIAPHRAGM PUMPS KITS FOR ANTI-FREEZE AND WINDSCREEN LIQUID



029-1500-000

## Art. 029-1500-000

**Diaphragm pump kit anti-freeze liquid for drums 200 l**

Composed by:

Art.028-P055-TB3 Diaphragm pump P55TB **R=1:1 55 l/min** with:
POM-C shank hose with threaded ring M 1/2" 940 mm l

Art.902-0404-030 R6 1/2" M-F hose 3,0 m lenght

Art.024-1237-A00 Anti-freeze **digital** dispensing nozzle

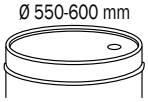
## Art. 029-1502-000

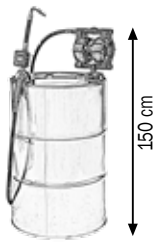
**Diaphragm pump kit anti-freeze liquid for drums 200 l**

Composed like Art.029-1500-000 but with:

Art.024-1237-000 Anti-freeze dispensing nozzle

| | Kg | m³ | № |
|---|---|---|---|
| **029-1500-000** | 8,300 | 0,043 | 2 |
| **029-1502-000** | 7,600 | 0,043 | 2 |






029-1510-000

## Art. 029-1510-000

**Diaphragm pump kit windscreen liquid for drums 200 l**

Composed by:

Art.028-P055-TB3 Diaphragm pump P55TB **R=1:1 55 l/min** with:
POM-C shank hose with threaded ring M 1/2" 940 mm l

Art.909-0404-030 EPDM 1/2" hose M-F R/stainless steel 3,0 m lenght

Art.024-1237-W00 Windscreen **digital** dispensing nozzle

## Art. 029-1512-000

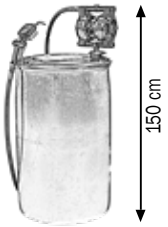
**Diaphragm pump kit windscreen liquid for drums 200 l**

Composed like Art.029-1510-000 but with:

Art.024-1237-V00 Windscreen dispensing nozzle

| | Kg | m³ | № |
|---|---|---|---|
| **029-1510-000** | 7,800 | 0,043 | 2 |
| **029-1512-000** | 7,100 | 0,043 | 2 |






029-1520-000

The tank is not included in the kit

## Art. 029-1520-000

**Diaphragm pump kit for anti-freeze, windscreen and AdBlue® liquid for IBC tanks 1000 l**

Composed by:

Art.028-P110-AB2 Diaphragm pump P110 **R=1:1 110 l/min**

Art.025-1266-001 Wall fixing bracket

Art.025-1271-125 Stainlees steel shank hose Ø42 1250 mm l flex 2,0 m lenght

Art.F94-1540-625 Stainlees steel connection fixet rubber M1" Ø25

Art.909-0500-060 EPDM hose Ø19 mm 6,0 m lenght

Art.B27-1120-032 N.2 stainless steel hose clamp 20x32 mm

Art.R1-9102-2006 Plastic fitting M 90° M 3/4" Ø20 mm

Art.099-5199-000 Manual plastic nozzle AD90

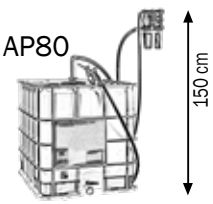
## Art. 029-1522-000

**Diaphragm pump kit for anti-freeze, windscreen and AdBlue® liquid for IBC tanks 1000 l**

Composed like Art.029-1520-000 but with:

Art.099-5205-000 Automatic nozzle stainless steel end AP80

| | Kg | m³ | № |
|---|---|---|---|
| **029-1520-000** | 18,300 | 0,060 | 3 |
| **029-1522-000** | 18,800 | 0,060 | 3 |



# BRAKE BLEEDERS - CLUTCHES

Stainless steel air-operated and electric equipment for the bleeding of brakes and hydraulic clutches of every motor vehicle. Equipped with inside follower plate which allows the complete division between air and oil, avoiding the risk of emulsion.

Art.080-1788-000 and 080-1792-000 are equipped with a third air chamber which is filled with air at max 8 bar. Using a pressure reducer it is possible to make more bleeding operation with a constant pressure (1-2 bar) without any other filling in of air and oil.
For vehicles with ABS brake system the max pressure is 1 bar.





080-1789-000

## Art. 080-1788-000

**Stainless steel brake bleeder-clutches with three chambers 6 l**

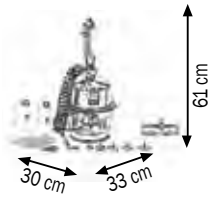
Composed by:
Oil tank capacity 6 l
4 m RILSAN spring hose
2 oil recovery basins 1 l
With hose and rubber 90° connection caps
1 filling funnel

## Art. 080-1789-000

**Stainless steel brake bleeder-clutches with three chambers 6 l**

Composed like Art.080-1788-000 but with:
standard plugs (mod. 1-4-6-9-18-25)

| | Kg | m³ | Nº |
|---|---|---|---|
| **080-1788-000** | 7,400 | 0,060 | 1 |
| **080-1789-000** | 8,000 | 0,060 | 1 |






080-1791-000

## Art. 080-1790-000

**Stainless steel brake bleeder-clutches with two chambers 10 l**

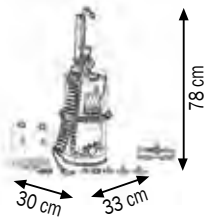
Composed by:
Oil tank capacity 6 l
4 m RILSAN spring hose
2 oil recovery basins 1 l
With hose and rubber 90° connection caps
1 filling funnel

## Art. 080-1791-000

**Stainless steel brake bleeder-clutches with two chambers 10 l**

Composed like Art.080-1790-000 but with:
standard plugs (mod. 1-4-6-9-18-25)

| | Kg | m³ | Nº |
|---|---|---|---|
| **080-1790-000** | 8,000 | 0,074 | 1 |
| **080-1791-000** | 8,600 | 0,074 | 1 |






080-1793-000

## Art. 080-1792-000

**Stainless steel brake bleeder-clutches with three chambers 10 l**

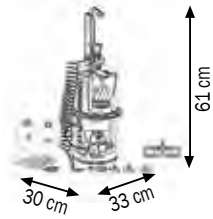
Composed by:
Oil tank capacity 6 l
4 m RILSAN spring hose
2 oil recovery basins 1 l
With hose and rubber 90° connection caps
1 filling funnel

## Art. 080-1793-000

**Stainless steel brake bleeder-clutches with three chambers 10 l**

Composed like Art.080-1792-000 but with:
standard plugs (mod. 1-4-6-9-18-25)

| | Kg | m³ | Nº |
|---|---|---|---|
| **080-1792-000** | 8,200 | 0,074 | 1 |
| **080-1793-000** | 8,800 | 0,074 | 1 |



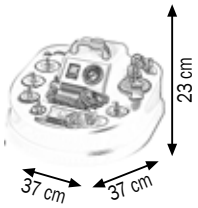
# ELECTRIC BRAKE BLEEDER

**Art. 081-1796-000**

**Electric brake bleeder 12V (0,192 kW) ABS with 5 screw plugs mod. 1 - 4 - 6 - 9 – 18 and 1 universal plug mod. 25**

Composed by:
Oil tank capacity 1,5 l
4 m RILSAN spring hose
2 oil recovery basins 1 l
With hose and rubber 90° connection caps
1 filling funnel

| | Kg | m³ | № |
|---|---|---|---|
| **081-1796-000** | 7,400 | 0,040 | 1 |






**081-1796-000**

**NEW MODEL**

**FEATURES**

**Pressure regulators with pressure gauge**
Automatic depressurisation from 1 to 3 bar
Suitable for ABS systems and clutches
of car, light and industrial vehicles
and trailers







083-1800-000



083-1801-000 083-1802-000 083-1803-000



083-1805-000 083-1806-000



083-1807-000 083-1808-000 083-1809-000



083-1810-000 083-1811-000 083-1812-000



083-1813-000 083-1814-000



083-1815-000 083-1816-000 083-1817-000



083-1818-000 083-1819-000 083-1820-000



083-1821-000 083-1822-000 083-1823-000



083-1825-000

**Art. 083-1800-000**
Standard plugs kit composed by:
5 plugs mod. 1-4-6-9-18
1 universal plug mod. 25

**Art. 083-1801-000**
Screw plug model 1 Ø 25

**Art. 083-1802-000**
Screw plug model 2 Ø 21,5

**Art. 083-1803-000**
Screw plug model 3 Ø 26,5

**Art. 083-1804-000**
Screw plug model 4 Ø 43

**Art. 083-1805-000**
Screw plug model 5 Ø 48

**Art. 083-1806-000**
Screw plug model 6 Ø 52,5

**Art. 083-1807-000**
Screw plug model 7 Ø 64

**Art. 083-1808-000**
Screw plug model 8 Ø 42

**Art. 083-1809-000**
Screw plug model 9 Ø 60

**Art. 083-1810-000**
Screw plug model 10 Ø 77

**Art. 083-1811-000**
Screw plug model 11 Ø 68,5

**Art. 083-1812-000**
Screw plug model 12 Ø 62,8

**Art. 083-1813-000**
Screw plug model 13 Ø 61,5

**Art. 083-1814-000**
Screw plug model 14 Ø 72

**Art. 083-1815-000**
Screw plug model 15 Ø 82

**Art. 083-1816-000**
Screw plug model 16 Ø 33,3

**Art. 083-1817-000**
Screw plug model 17 Ø 28,6

**Art. 083-1818-000**
Screw plug model 18 Ø 44,5

**Art. 083-1819-000**
Screw plug model 19 Ø 75,5

**Art. 083-1820-000**
Screw plug model 20 Ø 39,4

**Art. 083-1821-000**
Screw plug model 21 Ø 31,2

**Art. 083-1822-000**
Screw plug model 22 Ø 44,5

**Art. 083-1823-000**
Screw plug model 23 Ø 58,2

**Art. 083-1825-000**
Universal plug model 25 (with 1 conic pad)

It can be used on all kind of cars and trucks behind those mentioned in the plugs list.

**NOTE:** For the choice of the connection plug, please look in the table “LIST OF PLUGS FOR BRAKE BLEEDERS AND CLUTCHES”

**Art. 083-1826-000**
**Pressure plugs kit suitable for Japanese and Korean cars**
Composed by:
Universal bracket (Art.083-1826-S00)
9 plugs Art.083-1826-A/B/C/D/E/F/G/H/I00


083-1826-000

**Art. 083-1826-S00**
**Univ. adjustable bracket without plugs**


083-1826-S00

**Art. 083-1826-A00**
**Pressure plug Ø 33,7**


083-1826-A00

**Art. 083-1826-B00**
**Pressure plug Ø 35,8**


083-1826-B00

**Art. 083-1826-C00**
**Pressure plug Ø 42,2**


083-1826-C00

**Art. 083-1826-D00**
**Pressure plug Ø 42,8**


083-1826-D00

**Art. 083-1826-E00**
**Pressure plug Ø 54**


083-1826-E00

**Art. 083-1826-F00**
**Pressure plug Ø 56**


083-1826-F00

**Art. 083-1826-G00**
**Pressure plug Ø 58,8**


083-1826-G00

**Art. 083-1826-H00**
**Pressure plug Ø 65,7**


083-1826-H00

**Art. 083-1826-I00**
**Pressure plug Ø 74,2**


083-1826-I00

**Art. 083-1828-000**
**Connection hose suitable for double – tank plants**


083-1828-000

**Art. 083-1829-000**
**Connection hose for bleed clutches**
600 mm length


083-1829-000

**Art. 083-1830-000**
**Oil recovery basin 1 l**
With hose and rubber 90° connection caps

**Art. 083-1834-000**
**Filling funnel Ø 120mm**


083-1830-000


083-1834-000

**NOTE**: For the choice of the connection plug, please look in the table “LIST OF PLUGS FOR BRAKE BLEEDERS AND CLUTCHES”

# LIST OF PLUGS FOR BRAKE BLEEDER AND CLUTCHES



## SCREW PLUGS

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALFA | x | | | x | | | | | | x | | | | | | | | | | | | | | |
| AUDI | | | | x | | | | | | | | | | | | | | | | | | | | |
| AUSTIN MORRIS | x | | | x | | | | | | | | | | | | | | x | | | | | | |
| AUTOBIANCHI | | x | | | | | | x | | | | | | | | | | | | | | | | |
| BMW | | | | x | | | | | | | | | | | | | | | | | x | | | x |
| CITROËN | | | | x | x | | | | x | | | | | | | | | | | | | | | |
| CRYSLER | | | | x | | | | | | | | | | | | | | | | | | | | x |
| DAEWOO | | | | x | | | | | | | | | | | | | | | | | | | | x |
| FERRARI | | | | x | | | x | x | | | | | | | | | | | | | | | | |
| FIAT | x | x | | x | | | | x | x | | | | | | | | | | | | | | | |
| FORD | x | | | | | | | | | | | | | | | | | x | | | | | | |
| HONDA | | | | | | | | | | | | | | | | | | | | | | | | |
| HYUNDAI | | | | | | | | | | | | | | | | | | | | | | | | x |
| INNOCENTI | x | | | x | | | | | | x | | | | | | | | | | | | | | |
| ISUZU | | | | | | | | x | | | | | | | | | | | | | | | | |
| JAGUAR | x | | | x | | | | | | x | | | | | | | | | | | | | | |
| JEEP | | | | | | | | | | | | | | | | | | | | | | | | x |
| KIA | | | | x | | | | | | | | | | | | | | | | | | | | |
| LADA | | | | x | | | | x | | | | | | | | | | | | | | | | |
| LAMBORGHINI | | | | x | | | | x | | | | | | | | | | | | | | | | x |
| LANCIA | | | | x | | | | x | | | | | | | | | | | | | | | | x |
| LAND ROVER | | | | | | | | | | | | | | | | | | x | | | | | | x |
| LEXUS | | | | | | | | | | | | | | | | | | | | | | | | |
| LEYLAND | x | | | | | | | | | | | | | | | | | | | | | | | |
| MASERATI | | | | x | | | x | x | | x | | | | | | | | | | | | | | |
| MAZDA | | | | x | | | | | | | | | | | | | | | | | | | | x |
| MERCEDES | | | | x | | | | | | | | | | | | | | | | | | | | |
| MITSUBISHI | | | | | | | | | | x | | | | | | | | | x | | | | | x |
| MG | | | | | | | | | | | | | | | | | | | | | | | | x |
| NISSAN | | | | | | | | | | | | | | | | | | x | | | | | | x |
| OPEL | | | | x | | x | | | | | | | x | | | | | | | | | | | |
| PEUGEOT | | | | x | | x | | | | | x | | | | | | | | | | | | | |
| PORSCHE | | | x | x | | | | | | | | | | | | | | | | | | | | |
| RENAULT | | | | x | | | x | | x | | x | | | | | | | | | | | | | |
| ROVER | x | | | x | | | | | | x | | | | | | | | | | | | | | x |
| SAAB | | | | x | | | | | | | | | | | | | | | | | | | | |
| SEAT | | | | x | | | | x | | | | | | | | | | | | | | | | |
| SKODA | | | | x | x | | | | | | | | | | | | | x | | | | | | |
| SUBARU | | | | x | | | | | | x | | | | | | | | | x | | | | | x |
| SUZUKI | | | | x | | x | | | | | | | | | | | | | | | | | | x |
| TALBOT | | | | x | | | | | | | | | | | | | | | | | | | | |
| TOYOTA | | | | | | | | | | | | | | | | | | | | | | | | x |
| TRIUMPH | | | | | | | | | | | | | | | | | | x | | | | | | |
| VAUXHALL | x | | | | | | | | | | | | | | | | | | | | | | | |
| VOLKSWAGEN | | | x | x | | | | | | | | | | | | | | | | | | | | |
| VOLVO | | | x | | | | x | | | | | | | | | | | | x | | | | | |

## PRESSURE PLUGS

| | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| ALFA | | | | | | | | | |
| AUDI | | | | | | | | | |
| AUSTIN MORRIS | | | | | | | | | |
| AUTOBIANCHI | | | | | | | | | |
| BMW | | | | | | | | | |
| CITROËN | | | | | | | | | |
| CRYSLER | | | | | | | | | |
| DAEWOO | | | | | | | | | |
| FERRARI | | | | | | | | | |
| FIAT | | | | | | | | | |
| FORD | | | | | | | | | |
| HONDA | | | | | x | | | x | |
| HYUNDAI | | x | | | | | | | |
| INNOCENTI | | | | | | | | | |
| ISUZU | | | | | | | | | |
| JAGUAR | | | | | | | | | |
| JEEP | | | | | | | | | |
| KIA | x | | | | | | x | | |
| LADA | | | | | | | | | |
| LAMBORGHINI | | | | | | | | | |
| LANCIA | | | | | | | | | |
| LAND ROVER | | | | | | | | | |
| LEXUS | | x | | | | | | | |
| LEYLAND | | | | | | | | | |
| MASERATI | | | | | | | | | |
| MAZDA | x | | | | | | x | | |
| MERCEDES | | | | | | | | | |
| MITSUBISHI | | | | | | | | | |
| MG | | | | | | | | | |
| NISSAN | | | | | | | | | |
| OPEL | | | | x | | | | | |
| PEUGEOT | | | | | | | | | |
| PORSCHE | | | | | | | | | |
| RENAULT | | | | | | | | | |
| ROVER | | | | | | | | x | |
| SAAB | | | | | | | | | |
| SEAT | | | | | | | | | |
| SKODA | | | | | | | | | |
| SUBARU | | | | | | | | | |
| SUZUKI | | | | | | x | | | |
| TALBOT | | | | | | | | | |
| TOYOTA | | x | x | | | | | | |
| TRIUMPH | | | | | | | | | |
| VAUXHALL | | | | | | | | | |
| VOLKSWAGEN | | | | | | | | | |
| VOLVO | | | | | | | | | |

## SCREW PLUGS

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTRA | | | | | | | | x | | | | | | | | | | | | | | | | |
| BEDFORD | x | | | | | | x | | | x | | | | | | | | | | | | | | |
| DAF | | | | x | | | | | | | | | | | | | | | | | | | | |
| EBRO | | | | | x | | | | x | | | | | | | | | | | | | | | |
| FIAT | x | x | | x | | x | | x | x | | | x | | x | | | | | | x | | | | |
| FORD | | | | x | | | x | | | | | | | | x | | | | | | | | | |
| IVECO | | | | x | | | | x | | x | | | | | | | | | | | | | | |
| MAN | | x | | x | | | | | | | | | | | | | | | | | | | | |
| MERCEDES | | | | x | | | | | | | | | | | | | | | | | | | | |
| PEGASO | | | | | | x | | | | | | | | | | | | | | | | | | |
| RENAULT | | | | x | | x | | | x | | | | | | | | | | | | | x | x | |
| SCANIA | | | | x | | | x | | | | | | | | | | | | | | | | | |
| UNIC | | | | | | x | | x | x | | | | | x | | | | | | | | | | |
| VOLVO | | | | x | | | | | | | | | | | | x | | | | | | | | |



TRUCKS BRAND
SCREWS PLUGS



They are necessary
for the bleeding of brakes
of HYDRAULIC CLUTCHES OF TRACTORS



Air-operated double diaphragm pumps have long been recognized as the most flexible pumps of the industry for handling difficult liquids at relatively low pressures and flows.
The range of applications is virtually limitless. Meclube AODD pumps come in many sizes and choices of materials of construction. Almost every type of liquid can be pumped from highly corrosive acids through high viscosity paints and adhesives, to food and drink products.



Special air system: lube-free, anti-stall, anti-freeze.
Efficient air distribution design: low air consumption.
Handled liquids with solids particles: ideal for abrasive and viscous fluids.
All plastic air system: strong and corrosion-resistant in harsh environments.
Efficient performance: high flow rates through optimal casing designs.
They can be customized for specific applications:
Multiple porting options available along with interface options.
All bolted Construction: it provides maximum leak resistance and safety.
Variable flow and head pressures, easy to adjust, without sophisticated controls. Wide range of sizes and materials suited to variety of conditions and chemicals fluids. Safely “dead head” function, against closed discharge, without pump damage.
Self-priming dry up to 6 meters: works in suction lift applications.
100% wet tested after final assembly: deadheading, priming, and sealing.



### 1. Suction Cycle

Compressed air fills right inner chamber, causing the opposing diaphragm to create suction, lifting the lower valve ball, pulling in fluid at inlet. Simultaneously, the right chamber is in “Discharge” cycle.



### 2. Discharge Cycle

Compressed air fills left inner chamber, causing upper valve ball to open and discharge fluid. Simultaneously, the right chamber is in “Suction” cycle.

# AIR-OPERATED DOUBLE DIAPHRAGM PUMPS INDEX




Air-operated double diaphragm pumps
made of **POLYPROPYLENE**
Flow rate from 7 l/min to 700 l/min
Connection from **1/4" to 2"**

page 183



Air-operated double diaphragm pumps
made of **ALUMINIUM**
Flow rate from 35 l/min to 1050 l/min
Connection from **1/2" to 3"**

page 192



Air-operated double diaphragm pumps
made of **STAINLESS STEEL AISI 316**
Flow rate from 20 l/min to 700 l/min
Connection from **3/8" to 2"**

page 200



Air-operated double diaphragm pumps "**FOOD**"
made of **ELECTRO-POLISHED**
**STAINLESS STEEL AISI 316**
Flow rate from 20 l/min to 700 l/min
Connection from **3/4" to 2.1/2" Tri-Clamp**

page 208



Air-operated double diaphragm pumps
**"DRUM-MEC"**
made of **POLYPROPYLENE AND ALUMINIUM**
Flow rate from 55 l/min to 110 l/min
Connection from **1/2" to 3/4"**

page 216



Air-operated double diaphragm pumps
**"TWIN-MEC"**
made of **ALUMINIUM**
Flow-rate from 55 l/min to 110 l/min
Connection from **1/2" to 3/4"**

page 218



Components for compressed air
- **Pressure regulators**
- **Pressure regulators with filter**
- **Compressed air lubricator**
- **Pressure regulators with lubricating filter**

page 219



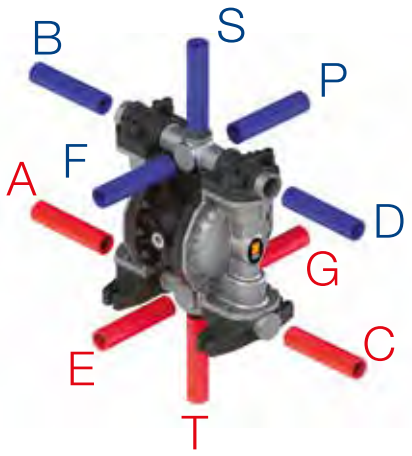
Pneumatic automatic pulsation dampers
realized in **POLYPROPYLENE PVDF,**
**POMc, STAINLESS STEEL AISI 316**
Flow-rate from 35 l/min to 1000 l/min
Connection from **3/4" to 2"**

page 220



Accessories for air-operated double diaphragm pumps
- **Wall fixing bracket**
- **Stainless steel trolley**
- **Flange connection kit**
- **Suction hoses kit**
- **Chemical compatibility table**

page 222




To select the right MECLUBE pump for your application, the following factors should be considered to achieve economy of operation, long pump life, and minimal maintenance costs:

- The nature of the fluid to be pumped, its viscosity, and the contained solids content
- Pumping capacity in relation to the desired output
- Suction and pressure conditions

Considering these parameters, an optimal pump size is selected when the intersection of the intended installation “pressure vs. flow rate” is near the middle section of the curves.

## Feasible Connection

Standard = A B
Inlet = A-E-T-C-G
Outlet = B-S-D-F-P

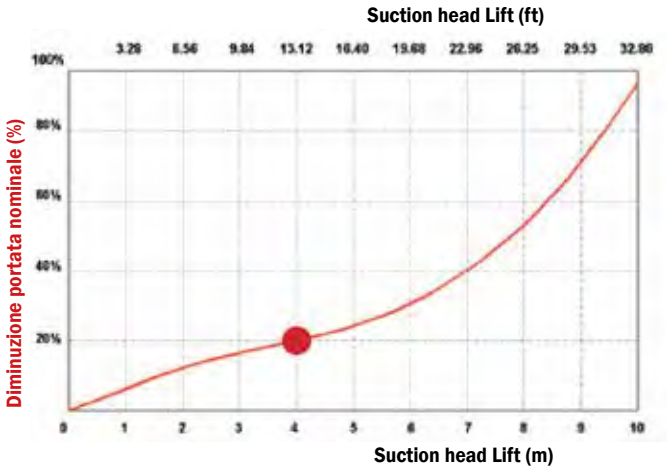
| CORPO | MEMBRANE | SFERE | SEDE SFERA | GUARNIZIONI | CONNESSIONI | ATEX | PORTE |
|---|---|---|---|---|---|---|---|
| POLIPROPILENE | HYTREL+PTFE | PTFE | PP | EPDM | BSP | ZONE2 | A B= STANDARD |
| PVDF | SANTOPRENE+PTFE | SS | PVDF | VITON | FLANGED | ZONE1 | |
| ALLUMINIO | HYTREL | EPDM | ALU | NBR | NPT | | |
| ACCIAIO INOX | SANTOPRENE-EPDM NBR | NBR | SS-PE-UHMWE | PTFE | | | |

# Using Performance Curves




To determine compressed air requirements and proper size for a MECLUBE AODD pump, two elements of information are required:
1 Required Flow Rate
2 Total Delivery Head
As an example, consider a P170 pump performance curve, pumping about 135 l/min at 25m.
Point A on the performance curve is where the desired Flow Rate and Total Delivery Head points intersect. This point determines compressed air requirements for the particular pump.
At performance point A, the pump will require approximately 7 bar air inlet pressure.
To arrive at this figure, follow the solid blue curve to the left to read the air pressure rating in BAR.
By looking at the nearest green curve, it is determined the pump will require approximately 900 nl/min (Normal Liter per minute) of air consumption.

## Specified Suction Lift




With a suction lift of 4 m, pump rate decreases by approximately 20%. Valid for pumps 3/4” and larger; data varies according to the pump configuration.

## Viscous Liquids Performance Data




During the delivery of a fluid with a viscosity of 6000cPs, the pump rate decreases to 60% of its rated value (100% = water). Valid for 3/4” pumps & larger.

Technical data are approximate and not binding for the manufacturer who reserves the right to change them without notice at any time.

# Meclube Model P7

Made of POLYPROPYLENE

Compression ratio: 1:1

Max flow-rate: 7 l/min

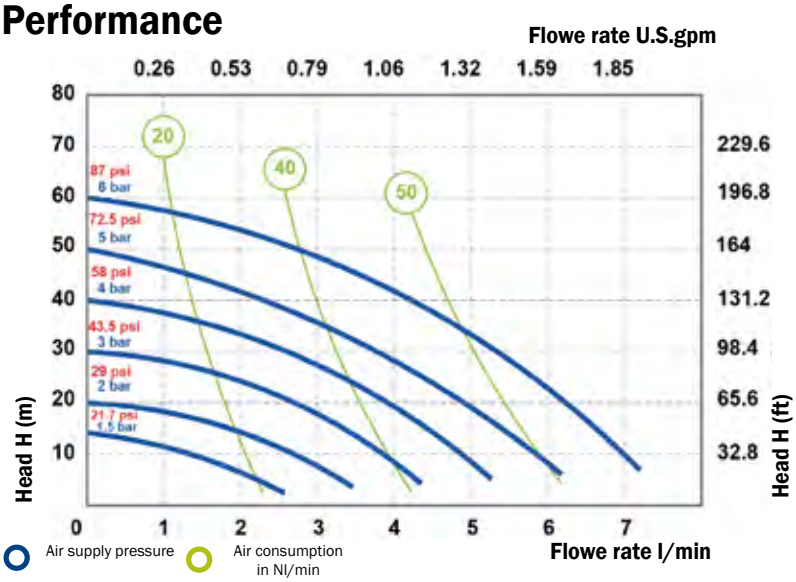
Fluid connections: 1/4” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P007-AB1** | POLYPROPYLENE | NBR+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P007-AB2** | POLYPROPYLENE | NBR+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-P007-AB3** | POLYPROPYLENE | NBR+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |

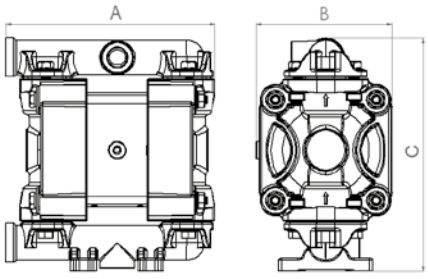
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1/4” BSP** |
| Air connection: | **4 mm** |
| Max flow-rate: | **7 l/min** |
| Max air pressure: | **6 bar** |
| Max delivery head: | **60 m** |
| Max Suction Lift Dry: | **3,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **2 mm** |
| Noise level: | **62 dB** |
| Displacement per cycle: | **18 cm³** |
| Max Viscosity: | **5000 cps** |




## Dimensions

| P7 | |
|---|---|
| A (mm) | 129 |
| B (mm) | 68 |
| C (mm) | 112 |
| Gross weight kg | 0,91 |
| MAX Temperature | -4°C + 65°C |



# Meclube Model P20

Made of POLYPROPYLENE

Compression ratio: 1:1
Max flow-rate: 20 l/min
Fluid connections: 3/8” BSP

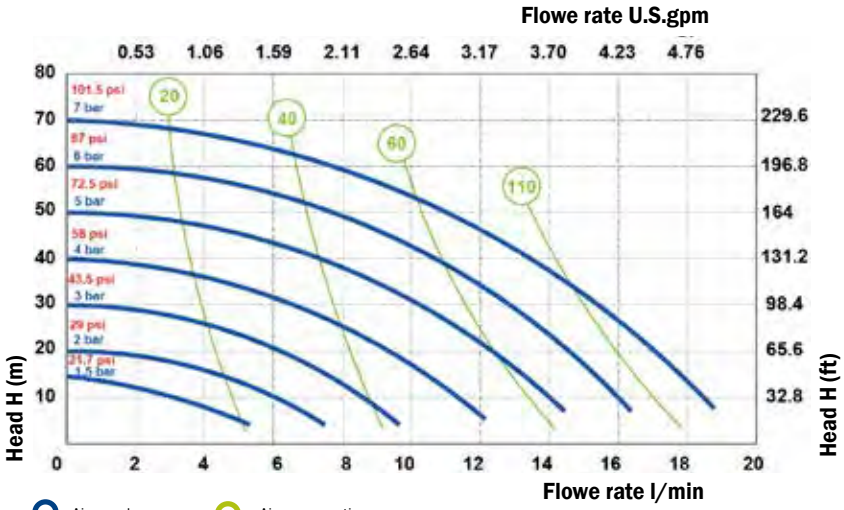
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P020-AB1** | POLYPROPYLENE | HYTREL+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P020-AB2** | POLYPROPYLENE | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-P020-AB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |

## Technical data

| | |
|---|---|
| Fluid connections: | **3/8” BSP** |
| Air connection: | **6 mm** |
| Max flow-rate: | **20 l/min** |
| Max air pressure: | **7 bar** |
| Max delivery head: | **70 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **2,5 mm** |
| Noise level: | **65 dB** |
| Displacement per cycle: | **30 cm³** |
| Max Viscosity: | **10000 cps** |

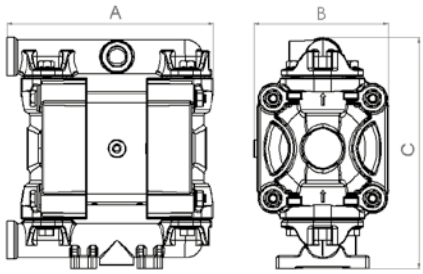
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| P20 | |
|---|---|
| A (mm) | 146 |
| B (mm) | 96 |
| C (mm) | 167 |
| Gross weight kg | 1,43 |
| MAX Temperature | -4°C + 65°C |



# Meclube Model P35

Made of POLYPROPYLENE

Compression ratio: 1:1

Max flow-rate: 35 l/min

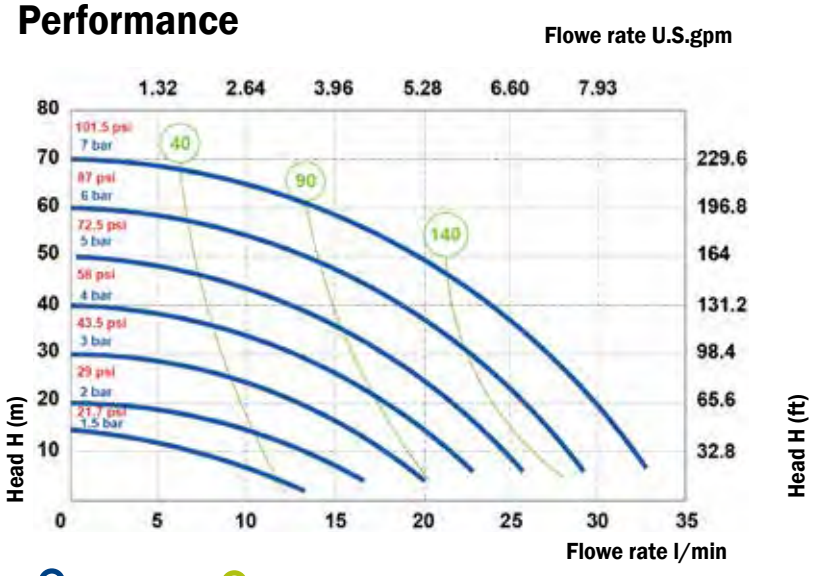
Fluid connections: 1/2” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P035-AB1** | POLYPROPYLENE | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P035-AB2** | POLYPROPYLENE | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-P035-AB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-P035-AB4** | POLYPROPYLENE | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

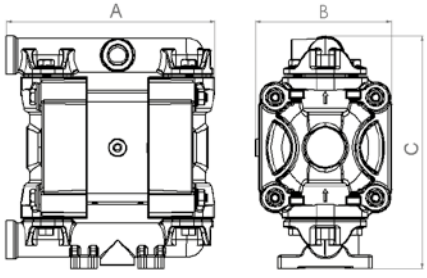
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1/2” BSP** |
| Air connection: | **6 mm** |
| Max flow-rate: | **35 l/min** |
| Max air pressure: | **7 bar** |
| Max delivery head: | **70 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **3 mm** |
| Noise level: | **65 dB** |
| Displacement per cycle: | **65 cm³** |
| Max Viscosity: | **15000 cps** |




## Dimensions

| P35 | |
|---|---|
| A (mm) | 177 |
| B (mm) | 105 |
| C (mm) | 185 |
| Gross weight kg | 2,14 |
| MAX Temperature | -4°C + 65°C |



# Meclube Model P55

Made of POLYPROPYLENE

Compression ratio: 1:1

Max flow-rate: 55 l/min

Fluid connections: 1/2” BSP

EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P055-AB1** | POLYPROPYLENE | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P055-AB2** | POLYPROPYLENE | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-P055-AB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-P055-AB4** | POLIPROPILENE | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **1/2” BSP** |
| Air connection: | **1/4” BSP** |
| Max flow-rate: | **55 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **3,5 mm** |
| Noise level: | **70 dB** |
| Displacement per cycle: | **140 cm³** |
| Max Viscosity: | **20000 cps** |

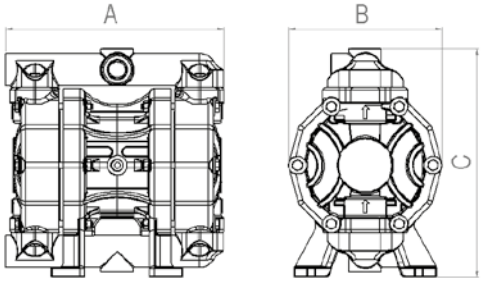
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| P55 | |
|---|---|
| A (mm) | 238 |
| B (mm) | 156 |
| C (mm) | 249 |
| Gross weight kg | 4,15 |
| MAX Temperature | -4°C + 65°C |



# Meclube Model P110

Made of POLYPROPYLENE

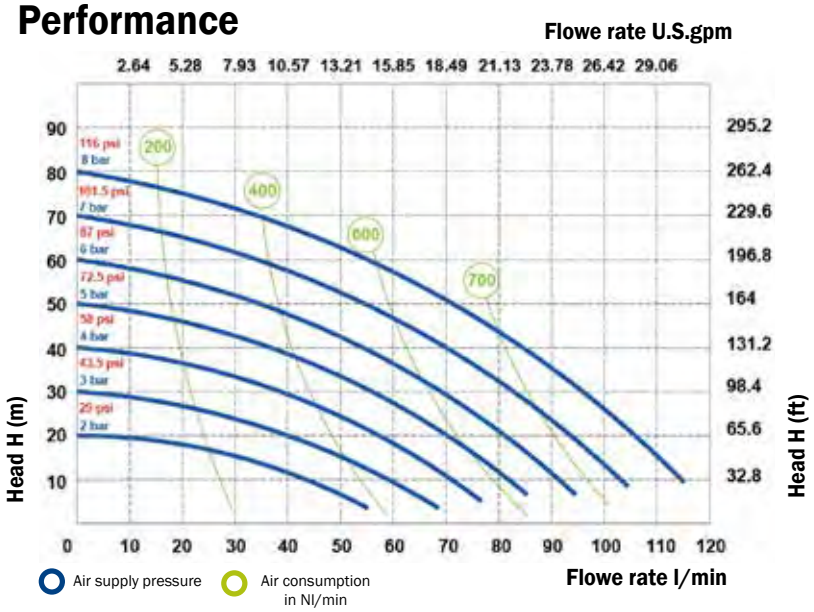
| | |
|---|---|
| Compression ratio: | 1:1 |
| Max flow-rate: | 110 l/min |
| Fluid connections: | 3/4” BSP |



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P110-AB1** | POLYPROPYLENE | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P110-AB2** | POLYPROPYLENE | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-P110-AB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-P110-AB4** | POLYPROPYLENE | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

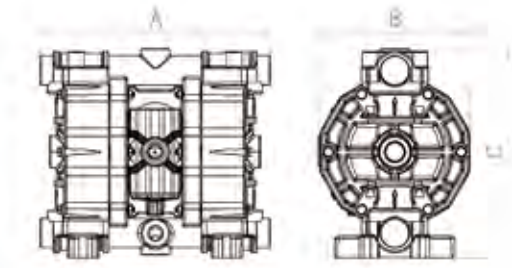
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **3/4” BSP** |
| Air connection: | **3/8” BSP** |
| Max flow-rate: | **110 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **4 mm** |
| Noise level: | **72 dB** |
| Displacement per cycle: | **200 cm³** |
| Max Viscosity: | **25000 cps** |




## Dimensions

| P110 | |
|---|---|
| A (mm) | 293 |
| B (mm) | 176 |
| C (mm) | 280 |
| Gross weight kg | 5,10 |
| MAX Temperature | -4°C + 65°C |



# Meclube Model P170

Made of POLYPROPYLENE

Compression ratio: 1:1

Max flow-rate: 170 l/min

Fluid connections: 1” BSP

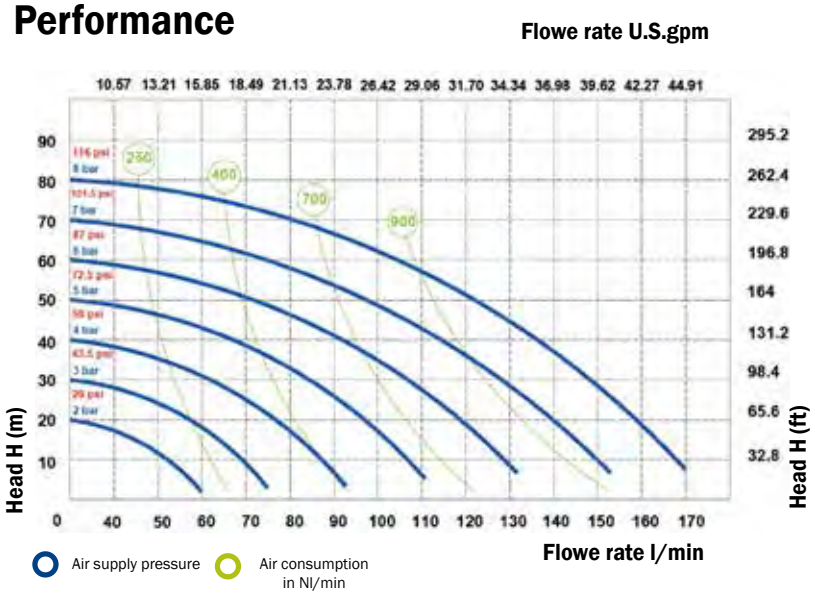
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P170-AB1** | POLYPROPYLENE | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P170-AB2** | POLYPROPYLENE | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-P170-AB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-P170-AB4** | POLIPROPILENE | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **1” BSP** |
| Air connection: | **1/2” BSP** |
| Max flow-rate: | **170 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **7,5 mm** |
| Noise level: | **75 dB** |
| Displacement per cycle: | **700 cm³** |
| Max Viscosity: | **35000 cps** |

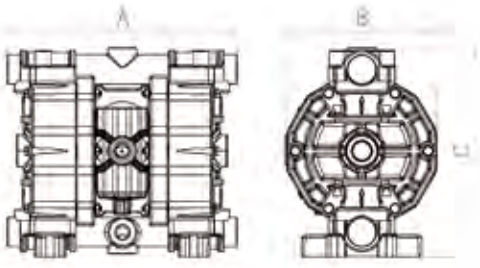
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| P170 | |
|---|---|
| A (mm) | 430 |
| B (mm) | 222 |
| C (mm) | 416 |
| Gross weight kg | 12,27 |
| MAX Temperature | -4°C + 65°C |



# Meclube Model P250

Made of POLYPROPYLENE

Compression ratio: 1:1

Max flow-rate: 250 l/min

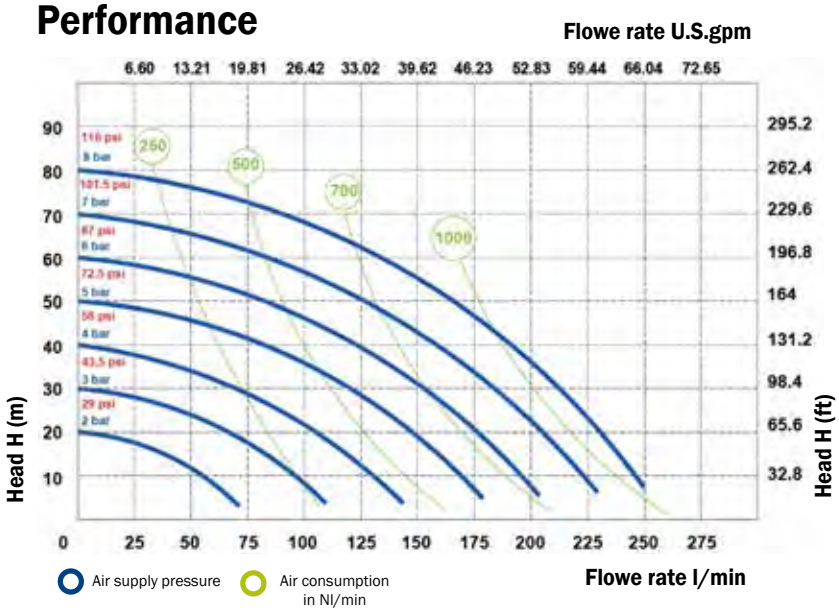
Fluid connections: 1.1/4” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P250-AB1** | POLYPROPYLENE | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P250-AB2** | POLYPROPYLENE | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-P250-AB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-P250-AB4** | POLIPROPILENE | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

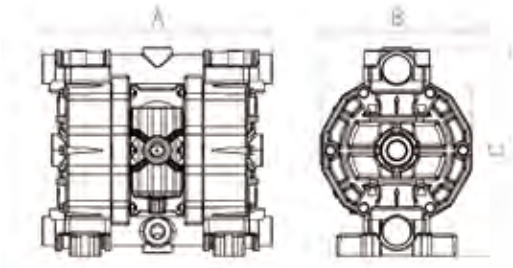
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1.1/4” BSP** |
| Air connection: | **1/2” BSP** |
| Max flow-rate: | **250 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **7,5 mm** |
| Noise level: | **75 dB** |
| Displacement per cycle: | **700 cm³** |
| Max Viscosity: | **35000 cps** |




## Dimensions

| P250 | |
|---|---|
| A (mm) | 396 |
| B (mm) | 222 |
| C (mm) | 388 |
| Gross weight kg | 12,73 |
| MAX Temperature | -4°C + 65°C |



# Meclube Model P400

Made of POLYPROPYLENE

Compression ratio: 1:1

Max flow-rate: 400 l/min

Fluid connections: 1.1/2” BSP

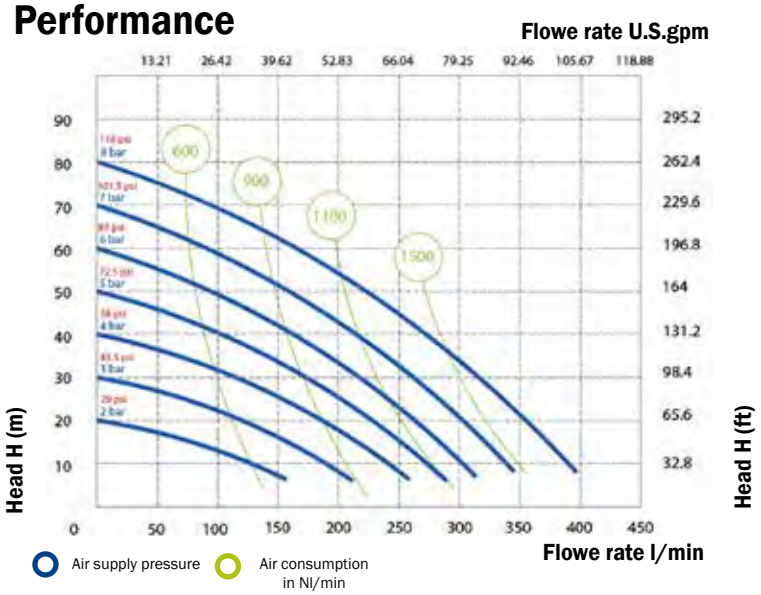
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P400-AB1** | POLYPROPYLENE | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P400-AB2** | POLYPROPYLENE | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-P400-AB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-P400-AB4** | POLIPROPILENE | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **1.1/2” BSP** |
| Air connection: | **1/2” BSP** |
| Max flow-rate: | **400 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **8 mm** |
| Noise level: | **78 dB** |
| Displacement per cycle: | **1200 cm³** |
| Max Viscosity: | **40000 cps** |

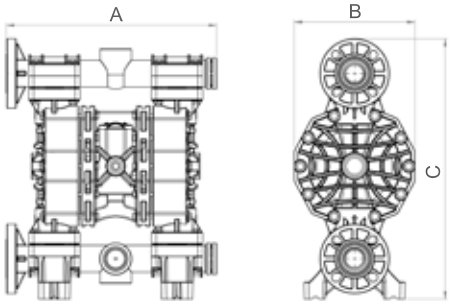
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| P400 | |
|---|---|
| A (mm) | 454 |
| B (mm) | 260 |
| C (mm) | 564 |
| Gross weight kg | 19,96 |
| MAX Temperature | -4°C + 65°C |



# Meclube Model P700

Made of POLYPROPYLENE

Compression ratio: 1:1

Max flow-rate: 700 l/min

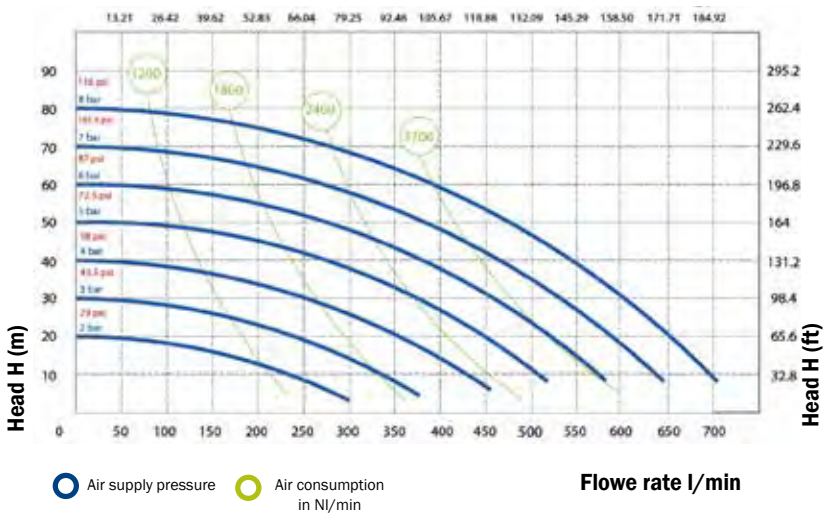
Fluid connections: 2” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P700-AB1** | POLYPROPYLENE | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P700-AB2** | POLYPROPYLENE | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-P700-AB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-P700-AB4** | POLIPROPILENE | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

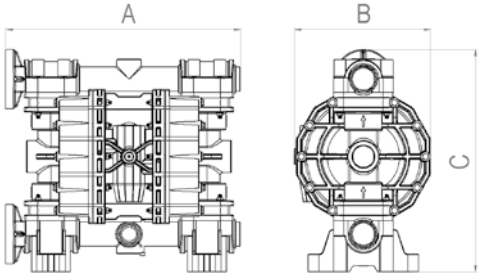
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **2” BSP** |
| Air connection: | **3/4” BSP** |
| Max flow-rate: | **700 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **8,5 mm** |
| Noise level: | **78 dB** |
| Displacement per cycle: | **3050 cm³** |
| Max Viscosity: | **50000 cps** |




## Dimensions

| P700 | |
|---|---|
| A (mm) | 595 |
| B (mm) | 345 |
| C (mm) | 570 |
| Gross weight kg | 37,53 |
| MAX Temperature | -4°C + 65°C |



# Meclube Model A35

Made of ALUMINIUM

| | |
|---|---|
| Compression ratio: | 1:1 |
| Max flow-rate: | 35 l/min |
| Fluid connections: | 1/2” BSP |

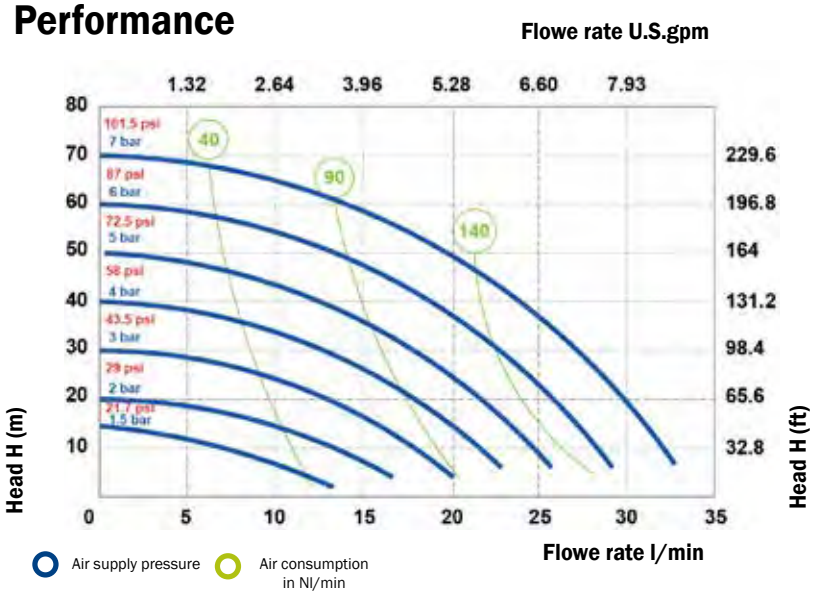
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A035-AB1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A035-AB2** | ALUMINIUM | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen |
| **028-A035-AB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-A035-AB4** | ALUMINIUM | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **1/2” BSP** |
| Air connection: | **6 mm** |
| Max flow-rate: | **35 l/min** |
| Max air pressure: | **7 bar** |
| Max delivery head: | **70 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **3 mm** |
| Noise level: | **65 dB** |
| Displacement per cycle: | **65 cm³** |
| Max Viscosity: | **15000 cps** |

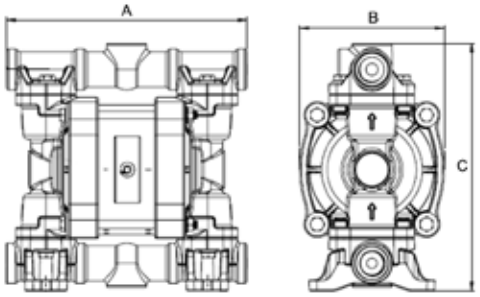
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| A35 | |
|---|---|
| A (mm) | 183 |
| B (mm) | 110 |
| C (mm) | 189 |
| Gross weight kg | 3,06 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model A55

Made of ALUMINIUM

Compression ratio: 1:1

Max flow-rate: 55 l/min

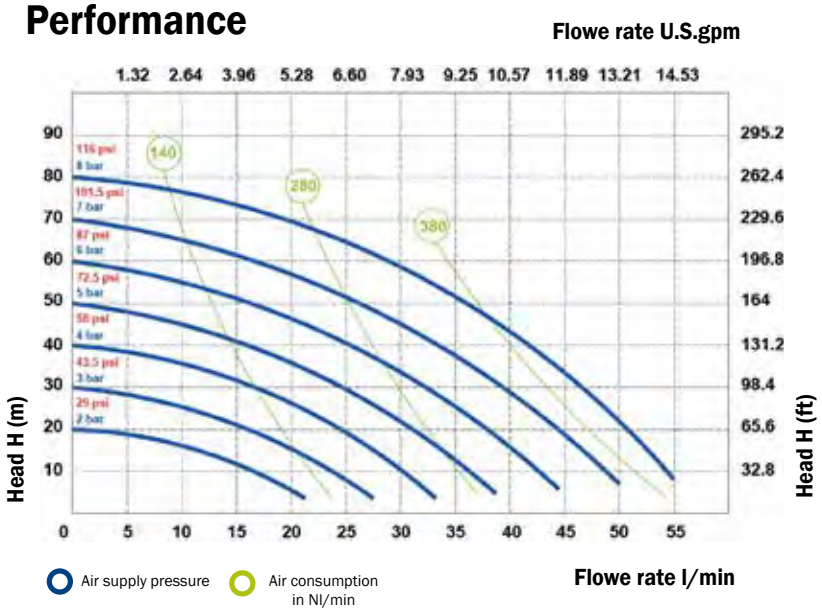
Fluid connections: 1/2” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A055-AB1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A055-AB2** | ALUMINIUM | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen |
| **028-A055-AB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-A055-AB4** | ALUMINIUM | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

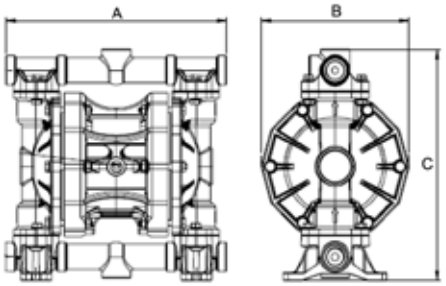
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1/2” BSP** |
| Air connection: | **1/4” BSP** |
| Max flow-rate: | **55 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **3,5 mm** |
| Noise level: | **70 dB** |
| Displacement per cycle: | **140 cm³** |
| Max Viscosity: | **20000 cps** |




## Dimensions

| A55 | |
|---|---|
| A (mm) | 234 |
| B (mm) | 156 |
| C (mm) | 245 |
| Gross weight kg | 4,61 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model A110

Made of ALUMINIUM

| | |
|---|---|
| Compression ratio: | 1:1 |
| Max flow-rate: | 110 l/min |
| Fluid connections: | 3/4” BSP |

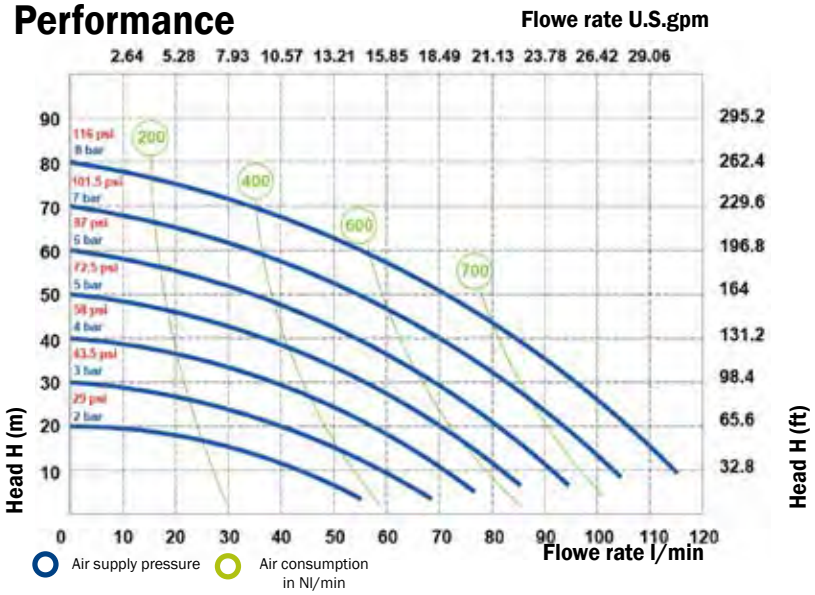
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A110-AB1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A110-AB2** | ALUMINIUM | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen |
| **028-A110-AB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-A110-AB4** | ALUMINIUM | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **3/4” BSP** |
| Air connection: | **3/8” BSP** |
| Max flow-rate: | **100 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **4 mm** |
| Noise level: | **72 dB** |
| Displacement per cycle: | **200 cm³** |
| Max Viscosity: | **25000 cps** |

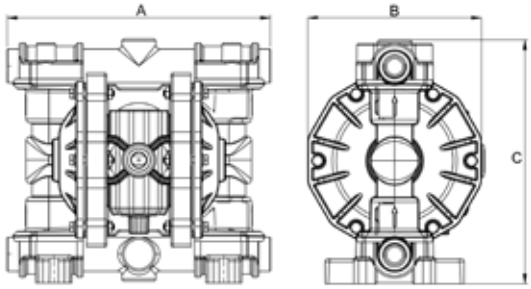
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| A110 | |
|---|---|
| A (mm) | 265 |
| B (mm) | 178 |
| C (mm) | 245 |
| Gross weight kg | 6,0 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model A170

Made of ALUMINIUM

Compression ratio: 1:1

Max flow-rate: 170 l/min

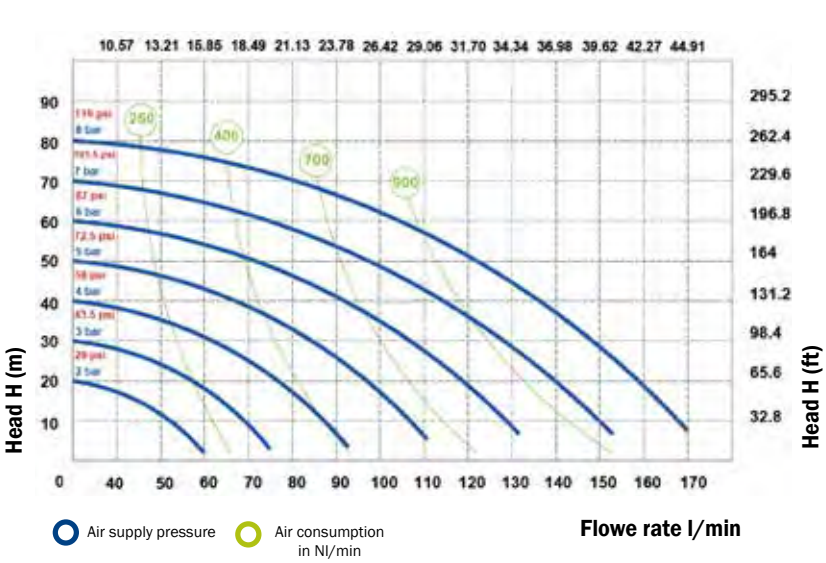
Fluid connections: 1” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A170-AB1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A170-AB2** | ALUMINIUM | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen |
| **028-A170-AB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-A170-AB4** | ALUMINIUM | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

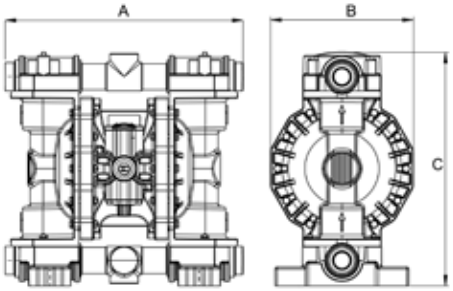
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1” BSP** |
| Air connection: | **1/2” BSP** |
| Max flow-rate: | **170 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **7,5 mm** |
| Noise level: | **75 dB** |
| Displacement per cycle: | **700 cm³** |
| Max Viscosity: | **35000 cps** |




## Dimensions

| A170 | |
|---|---|
| A (mm) | 370 |
| B (mm) | 222 |
| C (mm) | 364 |
| Gross weight kg | 18,31 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model A250

Made of ALUMINIUM

Compression ratio: 1:1

Max flow-rate: 250 l/min

Fluid connections: 1.1/4” BSP

EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A250-AB1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A250-AB2** | ALUMINIUM | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen |
| **028-A250-AB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-A250-AB4** | ALUMINIUM | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **1.1/4” BSP** |
| Air connection: | **1/2” BSP** |
| Max flow-rate: | **250 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **7,5 mm** |
| Noise level: | **75 dB** |
| Displacement per cycle: | **700 cm³** |
| Max Viscosity: | **35000 cps** |

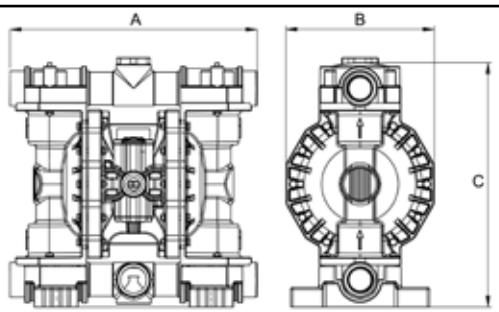
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| A250 | |
|---|---|
| A (mm) | 370 |
| B (mm) | 222 |
| C (mm) | 364 |
| Gross weight kg | 13,4 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model A400

Made of ALUMINIUM

Compression ratio: 1:1

Max flow-rate: 400 l/min

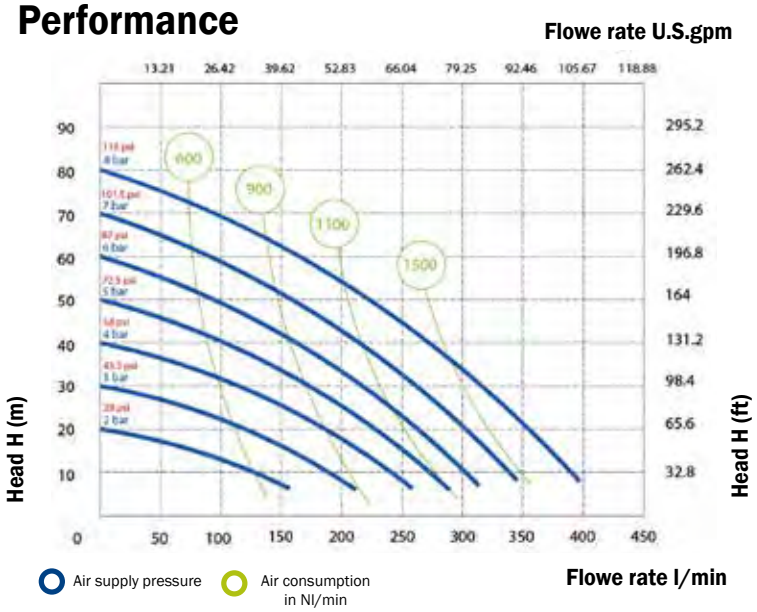
Fluid connections: 1.1/2” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A400-AB1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A400-AB2** | ALUMINIUM | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen |
| **028-A400-AB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-A400-AB4** | ALUMINIUM | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

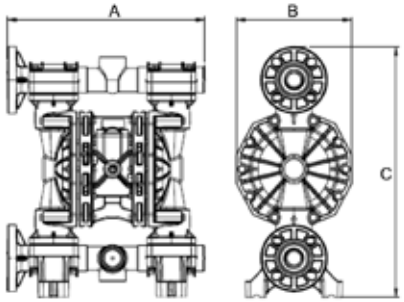
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1.1/2” BSP** |
| Air connection: | **1/2” BSP** |
| Max flow-rate: | **400 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **8 mm** |
| Noise level: | **78 dB** |
| Displacement per cycle: | **1200 cm³** |
| Max Viscosity: | **40000 cps** |




## Dimensions

| A400 | |
|---|---|
| A (mm) | 445 |
| B (mm) | 260 |
| C (mm) | 563 |
| Gross weight kg | 24,8 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model A700

Made of ALUMINIUM

| | |
|---|---|
| Compression ratio: | 1:1 |
| Max flow-rate: | 700 l/min |
| Fluid connections: | 2” BSP |

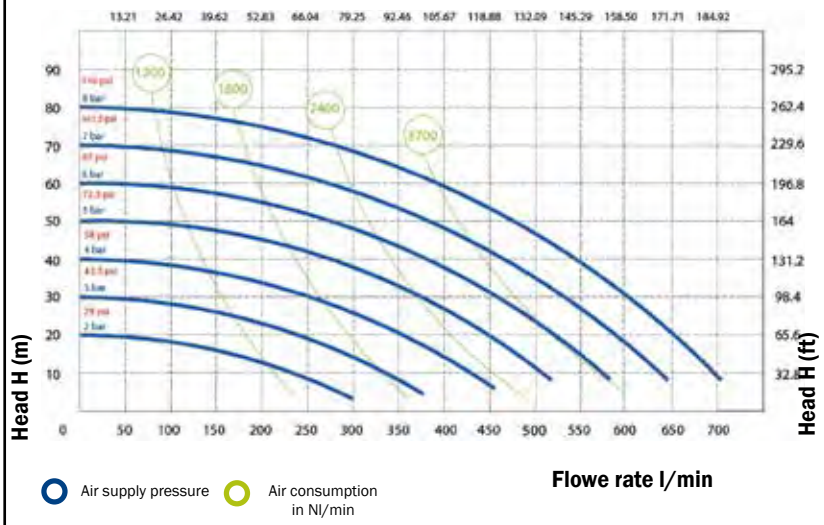
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A700-AB1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A700-AB2** | ALUMINIUM | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen |
| **028-A700-AB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-A700-AB4** | ALUMINIUM | SANTOPRENE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **2” BSP** |
| Air connection: | **3/4” BSP** |
| Max flow-rate: | **700 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **8,5 mm** |
| Noise level: | **78 dB** |
| Displacement per cycle: | **3050 cm³** |
| Max Viscosity: | **50000 cps** |

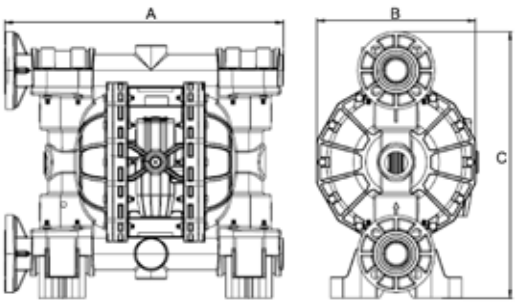
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| A700 | |
|---|---|
| A (mm) | 595 |
| B (mm) | 345 |
| C (mm) | 567 |
| Gross weight kg | 41,73 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model A1050

Made of ALUMINIUM

Compression ratio: 1:1

Max flow-rate: 1050 l/min

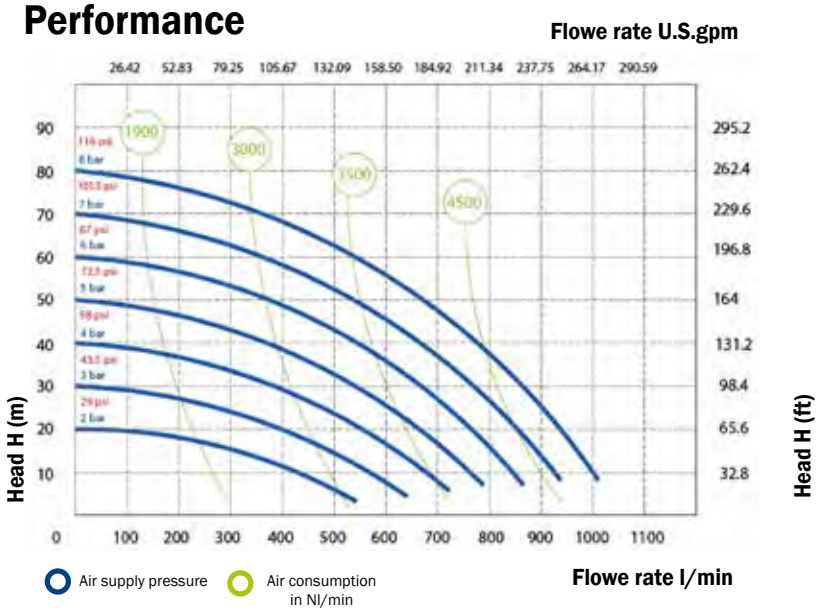
Fluid connections: 3” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A1050-AB1** | ALUMINIUM | HYTREL+PTFE | SS AISI 316 | PTFE | oil-exhausted oil-diesel fuel |
| **028-A1050-AB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | water-anti-freeze-windscreen (acids and basics) |

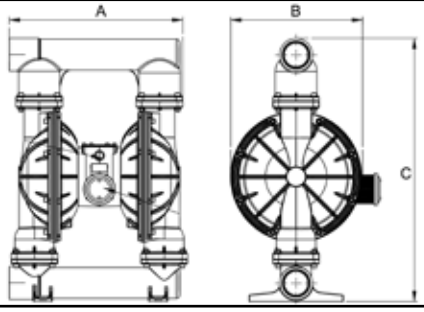
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **3” BSP** |
| Air connection: | **3/4” BSP** |
| Max flow-rate: | **1050 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **12 mm** |
| Noise level: | **82 dB** |
| Displacement per cycle: | **9750 cm³** |
| Max Viscosity: | **55000 cps** |




## Dimensions

| A1050 | |
|---|---|
| A (mm) | 570 |
| B (mm) | 420 |
| C (mm) | 838 |
| Gross weight kg | 69,6 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model SS20

Made of STAINLESS STEEL AISI 316

Compression ratio: 1:1

Max flow-rate: 20 l/min

Fluid connections: 3/8” BSP

EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-S020-AB1** | SS AISI 316 | NBR+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-S020-AB2** | SS AISI 316 | NBR+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-S020-AB3** | SS AISI 316 | NBR+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |

## Technical data

| | |
|---|---|
| Fluid connections: | **3/8” BSP** |
| Air connection: | **6 mm** |
| Max flow-rate: | **20 l/min** |
| Max air pressure: | **7 bar** |
| Max delivery head: | **70 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **2,5 mm** |
| Noise level: | **65 dB** |
| Displacement per cycle: | **30 cm³** |
| Max Viscosity: | **10000 cps** |

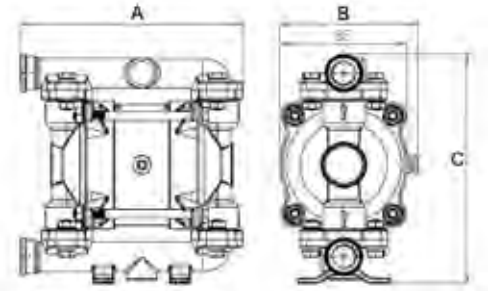
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| SS20 | |
|---|---|
| A (mm) | 148 |
| B (mm) | 92 |
| C (mm) | 152 |
| Gross weight kg | 2,49 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model SS35

Made of STAINLESS STEEL AISI 316

Compression ratio: 1:1

Max flow-rate: 35 l/min

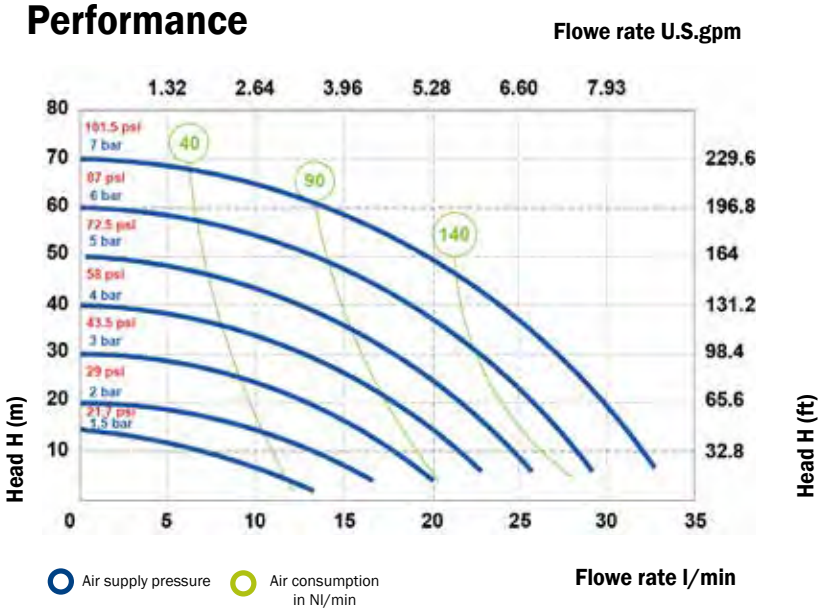
Fluid connections: 1/2” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-S035-AB1** | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-S035-AB2** | SS AISI 316 | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-S035-AB3** | SS AISI 316 | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-S035-AB4** | SS AISI 316 | HYTREL+PTFE | EPDM | EPDM | abrasive liquids - akaline/basic |

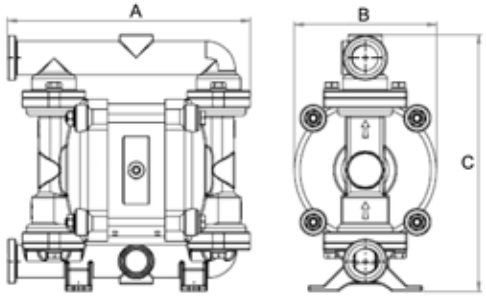
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1/2” BSP** |
| Air connection: | **6 mm** |
| Max flow-rate: | **35 l/min** |
| Max air pressure: | **7 bar** |
| Max delivery head: | **70 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **3 mm** |
| Noise level: | **65 dB** |
| Displacement per cycle: | **65 cm³** |
| Max Viscosity: | **15000 cps** |




## Dimensions

| SS35 | |
|---|---|
| A (mm) | 181 |
| B (mm) | 106 |
| C (mm) | 192 |
| Gross weight kg | 4,38 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model SS55

Made of STAINLESS STEEL AISI 316

Compression ratio: 1:1

Max flow-rate: 55 l/min

Fluid connections: 1/2" BSP

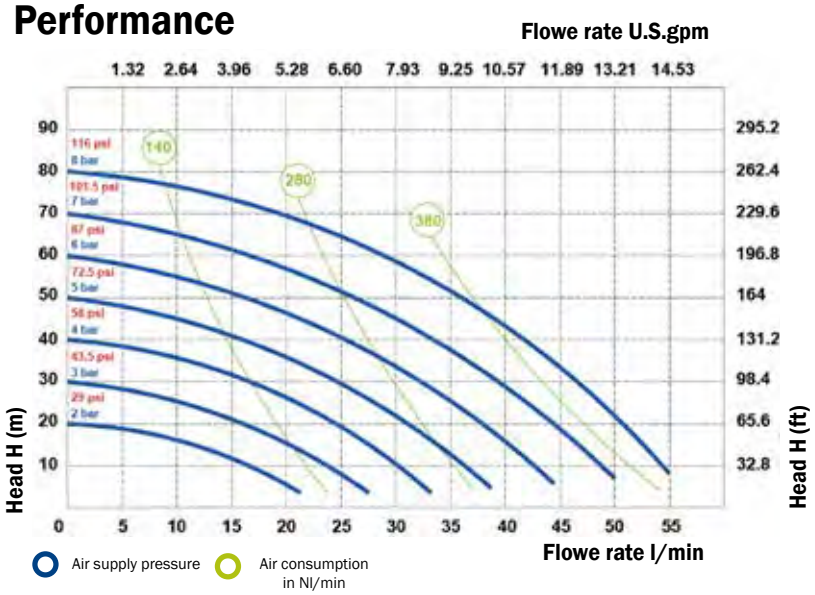
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-S055-AB1** | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-S055-AB2** | SS AISI 316 | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-S055-AB3** | SS AISI 316 | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-S055-AB4** | SS AISI 316 | HYTREL+PTFE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **1/2" BSP** |
| Air connection: | **1/4" BSP** |
| Max flow-rate: | **55 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **3,5 mm** |
| Noise level: | **70 dB** |
| Displacement per cycle: | **140 cm³** |
| Max Viscosity: | **20000 cps** |

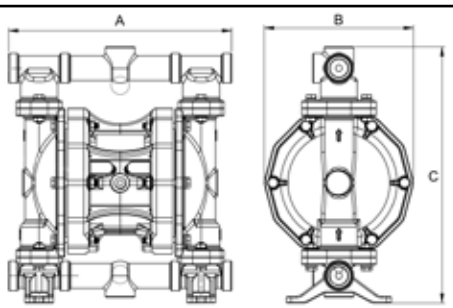
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| SS55 | |
|---|---|
| A (mm) | 234 |
| B (mm) | 156 |
| C (mm) | 268 |
| Gross weight kg | 7,63 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model SS110

Made of STAINLESS STEEL AISI 316

Compression ratio: 1:1

Max flow-rate: 110 l/min

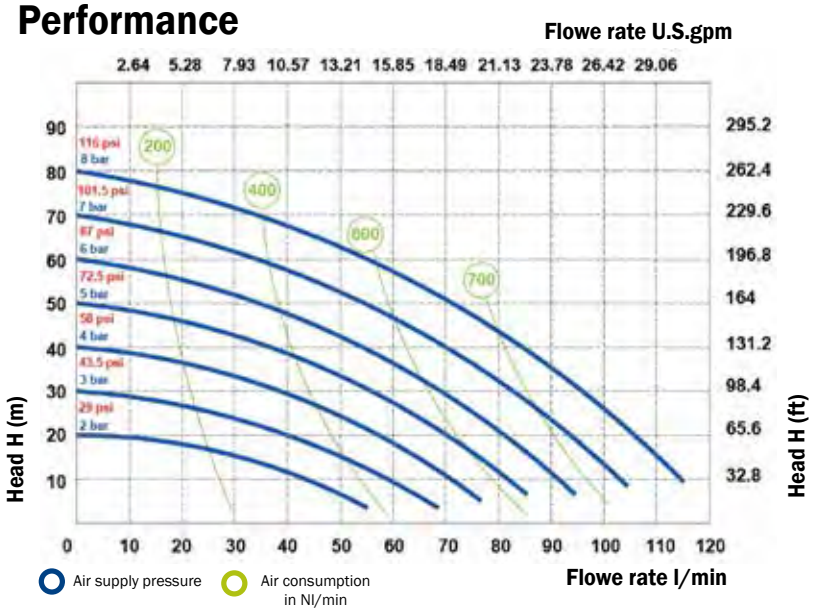
Fluid connections: 3/4” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-S110-AB1** | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-S110-AB2** | SS AISI 316 | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-S110-AB3** | SS AISI 316 | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-S110-AB4** | SS AISI 316 | HYTREL+PTFE | EPDM | EPDM | abrasive liquids - akaline/basic |

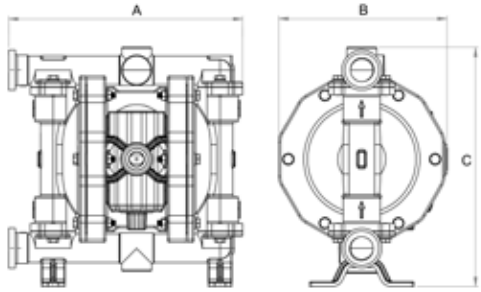
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **3/4” BSP** |
| Air connection: | **3/8” BSP** |
| Max flow-rate: | **110 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **4 mm** |
| Noise level: | **72 dB** |
| Displacement per cycle: | **200 cm³** |
| Max Viscosity: | **25000 cps** |




## Dimensions

| SS110 | |
|---|---|
| A (mm) | 247 |
| B (mm) | 178 |
| C (mm) | 251 |
| Gross weight kg | 9,2 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model SS170

Made of STAINLESS STEEL AISI 316

Compression ratio: 1:1

Max flow-rate: 170 l/min

Fluid connections: 1" BSP

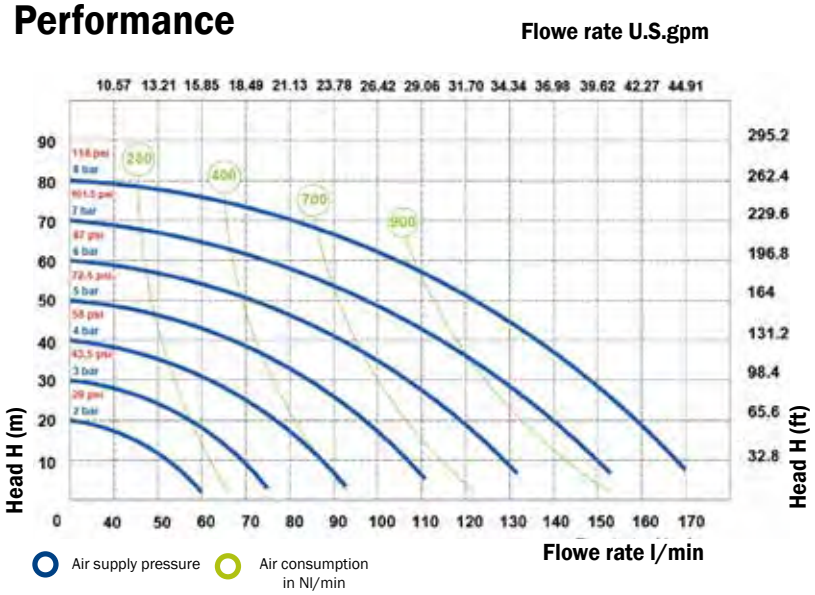
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-S170-AB1** | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-S170-AB2** | SS AISI 316 | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-S170-AB3** | SS AISI 316 | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-S170-AB4** | SS AISI 316 | HYTREL+PTFE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **1" BSP** |
| Air connection: | **1/2" BSP** |
| Max flow-rate: | **170 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **7,5 mm** |
| Noise level: | **75 dB** |
| Displacement per cycle: | **700 cm³** |
| Max Viscosity: | **35000 cps** |

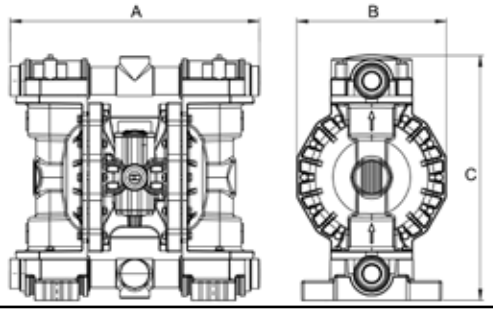
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| SS170 | |
|---|---|
| A (mm) | 357 |
| B (mm) | 222 |
| C (mm) | 371 |
| Gross weight kg | 17,88 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model SS250

Made of STAINLESS STEEL AISI 316

Compression ratio: 1:1

Max flow-rate: 250 l/min

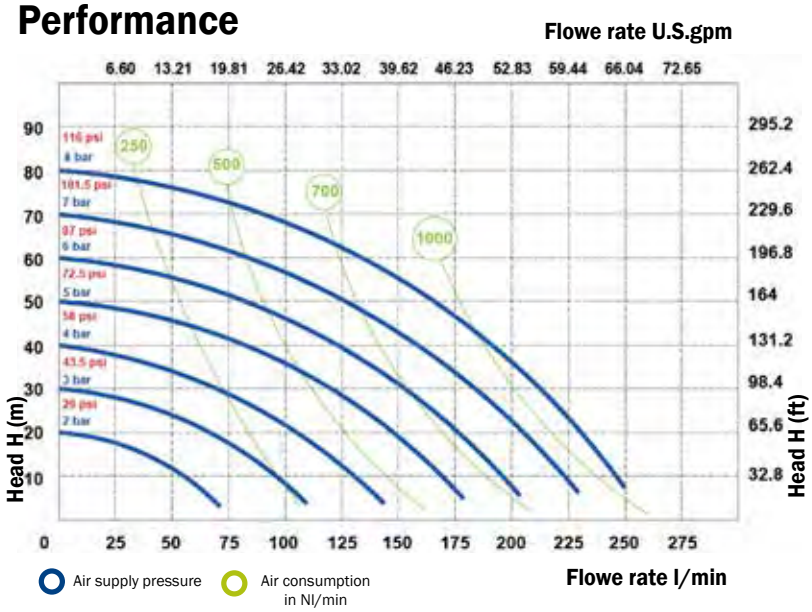
Fluid connections: 1.1/4” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-S250-AB1** | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-S250-AB2** | SS AISI 316 | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-S250-AB3** | SS AISI 316 | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-S250-AB4** | SS AISI 316 | HYTREL+PTFE | EPDM | EPDM | abrasive liquids - akaline/basic |

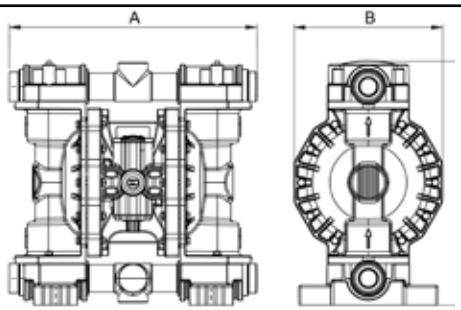
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1.1/4” BSP** |
| Air connection: | **1/2” BSP** |
| Max flow-rate: | **250 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **7,5 mm** |
| Noise level: | **75 dB** |
| Displacement per cycle: | **700 cm³** |
| Max Viscosity: | **35000 cps** |




## Dimensions

| SS250 | |
|---|---|
| A (mm) | 357 |
| B (mm) | 222 |
| C (mm) | 364 |
| Gross weight kg | 18,39 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model SS400

Made of STAINLESS STEEL AISI 316

Compression ratio: 1:1

Max flow-rate: 400 l/min

Fluid connections: 1.1/2" BSP

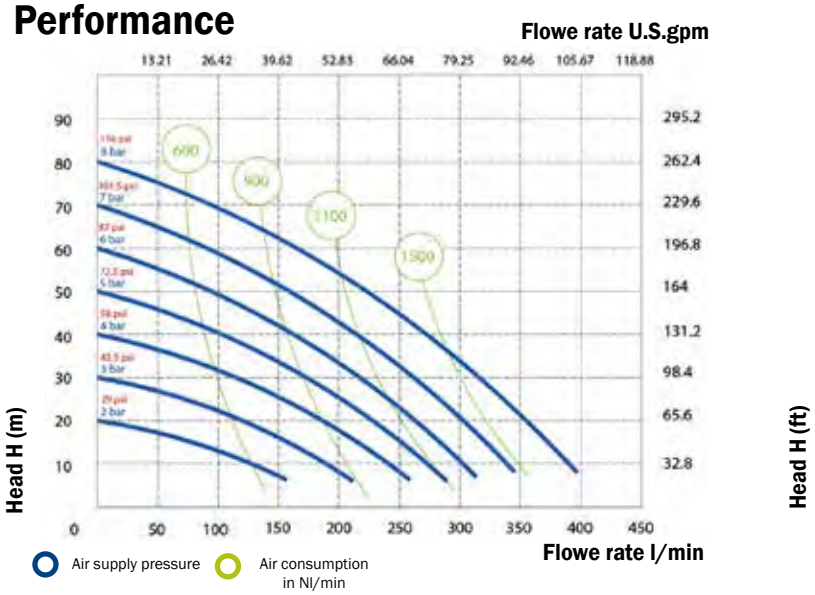
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-S400-EF1** | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-S400-EF2** | SS AISI 316 | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-S400-EF3** | SS AISI 316 | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-S400-EF4** | SS AISI 316 | HYTREL+PTFE | EPDM | EPDM | abrasive liquids - akaline/basic |

## Technical data

| | |
|---|---|
| Fluid connections: | **1.1/2" BSP** |
| Air connection: | **1/2" BSP** |
| Max flow-rate: | **400 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **8 mm** |
| Noise level: | **78 dB** |
| Displacement per cycle: | **1200 cm³** |
| Max Viscosity: | **40000 cps** |

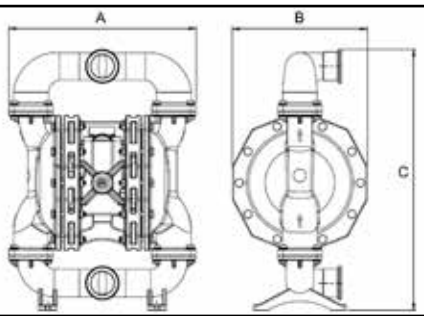
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| SS400 | |
|---|---|
| A (mm) | 361 |
| B (mm) | 260 |
| C (mm) | 502 |
| Gross weight kg | 26,3 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model SS700

Made of STAINLESS STEEL AISI 316

Compression ratio: 1:1

Max flow-rate: 700 l/min

Fluid connections: 2” BSP



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-S700-EF1** | SS AISI 316 | HYTREL+PTFE | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-S700-EF2** | SS AISI 316 | HYTREL+PTFE | PTFE | VITON | water-anti-freeze-windscreen-urea-AdBlue |
| **028-S700-EF3** | SS AISI 316 | HYTREL+PTFE | PTFE | PTFE | aggressive fluids (acids and basics) |
| **028-S700-EF4** | SS AISI 316 | HYTREL+PTFE | EPDM | EPDM | abrasive liquids - akaline/basic |

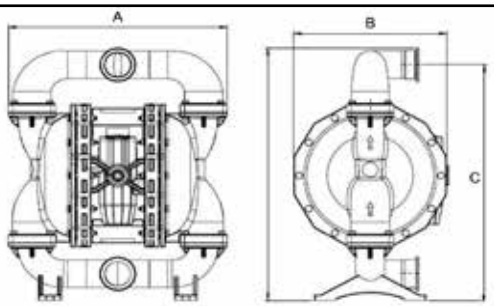
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **2” BSP** |
| Air connection: | **3/4” BSP** |
| Max flow-rate: | **700 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **8,5 mm** |
| Noise level: | **78 dB** |
| Displacement per cycle: | **3050 cm³** |
| Max Viscosity: | **50000 cps** |




## Dimensions

| SS700 | |
|---|---|
| A (mm) | 487 |
| B (mm) | 345 |
| C (mm) | 599 |
| Gross weight kg | 53,8 |
| MAX Temperature | -20°C + 95°C |

# FOOD

FDA compliant

Air-operated double diaphragm pumps

made of **ELECTRO-POLISHED** SS AISI 316
Flow-rate from 20 l/min to 700 l/min
Connection from 3/8” to 2”





EX II 3/3 GD h IIB T4 135°C ATEX zone2

# Meclube Model FOOD SS20

Made of electro-polished
SS AISI 316

Compression ratio: 1:1
Max flow-rate: 20 l/min
Fluid connections: 3/4” Tri-Clamp



FDA compliant

EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-F020-AB1** | SS AISI 316 E-P | HYTREL+PTFE | SS AISI 316 | PTFE | high viscosity food products |
| **028-F020-AB2** | SS AISI 316 E-P | HYTREL+PTFE | PTFE | PTFE | low viscosity food and drink products |

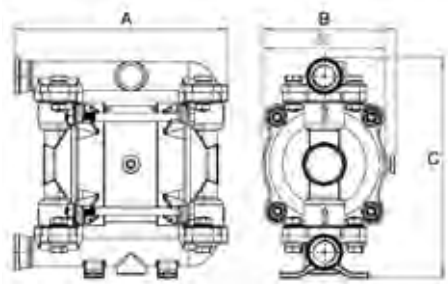
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **3/4” Tri-Clamp** |
| Air connection: | **6 mm** |
| Max flow-rate: | **20 l/min** |
| Max air pressure: | **7 bar** |
| Max delivery head: | **70 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **2,5 mm** |
| Noise level: | **65 dB** |
| Displacement per cycle: | **30 cm³** |
| Max Viscosity: | **10000 cps** |




## Dimensions

| Food SS20 | |
|---|---|
| A (mm) | 148 |
| B (mm) | 92 |
| C (mm) | 153 |
| Gross weight kg | 2,49 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model FOOD SS35

Made of electro-polished
SS AISI 316

Compression ratio: 1:1
Max flow-rate: 35 l/min
Fluid connections: 1” Tri-Clamp

FDA compliant

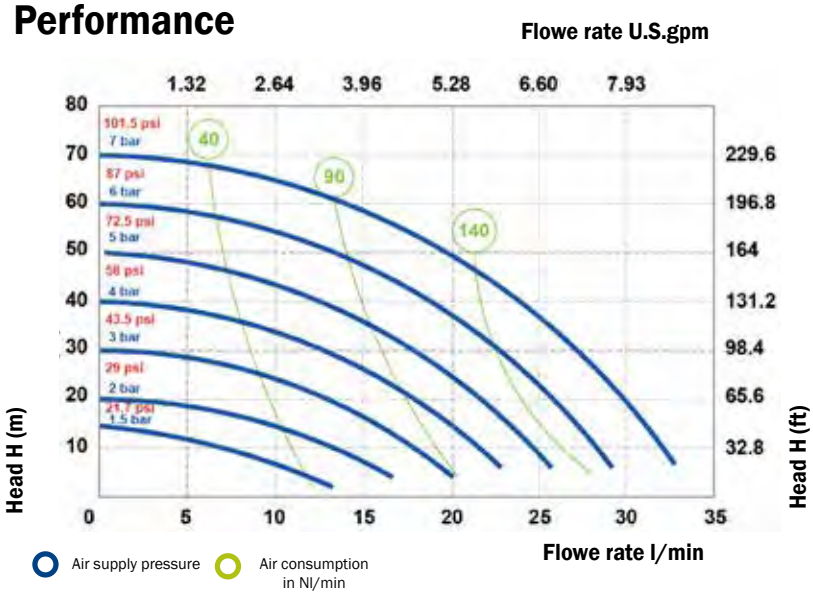
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-F035-AB1** | SS AISI 316 E-P | HYTREL+PTFE | SS AISI 316 | PTFE | high viscosity food products |
| **028-F035-AB2** | SS AISI 316 E-P | HYTREL+PTFE | PTFE | PTFE | low viscosity food and drink products |

## Technical data

| | |
|---|---|
| Fluid connections: | **1” Tri-Clamp** |
| Air connection: | **6 mm** |
| Max flow-rate: | **35 l/min** |
| Max air pressure: | **7 bar** |
| Max delivery head: | **70 m** |
| Max Suction Lift Dry: | **5 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **3 mm** |
| Noise level: | **65 dB** |
| Displacement per cycle: | **65 cm³** |
| Max Viscosity: | **15000 cps** |

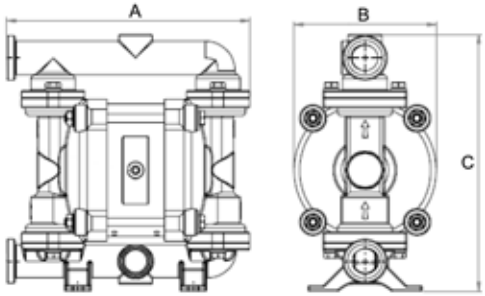
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| Food SS35 | |
|---|---|
| A (mm) | 184 |
| B (mm) | 106 |
| C (mm) | 203 |
| Gross weight kg | 4,47 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model FOOD SS65

Made of electro-polished
SS AISI 316

Compression ratio: 1:1
Max flow-rate: 65 l/min
Fluid connections: 1” Tri-Clamp

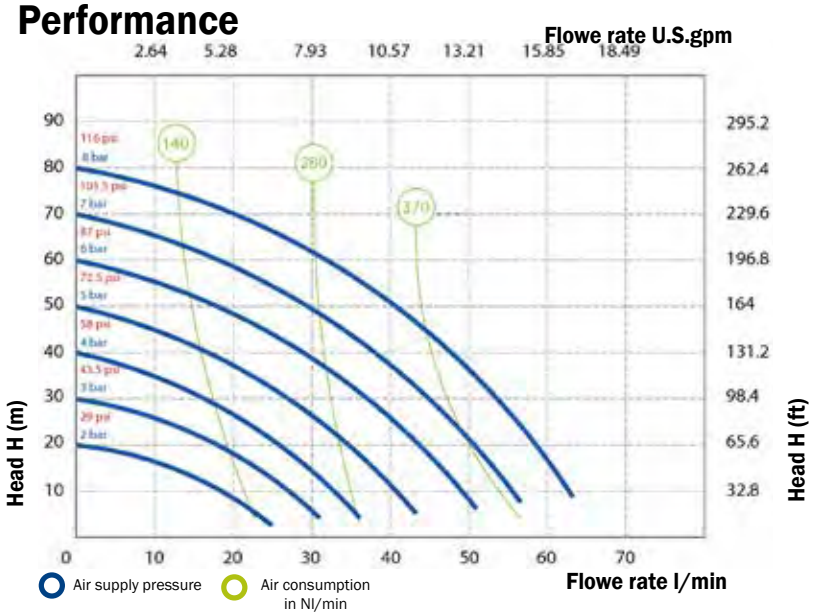


FDA compliant

EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-F065-AB1** | SS AISI 316 E-P | HYTREL+PTFE | SS AISI 316 | PTFE | high viscosity food products |
| **028-F065-AB2** | SS AISI 316 E-P | HYTREL+PTFE | PTFE | PTFE | low viscosity food and drink products |

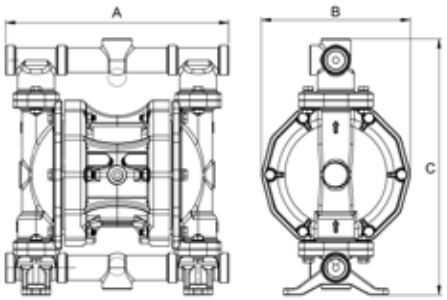
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1” Tri-Clamp** |
| Air connection: | **1/4” BSP** |
| Max flow-rate: | **65 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **3,5 mm** |
| Noise level: | **72 dB** |
| Displacement per cycle: | **140 cm³** |
| Max Viscosity: | **20000 cps** |




## Dimensions

| Food SS65 | |
|---|---|
| A (mm) | 246 |
| B (mm) | 165 |
| C (mm) | 271 |
| Gross weight kg | 8,22 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model FOOD SS120

Made of electro-polished
SS AISI 316

Compression ratio: 1:1
Max flow-rate: 120 l/min
Fluid connections: 1.1/2” Tri-Clamp

FDA compliant

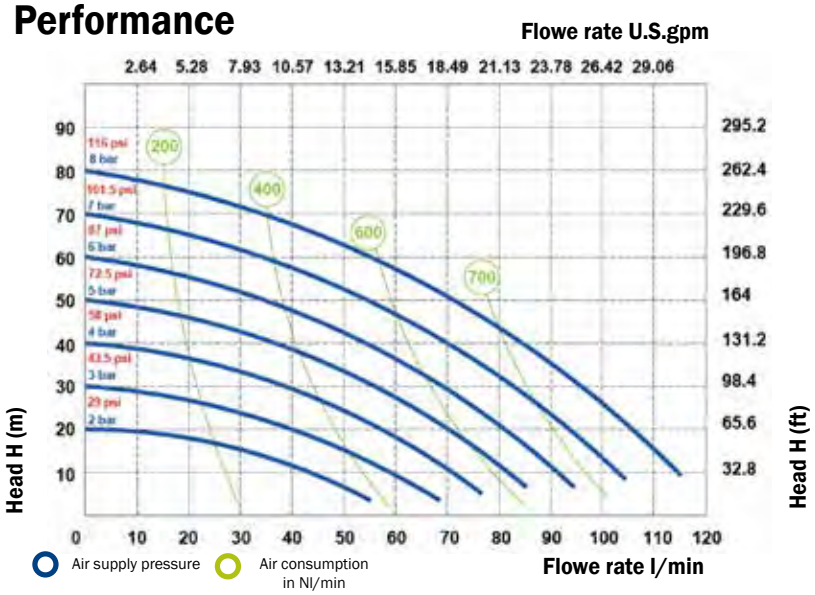
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-F120-AB1** | SS AISI 316 E-P | NBR+PTFE | SS AISI 316 | PTFE | high viscosity food products |
| **028-F120-AB2** | SS AISI 316 E-P | NBR+PTFE | PTFE | PTFE | low viscosity food and drink products |

## Technical data

| | |
|---|---|
| Fluid connections: | **1.1/2” Tri-Clamp** |
| Air connection: | **3/8” BSP** |
| Max flow-rate: | **120 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **4,0 mm** |
| Noise level: | **72 dB** |
| Displacement per cycle: | **200 cm³** |
| Max Viscosity: | **25000 cps** |

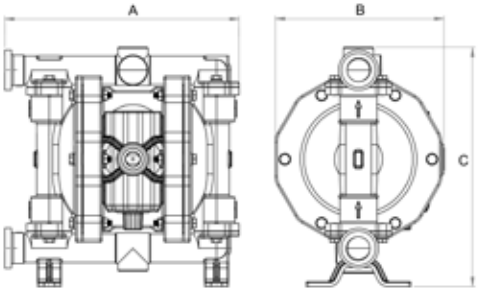
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| Food SS120 | |
|---|---|
| A (mm) | 259 |
| B (mm) | 177 |
| C (mm) | 296 |
| Gross weight kg | 9,53 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model FOOD SS170

Made of electro-polished
SS AISI 316

Compression ratio: 1:1
Max flow-rate: 170 l/min
Fluid connections: 1.1/2” Tri-Clamp



FDA compliant

EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-F170-AB1** | SS AISI 316 E-P | NBR+PTFE | SS AISI 316 | PTFE | high viscosity food products |
| **028-F170-AB2** | SS AISI 316 E-P | NBR+PTFE | PTFE | PTFE | low viscosity food and drink products |

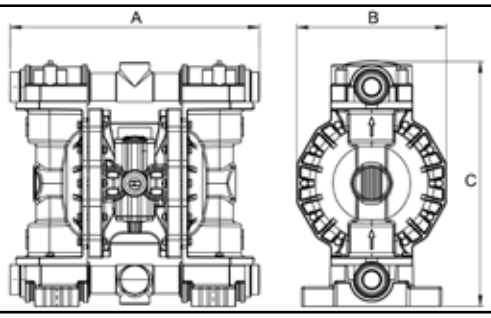
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **1.1/2” Tri-Clamp** |
| Air connection: | **1/2” BSP** |
| Max flow-rate: | **170 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **7,5 mm** |
| Noise level: | **75 dB** |
| Displacement per cycle: | **700 cm³** |
| Max Viscosity: | **35000 cps** |




## Dimensions

| Food SS170 | |
|---|---|
| A (mm) | 357 |
| B (mm) | 222 |
| C (mm) | 371 |
| Gross weight kg | 17,94 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model FOOD SS400

Made of electro-polished
SS AISI 316

Compression ratio: 1:1
Max flow-rate: 400 l/min
Fluid connections: 2” Tri-Clamp

FDA compliant

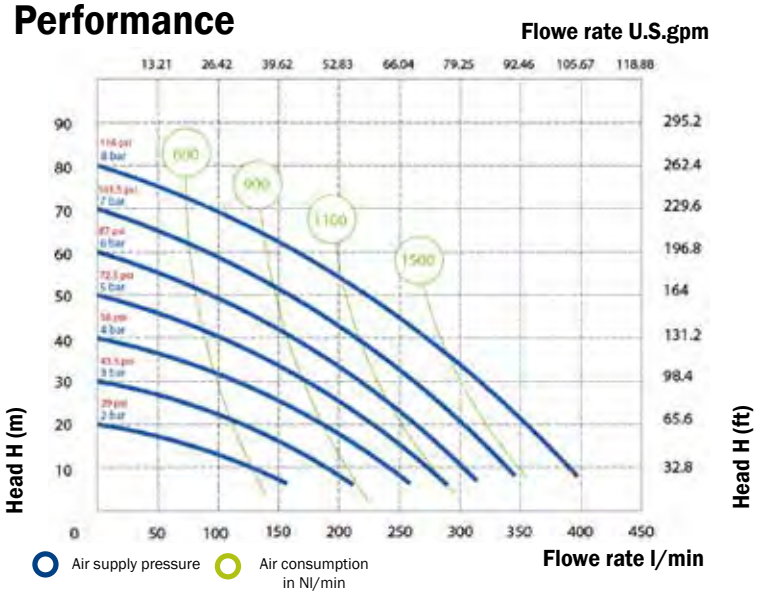
EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-F400-EF1** | SS AISI 316 E-P | NBR+PTFE | SS AISI 316 | PTFE | high viscosity food products |
| **028-F400-EF2** | SS AISI 316 E-P | NBR+PTFE | PTFE | PTFE | low viscosity food and drink products |

## Technical data

| | |
|---|---|
| Fluid connections: | **1.1/2” BSP** |
| Air connection: | **1/2” BSP** |
| Max flow-rate: | **400 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **8 mm** |
| Noise level: | **78 dB** |
| Displacement per cycle: | **1200 cm³** |
| Max Viscosity: | **40000 cps** |

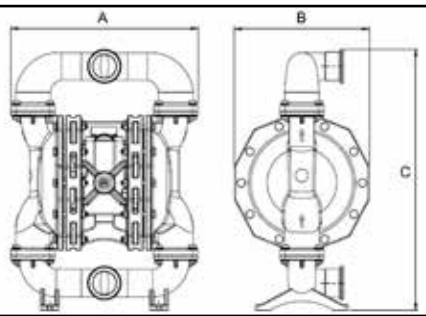
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Dimensions

| Food SS400 | |
|---|---|
| A (mm) | 361 |
| B (mm) | 260 |
| C (mm) | 501,5 |
| Gross weight kg | 26,60 |
| MAX Temperature | -20°C + 95°C |



# Meclube Model FOOD SS700

Made of electro-polished
SS AISI 316

Compression ratio: 1:1
Max flow-rate: 700 l/min
Fluid connections: 2.1/2” Tri-Clamp

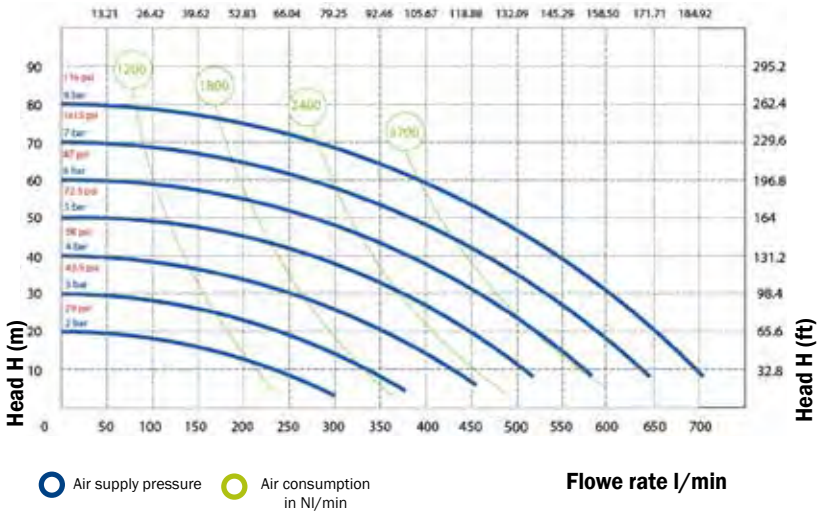


FDA compliant

EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-F700-EF1** | SS AISI 316 E-P | NBR+PTFE | SS AISI 316 | PTFE | high viscosity food products |
| **028-F700-EF2** | SS AISI 316 E-P | NBR+PTFE | PTFE | PTFE | low viscosity food and drink products |

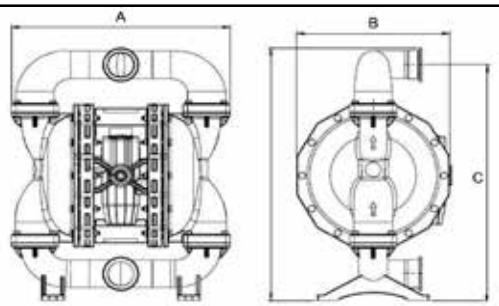
## Performance




The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

## Technical data

| | |
|---|---|
| Fluid connections: | **2.1/2” Tri-Clamp** |
| Air connection: | **3/4” BSP** |
| Max flow-rate: | **700 l/min** |
| Max air pressure: | **8 bar** |
| Max delivery head: | **80 m** |
| Max Suction Lift Dry: | **5,0 m** |
| Max Suction Lift Wet: | **9,8 m** |
| Max Solid passing: | **8,5 mm** |
| Noise level: | **78 dB** |
| Displacement per cycle: | **3050 cm³** |
| Max Viscosity: | **50000 cps** |




## Dimensions

| Food SS700 | |
|---|---|
| A (mm) | 487 |
| B (mm) | 345 |
| C (mm) | 598 |
| Gross weight kg | 53,2 |
| MAX Temperature | -20°C + 95°C |



EX II 3/3 GD h IIB T4 135 °C ATEX zone2

## DRUM-MEC Model P55TB

Made of POLYPROPYLENE

Compression ratio: 1:1

Max flow rate: 55 l/min

Fluid connections: 1/2” BSP

**Equipped with:**

Suction hose (A28-1264-094) in acetalic resin with threaded ring for fixing to the drum M2” and adaptor M56X4 - F2”

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P055-TB1** | POLYPROPYLENE | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P055-TB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | water-anti-freeze-windscreen-urea-AdBlue |



EX II 3/3 GD h IIB T4 135 °C ATEX zone2

## DRUM-MEC Model P110TB

Made of POLYPROPYLENE

Compression ratio: 1:1

Max flow rate: 110 l/min

Fluid connections: 3/4” BSP

**Equipped with:**

Suction hose (A28-1264-094) in acetalic resin with threaded ring for fixing to the drum M2” and adaptor M56X4 - F2”

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-P110-TB1** | POLYPROPYLENE | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-P110-TB3** | POLYPROPYLENE | HYTREL+PTFE | PTFE | PTFE | water-anti-freeze-windscreen-urea-AdBlue |



| TECHNICAL DATA | 028-P055-TB1 | 028-P055-TB3 | 028-P110-TB1 | 028-P110-TB3 |
|---|---|---|---|---|
| Fluid connections | 1/2”BSP | 1/2”BSP | 3/4”BSP | 3/4”BSP |
| Air connection | 1/4” BSP | 1/4” BSP | 3/8” BSP | 3/8” BSP |
| Max flow-rate | 55 l/min | 55 l/min | 110 l/min | 110 l/min |
| Max air pressure | 8 bar | 8 bar | 8 bar | 8 bar |
| Max delivery head | 80 m | 80 m | 80 m | 80 m |
| Max Suction Lift Dry | 5 m | 5 m | 5 m | 5 m |
| Max Suction Lift Wet | 9,8 m | 9,8 m | 9,8 m | 9,8 m |
| Max Solid passing | 3,5 mm | 3,5 mm | 4,0 mm | 4,0 mm |
| Noise level | 70 dB | 70 dB | 72 dB | 72 dB |
| Displacement per cycle | 140 $cm^3$ | 140 $cm^3$ | 200 $cm^3$ | 200 $cm^3$ |
| Max Viscosity | 20000 cps | 20000 cps | 25000 cps | 25000 cps |

## DRUM-MEC Model A55TB

Made of ALUMINIUM
Compression ratio: 1:1
Max flow rate: 55 l/min
Fluid connections: 1/2” BSP

**Equipped with:**
Suction hose (A28-1274-094) in galvanized steel with brass foot valve, threaded ring for fixing to the drum M2” and adaptor M56X4 - F2”



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A055-TB1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A055-TB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | water-anti-freeze-windscreen |

## DRUM-MEC Model A110TB

Made of ALUMINIUM
Compression ratio: 1:1
Max flow rate: 110 l/min
Fluid connections: 3/4” BSP

**Equipped with:**
Suction hose (A28-1274-094) in galvanized steel with brass foot valve, threaded ring for fixing to the drum M2” and adaptor M56X4 - F2”



EX II 3/3 GD h IIB T4 135°C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A110-TB1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A110-TB3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | water-anti-freeze-windscreen |

| TECHNICAL DATA | 028-A055-TB1 | 028-A055-TB3 | 028-A110-TB1 | 028-A110-TB3 |
|---|---|---|---|---|
| Fluid connections | 1/2”BSP | 1/2”BSP | 3/4”BSP | 3/4”BSP |
| Air connection | 1/4” BSP | 1/4” BSP | 3/8” BSP | 3/8” BSP |
| Max flow-rate | 55 l/min | 55 l/min | 110 l/min | 110 l/min |
| Max air pressure | 8 bar | 8 bar | 8 bar | 8 bar |
| Max delivery head | 80 m | 80 m | 80 m | 80 m |
| Max Suction Lift Dry | 5 m | 5 m | 5 m | 5 m |
| Max Suction Lift Wet | 9,8 m | 9,8 m | 9,8 m | 9,8 m |
| Max Solid passing | 3,5 mm | 3,5 mm | 4,0 mm | 4,0 mm |
| Noise level | 70 dB | 70 dB | 72 dB | 72 dB |
| Displacement per cycle | 140 $cm^3$ | 140 $cm^3$ | 200 $cm^3$ | 200 $cm^3$ |
| Max Viscosity | 20000 cps | 20000 cps | 25000 cps | 25000 cps |





## TWIN-MEC Model A55TW

Made of ALUMINIUM

| | |
|---|---|
| Compression ratio: | 1:1 |
| Max flow rate: | 55 l/min |
| Fluid connections: | 1/2” BSP |

EX II 3/3 GD h IIB T4 135 °C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A055-TW1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A055-TW3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | water-anti-freeze-windscreen |



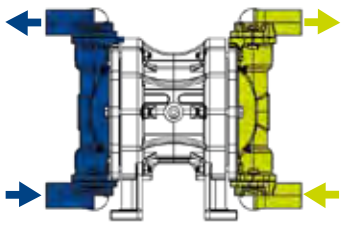
## TWIN-MEC Model A110TW

Made of ALUMINIUM

| | |
|---|---|
| Compression ratio: | 1:1 |
| Max flow rate: | 110 l/min |
| Fluid connections: | 3/4” BSP |

EX II 3/3 GD h IIB T4 135 °C ATEX zone2

| ARTICLE | CASING | DIAPHRAGM | BALLS | GASKET | FLUIDS |
|---|---|---|---|---|---|
| **028-A110-TW1** | ALUMINIUM | HYTREL | SS AISI 316 | NBR | oil-exhausted oil-diesel fuel |
| **028-A110-TW3** | ALUMINIUM | HYTREL+PTFE | PTFE | PTFE | water-anti-freeze-windscreen |



| TECHNICAL DATA | 028-A055-TW1 | 028-A055-TW3 | 028-A110-TW1 | 028-A110-TW3 |
|---|---|---|---|---|
| Fluid connections | 1/2”BSP | 1/2”BSP | 3/4”BSP | 3/4”BSP |
| Air connection | 1/4” BSP | 1/4” BSP | 3/8” BSP | 3/8” BSP |
| Max flow-rate | 55 l/min | 55 l/min | 110 l/min | 110 l/min |
| Max air pressure | 8 bar | 8 bar | 8 bar | 8 bar |
| Max delivery head | 80 m | 80 m | 80 m | 80 m |
| Max Suction Lift Dry | 5 m | 5 m | 5 m | 5 m |
| Max Suction Lift Wet | 9,8 m | 9,8 m | 9,8 m | 9,8 m |
| Max Solid passing | 3,5 mm | 3,5 mm | 4,0 mm | 4,0 mm |
| Noise level | 70 dB | 70 dB | 72 dB | 72 dB |
| Displacement per cycle | 140 $cm^3$ | 140 $cm^3$ | 200 $cm^3$ | 200 $cm^3$ |
| Max Viscosity | 20000 cps | 20000 cps | 25000 cps | 25000 cps |

TWIN-MEC pumps are mainly used in the textile and paper processing industry. These dual action pumps are able to transfer two different fluidsindependently and simultaneously. This is accomplished by using separate connections on the suction and discharge ports, keeping two pumped fluids isolated from each other, preventing unwanted mixing.

## Pressure regulators with pressure gauge

| ARTICLE | THREAD | REGOLATION | FLOW RATE |
|---|---|---|---|
| 014-1045-000 | F-F 1/4” | 0÷8 bar | 2050 Nl/min |
| 014-1045-B00 | F-F 1/2” | 0÷8 bar | 3200 Nl/min |
| 014-1045-C00 | F-F 3/4” | 0÷8 bar | 6200 Nl/min |
| 014-1045-D00 | F-F 1” | 0÷8 bar | 6200 Nl/min |



## Pressure regulators with filter and pressure gauge

| ARTICLE | THREAD | REGOLATION | FLOW RATE | FILTRATION |
|---|---|---|---|---|
| 014-1046-000 | F-F 1/4” | 0÷8 bar | 1650 Nl/min | 20 µ |
| 014-1046-B00 | F-F 1/2” | 0÷8 bar | 3000 Nl/min | 20 µ |
| 014-1046-C00 | F-F 3/4” | 0÷8 bar | 4500 Nl/min | 20 µ |
| 014-1046-D00 | F-F 1” | 0÷8 bar | 4500 Nl/min | 20 µ |



## Air lubricator

| ARTICLE | THREAD | REGOLATION | FLOW RATE |
|---|---|---|---|
| 014-1047-000 | F-F 1/4” | - | 2600 Nl/min |
| 014-1047-B00 | F-F 1/2” | - | 5600 Nl/min |
| 014-1047-C00 | F-F 3/4” | - | 8200 Nl/min |
| 014-1047-D00 | F-F 1” | - | 8200 Nl/min |



## Pressure regulators with lubricating filter and pressure gauge

| ARTICLE | THREAD | REGOLATION | FLOW RATE | FILTRATION |
|---|---|---|---|---|
| 014-1048-000 | F-F 1/4” | 0÷8 bar | 1100 Nl/min | 20 µ |
| 014-1048-B00 | F-F 1/2” | 0÷8 bar | 2500 Nl/min | 20 µ |
| 014-1048-C00 | F-F 3/4” | 0÷8 bar | 4300 Nl/min | 20 µ |
| 014-1048-D00 | F-F 1” | 0÷8 bar | 4300 Nl/min | 20 µ |



To optimise the performance and the long life of the pneumatic equipment, we suggest to use air without condensation, lubricated and at an adequate pressure.

The active pulsation damper is the most efficient way to remove pressure variations on the discharge of the pump. Meclube pulsation damper works actively with compressed air and a diaphragm, automatically setting the correct pressure to minimize the pulsations. Pulsation dampers require minimum maintenance and are, subject to the requirements of the application, available in the same casing and diaphragm materials as the pump.

## Applications and advantages

- **Metering and dispensing**
  It damps the discharge pressure spikes, increasing accuracy
- **Filter Press**
  It increases filter efficiency and life by providing a smooth flow
- **Spraying**
  Constant spray pattern.
- **Filling**
  It eliminates inconstant filling and splashing.
- **Transfer**
  It eliminates harmful water hammers, preventing pipes and valves damages.







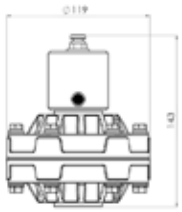
**Significant pulsation reduction with an average percentage of 70% - 80% pulsation reduction in high back pressure applications.**



## How it works

The pulsating flow of the discharge forces the diaphragm upwards where it is cushioned by the air in the chamber.
The flexing of the diaphragm absorbs the pulsation giving a costant flow.





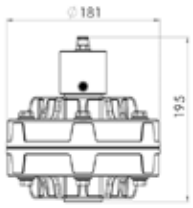
## Model DAMP 35

Max flow rate: 35 l/min

Fluid connections: 3/4” BSP

| ARTICLE | CASING | FLUID CONNECTION | AIR CONNECTION | MAX PRESSURE | MAX FLOW RATE |
|---|---|---|---|---|---|
| **A28-0035-001** | POLYPROPYLENE | 3/4” BSP | 6 mm | 8 bar | 35 l/min |
| **A28-0035-002** | PVDF | 3/4” BSP | 6 mm | 8 bar | 35 l/min |
| **A28-0035-003** | POMc | 3/4” BSP | 6 mm | 8 bar | 35 l/min |
| **A28-0035-004** | SS AISI 316 | 3/4” BSP | 6 mm | 8 bar | 35 l/min |





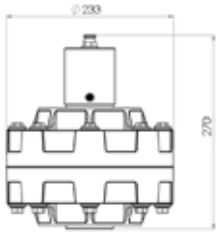
## Model DAMP 110

Max flow rate: 110 l/min

Fluid connections: 1” BSP

| ARTICLE | CASING | FLUID CONNECTION | AIR CONNECTION | MAX PRESSURE | MAX FLOW RATE |
|---|---|---|---|---|---|
| **A28-0110-001** | POLYPROPYLENE | 1” BSP | 8 mm | 8 bar | 110 l/min |
| **A28-0110-002** | PVDF | 1” BSP | 8 mm | 8 bar | 110 l/min |
| **A28-0110-003** | POMc | 1” BSP | 8 mm | 8 bar | 110 l/min |
| **A28-0110-004** | SS AISI 316 | 1” BSP | 8 mm | 8 bar | 110 l/min |





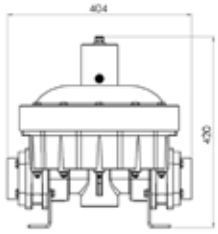
## Model DAMP 250

Max flow rate: 250 l/min

Fluid connections: 1” 1/2 BSP

| ARTICLE | CASING | FLUID CONNECTION | AIR CONNECTION | MAX PRESSURE | MAX FLOW RATE |
|---|---|---|---|---|---|
| **A28-0250-001** | POLYPROPYLENE | 1.1/2” BSP | 10 mm | 8 bar | 250 l/min |
| **A28-0250-002** | PVDF | 1.1/2” BSP | 10 mm | 8 bar | 250 l/min |
| **A28-0250-003** | POMc | 1.1/2” BSP | 10 mm | 8 bar | 250 l/min |
| **A28-0250-004** | SS AISI 316 | 1.1/2” BSP | 10 mm | 8 bar | 250 l/min |





## Model DAMP 1000

Max flow rate: 1000 l/min

Fluid connections: 2” BSP

| ARTICLE | CASING | FLUID CONNECTION | AIR CONNECTION | MAX PRESSURE | MAX FLOW RATE |
|---|---|---|---|---|---|
| **A28-1000-001** | POLYPROPYLENE | 2” BSP | 12 mm | 8 bar | 1000 l/min |
| **A28-1000-002** | PVDF | 2” BSP | 12 mm | 8 bar | 1000 l/min |
| **A28-1000-003** | ALLUMINIO | 2” BSP | 12 mm | 8 bar | 1000 l/min |
| **A28-1000-004** | SS AISI 316 | 2” BSP | 12 mm | 8 bar | 1000 l/min |



**Art. 025-1266-001**
**Wall fixing bracket**
For diaphragm pumps **Mod. 20/35/55/110**



**Art. 025-1266-002**
**Wall fixing bracket**
For diaphragm pumps **Mod. 170/250**



**Art. 025-1266-003**
**Wall fixing bracket**
For diaphragm pumps **Mod. 400/700**



**Art. A28-3000-001**
**Stainless steel trolley base dimension 330x236 mm**
Nylon wheels Ø 125 with stainless steel plugs
For diaphragm pumps **Mod. 110/170/250**



**Art. A28-3000-002**
**Stainless steel trolley base dimension 600x270 mm**
Nylon wheels Ø 125 with stainless steel plugs
For diaphragm pumps **Mod. 400/700**



## FLANGE CONNECTION KIT

Adapt a pump from BSP
type connection to flanges with this kit.



| ARTICLE | CASING | FLUID CONNECTION | PUMP MODEL |
|---|---|---|---|
| **A28-0016-001** | POLYPROPYLENE | DN 16 - 1/2" | P20 |
| **A28-0016-002** | PVDF | DN 16 - 1/2" | PVDF20 |
| **A28-0016-003** | ALUMINIUM | DN 16 - 1/2" | A20 |
| **A28-0016-004** | SS AISI 316 | DN 16 - 1/2" | SS20 |

| ARTICLE | CASING | FLUID CONNECTION | PUMP MODEL |
|---|---|---|---|
| **A28-0025-001** | POLYPROPYLENE | DN 25 - 1" | P55 - P110 |
| **A28-0025-002** | PVDF | DN 25 - 1" | PVDF55 - PVDF110 |
| **A28-0025-003** | ALUMINIUM | DN 25 - 1" | A55 - A110 |
| **A28-0025-004** | SS AISI 316 | DN 25 - 1" | SS55 - SS110 |

| ARTICLE | CASING | FLUID CONNECTION | PUMP MODEL |
|---|---|---|---|
| **A28-0032-001** | POLYPROPYLENE | DN 32 - 1.1/4" | P170 - P250 |
| **A28-0032-002** | PVDF | DN 32 - 1.1/4" | PVDF170 - PVDF250 |
| **A28-0032-003** | ALUMINIUM | DN 32 - 1.1/4" | A170 - A250 |
| **A28-0032-004** | SS AISI 316 | DN 32 - 1.1/4" | SS170 - SS250 |

| ARTICLE | CASING | FLUID CONNECTION | PUMP MODEL |
|---|---|---|---|
| **A28-0050-004** | SS AISI 316 | DN 50 - 2" | SS400 |
| **A28-0065-004** | SS AISI 316 | DN 65 - 2.1/2" | SS700 |

## SUCTION HOSE FOR DIAPHRAGM PUMPS

In polypropylene (POMc)
with threaded ring connect drum



| ARTICLE | SUCTION HOSE | DIMENSION | THREAD | FOOT VALVE | ADAPTOR | THREADED RING |
|---|---|---|---|---|---|---|
| **A28-1264-094** | POMc | Ø 30X940 mm | M 1/2" BSP | - | M56X4-F2" | M 2" P. Ø 30 mm |
| **A28-1265-094** | POMc | Ø 30X940 mm | M 3/4" BSP | - | M56X4-F2" | M 2" P. Ø 30 mm |
| **A28-1264-125** | POMc | Ø 30X1250 mm | M 1/2" BSP | - | M56X4-F2" | M 2" P. Ø 30 mm |
| **A28-1265-125** | POMc | Ø 30X1250 mm | M 3/4" BSP | - | M56X4-F2" | M 2" P. Ø 30 mm |

## SUCTION TUBE FOR DIAPHRAGM PUMPS

In galvanized steel with foot valve
and threaded ring connect drum



| ARTICLE | SUCTION TUBE | DIMENSION | THREAD | FOOT VALVE | ADAPTOR | THREADED RING |
|---|---|---|---|---|---|---|
| **A28-1274-094** | GALVANIZED STEEL | Ø 30X940 mm | M 1/2" BSP | BRAAS | M56X4-F2" | M 2" P. Ø 30 mm |
| **A28-1275-094** | GALVANIZED STEEL | Ø 30X940 mm | M 3/4" BSP | BRAAS | M56X4-F2" | M 2" P. Ø 30 mm |
| **A28-1274-125** | GALVANIZED STEEL | Ø 30X1250 mm | M 1/2" BSP | BRAAS | M56X4-F2" | M 2" P. Ø 30 mm |
| **A28-1275-125** | GALVANIZED STEEL | Ø 30X1250 mm | M 3/4" BSP | BRAAS | M56X4-F2" | M 2" P. Ø 30 mm |

# CHEMICAL COMPATIBILITY TABLE

| FLUID | CHEMICAL CODE | MAX CONC. | BEST CONFIGURATION | OTHER ACCEPTABLE MATERIALS | NOTE |
|---|---|---|---|---|---|
| ETHYL ACETATE | CH3C00C2H5 | ALL | PHTTPD | A | |
| ACETONE | C3H60 | ALL | PHTTPD | A - S | |
| ACETIC ACID | C2H402 | ALL | PHTTPD | | |
| CYANIDE | HCN | ALL | PHTTPV | | |
| HYDROCHLORIC ACID | HCJ | ALL | PHTTPV | KC | |
| CHROMIC ACID | H2Cr04 | ALL | KCMTTKV | Z | |
| HYDROFLUORIC ACID | HF | ALL | KCMTTKT | PC | NO PP because is with glass fiber |
| FORMIC ACID | CH202 | ALL | PHTTPD | A - S - KC | |
| NITRIC ACID | HN03 | 20% | PHTTPV | S - KC - Z | |
| NITRIC ACID | HN03 | 100% | KCMTTKV | S | |
| SULPHURIC ACID | H2S04 | 50% | PHTTPV | KC | HIGH DENSITY |
| SULPHURIC ACID | H2S04 | 98% | KCMTTKV | | HIGH DENSITY |
| WATER+SAND | | ALL | PDDZD | A - N | HIGH ABRASION-NO-CHEMICHALS |
| ALCOHOLS (GENERIC) | CnH2n+20 | ALL | PHTTPD | S | |
| VINYL GLUE | *** | ALL | PHTSSD | A | HIGH VISCOSITY |
| SODIUM HYDROXIDE | NaOH | ALL | PHTTPD | S | |
| SODIUM HYPOCHLORITE | NaOCL | 15% | PHTTPV | | |
| SODIUM HYPOCHLORITE | NaOCL | 100% | KCMTTKV | PC | NO PP because is with glass fiber |
| ISOCYANATE | *** | ALL | PHTSPV | A | HIGH VISCOSITY |
| MILK OF LIME | *** | ALL | PDDZD | D | HIGH ABRASION - ALKALINE |
| HYDROGEN PEROXIDE | H202 | 20% | PHTTPV | A - S - KC | |
| HYDROGEN PEROXIDE | H202 | 100% | KCMTTKV | A - S | |
| POLYOL | *** | ALL | PHTSPV | A | HIGH DENSITY |
| HALOGENATED SOLVENTS | *** | ALL | KCMTTKT | *** | NO ALUMINIUM |
| TOLUENE | C7H8 | ALL | AHTTAT | S - KC - Z | |
| AMMONIA | NH3 | ALL | PHTTPD | S | |
| XYLENE | C8H10 | ALL | AHTTPD | S | |

## MATERIAL LIST

| | | |
|---|---|---|
| A | → | ALUMINIUM |
| D | → | EPDM |
| H | → | HYTREL / KEYFLEX |
| KC | → | PVDF + CF |
| M | → | SANTOPRENE |
| N | → | NBR |
| P | → | POLYPROPYLENE |
| PC | → | POLYPROPYLENE + CF |
| S | → | INOX AISI 316 |
| T | → | PTFE / TEFLON |
| V | → | FPM / VITON |
| Z | → | POLYETHYLENE / POLIZENE |

PH 14 — ALKALINE / BASIC
↑ PP / EPDM
PH 7 — NEUTRAL
↓ ACIDS
PH 1 — PVDF / PP / VITON

# TROLLEYS FOR TRANSPORT OF OIL, GREASE AND SIMILAR DRUMS

Modular and varnished trolleys, advised for the transport of drums (oil – grease - similar) of 16<220 Kg in work places.



# TROLLEYS FOR TRANSPORT OF OIL, GREASE AND SIMILAR DRUMS



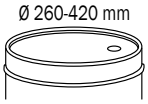
030-1392-000

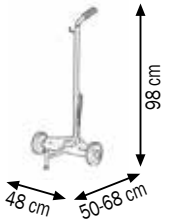
## Art. 030-1392-000

**Trolley for 16-60 Kg drums**

Equipped with:
2 wheels Ø 150 mm
Band for fixing drums
Adjustable base

| | Kg | m³ | № |
|---|---|---|---|
| 030-1392-000 | 6,000 | 0,051 | 1 |





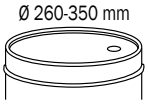

030-1393-000

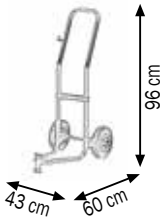
## Art. 030-1393-000

**Trolley for 16-30 Kg drums**

Equipped with:
2 **pneumatic wheels** Ø 220 mm
Band for fixing drums
Base dimension 350 x 240 mm

| | Kg | m³ | № |
|---|---|---|---|
| 030-1393-000 | 7,700 | 0,051 | 1 |





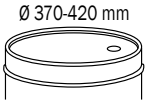

030-1394-000

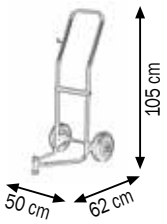
## Art. 030-1394-000

**Trolley for 50-60 Kg drums**

Equipped with:
2 **pneumatic wheels** Ø 220 mm
Band for fixing drums
Base dimension 400 x 300 mm

| | Kg | m³ | № |
|---|---|---|---|
| 030-1394-000 | 7,900 | 0,072 | 1 |






030-1395-000

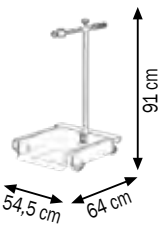
## Art. 030-1395-000

**Trolley for 50-60 Kg drums**

Equipped with:
2 fixed wheels Ø 125 mm
2 swivelling wheels Ø 60 mm
Base dimension 410 x 410 mm

| | Kg | m³ | № |
|---|---|---|---|
| 030-1395-000 | 13,600 | 0,072 | 1 |



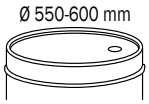



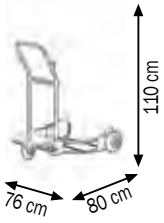

Modular and varnished trolleys, advised for the transport of drums (oil – grease - similar) of 16<60 Kg in work places.

## Art. 030-1398-000

**Trolley for drums of 180-220 Kg**
**Pre-arranged for application of the hose reel**
Equipped with:
2 fixed wheels Ø 200 mm
1 swivelling wheel Ø 125 mm
(equipped with locking device)
Band for fixing drums
Base dimension 600x470 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **030-1398-000** | 21,900 | 0,170 | 1 |



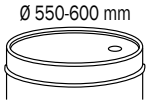


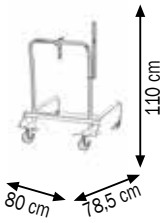

**030-1398-000**

## Art. 030-1400-000

**Trolley for drums of 180-220 Kg**
Equipped with:
2 fixed wheels Ø 250 mm
2 swivelling wheels Ø 125 mm
Base dimension 610x610 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **030-1400-000** | 37,000 | 0,170 | 1 |



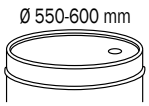



**030-1400-000**

## Art. 030-1405-000

**Trolley for drums of 180-220 Kg**
**Pre-arranged for application of the hose reel**
Equipped with:
2 fixed wheels Ø 250 mm
2 swivelling wheels Ø 180 mm
(one is equipped with locking device)
Base dimension 610x610 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **030-1405-000** | 46,200 | 0,170 | 1 |









**030-1405-000**

Modular and varnished trolleys, advised for the transport of drums (oil – grease - similar) of 180<220 Kg in work places.

# LIFT TROLLEY FOR DRUMS



030-1407-000

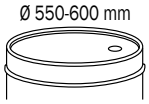
## Art. 030-1407-000

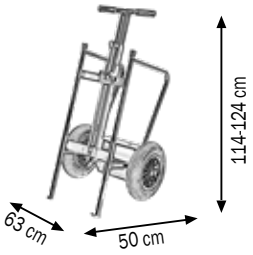
**Special trolley for drums of 180/220 l**

Equipped with:

2 pneumatic wheels ø 380 mm

| | | | |
|---|---|---|---|
| **030-1407-000** | 23,200 | 0,390 | 1 |






030-1408-000

## Art. 030-1408-000

**Hydraulic lift trolley for drums of 180/220 l**

Equipped with:

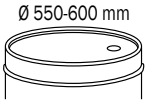
Hydraulic pedal pump

Collet self-locking

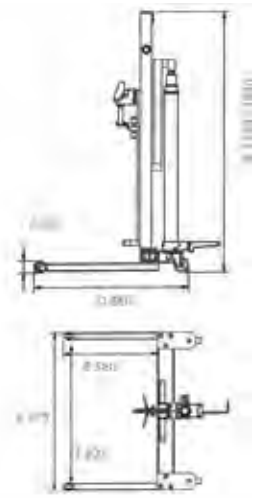
2 fixed wheels ø 80 mm

2 swivelling wheels ø 125 mm

| | | | |
|---|---|---|---|
| **030-1408-000** | 53,500 | 0,095 | 1 |





| Technical Data | | 030- 1408-000 |
|---|---|---|
| Piston stroke | mm | 650 |
| Max delivery | kg | 250 |
| Dimensions A | mm | 1340/1840 |
| Dimensions B | mm | 580 |
| Dimensions C | mm | 80 |
| Dimensions D | mm | 880 |
| Dimensions E | mm | 975 |
| Dimensions F | mm | 825 |

Lift trolleys for drums suitable for the substitution of drums up to 220kg on the tanks of dump. It's easy, effortless and can be used by only one person.

# EXHAUSTED OIL ASPIRATORS

The air-operated oil aspirators are ideal for a rapid changing of motor oil to every vehicle.
After depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.

The units can suction till 2/3 of their capacity.

Change the oil at a temperature of 60°- 80°C (when the engine is just switched off).

Warning: do not use these units for the suction of brake oils, fuels and inflammable liquids



# EXHAUSTED OIL ASPIRATORS INDEX

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# EXHAUSTED OIL ASPIRATORS INDEX




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AIR-OPERATED OIL ASPIRATORS AND DRAIN UNITS page 234



AIR-OPERATED OIL ASPIRATORS AND DRAIN UNITS WITH PANTOGRAPH page 237



WHEELED OIL ASPIRATORS WITH PUMP page 241



WALL-FIXING OIL ASPIRATORS WITH PUMP page 242



OIL ASPIRATORS WITH DIAPHRAGM PUMP page 243



KITS WITH AIR-OPERATED DIAPHRAGM PUMPS FOR SUCTION-TRANSFER OIL page 244



PROBES FOR OIL ASPIRATORS page 246

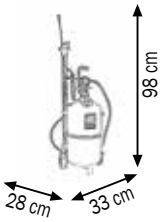


040-1418-000

## Art. 040-1418-000

**Air-operated exhausted oil aspirator 24 l**
Tank capacity 24 l with level indicator
Manual air emptying of tank
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | № |
|---|---|---|---|
| **040-1418-000** | 13,100 | 0,081 | 1 |



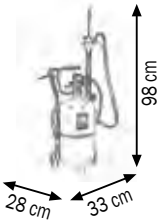



040-1420-000

## Art. 040-1420-000

**Air-operated exhausted oil aspirator 24 l**
Tank capacity 24 l with level indicator
Manual air emptying of tank (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | № |
|---|---|---|---|
| **040-1420-000** | 14,200 | 0,074 | 1 |



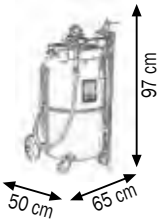



040-1427-000

## Art. 040-1427-000

**Industrial air-operated aspirator for liquids 90 l**
Tank capacity 90 l with level indicator
Abs tool holder basin with 3 sections
Pneumatic air emptying of tank (max pressure 0,5 bar)
Equipped with 2 probes Ø 12 and Ø 20mm
**Suction capacity 25 l/min**

| | Kg | m³ | № |
|---|---|---|---|
| **040-1427-000** | 29,600 | 0,240 | 1 |




| Technical data | | 040-1418-000 | 040-1420-000 | 040-1427-000 |
|---|---|---|---|---|
| Air pressure for depressurisation | bar | 7,5 – 8 | 7,5 – 8 | 7,5 – 8 |
| Depressurisation time | l/min | 1’ - 1,5’ | 1’ - 1,5’ | 2,5’ - 3’ |
| Max suction capacity with a depressurisation | l | 13 – 16 | 13 – 16 | 60 – 65 |
| Suction time with Ø 6 and oil at 60 – 80 °C temperature | l/min | 1,5 - 2 | 1,5 - 2 | 1,5 - 2 |
| Suction hose-empting – hose length | m | 2 | 2 | 2 |

The air-operated oil aspirators are ideal for a rapid changing of motor oil to every vehicle.
After depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.
The units can suction till 2/3 of their capacity.
**Change the oil at a temperature of 60°- 80°C (when the engine is just switched off).**

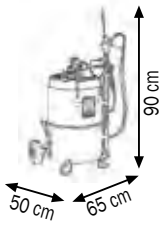
**Warning:** do not use these units for the suction of brake oils, fuels and inflammable liquids

## Art. 040-1424-000

**Air-operated exhausted oil aspirator 65 l**

Tank capacity 65 l with level indicator
Abs tool holder basin with 3 sections
Pneumatic air emptying of tank (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | № |
|---|---|---|---|
| **040-1424-000** | 24,600 | 0,220 | 1 |





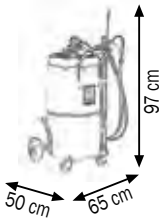

**040-1424-000**

## Art. 040-1425-000

**Air-operated exhausted oil aspirator 90 l**

Tank capacity 90 l with level indicator
Abs tool holder basin with 3 sections
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | № |
|---|---|---|---|
| **040-1425-000** | 27,100 | 0,240 | 1 |





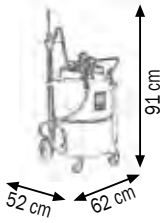

**040-1425-000**

## Art. 040-1428-000

**Air-operated exhausted oil aspirator 120 l**

Tank capacity 120 l with level indicator
Abs tool holder basin with 3 sections
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | № |
|---|---|---|---|
| **040-1428-000** | 27,200 | 0,310 | 1 |






**040-1428-000**

| Technical data | | 040-1424-000 | 040-1425-000 | 040-1428-000 |
|---|---|---|---|---|
| Air pressure for depressurisation | bar | 7,5 – 8 | 7,5 – 8 | 7,5 – 8 |
| Depressurisation time | l/min | 2' - 2,5' | 2,5' - 3' | 3' - 3,5' |
| Max suction capacity with a depressurisation | l | 43 - 45 | 60 – 65 | 85 – 90 |
| Suction time with Ø 6 and oil at 60 – 80 °C temperature | l/min | 1,5 - 2 | 1,5 - 2 | 1,5 - 2 |
| Suction hose-empting – hose length | m | 2 | 2 | 2 |

The air-operated oil aspirators are ideal for a rapid changing of motor oil to every vehicle.
After depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.
The units can suction till 2/3 of their capacity.
**Change the oil at a temperature of 60°- 80°C (when the engine is just switched off).**

**Warning:** do not use these units for the suction of brake oils, fuels and inflammable liquids

# AIR-OPERATED SUCTION-DRAINERS FOR EXHAUSTED OIL

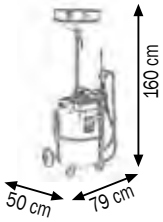


040-1430-000

## Art. 040-1430-000

**Air-operated oil suction-drainer for exhausted oil 65 l**

Tank capacity 65 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 15 l
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)




| | | | |
|---|---|---|---|
| **040-1430-000** | 30,400 | 0,240 | 1 |

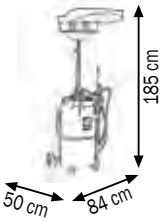


040-1432-000

## Art. 040-1432-000

**Air-operated oil suction-drainer for exhausted oil 90 l**

Tank capacity 90 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 20 l
with ergonomic and **360° swivelling** abs funnel
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)




| | | | |
|---|---|---|---|
| **040-1432-000** | 37,400 | 0,240 | 1 |

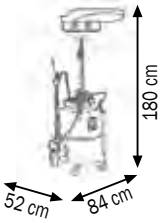


040-1433-000

## Art. 040-1433-000

**Air-operated oil suction-drainer for exhausted oil 120 l**

Tank capacity 120 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 20 l
with ergonomic and **360° swivelling** abs funnel
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art. 044-1479-000)




| | | | |
|---|---|---|---|
| **040-1433-000** | 38,700 | 0,310 | 1 |

| **Technical data** | | **040-1430-000** | **040-1432-000** | **040-1433-000** |
|---|---|---|---|---|
| Air pressure for depressurisation | bar | 7,5 – 8 | 7,5 – 8 | 7,5 – 8 |
| Depressurisation time | l/min | 2’ - 2,5’ | 2,5’ - 3’ | 3’ - 3,5’ |
| Max suction capacity with a depressurisation | l | 43 - 45 | 60 – 65 | 85 – 90 |
| Suction time with Ø 6 and oil at 60 – 80 °C temperature | l/min | 1,5 - 2 | 1,5 - 2 | 1,5 - 2 |
| Suction hose-empting – hose length | m | 2 | 2 | 2 |

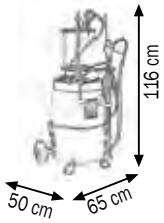
The air-operated oil aspirators are ideal for a rapid changing of motor oil to every vehicle.
The recovery of the exhausted oil is carried out for fall, through the lateral basin adjustable for height, and also through aspiration thanks to the probes.
After depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.
The units can suction till 2/3 of their capacity.
**Change the oil at a temperature of 60°- 80°C (when the engine is just switched off).**
**Warning:** do not use these units for the suction of brake oils, fuels and inflammable liquids

# AIR-OPERATED ASPIRATORS FOR EXHAUSTED OIL WITH PRE-CHAMBER

## Art. 040-1434-000

**Air-operated aspirator for exhausted oil 65 l with pre-chamber**

Tank capacity 65 l with level indicator
Abs tool holder basin with 3 sections
Pre-chamber capacity 10 l
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)




| | Kg | m³ | № |
|---|---|---|---|
| **040-1434-000** | 29,400 | 0,240 | 2 |

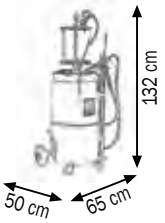


**040-1434-000**

## Art. 040-1435-000

**Air-operated aspirator for exhausted oil 90 l with pre-chamber**

Tank capacity 90 l with level indicator
Abs tool holder basin with 3 sections
Pre-chamber capacity 10 l
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)




| | Kg | m³ | № |
|---|---|---|---|
| **040-1435-000** | 32,200 | 0,290 | 2 |

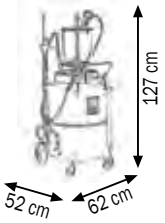


**040-1435-000**

## Art. 040-1438-000

**Air-operated aspirator for exhausted oil 120 l with pre-chamber**

Tank capacity 120 l with level indicator
Abs tool holder basin with 3 sections
Pre-chamber capacity 10 l
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)




| | Kg | m³ | № |
|---|---|---|---|
| **040-1438-000** | 32,300 | 0,310 | 2 |



**040-1438-000**

| Technical data | | 040-1434-000 | 040-1435-000 | 040-1438-000 |
|---|---|---|---|---|
| Air pressure for depressurisation | bar | 7,5 – 8 | 7,5 – 8 | 7,5 – 8 |
| Depressurisation time | l/min | 2' - 2,5' | 2,5' - 3' | 3' - 3,5' |
| Max suction capacity with a depressurisation | l | 43 - 45 | 60 – 65 | 85 – 90 |
| Suction time with Ø 6 and oil at 60 – 80 °C temperature | l/min | 1,5 - 2 | 1,5 - 2 | 1,5 - 2 |
| Suction hose-empting – hose length | m | 2 | 2 | 2 |

The air-operated oil aspirators are ideal for a rapid changing of motor oil to every vehicle.
After depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.
The units can suction till 2/3 of their capacity.
**The pre-chamber permits the immediate control of quantity and quality of the aspirated oil, it is equipped with a device for the internal cleaning.**
**Change the oil at a temperature of 60° - 80°C (when the engine is just switched off).**
**Warning:** It is not possible to suck brake oils, fuels, inflammable and corrosive liquids.

# AIR-OPERATED SUCTION-DRAINERS FOR EXHAUSTED OIL WITH PRE-CHAMBER

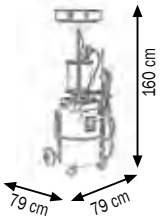


040-1442-000

## Art. 040-1442-000

**Air-operated suction-drainer for exhausted oil 65 l with pre-chamber**

Tank capacity 65 l with level indicator
Abs tool holder basin with 3 sections
Pre-chamber capacity 10 l
Recovery basin capacity 15 l
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)




| | | | |
|---|---|---|---|
| **040-1442-000** | 35,200 | 0,290 | 2 |

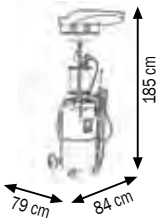


040-1445-000

## Art. 040-1445-000

**Air-operated suction-drainer for exhausted oil 90 l with pre-chamber**

Tank capacity 90 l with level indicator
Abs tool holder basin with 3 sections
Pre-chamber capacity 10 l
Recovery basin capacity 20 l
with ergonomic and **360° swivelling** abs funnel
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)




| | | | |
|---|---|---|---|
| **040-1445-000** | 42,300 | 0,290 | 2 |

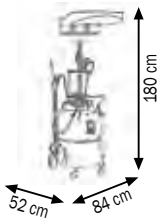


040-1448-000

## Art. 040-1448-000

**Air-operated suction-drainer for exhausted oil 120 l with pre-chamber**

Tank capacity 120 l with level indicator
Abs tool holder basin with 3 sections
Pre-chamber capacity 10 l
Recovery basin capacity 20 l
with ergonomic and **360° swivelling** abs funnel
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)




| | | | |
|---|---|---|---|
| **040-1448-000** | 43,800 | 0,360 | 2 |

| **Technical data** | | **040-1442-000** | **040-1445-000** | **040-1448-000** |
|---|---|---|---|---|
| Air pressure for depressurisation | bar | 7,5 – 8 | 7,5 – 8 | 7,5 – 8 |
| Depressurisation time | l/min | 2' - 2,5' | 2,5' - 3' | 3' - 3,5' |
| Max suction capacity with a depressurisation | l | 43 - 45 | 60 – 65 | 85 – 90 |
| Suction time with Ø 6 and oil at 60 – 80 °C temperature | l/min | 1,5 - 2 | 1,5 - 2 | 1,5 - 2 |
| Suction hose-empting – hose length | m | 2 | 2 | 2 |

The air-operated oil aspirators are ideal for a rapid changing of motor oil to every vehicle.
The recovery of the exhausted oil is carried out for fall, through the lateral basin adjustable for height, and also through aspiration thanks to the probes.
After depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.
The units can suction till 2/3 of their capacity.
**The pre-chamber permits the immediate control of quantity and quality of the aspirated oil, it is equipped with a device for the internal cleaning.**
**Change the oil at a temperature of 60°- 80°C (when the engine is just switched off).**
**Warning:** do not use these units for the suction of brake oils, fuels and inflammable liquids

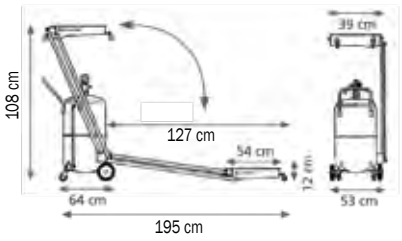
# AIR OPERATED ASPIRATORS-SUCTION DRAINERS FOR EXHAUSTED OIL WITH PANTOGRAPH FOR CARS AND MOTORCYCLES

## Art. 041-1449-000

**Exhausted oil drain units with pantograph 65 l**
**For MOTORCYCLES**

Tank capacity 65 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 14 l on arms pantograph
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Is not equipped with aspiration group and probes

| | Kg | m³ | |
|---|---|---|---|
| **041-1449-000** | 39,600 | 0,450 | 1 |





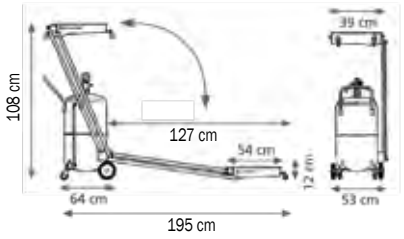

**041-1449-000**

## Art. 041-1451-000

**Exhausted oil aspirators-suction drainer with pantograph 65 l**
**For CARS AND MOTORCYCLES**

Tank capacity 65 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 14 l on arms pantograph
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | |
|---|---|---|---|
| **041-1451-000** | 40,600 | 0,450 | 1 |






**041-1451-000**

| Technical data | | 041-1449-000 | 041-1451-000 |
|---|---|---|---|
| Air pressure for depressurisation | bar | - | 7,5 – 8 |
| Depressurisation time | l/min | - | 2' - 2,5' |
| Max suction capacity with a depressurisation | l | - | 43 - 45 |
| Suction time with Ø 6 and oil at 60 – 80 °C temperature | l/min | - | 1,5 - 2 |
| Suction hose-empting – hose length | m | 2 | 2 |



The air-operated aspirators-suction drainers are used for the recovery of the exhausted oil by fall with tank (14 l), that can be put on the floor or lifted on lifts for vehicles.
After depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.
The units can suction till 2/3 of their capacity.

**Change the oil at a temperature of 60°- 80°C (when the engine is just switched off).**

**Warning:** do not use these units for the suction of brake oils, fuels and inflammable liquids

# AIR-OPERATED OIL SUCTION-DRAINERS FOR EXHAUSTED OIL WITH PANTOGRAPH

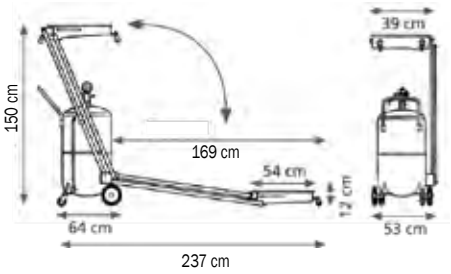


041-1450-000

## Art. 041-1450-000

**Air-operated oil suction-drainer with pantograph 65 l**
Tank capacity 65 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 14 l on arms pantograph
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | | | |
|---|---|---|---|
| **041-1450-000** | 42,600 | 0,450 | 1 |



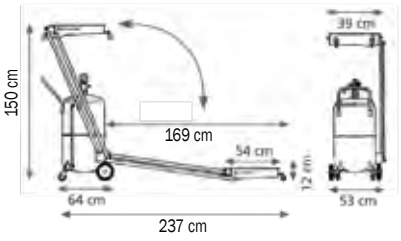



041-1452-000

## Art. 041-1452-000

**Air-operated oil suction-drainer with pantograph 90 l**
Tank capacity 90 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 14 l on arms pantograph
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | | | |
|---|---|---|---|
| **041-1452-000** | 44,400 | 0,450 | 1 |




| Technical data | | 041-1450-000 | 041-1452-000 |
|---|---|---|---|
| Air pressure for depressurisation | bar | 7,5 – 8 | 7,5 – 8 |
| Depressurisation time | l/min | 2’ - 2,5’ | 2,5’ - 3’ |
| Max suction capacity with a depressurisation | l | 43 - 45 | 60 - 65 |
| Suction time with Ø 6 and oil at 60 – 80 °C temperature | l/min | 1,5 - 2 | 1,5 - 2 |
| Suction hose-empting – hose length | m | 2 | 2 |

The air-operated aspirators-suction drainers are used for the recovery of the exhausted oil by fall with tank (14 l),that can be put on the floor or lifted on lifts for vehicles. This operation can be done also through aspiration, after depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.
The units can suction till 2/3 of their capacity.

**Change the oil at a temperature of 60°- 80°C (when the engine is just switched off).**

**Warning:** do not use these units for the suction of brake oils, fuels and inflammable liquids

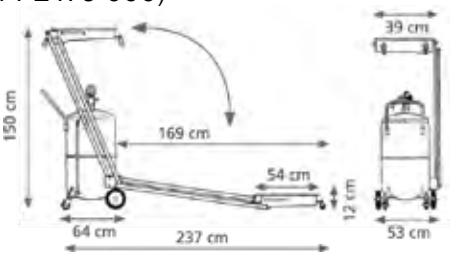
# AIR-OPERATED OIL SUCTION-DRAINERS FOR EXHAUSTED OIL WITH PANTOGRAPH AND PRE-CHAMBER

## Art. 041-1454-000

**Air-operated exhausted oil suction-drainer with pantograph 65 l and pre-chamber**

Tank capacity 65 l with level indicator
Abs tool holder basin with 3 sections
Pre-chamber capacity 10 l
Recovery basin capacity 14 l on arms pantograph
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | Nº |
|---|---|---|---|
| **041-1454-000** | 46,100 | 0,450 | 1 |





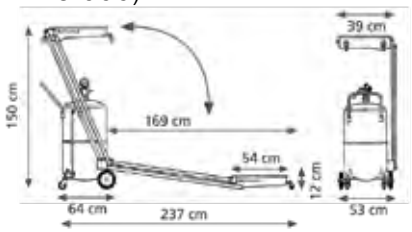

**041-1454-000**

## Art. 041-1455-000

**Air-operated exhausted oil suction-drainer with pantograph 90 l and pre-chamber**

Tank capacity 90 l with level indicator
Abs tool holder basin with 3 sections
Pre-chamber capacity 10 l
Recovery basin capacity 14 l on arms pantograph
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | Nº |
|---|---|---|---|
| **041-1455-000** | 48,500 | 0,450 | 1 |






**041-1455-000**

| Technical data | | 041-1454-000 | 041-1455-000 |
|---|---|---|---|
| Air pressure for depressurisation | bar | 7,5 – 8 | 7,5 – 8 |
| Depressurisation time | l/min | 2' - 2,5' | 2,5' - 3' |
| Max suction capacity with a depressurisation | l | 43 - 45 | 60 - 65 |
| Suction time with Ø 6 and oil at 60 – 80 °C temperature | l/min | 1,5 - 2 | 1,5 - 2 |
| Suction hose-empting – hose length | m | 2 | 2 |

The air-operated aspirators-suction drainers are used for the recovery of the exhausted oil by fall with tank (14 l),that can be put on the floor or lifted on lifts for vehicles. This operation can be done also through aspiration, after depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.
The units can suction till 2/3 of their capacity.
**The pre-chamber permits the immediate control of quantity and quality of the aspirated oil, it is equipped with a device for the internal cleaning.**

**Change the oil at a temperature of 60°- 80°C (when the engine is just switched off).**

**Warning:** do not use these units for the suction of brake oils, fuels and inflammable liquids

# AIR-OPERATED OIL SUCTION-DRAINERS FOR EXHAUSTED OIL WITH PANTOGRAPH

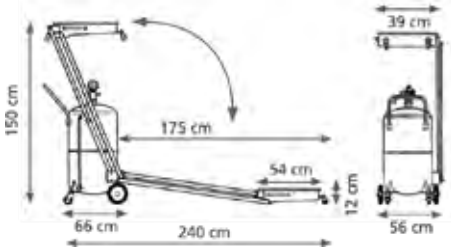


041-1453-000

## Art. 041-1453-000

**Air-operated exhausted oil suction-drainer with pantograph 120 l**
Tank capacity 120 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 14 l on arms pantograph
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | |
|---|---|---|---|
| **041-1453-000** | 45,900 | 0,520 | 1 |



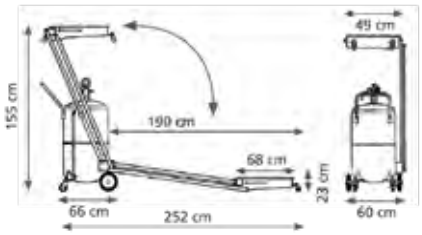



041-1456-000

## Art. 041-1456-000

**Air-operated exhausted oil suction-drainer with pantograph 120 l**
**For TRUCKS**
Tank capacity 120 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 50 l on arms pantograph
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)
Equipped with 10 standard probes (Art.044-1479-000)

| | Kg | m³ | |
|---|---|---|---|
| **041-1456-000** | 55,000 | 0,650 | 1 |




| Technical data | | 041-1453-000 | 041-1456-000 |
|---|---|---|---|
| Air pressure for depressurisation | bar | 7,5 – 8 | 7,5 – 8 |
| Depressurisation time | l/min | 3' - 3,5' | 3' - 3,5' |
| Max suction capacity with a depressurisation | l | 85 - 90 | 85 - 90 |
| Suction time with Ø 6 and oil at 60 – 80 °C temperature | l/min | 1,5 - 2 | 1,5 - 2 |
| Suction hose-empting – hose length | m | 2 | 2 |

The air-operated aspirators-suction drainers are used for the recovery of the exhausted oil by fall with tank (14-50l), that can be put on the floor or lifted on lifts for vehicles. This operation can be done also through aspiration, after depressurization they work autonomously, without the need to be connected to compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes. The units can suction till 2/3 of their capacity.

**Change the oil at a temperature of 60°- 80°C (when the engine is just switched off).**

**Warning:** do not use these units for the suction of brake oils, fuels and inflammable liquids

# WHEELED ASPIRATORS FOR EXHAUSTED OIL WITH PNEUMATIC PUMP

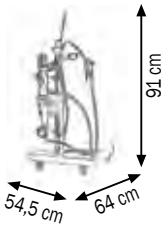
## Art. 042-1410-000

**Wheeled aspirator with pump for drums of 50-60 l**

Composed by:
Art.020-1165-000 Air-operated pump **ratio=1:1**
Equipped with the flow rate adjuster and the vacuum gauge
Art.030-1395-000 4-wheels trolley
Art.044-1479-000 Set 10 standard probes
2 m aspiration – delivery hoses
Art.024-1232-F00 Oil dispensing nozzle with flexible end

| | Kg | m³ | N° |
|---|---|---|---|
| **042-1410-000** | 26,700 | 0,072 | 1 |





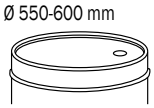

**042-1410-000**

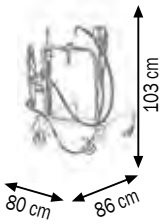
## Art. 042-1411-000

**Wheeled aspirator with pump for drums of 180-220 l**

Composed by:
Art.020-1165-000 Air-operated pump **ratio=1:1**
Equipped with the flow rate adjuster and the vacuum gauge
Art.030-1400-000 4-wheels trolley
Art.044-1479-000 Set 10 standard probes
2 m aspiration – delivery hoses
Art.024-1232-F00 Oil dispensing nozzle with flexible end

| | Kg | m³ | N° |
|---|---|---|---|
| **042-1411-000** | 50,100 | 0,170 | 1 |





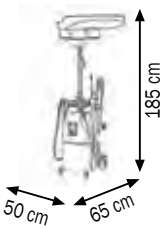

**042-1411-000**

## Art. 042-1412-000

**Air-operated oil suction-drainer 90 l with pneumatic oil pump**

Pneumatic air emptying (max pressure 0,5 bar)
Composed by:
Tank capacity 90 l with level indicator
Abs tool holder basin with 3 sections
Art.020-1165-000 Air-operated pump **ratio=1:1**
Equipped with the flow rate adjuster and the vacuum gauge
Recovery basin capacity 20 l
with ergonomic and **360° swivelling** abs funnel
with breakwater grate to drip the substituted oil filters
Art.044-1479-000 Set 10 standard probes
2 m aspiration – delivery hoses

| | Kg | m³ | N° |
|---|---|---|---|
| **042-1412-000** | 44,000 | 0,240 | 2 |






**042-1412-000**

Suitable for the aspiration of exhausted oil and similar fluids from every motor vehicle.
When you reverse the position of the two hoses the aspirator can deliver the aspirated fluids.

**Warning**: It is not possible to suck brake oils, fuels, inflammable and corrosive liquids.

# WALL-FIXING ASPIRATORS FOR EXHAUSTED OIL WITH PNEUMATIC PUMP



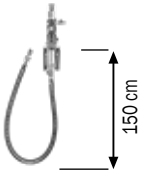
042-1304-000

## Art. 042-1304-000

**Wall-fixing aspirator for emptying exhausted oil aspirator/suction-drainer**

Composed by:

Art.020-1168-000 Air-operated pump r**atio=1:1**
Equipped with the flow rate adjuster and the vacuum gauge
Art.R34-0002-006 Y-shaped in-line F-F 1”
Art.F96-0100-606 Nipple 1”BSP-1”BSP
Art.025-1265-000 Wall-fixing bracket
Art.910-0600-020 Flex hose Ø 25mm 2m
Art.B27-1132-035 n 2 stainless steel screw clamps 32-35 mm
Art.R18-0855-255 Rubber connection M 1” Ø 25mm
Art.F96-0500-005 Quick disconnect coupling female 3/4”
Art.F96-0502-005 Quick disconnect coupling male 3/4”




| | Kg | m³ | Nº |
|---|---|---|---|
| 042-1304-000 | 10,600 | 0,072 | 1 |



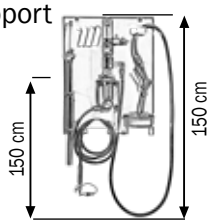
042-1413-000

## Art. 042-1413-000

**Wall-fixing aspirator for exhausted oil with pump**

Composed by:

Art.020-1168-000 Air-operated pump **ratio=1:1**
Equipped with the flow rate adjuster and the vacuum gauge
Art.025-1265-000 Wall-fixing bracket
Art.042-5805-010 Wall plate with drip tray
Art.044-1479-A00 Probe holder fitting with lever valve
Art.044-1479-000 Set 10 standard probes
Art.044-1498-000 Probe Ø 12 mm
Art.044-1505-000 Wall-fixing holder for probes
Art.916-0411-040 spirac 4m aspiration Ø 12 M-M 1/4 – delivery hose
Art.906-0404-040 1SC 1/2” hose M-F 4 m with plastic support
Art.024-1232-F00 Oil dispensing nozzle with flexible end




| | Kg | m³ | Nº |
|---|---|---|---|
| 042-1413-000 | 29,500 | 0,031 | 2 |



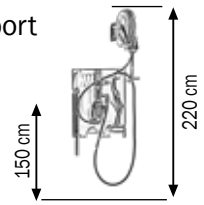
042-1414-000

## Art. 042-1414-000

**Wall-fixing aspirator for exhausted oil with pump**

Composed by:

Art.020-1168-000 Air-operated pump **ratio=1:1**
Equipped with the flow rate adjuster and the vacuum gauge
Art.071-1206-410 Swiveling hose reel with 1SC 1/2” hose 10m length
Art.025-1265-000 Wall-fixing bracket
Art.042-5805-010 Wall plate with drip tray
Art.044-1479-A00 Probe holder fitting with lever valve
Art.044-1479-000 Set 10 standard probes
Art.044-1498-000 Probe Ø 12 mm
Art.044-1505-000 Wall-fixing holder for probes
Art.906-0424-015 1SC 1/2” hose F-F 1,5m length
Art.906-0404-040 1SC 1/2” hose M-F 4 m with plastic support
Art.024-1232-F00 Oil dispensing nozzle with flexible end




| | Kg | m³ | Nº |
|---|---|---|---|
| 042-1414-000 | 47,300 | 0,083 | 3 |

**ATTENTION: It is necessary to loosen the working of the pump through the flux adjuster to maintain the vacuum gauge in the optimal position of – 0,6.**

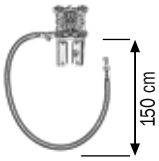
**Warning:** It is not possible to suck brake oils, fuels, inflammable and corrosive liquids

## Art. 042-1417-000

**Wall-fixing aspirators with air-operated diaphragm pump for emptying exhausted oil aspirator/suction-drainer**

Composed by:
Art.028-A110-AB1 Aluminium diaphragm pump **R= 1:1 110 l/min**
Art.025-1266-001 Wall-fixing bracket
Art.R34-0002-005 Y-shaped brass in-line filter F-F 3/4”
Art.F96-0100-505 Nipple 3/4”BSP-3/4”BSP
Art.910-0600-020 Flex hose Ø 25 mm 2 m lenght
Art.B27-1132-035 n 2 stainless steel screw clamps 32-35 mm
Art.R18-0803-255 n 2 Rubber connection M 3/4” Ø 25mm
Art.F96-0500-005 Quick disconnect coupling female 3/4”
Art.F96-0502-005 Quick disconnect coupling male 3/4”


042-1417-000



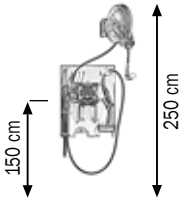

| | | | |
|---|---|---|---|
| **042-1417-000** | 12,700 | 0,072 | 1 |

## Art. 042-1415-000

**Aspirators with wall-fixing air-operated diaphragm pump for exhausted oil**

Composed by:
Art.028-A110-AB1 Aluminium diaphragm pump **R= 1:1 110 l/min**
Equipped with the flow rate adjuster and the vacuum gauge
Art.025-1266-001 Wall-fixing bracket
Art.042-5805-010 Wall plate with drip tray
Art.071-1206-410 Swiveling hose reel with 1SC 1/2” hose 10m length
Art.044-1479-A00 Probe holder fitting with lever valve
Art.044-1479-000 Set 10 standard probes
Art.044-1498-000 Probe Ø 12 mm
Art.044-1505-000 Wall-fixing holder for probes
Art.F96-0100-504 n2 Nipple 3/4”BSP-1/2”BSP
Art.906-0424-015 1SC 1/2” hose F-F 1,5m length
Art.906-0404-040 1SC 1/2” hose M-F 4 m lenght
Art.024-1232-F00 Oil dispensing nozzle with flexible end


042-1415-000



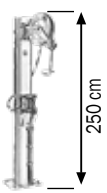

| | | | |
|---|---|---|---|
| **042-1415-000** | 47,000 | 0,100 | 4 |

## Art. 042-1416-000

**Aspirators support with air-operated diaphragm pump for exhausted oil**

Composed by:
Art.023-1968-001 Service support
Art.028-A110-AB1 Aluminium diaphragm pump **R= 1:1 110 l/min**
Equipped with the flow rate adjuster and the vacuum gauge
Art.025-1266-001 Wall-fixing bracket
Art.071-1206-410 Swiveling hose reel with 1SC 1/2” hose 10m length
Art.044-1479-A00 Probe holder fitting with lever valve
Art.044-1479-000 Set 10 standard probes
Art.044-1498-000 Probe Ø 12 mm
Art.044-1505-000 Wall-fixing holder for probes
Art.F96-0100-504 n2 Nipple 3/4”BSP-1/2”BSP
Art.906-0424-015 1SC 1/2” hose F-F 1,5m length
Art.906-0404-040 1SC 1/2” hose M-F 4 m


042-1416-000




| | | | |
|---|---|---|---|
| **042-1416-000** | 88,300 | 0,660 | 4 |



042-1500-170

## Art. 042-1500-170

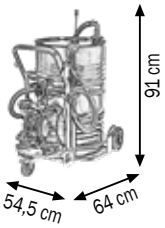
**Wheeled kit with air-operated diaphragm pump for suction-transfer oil**

Equipped with:

Art.028-A170-AB1 Diaphragm pump of aluminium **R=1:1** 1" 170 l/min
Art.030-1398-000 3-wheels trolley for drums of 180-220 l
Art.F96-0800-006 4 ways evacuation valve F1"
Art.F96-0100-604 Nipple 1" 1/2"BSP
Art.F96-0100-606 Nipple 1" 1"BSP
Art.R18-1250-006 n3 stainless steel connection 90° M-F 1"
Art.R18-0803-256 n3 Rubber connection M 1" Ø 25mm
Art.044-1479-A00 Probe holder fitting with lever valve
Art.044-1485-000 Flexible probe Ø 8 l 800 mm
Art.044-1502-000 Flexible probe Ø 12 l 800 mm
Art.044-1505-000 Probe holder tube
Art.025-1270-094 Suction kit flex hose 2 m + threaded
Art.906-0404-030 1SC 1/2" hose M-F 3,0 m lenght
Art.911-0500-011 Spiral suction hose 20x25 1,10 m lenght
Art.B27-1120-032 n2 stainless steel hose clamp 20x32 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **042-1500-170** | 50,900 | 0,230 | 3 |






042-1510-110

## Art. 042-1510-110

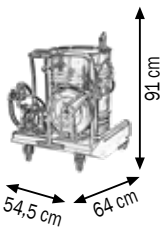
**Wheeled kit with air-operated diaphragm pump for suction-transfer oil**

Equipped with:

Art.028-A110-AB1 Diaphragm pump of aluminium **R=1:1** 1" 110 l/min
Art.030-1405-000 4-wheels trolley for drums of 180/220 l
Art.042-0005-001 Bracket support pumps and hose reel 773x185 mm
Art.070-1206-410 Hose reel with 1SC 1/2" hose 10,0 m lemght
Art.F96-0800-006 4 ways evacuation valve F1"
Art.F96-0100-604 Nipple 1" 1/2"BSP
Art.F96-0100-605 Nipple 1" 3/4"BSP
Art.R18-1250-006 n3 stainless steel connection 90° M-F 1"
Art.R18-0803-256 n2 Rubber connection M 1" Ø 25mm
Art.044-1479-A00 Probe holder fitting with lever valve
Art.044-1485-000 Flexible probe Ø 8 l 800 mm
Art.044-1502-000 Flexible probe Ø 12 l 800 mm
Art.044-1505-000 Probe holder tube
Art.025-1270-094 Suction kit flex hose 2 m + threaded
Art.906-0424-010 1SC 1/2" hose F-F 1,0 m lenght
Art.911-0500-011 Spiral suction hose 20x25 1,10 m lenght
Art.B27-1120-032 n2 stainless steel hose clamp 20x32 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| **042-1510-110** | 90,500 | 0,220 | 3 |



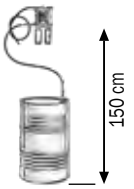



## Art. 042-1550-055

**wall-fixing kit diaphragm pumps mod. A55 for transfer oil**

Equipped with:
Art.028-A055-AB1 Diaphragm pump of aluminium **R=1:1** 1/2" 55 l/min
Art.025-1266-001 Wall-fixing bracket
Art.R34-0002-004 Y-shaped brass in-line filter F 1/2"
Art.F96-0100-404 N.2 nipple 1/2" 1/2"BSP
Art.906-0404-015 1SC 1/2" hose M-F l 1,5 m
Art.906-0424-020 1SC 1/2" hose F-F l 2,0 m
Art.A28-1274-094 Ø 30 suction tube 940 mm lenght with threaded ring

| | Kg | m³ | № |
|---|---|---|---|
| **042-1550-055** | 12,500 | 0,040 | 3 |





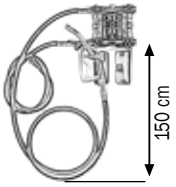

**042-1550-055**

## Art. 042-1550-110

**wall-fixing kit diaphragm pumps mod. A110 for transfer oil**

Equipped with:
Art.028-A110-AB1 Diaphragm pump of aluminium **R=1:1** 3/4" 110 l/min
Art.025-1266-001 Wall-fixing bracket
Art.R34-0002-005 Y-shaped brass in-line filter F 3/4"
Art.F96-0100-505 N.2 nipple 3/4" 3/4"BSP
Art.F96-0100-605 Reduced nipple 1"- 3/4"BSP
Art.906-0505-030 1SC 3/4" hose M-F l 3,0 m
Art.906-0525-020 1SC 3/4" hose F-F l 2,0 m
Art.093-5200-000 Aluminium manual nozzle MC80

| | Kg | m³ | № |
|---|---|---|---|
| **042-1550-110** | 17,800 | 0,063 | 3 |





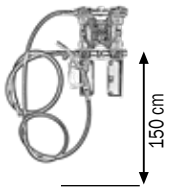

**042-1550-110**

## Art. 042-1550-170

**wall-fixing kit diaphragm pumps mod. A170 for transfer oil**

Equipped with:
Art.028-A170-AB1 Diaphragm pump of aluminium **R=1:1** 1" 170 l/min
Art.025-1266-002 Wall-fixing bracket
Art.R34-0002-006 Y-shaped brass in-line filter F 1"
Art.F96-0100-606 N.2 nipple 1"- 1"BSP
Art.F96-0100-605 Reduced nipple 1"- 3/4" BSP
Art.F96-0300-605 Plug reduction M1"- F 3/4" BSP
Art.906-0505-030 1SC 3/4" hose M-F l 3,0 m
Art.906-0626-020 1SC 1" hose F-F l 2,0 m
Art.093-5200-000 Aluminium manual nozzle MC80

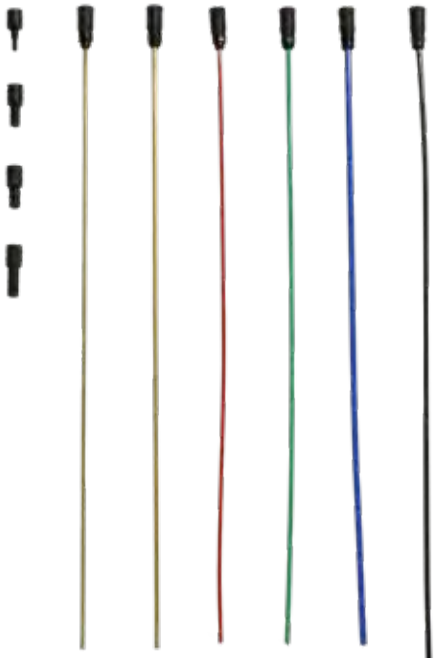
| | Kg | m³ | № |
|---|---|---|---|
| **042-1550-170** | 29,800 | 0,082 | 3 |






**042-1550-170**

# PROBES FOR AIR-OPERATED OIL ASPIRATORS



044-1479-000

**Art. 044-1479-000**
**Set 10 standard probes supplied with the oil aspirators**
Composed by:

**Art. 044-1480-000** Connection suitable for **Volkswagen – AUDI** engine-incorporated probes

**Art. 044-1481-000** Connection suitable for **BMW** engine-incorporated probes

**Art. 044-1481-B00** Connection suitable for **JTD – FIAT** engine-incorporated probes

**Art. 044-1481-C00** Connection suitable for **Citroën-Peugeot** engine-incorporated probes

**Art. 044-1482-000** Flexible probe Ø 5 mm 800 mm

**Art. 044-1483-000** Flexible probe Ø 6 mm 800 mm

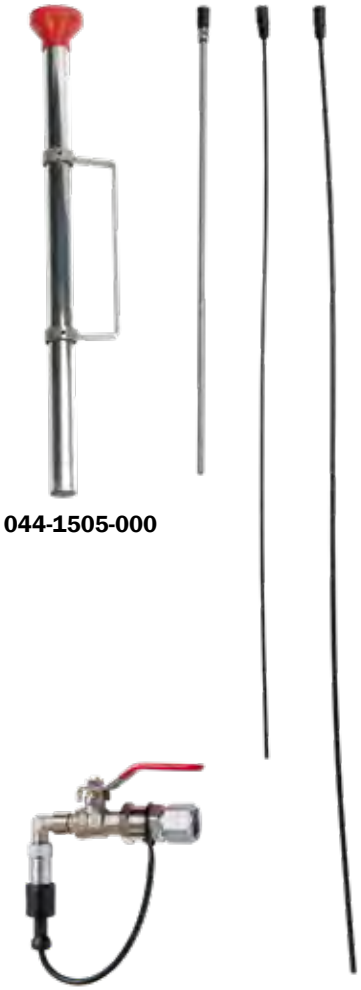
**Art. 044-1484-000** Flexible probe Ø 7 mm 1000 mm

**Art. 044-1485-000** Flexible probe Ø 8 mm 800 mm

**Art. 044-1488-000** Metallic probe Ø 5 mm 800 mm

**Art. 044-1489-000** Metallic probe Ø 6 mm 800 mm

**The same probes are available as single items**



044-1505-000

044-1479-A00

**Probes on request**

**Art. 044-1490-000** Flexible probe Ø 8 mm 1000 mm

**Art. 044-1491-000** Flexible probe Ø 5 mm 1200 mm

**Art. 044-1492-000** Flexible probe Ø 6 mm 1200 mm

**Art. 044-1493-000** Flexible probe Ø 7 mm 1200 mm

**Art. 044-1494-000** Flexible probe Ø 8 mm 1200 mm

**Art. 044-1497-000** Flexible probe Ø 8 mm 1500 mm

**Art. 044-1498-000** Flexible probe Ø 12 mm 800 mm

**Art. 044-1500-000** STAINLESS STEEL probe Ø 8 mm 800 mm

**Art. 044-1501-000** STAINLESS STEEL probe Ø 10 mm 800 mm

**Art. 044-1502-000** STAINLESS STEEL probe Ø 12 mm 800 mm

**Art. 044-1505-000** Wall-fixing support for probes

**Art. 044-1479-A00** Connection for probes with lever valve

# EXHAUSTED OIL DRAIN UNITS

For the recovery by fall of exhausted oil of the engine, the transmission and the differential of motor-vehicles on lifts.
The basin is equipped with a grate of support to drip the substituted filters, and it can be regulated according to the height.

Exhausted oil drain units suitable for the fall recovery of oils of motors, transmissions and differential gears for lorries on pits

Wheeled exhausted oil drain units for floor suitable for the fall recovery of oils of motors, transmissions and differential gears of lorries.



# EXHAUSTED OIL DRAIN UNITS

For the recovery by fall of exhausted oil of the engine, the transmission and the differential of motor-vehicles on lifts. The basin is equipped with a grate of support to drip the substituted filters, and it can be regulated according to the height.



# OIL DRAIN UNITS INDEX




DRAIN UNITS page 248



WHEELED DRAIN UNITS page 249



RECOVERY BASINS page 249



DRAIN UNITS FOR PITS page 250



EXHAUSTED OIL DRAIN UNIT FOR PITS WITH PANTOGRAPH page 253



DRAIN UNITS FOR GROUND page 254




TANK FOR THE COLLECTION OF EXHAUSTED MOTOR OIL “Ecoil Duplex” page 256



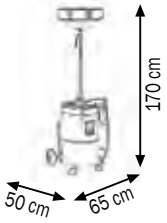
045-1462-000

## Art. 045-1462-000

**Exhausted oil drain unit 65 l**

Tank capacity 65 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 15 l
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)

| | Kg | m³ | № |
|---|---|---|---|
| 045-1462-000 | 26,900 | 0,220 | 1 |






045-1460-000

## Art. 045-1460-000

**Exhausted oil drain unit 90 l**

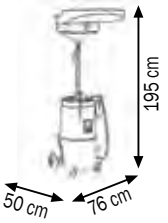
Tank capacity 90 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 20 l
with ergonomic and **360° swivelling** abs funnel
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)

## Art. 045-1460-E00

**Exhausted oil drain unit 90 l**

Composed like Art.045-1460-000 but with:
Recovery basin capacity 15 l

| | Kg | m³ | № |
|---|---|---|---|
| 045-1460-000 | 33,500 | 0,240 | 2 |
| 045-1460-E00 | 29,500 | 0,240 | 1 |





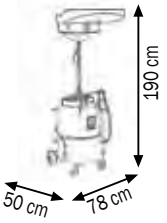

045-1465-000

## Art. 045-1465-000

**Exhausted oil drain unit 120 l**

Tank capacity 120 l with level indicator
Abs tool holder basin with 3 sections
Recovery basin capacity 20 l
with ergonomic and **360° swivelling** abs funnel
with breakwater grate to drip the substituted oil filters
Pneumatic air emptying (max pressure 0,5 bar)

| | Kg | m³ | № |
|---|---|---|---|
| 045-1465-000 | 33,800 | 0,310 | 2 |




| Technical data | | 045-1462-000 | 045-1460-000 | 045-1460-E00 | 045-1465-000 |
|---|---|---|---|---|---|
| Basin dimensions | mm | ø 450 | 760X705 | ø 450 | 760X705 |
| Minimum height | mm | 1000 | 1200 | 1200 | 1200 |
| Maximum height | mm | 1700 | 1850 | 1850 | 1850 |
| Empting hose length | mm | 2 | 2 | 2 | 2 |

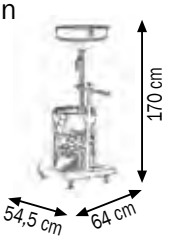
For the recovery by fall of exhausted oil of the engine, the transmission and the differential of motor-vehicles on lifts.
The basin is equipped with a grate of support to drip the substituted filters, and it can be regulated according to the height.
**Warning**: It is not possible to recovery brake oils, fuels, inflammable and corrosive liquids.

## Art. 045-1470-000

**Wheeled exhausted oil drain unit suitable for drums 50–60 l**

Composed by:
Art.030-1395-000 4-wheels trolley
Art.049-1477-000 Metal basin 15 l
with breakwater grate to drip the substituted oil filters
Art.025-1260-000 2" G threaded ring for drum connection

| | | | |
|---|---|---|---|
| **045-1470-000** | 21,100 | 0,111 | 2 |





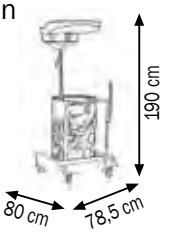

**045-1470-000**

## Art. 045-1475-000

**Wheeled exhausted oil drain unit suitable for barrels 180–220 l**

Composed by:
Art.030-1400-000 4-wheels trolley
Art.049-1478-000 Metal basin 20 l
with ergonomic and **360° swivelling** abs funnel
with breakwater grate to drip the substituted oil filters
Art.025-1262-000 2" G threaded ring for drum connection

| | | | |
|---|---|---|---|
| **045-1475-000** | 46,500 | 0,209 | 2 |






**049-1475-000**

## Art. 049-1477-000

**15 l recovery basin**

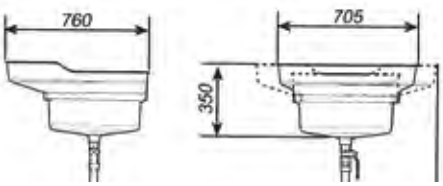
Composed by:
Metal basin 15 l
with breakwater grate to drip the substituted oil filters
Ø 30 L 750 mm hose with 3/4" G valve
2" G threaded ring for drum connection

## Art. 049-1478-000

**20 l recovery basin**

Composed by:
Metal basin 20 l
with ergonomic and **360° swivelling** abs funnel
with breakwater grate to drip the substituted oil filters
Ø 42 L 750 mm hose with 1" G valve
2" G threaded ring for drum connection

| | | | |
|---|---|---|---|
| **049-1477-000** | 7,500 | 0,049 | 2 |
| **049-1478-000** | 9,500 | 0,052 | 2 |






**049-1477-000** **049-1478-000**

For the recovery by fall of exhausted oil of the engine, the transmission and the differential of motor-vehicles on lifts.
The basin is equipped with a grate of support to drip the substituted filters, and it can be regulated according to the height.
**Warning**: It is not possible to recovery brake oils, fuels, inflammable and corrosive liquids.

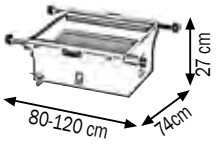


046-1457-000

## Art. 046-1457-000

**Exhausted oil drain unit for pits 90 l**
Tank capacity 90 l
Equipped with:
Breakwater grate on the base of the tank
Breakwater grate to drip the substituted oil filters
Adjustable wheeled supports (min 800 – max 1200 mm)
F 3/4” G exhaust ball valve

| | Kg | m³ | № |
|---|---|---|---|
| 046-1457-000 | 30,200 | 0,152 | 1 |






046-1457-G00

## Art. 046-1457-G00

**Exhausted oil drain unit for pits 120 l**
Tank capacity 120 l
Equipped with:
Breakwater grate on the base of the tank
Breakwater grate to drip the substituted oil filters
Adjustable wheeled supports (min 800 – max 1200 mm)
F 3/4” exhaust ball valve

| | Kg | m³ | № |
|---|---|---|---|
| 046-1457-G00 | 38,400 | 0,234 | 1 |



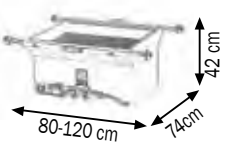



046-1457-GP0

## Art. 046-1457-GP0

**Exhausted oil drain unit for pits 120 l**
**With emptying pump**
Tank capacity 120 l
Equipped with:
Art.020-1165-000 Air-operated oil pump **ratio=1:1**
Breakwater grate on the base of the tank
Breakwater grate to drip the substituted oil filters
Adjustable wheeled supports (min 800 – max 1200 mm)
F 3/4” G exhaust ball valve
Art.F96-0500-004 Female quick disconnect coupling 1/2” G
Art.F96-0502-004 Male quick disconnect coupling 1/2” G

| | Kg | m³ | № |
|---|---|---|---|
| 046-1457-GP0 | 44,000 | 0,234 | 1 |




Exhausted oil drain units suitable for the fall recovery of oils of motors, transmissions and differential gears of lorries on pits. The tank is equipped with breakwater and anti-reflux grate ideal as a support to drip the substituted oil filters.
The recovery exhausted oil can be transferred from the drain unit to the tank collection through an emptying pump connected to the fix system or directly assembled on the tank.

## Art. 047-1460-P00

**Exhausted oil drain unit for pits with pantograph**
Equipped with:
Recovery basin capacity 30 l 700X300X200 mm
with double lid equipped with handles
Art.020-1198-000 Air-operated oil pump **ratio=5:1 28 l/min**
Pressure regulators with lubricating filter and pressure gauge
Oil filter connection F-F 1.1/4”
Pneumatic cylinder for tank lifting
Lever to operate the pneumatic cylinder
Suction and delivery hose kit
Female quick disconnect coupling 3/4”
Male quick disconnect coupling 3/4”
Nylon support wheel Ø 125
2 trolleys with 4 ball wheels for rail C40



047-1460-P00

| | Kg | m³ | Nº |
|---|---|---|---|
| **047-1460-P00** | 104,200 | 1,00 | 1 |





## ACCESSORIES

## Art. 047-1465-040

**Guide rail for drain unit 40X40X2,5 l 4,0 m**



047-1465-040

## Art. 047-1466-040

**4-wheel trolley for guide rail C 40**



047-1466-040

## Art. 047-1467-040

**Rail coupling support bracket C40**



047-1467-040

## Art. 047-1468-040

**Limit switch bracket for rail C40**



047-1468-040

## Art. 047-1469-040

**Support bracket rail C40 for ceiling fixing**



047-1469-040

| | Kg | m³ | Nº |
|---|---|---|---|
| **047-1465-040** | 10,100 | 0,010 | 1 |
| **047-1466-040** | 0,490 | 0,007 | 1 |
| **047-1467-040** | 0,740 | 0,007 | 1 |
| **047-1468-040** | 0,270 | 0,007 | 1 |
| **047-1469-040** | 0,560 | 0,007 | 1 |

# WHEELED EXHAUSTED OIL DRAIN UNITS FOR FLOOR

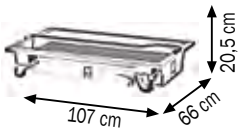


047-1459-000

## Art. 047-1459-000

**Wheeled exhausted oil drain unit 60 l**

Tank capacity 60 l
Equipped with:
Breakwater grate on the base of the tank
Breakwater grate to drip the substituted oil filters
2 swiveling wheels Ø 80 mm
2 fixed wheels Ø 100 mm
F 3/4" G exhaust ball valve




| | Kg | m³ | Nº |
|---|---|---|---|
| 047-1459-000 | 25,600 | 0,145 | 1 |

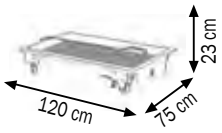


047-1459-G00

## Art. 047-1459-G00

**Wheeled exhausted oil drain unit 120 l**

Tank capacity 120 l
Equipped with:
Breakwater grate on the base of the tank
Breakwater grate to drip the substituted oil filters
2 swiveling wheels Ø 80 mm
2 fixed wheels Ø 100 mm
F 3/4" G exhaust ball valve




| | Kg | m³ | Nº |
|---|---|---|---|
| 047-1459-G00 | 40,900 | 0,203 | 1 |

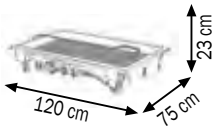


047-1459-GP0

## Art. 047-1459-GP0

**Wheeled exhausted oil drain unit 120 l**
**With emptying pump**

Tank capacity 120 l
Equipped with:
Art.020-1165-000 Air-operated oil pump **ratio=1:1**
Breakwater grate on the base of the tank
Breakwater grate to drip the substituted oil filters
2 swiveling wheels Ø 80 mm
2 fixed wheels Ø 100 mm
F 3/4" G exhaust ball valve
Art.F96-0500-004 Female quick disconnect coupling 1/2" G
Art.F96-0502-004 Male quick disconnect coupling 1/2" G




| | Kg | m³ | Nº |
|---|---|---|---|
| 047-1459-GP0 | 46,500 | 0,203 | 1 |

Exhausted oil wheeled drain units for floor suitable for the fall recovery of oils of motors, transmissions and differential gears of lorries.
The tank is equipped with breakwater and anti-reflux grate ideal as a support to drip the substituted oil filters.
The recovery exhausted oil can be transferred from the drain unit to the tank collection through an emptying pump connected to the fix system or directly assembled on the tank.

# WHEELED EXHAUSTED OIL DRAIN UNITS FOR FLOOR

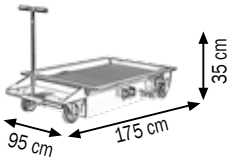
## Art. 047-1459-200

**Wheeled exhausted oil drain unit 200 l**

Tank capacity 200 l
Equipped with:
T-handle for handling
Breakwater grate on the base of the tank
Breakwater grate to drip the substituted oil filters
2 swiveling wheels Ø 180 mm (one is equipped with locking device)
2 fixed wheels Ø 180 mm
F 1”G exhaust ball valve



**047-1459-200**




| | | | |
|---|---|---|---|
| **047-1459-200** | 84,200 | 0,650 | 1 |

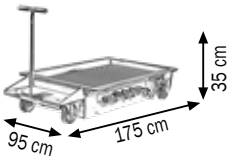
## Art. 047-1459-2P0

**Wheeled exhausted oil drain unit 200 l**
**With emptying pump**

Tank capacity 200 l
Equipped with:
Art.020-1165-000 Air-operated oil pump **ratio=1:1**
T-handle for handling
Breakwater grate on the base of the tank
Breakwater grate to drip the substituted oil filters
2 swiveling wheels Ø 180 mm (one is equipped with locking device)
2 fixed wheels Ø 180 mm
F 1”G exhaust ball valve
Art.F96-0500-004 Female quick disconnect coupling 1/2”G
Art.F96-0502-004 Male quick disconnect coupling 1/2”G



**047-1459-2P0**




| | | | |
|---|---|---|---|
| **047-1459-2P0** | 90,300 | 0,650 | 1 |

Exhausted oil wheeled drain units for floor suitable for the fall recovery of oils of motors, transmissions and differential gears of lorries.
The tank is equipped with breakwater and anti-reflux grate ideal as a support to drip the substituted oil filters.
The recovery exhausted oil can be transferred from the drain unit to the tank collection through an emptying pump connected to the fix system or directly assembled on the tank.

# TANKS FOR THE COLLECTION OF EXHAUSTED MOTOR OIL “Ecoil”




049-1500-300

## Art. 049-1500-300

**Tank for the collection of exhausted Motor Oil “Ecoil”**
**Tank capacity: 300 l**
Made of high density polyethylene
Consisting of 2 tanks, one internal for containment an one external with a safety function
In the upper part it is equipped with a large hatch with hinged lid, inside there’s the perforated surface which serves as a filters’ strainer
Equipped with externally visible level indicator
Monitoring light in the interspace
Suitable for installation also outdoors
Dimensions: A 820 X H 1080 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 049-1500-300 | 30,00 | 0,60 | 1 |







049-1500-500

## Art. 049-1500-500

**Tank for the collection of exhausted Motor Oil “Ecoil”**
**Tank capacity: 500 l**
Made of high density polyethylene
Consisting of 2 tanks, one internal for containment an one external with a safety function
In the upper part it is equipped with a large hatch with hinged lid, inside there’s the perforated surface which serves as a filters’ strainer
Equipped with externally visible level indicator
Monitoring light in the interspace
Suitable for installation also outdoors
Dimensions: A 960 X H 1240 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 049-1500-500 | 42,00 | 1,04 | 1 |






Filters’ strainer compartment



Externally visible level indicator




Monitoring light in the interspace

The containers are made in compliance with LD 27/01/1992, n.95, and with DM n.392 of 16/05/1996, they also comply with the implementation of directives 75/439 / EEC and 87/10 / EEC relating to disposal of exahausted oils.

# PRESSURE SPRAYERS - WASHING COLLECTOR

Equipment suitable for the nebulisation of low density lubricating oils, detergents, sterilizers, and so on. When they are filled with liquid for 3/4 of their capacity and air is put inside at 6-8 bar they work automatically without any continuous link to compressed air.

They are suitable for the washing of mechanical parts and items in general. The air-operated working at low pressure (max 0,5 bar) allows the washing with brush with continuous flux, or the washing of the items plunged in the liquid directly in the tank. The lid can be removed and so it is possible to work better.



Equipment suitable for the nebulisation of low density lubricating oils, detergents, sterilizers, and so on. When they are filled with liquid for 3/4 of their capacity and air is put inside at 6-8 bar they work automatically without any continuous link to compressed air.

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AISI 304-316 STAINLESS STEEL PRESSURE SPRAYERS page 260



VARNISHED PRESSURE SPRAYERS page 261



AISI 304-316 STAINLESS STEEL PRESSURE SPRAYERS WITH FOAMING DEVICE page 262



VARNISHED PRESSURE SPRAYERS WITH FOAMING DEVICE page 263



ACCESSORIES FOR PRESSURE SPRAYERS page 264



LEATHER SQUEEZER page 266



WASHING COLLECTOR page 266

# STAINLESS STEEL PRESSURE SPRAYERS

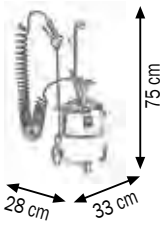


050-1508-000

## Art. 050-1508-000

**AISI 304 stainless steel pressure sprayer 16 l**
Tank capacity 16 l with lever indicator
Equipped with:
Art.053-1537-000 10 m RILSAN spring hose
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe
Manometer with stainless steel case

| | Kg | m³ | № |
|---|---|---|---|
| 050-1508-000 | 9,600 | 0,074 | 1 |



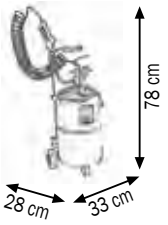



050-1510-000

## Art. 050-1510-000

**AISI 304 stainless steel pressure sprayer 24 l**
Tank capacity 24 l with lever indicator
Equipped with:
Art.053-1537-000 10 m RILSAN spring hose
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe
Manometer with stainless steel case

| | Kg | m³ | № |
|---|---|---|---|
| 050-1510-000 | 9,900 | 0,074 | 1 |



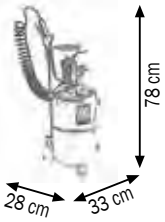



050-1511-000

## Art. 050-1511-000

**AISI 316 stainless steel pressure sprayer 24 l**
**Ideal for corrosive liquids and chemical products**
Tank capacity 24 l with lever indicator
Equipped with:
Art.053-1537-000 10 m RILSAN spring hose
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe
Manometer with stainless steel case
**AISI 316 stainless steel connections**
**Viton seals**

| | Kg | m³ | № |
|---|---|---|---|
| 050-1511-000 | 9,700 | 0,074 | 1 |



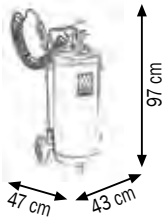



050-1515-000

## Art. 050-1515-000

**AISI 304 stainless steel pressure sprayer 50 l**
Tank capacity 50 l with lever indicator
Equipped with:
Art.053-1537-000 10 m RILSAN spring hose
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe
Manometer with stainless steel case

| | Kg | m³ | № |
|---|---|---|---|
| 050-1515-000 | 20,000 | 0,196 | 1 |




Equipment suitable for the nebulisation of low density lubricating oils, detergents, disinfectants, and so on. When they are filled with liquid for 3/4 of their capacity and air is put inside at 6-8 bar they work automatically without any continuous link to compressed air.

**ATTENTION! Do not use inflammable and corrosive liquids.**

## Art. 050-1520-000

**Varnished steel pressure sprayer 24 l**

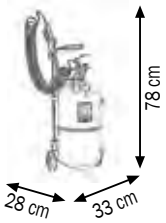
Tank capacity 24 l with lever indicator

Equipped with:

Art.053-1537-000 10 m RILSAN spring hose

Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

| | Kg | m³ | № |
|---|---|---|---|
| **050-1520-000** | 11,500 | 0,074 | 1 |






**050-1520-000**

## Art. 050-1525-000

**Varnished steel pressure sprayer 50 l**

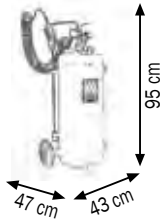
Tank capacity 50 l with lever indicator

Equipped with:

Art.053-1537-000 10 m RILSAN spring hose

Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

| | Kg | m³ | № |
|---|---|---|---|
| **050-1525-000** | 22,800 | 0,196 | 1 |






**050-1525-000**

## Art. 050-1530-000

**Varnished steel pressure sprayer 100 l**

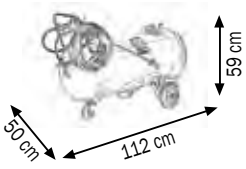
Tank capacity 100 l with lever indicator

Equipped with:

Art.053-1537-000 10 m RILSAN spring hose

Art.053-1542-000 Spray gun with 750 mm stainless steel pipe

| | Kg | m³ | № |
|---|---|---|---|
| **050-1530-000** | 39,100 | 0,360 | 1 |






**050-1530-000**

Equipment suitable for the nebulisation of low density lubricating oils, detergents, disinfectants, and so on. When they are filled with liquid for 3/4 of their capacity and air is put inside at 6-8 bar they work automatically without any continuous link to compressed air.

**ATTENTION! Do not use inflammable and corrosive liquids.**

# STAINLESS STEEL PRESSURE SPRAYERS WITH FOAMING DEVICE

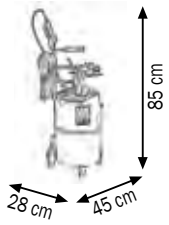


051-1512-000

## Art. 051-1512-000

**AISI 304 stainless steel pressure sprayer 24 l**
**With foaming device**
Tank capacity 24 l with lever indicator
Equipped with:
Art.053-1538-000 8x13 8 m length pvc hose
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe
Art.053-1554-000 Foaming coupler super
Manometer with stainless steel case

| | | | |
|---|---|---|---|
| **051-1512-000** | 11,200 | 0,074 | 1 |



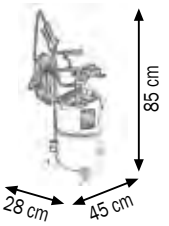



051-1513-000

## Art. 051-1513-000

**AISI 316 Stainless steel pressure sprayer 24 l**
**With foaming device**
**Ideal for corrosive liquids and chemical products**
Tank capacity 24 l with lever indicator
Equipped with:
Art.053-1538-000 8x13 8 m length pvc hose
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe
Art.053-1554-000 Foaming coupler super
Manometer with stainless steel case
**AISI 316 stainless steel connections**
**Viton seals**

| | | | |
|---|---|---|---|
| **051-1513-000** | 10,700 | 0,074 | 1 |



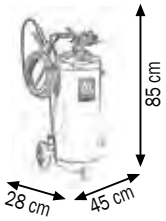



051-1517-000

## Art. 051-1517-000

**AISI 304 stainless steel pressure sprayer 50 l**
**With foaming device**
Tank capacity 50 l with lever indicator
Equipped with:
Art.053-1538-000 8x13 8 m length pvc hose
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe
Art.053-1554-000 Foaming coupler super
Manometer with stainless steel case

| | | | |
|---|---|---|---|
| **051-1517-000** | 21,000 | 0,196 | 1 |




Equipment suitable for the nebulisation of detergents with foaming device. When they are filled with liquid for 3/4 of their capacity and air is put inside at 6-8 bar they work automatically without any continuous link to compressed air.

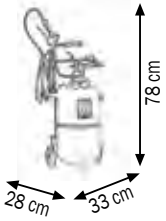
**ATTENTION! Do not use inflammable and corrosive liquids.**

# VARNISHED STEEL PRESSURE SPRAYERS WITH FOAMING DEVICE

## Art. 051-1522-000

**Varnished steel pressure sprayer 24 l**
**With foaming device**
Tank capacity 24 l with lever indicator
Equipped with:
Art.053-1538-000 8x13 8 m length pvc hose
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe
Art.053-1554-000 Foaming coupler super

| | | | |
|---|---|---|---|
| **051-1522-000** | 12,400 | 0,074 | 1 |



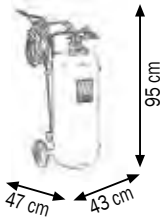



**051-1522-000**

## Art. 051-1527-000

**Varnished steel pressure sprayer 50 l**
**With foaming device**
Tank capacity 50 l with lever indicator
Equipped with:
Art.053-1538-000 8x13 8 m length pvc hose
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe
Art.053-1554-000 Foaming coupler super

| | | | |
|---|---|---|---|
| **051-1527-000** | 23,900 | 0,196 | 1 |



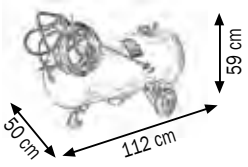



**051-1527-000**

## Art. 051-1532-000

**Varnished steel pressure sprayer 100 l**
**With foaming device**
Tank capacity 100 l with lever indicator
Equipped with:
Art.053-1538-000 8x13 8 m length pvc hose
Art.053-1542-000 Spray gun with 750 mm stainless steel pipe
Art.053-1554-000 Foaming coupler super

| | | | |
|---|---|---|---|
| **051-1532-000** | 39,700 | 0,360 | 1 |






**051-1532-000**

Equipment suitable for the nebulisation of detergents with foaming device. When they are filled with liquid for 3/4 of their capacity and air is put inside at 6-8 bar they work automatically without any continuous link to compressed air.

**ATTENTION! Do not use inflammable and corrosive liquids.**



053-1537-000

**Art. 053-1537-000**
**10 m length RILSAN spring hose 6X8**
1/4“M fitting



053-1538-000

**Art. 053-1538-000**
**20 bar 8x13 8 m length pvc hose**
Bayonet connection



053-1541-000

**Art. 053-1541-000**
**Spray gun with 600 mm stainless steel pipe**
Equipped with:
Stainless steel pipe 600 mm length
Gun with body P.P. reinforced with F.V
**Stainless steel AISI 316** ball
**Stainless steel** internal parts and viton seals
110° fan nozzle Ø hole 1,1
50 Mesh stainless steel cup filter



053-1542-000

**Art. 053-1542-000**
**Spray gun with 750 mm stainless steel pipe**
Composed like Art.053-1541-000 but with:
Stainless steel pipe 750 mm



053-1544-000

**Art. 053-1544-000**
**Spray gun with 900 mm stainless steel pipe**
Composed like Art.053-1541-000 but with:
Stainless steel pipe 900 mm



053-1545-000

**Art. 053-1545-000**
**Telescopic spray gun with stainless steel pipe from 1 m to 2 m**
Composed like Art.053-1541-000 but with:
Adjustable stainless steel telescopic spray
gun from 1 m min to 2 m max length



024-1232-P65

**Art. 024-1232-P65**
**Water dispencing nozzle RB65 blu 1/2”**
Adjustable jet brass shaft
Brass swivel joint F1/2” G
Pressure max 24 bar
Temperature max 90°C

**Art. 053-1546-000**
**110° thermoplastic (POM)** fan nozzle Ø hole 0,9
Yellow color


053-1546-000

**Art. 053-1547-000**
**110° thermoplastic (POM)** fan nozzle Ø hole 1,1
Blue color


053-1547-000

**Art. 053-1548-000**


053-1548-000

**Art. 053-1550-000**
**110° thermoplastic (POM)** fan nozzle Ø hole 1,8
White color


053-1550-000

**Art. 053-1552-000**
**Thermoplastic fan nozzle for foaming**
Delivery capacity 3 bar 9,8 l/min


053-1552-000

**Art. 053-1553-000**
**Stainless steel fan nozzle for foaming**
Delivery capacity 3 bar 9,8 l/min


053-1553-000

**Art. 053-1554-000**
**Foaming coupler super**


053-1554-000

**Art. 053-1555-000**
**Stainless steel cup filter 50 Mesh**


053-1555-000

**Art. 053-1560-000**
**Red nozzle holder protection fitting**


053-1560-000



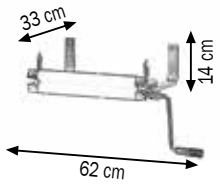
054-1556-000

## Art. 054-1556-000

**Wall-mounted leather squeezer**

With galvanized support angle brackets

| | Kg | m³ | |
|---|---|---|---|
| 054-1556-000 | 8,700 | 0,040 | 1 |




These articles are essential in car washings in order to make it easy and improve the drying of vehicles with leather or synthetics cloths.



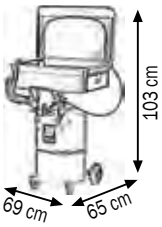
055-1560-000

## Art. 055-1560-000

**Washing collector with wheeled tank 65 l**

Collector capacity 50 l with removable lid
Tank capacity 65 l
Max pressure use 0,5 bar
Equipped with:
Filter and grate of decantation
Blowing nozzle with spiral hose
Brush with nylon bristles with 1,5 m length pvc hose

| | Kg | m³ | |
|---|---|---|---|
| 055-1560-000 | 43,100 | 0,300 | 2 |






057-1563-000

## Art. 057-1563-000

**Brush with nylon bristles for washing collector**

For the washing of mechanical parts and items in general. The air-operated working at low pressure (max 0,5 bar) allows the washing with brush with continuous flux, or the washing of the items plunged in the liquid directly in the tank. For a correct use, spill 48-52 l of detergent liquid. The lid can be removed and so it is possible to work better.

**WARNING!**
**Do not use inflammable or corrosive liquids or substances that emanate toxic vapors.**
**Use exclusively specific chemical products for the washing of mechanical parts, to use only according to regulation furnished by the manufacturer.**


MECLUBE



# TYRE INFLATORS

They are suitable for service stations and garages, for checking and re-establishing the tyre pressure through the inflating valve and discharge with lever in the version with automatic charge, with the inflating gun in the version with manual charge.



They are suitable for service stations and garages, for checking and re-establishing the tyre pressure through the inflating valve and discharge with lever in the version with automatic charge, with the inflating gun in the version with manual charge.



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ACCESSORIES FOR TYRE INFLATORS page 274

# PORTABLE TYRE INFLATORS WITH AUTOMATIC CHARGE

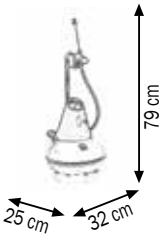


060-1582-000

## Art. 060-1582-000

**Approved CEE tyre inflator 12 l**
**with automatic charge**
Tank capacity 12 l
Equipped with:
Approved gauge Ø 80 with scale 0-10 bar
1,20 m rubber hose with double clip-on connector
Art.063-1586-000 Automatic charger

| | Kg | m³ | № |
|---|---|---|---|
| **060-1582-000** | 11,100 | 0,074 | 1 |



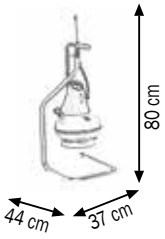



060-1583-000

## Art. 060-1583-000

**Approved CEE portable tyre inflator 12 l**
**with automatic charge with support**
Tank capacity 12 l
Equipped with:
Approved gauge Ø 80 with scale 0-10 bar
1,20 m rubber hose with double clip-on connector
Support with automatic charger

| | Kg | m³ | № |
|---|---|---|---|
| **060-1583-000** | 13,100 | 0,136 | 1 |






063-1586-000

## Art. 063-1586-000

**Automatic charger for tyre inflators**
Connection M 1/2" G

| Technical data | | 060-1582-000 | 060-1583-000 |
|---|---|---|---|
| Max pressure tank | bar | 10 | 10 |
| Max working pressure | bar | 8 | 8 |
| Calibrated safety | bar | 10 | 10 |
| Approved CE Ø 80 gauge | bar | 0-10 | 0-10 |

They are suitable for service stations and garages, for checking and re-establishing the tyre pressure through the inflating and deflating valve lever. They have automatic charge in order to be ready for use. The operation of inflation and deflation of the tyres will be carried our through a unique three positions lever. To have the tyre inflator ready for use it is enough to put it on the automatic charger installed on the line of the compressed air.

**NOTE**: APPROVED FOR PUBLIC USE

## Art. 061-1590-000

**Portable tyre inflator with manual charge12 l**
Tank capacity 12 l
Equipped with:
Reading gauge Ø 50 mm 0-10 bar
Art.063-1596-000 5 m RILSAN spring hose
Art.063-1597-000 Inflating gun with Ø 63 gauge

## Art. 061-1591-000

**Portable tyre inflator with manual charge12 l**
Like art.061-1590-000 but with:
Art.063-1598-A00 **Michelin approved** inflating gun with Ø 80 gauge



**061-1591-000**

## Art. 061-1594-000

**Wheeled tyre inflator with manual charge 24 l**
Tank capacity 24 l
Equipped with:
Reading gauge Ø 80 mm 0-10 bar
Art.063-1596-000 5 m RILSAN spring hose
Art.063-1597-000 Inflating gun with Ø 63 gauge

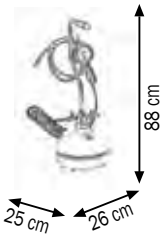
## Art. 061-1595-000

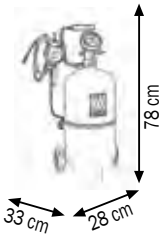
**Wheeled tyre inflator with manual charge 24 l**
Like art.061-1594-000 but with:
Art.063-1598-A00 **Michelin approved** inflating gun with Ø 80 gauge



**061-1595-000**

| | Kg | m³ | Nº |
|---|---|---|---|
| **061-1590-000** | 7,550 | 0,081 | 1 |
| **061-1591-000** | 7,800 | 0,081 | 1 |
| **061-1594-000** | 11,500 | 0,074 | 1 |
| **061-1595-000** | 11,600 | 0,074 | 1 |




| Technical data | | 061-1590-000 | 061-1591-000 | 061-1594-000 | 061-1595-000 |
|---|---|---|---|---|---|
| Max pressure tank | bar | 10 | 10 | 10 | 10 |
| Max working pressure | bar | 8 | 8 | 8 | 8 |
| Calibrated safety valve | bar | 10 | 10 | 10 | 10 |
| Approved CE Ø 80 gauge | bar | 0-10 | 0-10 | 0-10 | 0-10 |

They are necessary in service stations and garages, for checking and re-establishing the tyre pressure through the inflating gun with gauge scale 0–10 bar.



063-1596-000

## Art. 063-1596-000

**5 m RILSAN spring hose**
1/4 “M bayonet fitting connection



063-1597-000

## Art. 063-1597-000

**Inflating gun with Ø 63 gauge**
Scale 0-10 bar + 0-140 PSI
Rubber gauge-cover



063-1598-000

## Art. 063-1598-000

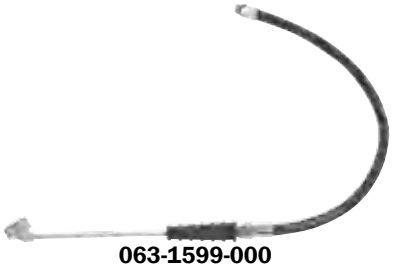
**Approved inflating gun with Ø 80 gauge,**
**approved to European Directive CEE 86/217**
Scale 0-10 bar
Rubber gauge-cover



063-1598-A00

## Art. 063-1598-A00

**Michelin approved inflating eurodainu gun with Ø 80 gauge**
**approved to European Directive CEE 86/217**
Scale 0,7-12 bar/PSI
Rubber gauge-cover



063-1599-000

## Art. 063-1599-000

**Angle head connector for twin tyres**



063-1581-000

## Art. 063-1581-000

**Swiveling closed hose reel for inflating tyres**
Equipped with:
Art.075-4301-211 Swiveling closed hose reel with hose PU 8x13 20 bar 11 m
Art.063-1598-A00 Michelin **approved** inflating **eurodainu** gun with Ø 80 **CEE** gauge

It is equipped with a wall-fixing bracket which makes the wall fixing easier.
The connection of the hose reel to the wall-fixing bracket is very fast and it allows a quick connection and disconnection.
The continuous connection to the compressed air system makes the system of inflation ready to use.

| | Kg | m³ | № |
|---|---|---|---|
| **063-1581-000** | 13,800 | 0,026 | 1 |

# AUTOMATIC HOSE REELS

Our automatic hose reels with spring, fixed or swivelling, of varnished steel, stainless steel AISI 304 or motorized hydraulic, pneumatic and electric are suitable for flexible hoses for the delivery of compressed air, water, oil or similar, grease, diesel, antifreeze, windscreen and AdBlue®.
They allow to unroll only the necessary hose length, improving their functionality.
The rewinding of the hose is fast and safe and allows to have a tidy workplace.
You always have a ready-to-use equipment that grant to all the staff to work safely.



# HOSE REELS INDEX


















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| - MOTORIZED PNEUMATIC | 20 - 400 bar | page **363** |
| - MANUAL WITH CRANK | 20 - 400 bar | page **364** |
| - ACCESSORIES FOR FE-600 | - | page **365** |
| **MOTORIZED INDUSTRIAL HOSE REELS IN PAINTED STEEL Mod. FE-700** | | |
| - MOTORIZED 12 - 24 - 115 - 230V ELECTRIC | 20 - 400 bar | page **368** |
| - MOTORIZED HYDRAULIC | 20 - 400 bar | page **372** |
| - MOTORIZED PNEUMATIC | 20 - 400 bar | page **373** |
| - ACCESSORIES FOR FE-700 | - | page **374** |
| **ACCESSORIES FOR HOSE REELS** | | |
| - PANEL SUPPORT FOR HOSE REELS | | page **376** |
| - VARNISHED ROTARY SUPPORT | | page **377** |
| - DIRECTIONAL BRACKETS | | page **378** |
| - SWIVELLING JOINTS AND CONNECTIONS | | page **379** |
| - RUBBER HOSE STOPS | | page **382** |
| - HOSES FOR HOSE REELS | | page **382** |
















# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL FOR AIR-WATER 20 bar



Equipped with:
- **Blue polyurethane ether-based hoses**
- Nickel-plated brass or galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals

**F-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1201-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-1201-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1201-215 | 15 m | 8x12 | 20 bar | F1/2"G – M1/4"G gir. |
| 070-1201-220 | 20 m | 8x12 | 20 bar | F1/2"G – M1/4"G gir. |
| 070-1201-310 | 10 m | 10x14 | 20 bar | F1/2"G – M3/8"G |
| 070-1201-315 | 15 m | 10x14 | 20 bar | F1/2"G – M3/8"G |
| 070-1201-410 | 10 m | 13x19 | 20 bar | F1/2"G – M1/2"G |



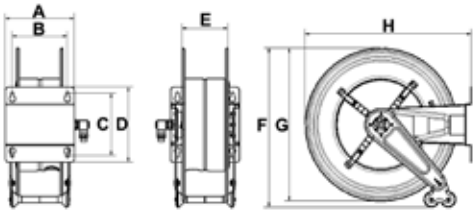
**F-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1301-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-1301-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1301-320 | 20 m | 10X14 | 20 bar | F1/2"G – M3/8"G |
| 070-1301-415 | 15 m | 13X19 | 20 bar | F1/2"G – M1/2"G |
| 070-1301-418 | 18 m | 13X19 | 20 bar | F1/2"G – M1/2"G |



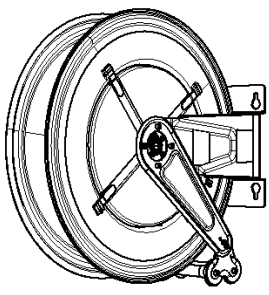
**F-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1401-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1401-420 | 20 m | 13X19 | 20 bar | F1/2"G – M1/2"G |
| 070-1401-425 | 25 m | 13X19 | 20 bar | F1/2"G – M1/2"G |

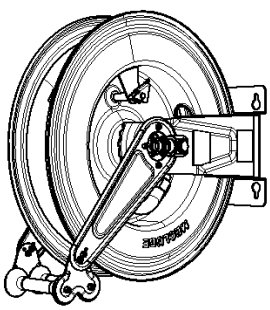



## OVERALL DIMENSIONS FIXED VERSION

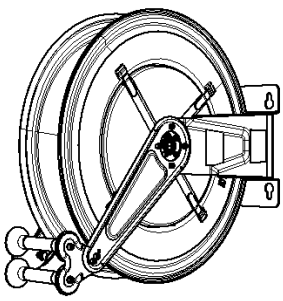
| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 15,90<17,90 | 0,084 | 1 |
| F-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 17,40<20,74 | 0,094 | 1 |
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 23,50<28,00 | 0,130 | 1 |



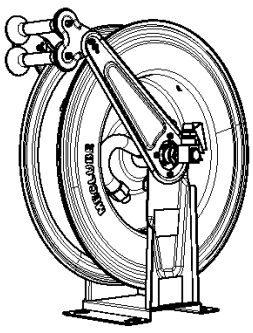
Wall application with internal output hose



Wall application with external output hose



Wall and ceiling application with frontal output hose



Application bench with frontal output hose

# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL FOR AIR-WATER 20 bar

Equipped with:
- **Blue polyurethane ether-based hoses**
- Nickel-plated brass or galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals

**S-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1201-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1201-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1201-215 | 15 m | 8x12 | 20 bar | F1/2"G – M1/4"G gir. |
| 071-1201-220 | 20 m | 8x12 | 20 bar | F1/2"G – M1/4"G gir. |
| 071-1201-310 | 10 m | 10x14 | 20 bar | F1/2"G – M3/8"G |
| 071-1201-315 | 15 m | 10x14 | 20 bar | F1/2"G – M3/8"G |
| 071-1201-410 | 10 m | 13x19 | 20 bar | F1/2"G – M1/2"G |



**S-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1301-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1301-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1301-320 | 20 m | 10X14 | 20 bar | F1/2"G – M3/8"G |
| 071-1301-415 | 15 m | 13X19 | 20 bar | F1/2"G – M1/2"G |
| 071-1301-418 | 18 m | 13X19 | 20 bar | F1/2"G – M1/2"G |



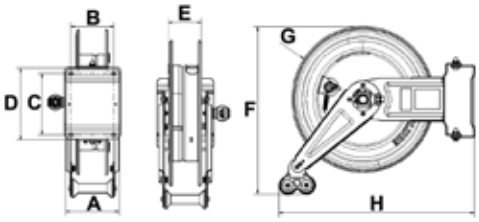
**S-550**

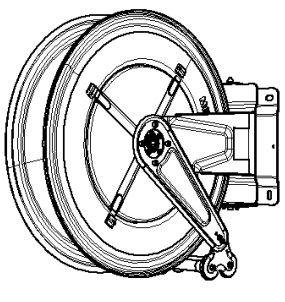
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1401-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1401-420 | 20 m | 13X19 | 20 bar | F1/2"G – M1/2"G |
| 071-1401-425 | 25 m | 13X19 | 20 bar | F1/2"G – M1/2"G |



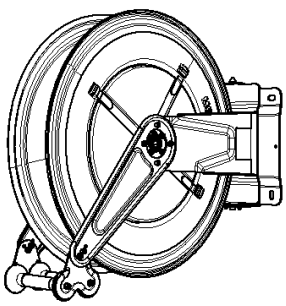
## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 15,51<17,51 | 0,084 | 1 |
| S-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<29,00 | 0,130 | 1 |

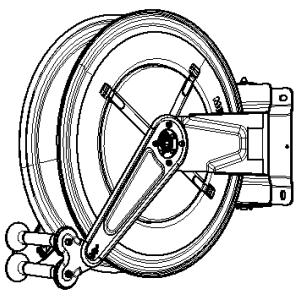


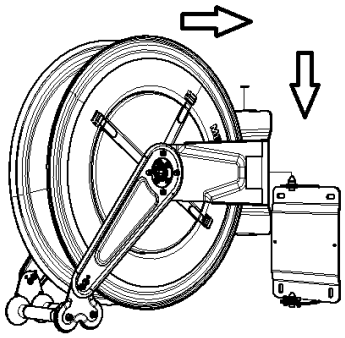
Wall application with insternal output hose



Wall application with external output hose



Wall and ceiling application with frontal outside hose



The insertion of the hose reel in the wall bracket is with quick disconnect coupling

# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL FOR AIR-WATER FROM 20 TO 28 bar











Equipped with:
- **Black synthetic rubber hoses R6,** Galvanized steel connections
- Brass 90° swivelling joint, Viton® seals

| F-400 | Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|---|
| | 070-1201-300 | without hose | - | - | F1/2"G – M3/8"G |
| | 070-1201-400 | without hose | - | - | F1/2"G – M1/2"G |
| | 070-1202-212 | 12 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| | 070-1202-218 | 18 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| | 070-1202-310 | 10 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| | 070-1202-315 | 15 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| | 070-1202-410 | 10 m | 1/2" | 28 bar | F1/2"G – M1/2"G |

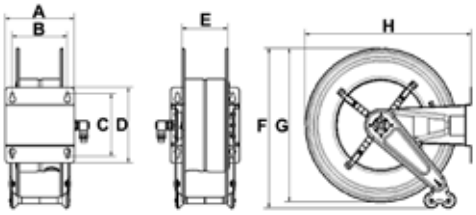
| F-460 | Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|---|
| | 070-1301-300 | without hose | - | - | F1/2"G – M3/8"G |
| | 070-1301-400 | without hose | - | - | F1/2"G – M1/2"G |
| | 070-1302-318 | 18 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| | 070-1302-320 | 20 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| | 070-1302-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| | 070-1302-418 | 18 m | 1/2" | 28 bar | F1/2"G – M1/2"G |

| F-550 | Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|---|
| | 070-1401-400 | without hose | - | - | F1/2"G – M1/2"G |
| | 070-1402-500 | without hose | - | - | F1"G – M3/4"G |
| | 070-1402-420 | 20 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| | 070-1402-425 | 25 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| | 070-1402-515 | 15 m | 3/4" | 21 bar | F1"G – M3/4"G |

| F-555 | Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|---|
| | 070-1502-400 | without hose | - | - | F1/2"G – M1/2"G |
| | 070-1502-500 | without hose | - | - | F1"G – M3/4"G |
| | 070-1502-600 | without hose | - | - | F1"G – M1"G |
| | 070-1502-430 | 30 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| | 070-1502-520 | 20 m | 3/4" | 21 bar | F1"G – M3/4"G |
| | 070-1502-615 | 15 m | 1" | 20 bar | F1"G – M1"G |

| F-560 | Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|---|
| | 070-1602-400 | without hose | - | - | F1/2"G – M1/2"G |
| | 070-1602-500 | without hose | - | - | F1"G – M3/4"G |
| | 070-1602-600 | without hose | - | - | F1"G – M1"G |
| | 070-1602-440 | 40 m | 1/2" | 28 bar | F1/2"G - M1/2"G |
| | 070-1602-530 | 30 m | 3/4" | 21 bar | F1"G – M3/4"G |
| | 070-1602-540 | 40 m | 3/4" | 21 bar | F1"G – M3/4"G |
| | 070-1602-620 | 20 m | 1" | 20 bar | F1"G – M1"G |
| | 070-1602-630 | 30 m | 1" | 20 bar | F1"G – M1"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| F-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| F-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| F-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL FOR AIR-WATER FROM 20 TO 28 bar

Equipped with:
- **Black synthetic rubber hoses R6**, Galvanized steel connections
- Brass 90° swivelling joint, Viton® seals

**S-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1201-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1201-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1202-212 | 12 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 071-1202-218 | 18 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 071-1202-310 | 10 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 071-1202-315 | 15 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 071-1202-410 | 10 m | 1/2" | 28 bar | F1/2"G – M1/2"G |



**S-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1301-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1301-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1302-318 | 18 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 071-1302-320 | 20 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 071-1302-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 071-1302-418 | 18 m | 1/2" | 28 bar | F1/2"G – M1/2"G |



**S-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1401-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1402-500 | without hose | - | - | F1"G – M3/4"G |
| 071-1402-420 | 20 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 071-1402-425 | 25 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 071-1402-515 | 15 m | 3/4" | 21 bar | F1"G – M3/4"G |



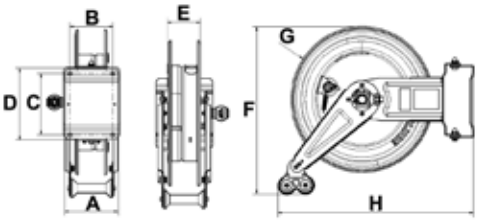
**S-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1502-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1502-500 | without hose | - | - | F1"G – M3/4"G |
| 071-1502-600 | without hose | - | - | F1"G – M1"G |
| 071-1502-430 | 30 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 071-1502-520 | 20 m | 3/4" | 21 bar | F1"G – M3/4"G |
| 071-1502-615 | 15 m | 1" | 20 bar | F1"G – M1"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | N° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 |
| S-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| S-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL FOR WATER 150°C 200 bar











Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

**F-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1205-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-1205-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1204-210 | 10 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 070-1204-215 | 15 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 070-1204-310 | 10 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-1204-410 | 10 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

**F-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-1305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1304-220 | 20 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 070-1304-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-1304-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-1304-415 | 15 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

**F-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-1405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1404-320 | 20 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-1404-325 | 25 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-1404-420 | 20 m | 1/2" | 200 bar | F1/2"G – F1/2"G |
| 070-1404-425 | 25 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

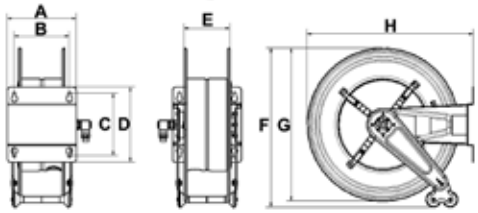
**F-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-1505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1504-330 | 30 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-1504-430 | 30 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

**F-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1605-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1604-340 | 40 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-1604-350 | 50 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-1604-440 | 40 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| F-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| F-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| F-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL FOR WATER 150°C 200 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

**S-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1205-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1205-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1204-210 | 10 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 071-1204-215 | 15 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 071-1204-310 | 10 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-1204-410 | 10 m | 1/2" | 200 bar | F1/2"G – F1/2"G |



**S-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1304-220 | 20 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 071-1304-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-1304-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-1304-415 | 15 m | 1/2" | 200 bar | F1/2"G – F1/2"G |



**S-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1404-320 | 20 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-1404-325 | 25 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-1404-420 | 20 m | 1/2" | 200 bar | F1/2"G – F1/2"G |
| 071-1404-425 | 25 m | 1/2" | 200 bar | F1/2"G – F1/2"G |



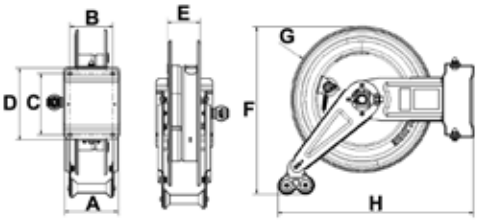
**S-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1504-330 | 30 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-1504-430 | 30 m | 1/2" | 200 bar | F1/2"G – F1/2"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 |
| S-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| S-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL FOR WATER 150°C 400 bar



Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

**F-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1205-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-1205-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1205-210 | 10 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 070-1205-215 | 15 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 070-1205-310 | 10 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-1205-410 | 10 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**F-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1305-300 | without hose | - | - | F1/2"G– M3/8"G |
| 070-1305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1305-220 | 20 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 070-1305-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-1305-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-1305-415 | 15 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**F-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-1405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1405-320 | 20 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-1405-325 | 25 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-1405-420 | 20 m | 1/2" | 400 bar | F1/2"G – F1/2"G |
| 070-1405-425 | 25 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**F-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-1505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1505-330 | 30 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-1505-430 | 30 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

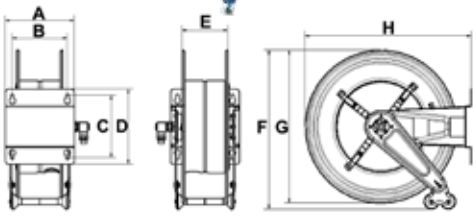


**F-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1605-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1605-340 | 40 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-1605-350 | 50 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-1605-440 | 40 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

## OVERALL DIMENSIONS FIXED VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| F-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| F-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| F-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |



# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL FOR WATER 150°C 400 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1205-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1205-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1205-210 | 10 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 071-1205-215 | 15 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 071-1205-310 | 10 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-1205-410 | 10 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

**S-400**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1305-300 | without hose | - | - | F1/2"G– M3/8"G |
| 071-1305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1305-220 | 20 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 071-1305-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-1305-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-1305-415 | 15 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

**S-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1405-320 | 20 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-1405-325 | 25 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-1405-420 | 20 m | 1/2" | 400 bar | F1/2"G – F1/2"G |
| 071-1405-425 | 25 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

**S-550**



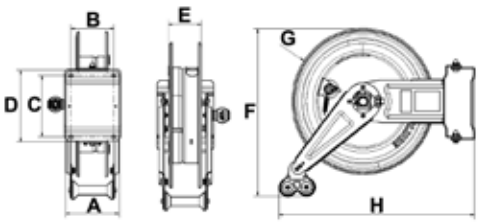
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-1505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1505-330 | 30 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-1505-430 | 30 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

**S-555**



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 |
| S-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| S-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL FOR OIL, ANTIFREEZE AND SIMILAR FLUIDS FROM 88 TO 160 bar



Equipped with:
- **Black synthetic rubber hoses 1SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals

**F-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1206-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1206-310 | 10 m | 3/8" | 180 bar | F1/2"G – M1/2"G |
| 070-1206-410 | 10 m | 1/2" | 160 bar | F1/2"G – M1/2"G |



**F-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1306-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1306-315 | 15 m | 3/8" | 180 bar | F1/2"G – M1/2"G |
| 070-1306-415 | 15 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 070-1306-418 | 18 m | 1/2" | 160 bar | F1/2"G – M1/2"G |



**F-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1406-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1406-500 | without hose | - | - | F1"G – M3/4"G |
| 070-1406-420 | 20 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 070-1406-425 | 25 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 070-1406-515 | 15 m | 3/4" | 105 bar | F1"G – M3/4"G |



**F-555**

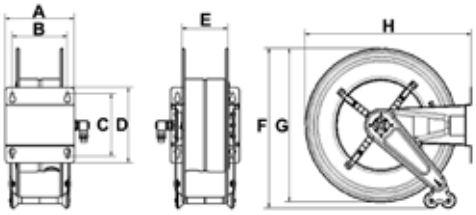
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1506-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1506-500 | without hose | - | - | F1"G – M3/4"G |
| 070-1506-600 | without hose | - | - | F1"G – M1"G |
| 070-1506-430 | 30 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 070-1506-520 | 20 m | 3/4" | 105 bar | F1"G – M3/4"G |
| 070-1506-615 | 15 m | 1" | 88 bar | F1"G – M1"G |



**F-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1606-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1606-500 | without hose | - | - | F1"G – M3/4"G |
| 070-1606-600 | without hose | - | - | F1"G – M3/4"G |
| 070-1606-440 | 40 m | 1/2" | 160 bar | F1"G – M3/4"G |
| 070-1606-525 | 25 m | 3/4" | 105 bar | F1"G – M3/4"G |
| 070-1606-530 | 30 m | 3/4" | 105 bar | F1"G – M3/4"G |
| 070-1606-620 | 20 m | 1" | 88 bar | F1"G – M1"G |
| 070-1606-630 | 30 m | 1" | 88 bar | F1"G – M1"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| F-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| F-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| F-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL FOR OIL, ANTIFREEZE AND SIMILAR FLUIDS FROM 88 TO 160 bar

Equipped with:
- **Black synthetic rubber hoses 1SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals

**S-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1206-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1206-310 | 10 m | 3/8" | 180 bar | F1/2"G – M1/2"G |
| 071-1206-410 | 10 m | 1/2" | 160 bar | F1/2"G – M1/2"G |



**S-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1306-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1306-315 | 15 m | 3/8" | 180 bar | F1/2"G – M1/2"G |
| 071-1306-415 | 15 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 071-1306-418 | 18 m | 1/2" | 160 bar | F1/2"G – M1/2"G |



**S-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1406-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1406-500 | without hose | - | - | F1"G – M3/4"G |
| 071-1406-420 | 20 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 071-1406-425 | 25 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 071-1406-515 | 15 m | 3/4" | 105 bar | F1"G – M3/4"G |



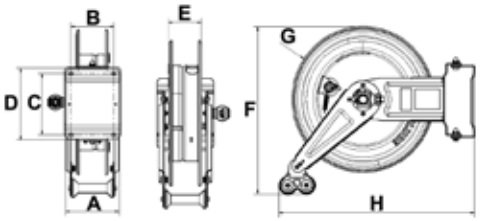
**S-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| | without hose | | | |
| 071-1506-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1506-500 | without hose | - | - | F1"G – M3/4"G |
| 071-1506-600 | | - | - | F1"G – M1"G |
| 071-1506-430 | 30 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 071-1506-520 | 20 m | 3/4" | 105 bar | F1"G – M3/4"G |
| 071-1506-615 | 15 m | 1" | 88 bar | F1"G – M1"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 | |
| S-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 | |
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 | |
| S-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 | |



# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL FOR GREASE FROM 275 TO 400 bar

Equipped with:
- **Black synthetic rubber hoses 2SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals



**F-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1207-200 | without hose | - | - | M1/4"G – M1/4"G |
| 070-1207-300 | without hose | - | - | M3/8"G – M3/8"G |
| 070-1207-400 | without hose | - | - | M1/2" - M1/2" |
| 070-1207-110 | 10 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 070-1207-115 | 15 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 070-1207-310 | 10 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 070-1207-410 | 10 m | 1/2" | 275 bar | M1/2"G – M1/2"G |



**F-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1307-200 | without hose | - | - | M1/4"G – M1/4"G |
| 070-1307-300 | without hose | - | - | M3/8"G – M3/8"G |
| 070-1307-400 | without hose | - | - | M1/2"G – M1/2"G |
| 070-1307-118 | 18 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 070-1307-315 | 15 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 070-1307-415 | 15 m | 1/2" | 275 bar | M1/2"G – M1/2"G |



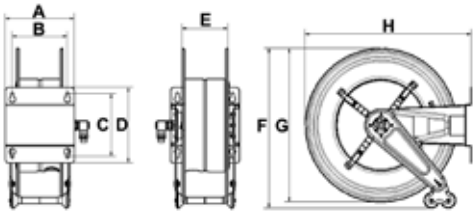
**F-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1407-300 | without hose | - | - | M3/8"G – M3/8"G |
| 070-1407-400 | without hose | - | - | M1/2"G – M1/2"G |
| 070-1407-320 | 20 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 070-1407-325 | 25 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 070-1407-420 | 20 m | 1/2" | 275 bar | M1/2"G – M1/2"G |
| 070-1407-425 | 25 m | 1/2" | 275 bar | M1/2"G – M1/2"G |



**F-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1507-300 | without hose | - | - | M3/8"G – M3/8"G |
| 070-1507-400 | without hose | - | - | M1/2"G – M1/2"G |
| 070-1507-330 | 30 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 070-1507-430 | 30 m | 1/2" | 275 bar | M1/2"G – M1/2"G |




**OVERALL DIMENSIONS FIXED VERSION**

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| F-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| F-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL FOR GREASE FROM 275 TO 400 bar

Equipped with:
- **Black synthetic rubber hoses 2SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals

**S-400**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1207-200 | without hose | - | - | M1/4"G – M1/4"G |
| 071-1207-300 | without hose | - | - | M3/8"G – M3/8"G |
| 071-1207-400 | without hose | - | - | M1/2" - M1/2" |
| 071-1207-110 | 10 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 071-1207-115 | 15 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 071-1207-310 | 10 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 071-1207-410 | 10 m | 1/2" | 275 bar | M1/2"G – M1/2"G |

**S-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1307-200 | without hose | - | - | M1/4"G – M1/4"G |
| 071-1307-300 | without hose | - | - | M3/8"G – M3/8"G |
| 071-1307-400 | without hose | - | - | M1/2"G – M1/2"G |
| 071-1307-118 | 18 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 071-1307-315 | 15 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 071-1307-415 | 15 m | 1/2" | 275 bar | M1/2"G – M1/2"G |

**S-550**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1407-300 | without hose | - | - | M3/8"G – M3/8"G |
| 071-1407-400 | without hose | - | - | M1/2"G – M1/2"G |
| 071-1407-320 | 20 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 071-1407-325 | 25 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 071-1407-420 | 20 m | 1/2" | 275 bar | M1/2"G – M1/2"G |
| 071-1407-425 | 25 m | 1/2" | 275 bar | M1/2"G – M1/2"G |

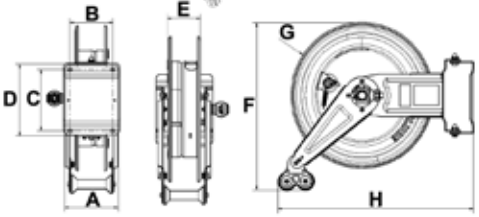
**S-555**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1507-300 | without hose | - | - | M3/8"G – M3/8"G |
| 071-1507-400 | without hose | - | - | M1/2"G – M1/2"G |
| 071-1507-330 | 30 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 071-1507-430 | 30 m | 1/2" | 275 bar | M1/2"G – M1/2"G |

## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | N° | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 | |
| S-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 | |
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 | |
| S-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 | |



# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL FOR ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar

Equipped with:
- **Black antistatic synthetic rubber EPDM hoses**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90°swivelling joint
- Viton® seals
- **Stainless steel** reel shaft



**F-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1209-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1209-410 | 10 m | 1/2" | 20 bar | F1/2"G – M1/2"G |



**F-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1309-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1309-415 | 15 m | 1/2" | 20 bar | F1/2"G – M1/2"G |



**F-550**

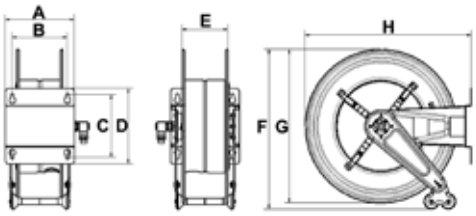
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1409-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-1409-500 | without hose | - | - | F1"G – M3/4"G |
| 070-1409-420 | 20 m | 1/2" | 20 bar | F1/2"G – M1/2"G |
| 070-1409-425 | 25 m | 1/2" | 20 bar | F1/2"G - M 1/2"G |
| 070-1409-510 | 10 m | 3/4" | 20 bar | F1"G – M3/4"G |
| 070-1409-515 | 15 m | 3/4" | 20 bar | F1"G – M3/4"G |



**F-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-1509-500 | without hose | - | - | F1"G – M3/4"G |
| 070-1509-520 | 20 m | 3/4" | 20 bar | F1"G – M3/4"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| F-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| F-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL FOR ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar

Equipped with:
- **Black antistatic synthetic rubber EPDM hoses**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90° swivelling joint
- Viton® seals
- **Stainless steel** reel shaft

**S-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1209-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1209-410 | 10 m | 1/2" | 20 bar | F1/2"G – M1/2"G |



**S-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1309-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1309-415 | 15 m | 1/2" | 20 bar | F1/2"G – M1/2"G |



**S-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1409-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-1409-500 | without hose | - | - | F1"G – M3/4"G |
| 071-1409-420 | 20 m | 1/2" | 20 bar | F1/2"G – M1/2"G |
| 071-1409-425 | 25 m | 1/2" | 20 bar | F1/2"G - M 1/2"G |
| 071-1409-510 | 10 m | 3/4" | 20 bar | F1"G – M3/4"G |
| 071-1409-515 | 15 m | 3/4" | 20 bar | F1"G – M3/4"G |



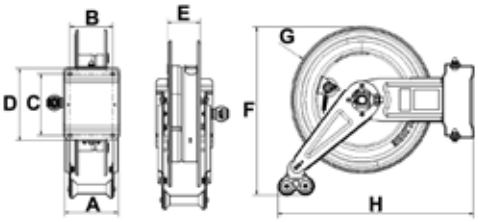
**S-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-1509-500 | without hose | - | - | F1"G – M3/4"G |
| 071-1509-520 | 20 m | 3/4" | 20 bar | F1"G – M3/4"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 |
| S-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| S-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL FOR DIESEL 10 bar

Equipped with:
- **Black antistatic rubber hoses**
- Galvanized steel connections
- Galvanized steel - anodized aluminum 90° swivelling joint
- Viton® seals



**F-460**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-1308-500 | 80 l/min | without hose | - | F1"G – M3/4"G |
| 070-1308-508 | 80 l/min | 8 m | 3/4"- 19x27 | F1"G – M1"G |



**F-550**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-1408-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-1408-510 | 90 l/min | 10 m | 3/4" - 19x27 | F1"G – M1"G |
| 070-1408-515 | 85 l/min | 15m | 3/4" - 19x27 | F1"G – M1"G |
| 070-1408-610 | 95 l/min | 10m | 1" - 25x35 | F1"G – M1"G |



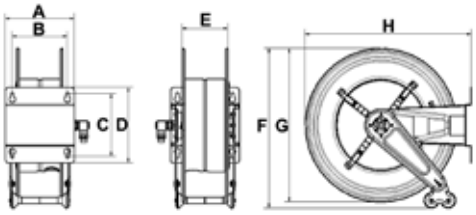
**F-555**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-1508-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-1508-520 | 83 l/min | 20 m | 3/4" - 19x27 | F1"G – M1"G |
| 070-1508-615 | 90 l/min | 15 m | 1"- 25x35 | F1"G – M1"G |



**F-560**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-1608-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-1608-530 | 80 l/min | 30 m | 3/4" - 19x27 | F1"G – M1"G |
| 070-1608-540 | 75 l/min | 40 m | 3/4" - 19x27 | F1"G – M1"G |
| 070-1608-620 | 87 l/min | 20 m | 1"- 25x35 | F1"G – M1"G |
| 070-1608-630 | 85 l/min | 30 m | 1"- 25x35 | F1"G – M1"G |




**OVERALL DIMENSIONS FIXED VERSION**

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| F-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| F-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL FOR DIESEL 10 bar

Equipped with:
- **Black antistatic rubber hoses**
- Galvanized steel connections
- Galvanized steel - anodized aluminum 90° swivelling joint
- Viton® seals

**S-460**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-1308-500 | 80 l/min | without hose | - | F1"G – M3/4"G |
| 071-1308-508 | 80 l/min | 8 m | 3/4"- 19x27 | F1"G – M1"G |



**S-550**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-1408-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 071-1408-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-1408-515 | 85 l/min | 15m | 3/4"- 19x27 | F1"G – M1"G |
| 071-1408-610 | 95 l/min | 10m | 1" - 25x35 | F1"G – M1"G |



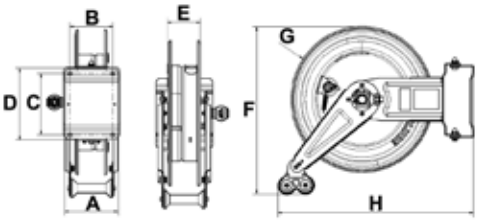
**S-555**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-1508-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 071-1508-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-1508-615 | 90 l/min | 15 m | 1"- 25x35 | F1"G – M1"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | N° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| S-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL FOR GASOLINE 16 bar

Equipped with:
- **Black antistatic synthetic rubber hoses steel wire helix with high strength syntetic textile plies, copper wire**
- Reference regulations: **EN 1761 - EN 12115 ATEX (EX ZONE)**
- Self-extinguishing according to: **TRbf 131/2**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint - Viton® seals
- **Compliant with ATEX directive (see ATEX regulation at page 390)**

II 2 G Ex h IIB T4 Gb X
II 2 D Ex h IIIC T4 Db



**F-550**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-1418-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-1418-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-1418-515 | 85 l/min | 15 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-1418-610 | 95 l/min | 10 m | 1" - 25x35 | F1"G – M1"G |



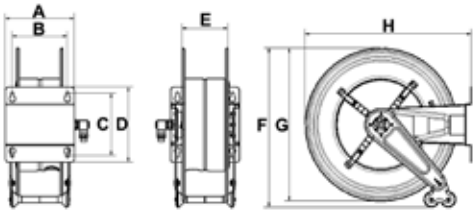
**F-555**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-1518-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-1518-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-1518-615 | 90 l/min | 15 m | 1" - 25x35 | F1"G – M1"G |



**F-560**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-1618-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-1618-530 | 80 l/min | 30 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-1618-620 | 87 l/min | 20 m | 1" - 25x35 | F1"G – M1"G |
| 070-1618-630 | 85 l/min | 30 m | 1" - 25x35 | F1"G – M1"G |




## OVERALL DIMENSIONS FIXED VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| F-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| F-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL FOR GASOLINE 16 bar

Equipped with:
- **Black antistatic synthetic rubber hoses steel wire helix with high strength syntetic textile plies, copper wire**
- Reference regulations: **EN 1761 - EN 12115 ATEX (EX ZONE)**
- Self-extinguishing according to: **TRbf 131/2**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint - Viton® seals
- **Compliant with ATEX directive (see ATEX regulation at page 390)**

II 2 G Ex h IIB T4 Gb X
II 2 D Ex h IIIC T4 Db

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-1418-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 071-1418-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-1418-515 | 85 l/min | 15 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-1418-610 | 95 l/min | 10 m | 1" - 25x35 | F1"G – M1"G |

**S-550**



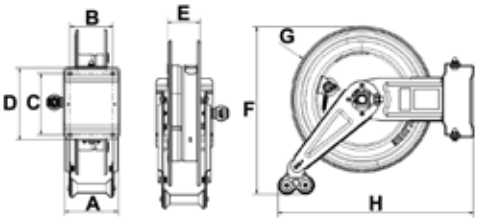
| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-1518-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 071-1518-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-1518-615 | 90 l/min | 15 m | 1" - 25x35 | F1"G – M1"G |

**S-555**



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| S-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN PAINTED STEEL WITHOUT HOSE

**F-400**



| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-1201-300 | Air-Water 20 bar | brass | Viton® | F3/8"G – M3/8"G |
| 070-1201-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 070-1205-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 070-1205-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-1206-400 | Oil 160 bar | galvanized steel | polyurethane | F1/2"G – M1/2"G |
| 070-1207-200 | Grease 600 bar | galvanized steel | polyurethane | M1/4"G – M1/4"G |
| 070-1207-300 | Grease 600 bar | galvanized steel | polyurethane | M3/8"G – M3/8"G |
| 070-1207-400 | Grease 500 bar | galvanized steel | polyurethane | M1/2"G – M1/2"G |
| 070-1209-400 | Antifreeze-Windscreen 20 bar | acciaio inox | Viton® | F1/2"G – M1/2"G |

**F-460**



| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-1301-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 070-1305-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 070-1305-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-1306-400 | Oil 160 bar | galvanized steel | polyurethane | F1/2"G – M1/2"G |
| 070-1307-200 | Grease 600 bar | galvanized steel | polyurethane | M1/4"G – M1/4"G |
| 070-1307-300 | Grease 600 bar | galvanized steel | polyurethane | M3/8"G – M3/8"G |
| 070-1307-400 | Grease 500 bar | galvanized steel | polyurethane | M1/2"G – M1/2"G |
| 070-1309-400 | Antifreeze-Windscreen 20 bar | stainless steel | Viton® | F1/2"G – M1/2"G |

**F-550**



| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-1401-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 070-1405-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 070-1405-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-1406-400 | Oil 160 bar | galvanized steel | polyurethane | F1/2"G – M1/2"G |
| 070-1407-300 | Grease 600 bar | galvanized steel | polyurethane | M3/8"G – M3/8"G |
| 070-1407-400 | Grease 500 bar | galvanized steel | polyurethane | M1/2"G – M1/2"G |
| 070-1408-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |
| 070-1409-500 | AdBlue® 20 bar | stainless steel | Viton® | F1"G – M3/4"G |

**F-555**



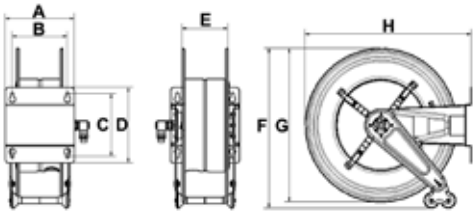
| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-1502-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 070-1502-600 | Air-Water 20 bar | brass | Viton® | F1"G – M1"G |
| 070-1505-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 070-1505-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-1506-400 | Oil 160 bar | galvanized steel | polyurethane | F1/2"G – M1/2"G |
| 070-1506-500 | Oil 160 bar | galvanized steel | polyurethane | F3/4"G – M3/4"G |
| 070-1506-600 | Oil 160 bar | galvanized steel | polyurethane | F1"G – M1"G |
| 070-1507-300 | Grease 600 bar | galvanized steel | polyurethane | M3/8"G – M3/8"G |
| 070-1507-400 | Grease 500 bar | galvanized steel | polyurethane | M1/2"G – M1/2"G |
| 070-1508-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |

**F-560**



| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-1602-600 | Air-Water 20 bar | brass | Viton® | F1"G – M1"G |
| 070-1605-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-1606-500 | Oil 160 bar | galvanized steel | polyurethane | F3/4"G – M3/4"G |
| 070-1606-600 | Oil 160 bar | galvanized steel | polyurethane | F1"G – M1"G |
| 070-1608-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50 | 0,084 | 1 |
| F-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50 | 0,094 | 1 |
| F-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00 | 0,130 | 1 |
| F-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00 | 0,150 | 1 |
| F-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN PAINTED STEEL WITHOUT HOSE

## S-400

| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 071-1201-300 | Air-Water 20 bar | brass | Viton® | F3/8"G – M3/8"G |
| 071-1201-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 071-1205-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 071-1205-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-1206-400 | Oil 160 bar | galvanized steel | polyurethane | F1/2"G – M1/2"G |
| 071-1207-200 | Grease 600 bar | galvanized steel | polyurethane | M1/4"G – M1/4"G |
| 071-1207-300 | Grease 600 bar | galvanized steel | polyurethane | M3/8"G – M3/8"G |
| 071-1207-400 | Grease 500 bar | galvanized steel | polyurethane | M1/2"G – M1/2"G |
| 071-1209-400 | Antifreeze-Windscreen 20 bar | stainless steel | Viton® | F1/2"G – M1/2"G |



## S-460

| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 071-1301-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 071-1305-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 071-1305-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-1306-400 | Oil 160 bar | galvanized steel | polyurethane | F1/2"G – M1/2"G |
| 071-1307-200 | Grease 600 bar | galvanized steel | polyurethane | M1/4"G – M1/4"G |
| 071-1307-300 | Grease 600 bar | galvanized steel | polyurethane | M3/8"G – M3/8"G |
| 071-1307-400 | Grease 500 bar | galvanized steel | polyurethane | M1/2"G – M1/2"G |
| 071-1309-400 | Antifreeze-Windscreen 20 bar | acciaio inox | Viton® | F1/2"G – M1/2"G |



## S-550

| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 071-1401-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 071-1405-300 | Water150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 071-1405-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-1406-400 | Oil 160 bar | galvanized steel | polyurethane | F1/2"G – M1/2"G |
| 071-1407-300 | Grease 600 bar | galvanized steel | polyurethane | M3/8"G – M3/8"G |
| 071-1407-400 | Grease 500 bar | galvanized steel | polyurethane | M1/2"G – M1/2"G |
| 071-1408-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |
| 071-1409-500 | AdBlue® 20 bar | stainless steel | Viton® | F3/4"G – M3/4"G |



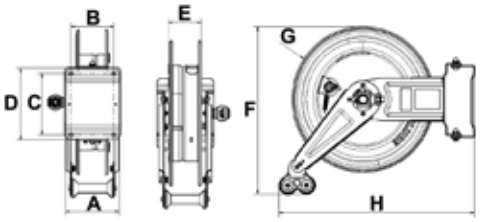
## S-555

| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 071-1502-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 071-1502-600 | Air-Water 20 bar | brass | Viton® | F1"G – M1"G |
| 071-1505-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 071-1505-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-1506-400 | Oil 160 bar | galvanized steel | polyurethane | F1/2"G – M1/2"G |
| 071-1506-500 | Oil 160 bar | galvanized steel | polyurethane | F3/4"G – M3/4"G |
| 071-1506-600 | Oil 160 bar | galvanized steel | polyurethane | F1"G – M1"G |
| 071-1507-300 | Grease 600 bar | galvanized steel | polyurethane | M3/8"G – M3/8"G |
| 071-1507-400 | Grease 500 bar | galvanized steel | polyurethane | M1/2"G – M1/2"G |
| 071-1508-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | N° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50 | 0,084 | 1 |
| S-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50 | 0,094 | 1 |
| S-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00 | 0,130 | 1 |
| S-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR AIR-WATER 20 bar

Equipped with:
- **Blue polyurethane ether-based hoses**
- Nickel-plated brass or galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals



**FX-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2201-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2201-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2201-215 | 15 m | 8x12 | 20 bar | F1/2"G – M1/4"G gir. |
| 070-2201-220 | 20 m | 8x12 | 20 bar | F1/2"G – M1/4"G gir. |
| 070-2201-310 | 10 m | 10x14 | 20 bar | F1/2"G – M3/8"G |
| 070-2201-315 | 15 m | 10x14 | 20 bar | F1/2"G – M3/8"G |
| 070-2201-410 | 10 m | 13x19 | 20 bar | F1/2"G – M1/2"G |



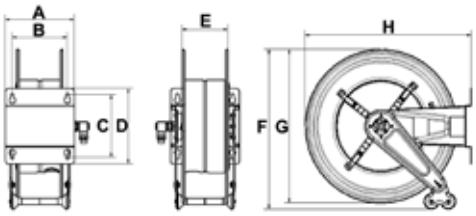
**FX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2301-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2301-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2301-320 | 20 m | 10X14 | 20 bar | F1/2"G – M3/8"G |
| 070-2301-415 | 15 m | 13X19 | 20 bar | F1/2"G – M1/2"G |
| 070-2301-418 | 18 m | 13X19 | 20 bar | F1/2"G – M1/2"G |



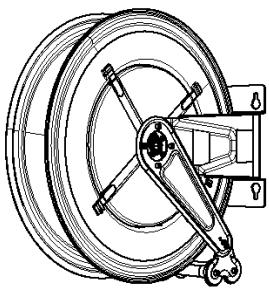
**FX-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2401-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2401-420 | 20 m | 13X19 | 20 bar | F1/2"G – M1/2"G |
| 070-2401-425 | 25 m | 13X19 | 20 bar | F1/2"G – M1/2"G |

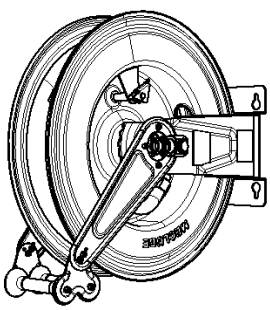



## OVERALL DIMENSIONS FIXED VERSION

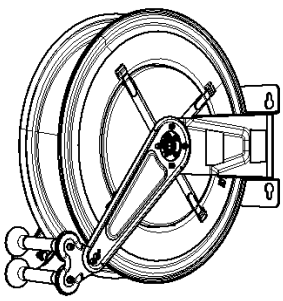
| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FX-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| FX-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| FX-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<28,00 | 0,130 | 1 |



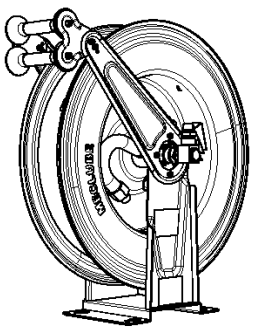
Wall application with inside output hose



Wall application with external output hose



Wall and ceiling application with frontal output hose



Application bench with frontal output hose

# SWIVELLING AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR AIR-WATER 20 bar

Equipped with:
- **Blue polyurethane ether-based hoses**
- Nickel-plated brass or galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals

**SX-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2201-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2201-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2201-215 | 15 m | 8x12 | 20 bar | F1/2"G – M1/4"G gir. |
| 071-2201-220 | 20 m | 8x12 | 20 bar | F1/2"G – M1/4"G gir. |
| 071-2201-310 | 10 m | 10x14 | 20 bar | F1/2"G – M3/8"G |
| 071-2201-315 | 15 m | 10x14 | 20 bar | F1/2"G – M3/8"G |
| 071-2201-410 | 10 m | 13x19 | 20 bar | F1/2"G – M1/2"G |



**SX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2301-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2301-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2301-320 | 20 m | 10X14 | 20 bar | F1/2"G – M3/8"G |
| 071-2301-415 | 15 m | 13X19 | 20 bar | F1/2"G – M1/2"G |
| 071-2301-418 | 18 m | 13X19 | 20 bar | F1/2"G – M1/2"G |



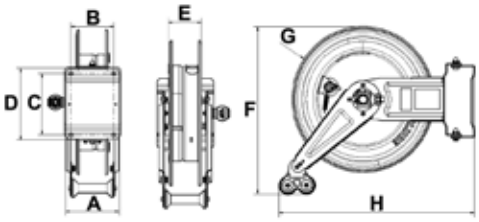
**SX-550**

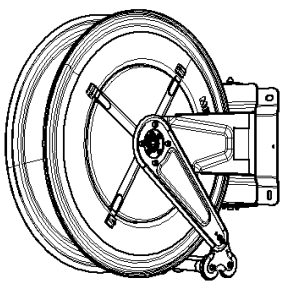
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2401-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2401-420 | 20 m | 13X19 | 20 bar | F1/2"G – M1/2"G |
| 071-2401-425 | 25 m | 13X19 | 20 bar | F1/2"G – M1/2"G |



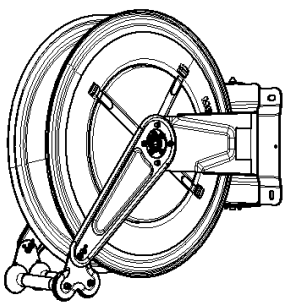
## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SX-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 |
| SX-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| SX-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<29,00 | 0,130 | 1 |

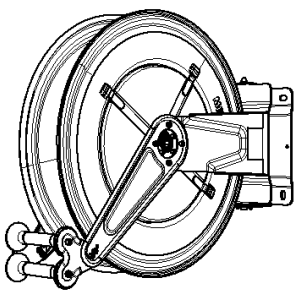


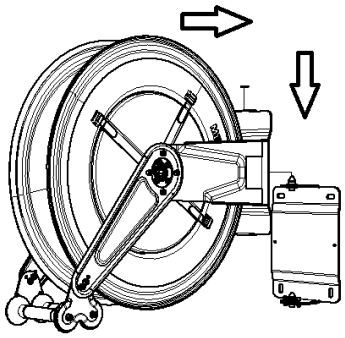
Wall application with inside output hose



Wall application with external output hose



Wall and ceiling application with frontal outside hose



The insertion of the hose reel in the wall bracket is with quick disconnect coupling

# FIXED AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR AIR-WATER FROM 20 TO 28 bar

Equipped with:
- **Black synthetic rubber hoses R6,** Galvanized steel connections
- Brass 90° swivelling joint, Viton® seals



**FX-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2201-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2201-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2202-212 | 12 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 070-2202-218 | 18 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 070-2202-310 | 10 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 070-2202-315 | 15 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 070-2202-410 | 10 m | 1/2" | 28 bar | F1/2"G – M1/2"G |



**FX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2301-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2301-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2302-318 | 18 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 070-2302-320 | 20 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 070-2302-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 070-2302-418 | 18 m | 1/2" | 28 bar | F1/2"G – M1/2"G |



**FX-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2401-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2402-500 | without hose | - | - | F1"G – M3/4"G |
| 070-2402-420 | 20 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 070-2402-425 | 25 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 070-2402-515 | 15 m | 3/4" | 21 bar | F1"G – M3/4"G |



**FX-555**

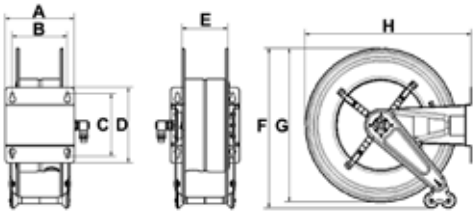
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2502-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2502-500 | without hose | - | - | F1"G – M3/4"G |
| 070-2502-600 | without hose | - | - | F1"G – M1"G |
| 070-2502-430 | 30 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 070-2502-520 | 20 m | 3/4" | 21 bar | F1"G – M3/4"G |
| 070-2502-615 | 15 m | 1" | 20 bar | F1"G – M1"G |



**FX-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2602-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2602-500 | without hose | - | - | F1"G – M3/4"G |
| 070-2602-600 | without hose | - | - | F1"G – M1"G |
| 070-2602-440 | 40 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 070-2602-530 | 30 m | 3/4" | 21 bar | F1"G – M3/4"G |
| 070-2602-540 | 40 m | 3/4" | 21 bar | F1"G – M3/4"G |
| 070-2602-620 | 20 m | 1" | 20 bar | F1"G – M1"G |
| 070-2602-630 | 30 m | 1" | 20 bar | F1"G – M1"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FX-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| FX-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| FX-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| FX-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| FX-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR AIR-WATER FROM 20 TO 28 bar

Equipped with:
- **Black synthetic rubber hoses R6**, Galvanized steel connections
- Brass 90° swivelling joint, Viton® seals

**SX-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2201-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2201-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2202-212 | 12 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 071-2202-218 | 18 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 071-2202-310 | 10 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 071-2202-315 | 15 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 071-2202-410 | 10 m | 1/2" | 28 bar | F1/2"G – M1/2"G |



**SX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2301-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2301-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2302-318 | 18 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 071-2302-320 | 20 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 071-2302-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 071-2302-418 | 18 m | 1/2" | 28 bar | F1/2"G – M1/2"G |



**SX-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2401-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2402-500 | without hose | - | - | F1"G – M3/4"G |
| 071-2402-420 | 20 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 071-2402-425 | 25 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 071-2402-515 | 15 m | 3/4" | 21 bar | F1"G – M3/4"G |



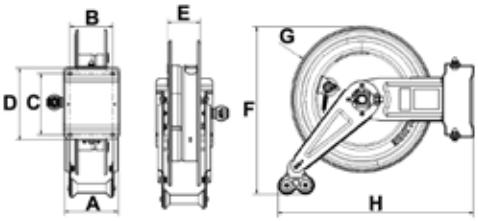
**SX-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2502-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2502-500 | without hose | - | - | F1"G – M3/4"G |
| 071-2502-600 | without hose | - | - | F1"G – M1"G |
| 071-2502-430 | 30 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 071-2502-520 | 20 m | 3/4" | 21 bar | F1"G – M3/4"G |
| 071-2502-615 | 15 m | 1" | 20 bar | F1"G – M1"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SX-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 |
| SX-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| SX-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| SX-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR WATER 150°C 200 bar



Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Viton® seals

**FX-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2205-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2205-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2204-210 | 10 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 070-2204-215 | 15 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 070-2204-310 | 10 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-2204-410 | 10 m | 1/2" | 200 bar | F1/2"G – F1/2"G |



**FX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2304-220 | 20 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 070-2304-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-2304-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-2304-415 | 15 m | 1/2" | 200 bar | F1/2"G – F1/2"G |



**FX-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2404-320 | 20 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-2404-325 | 25 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-2404-420 | 20 m | 1/2" | 200 bar | F1/2"G – F1/2"G |
| 070-2404-425 | 25 m | 1/2" | 200 bar | F1/2"G – F1/2"G |



**FX-555**

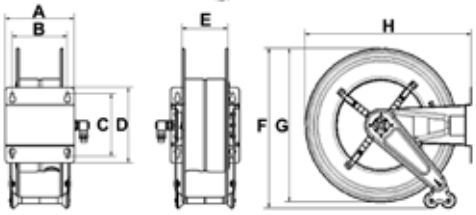
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2504-330 | 30 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-2504-430 | 30 m | 1/2" | 200 bar | F1/2"G – F1/2"G |



**FX-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2605-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2604-340 | 40 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-2604-350 | 50 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 070-2604-440 | 40 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FX-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| FX-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| FX-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| FX-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| FX-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR WATER 150°C 200 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Viton® seals

**SX-400**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2205-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2205-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2204-210 | 10 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 071-2204-215 | 15 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 071-2204-310 | 10 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-2204-410 | 10 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

**SX-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2304-220 | 20 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 071-2304-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-2304-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-2304-415 | 15 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

**SX-550**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2404-320 | 20 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-2404-325 | 25 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-2404-420 | 20 m | 1/2" | 200 bar | F1/2"G – F1/2"G |
| 071-2404-425 | 25 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

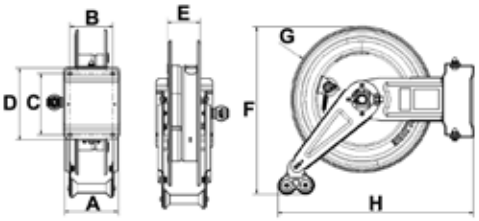
**SX-555**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2504-330 | 30 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 071-2504-430 | 30 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SX-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 |
| SX-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| SX-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| SX-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR WATER 150°C 400 bar



Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Viton® seals

**FX-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2205-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2205-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2205-210 | 10 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 070-2205-215 | 15 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 070-2205-310 | 10 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-2205-410 | 10 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**FX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2305-220 | 20 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 070-2305-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-2305-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-2305-415 | 15 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**FX-550**

| Articolo | L. tubo | Ø tubo | Pressione max | Entrata-Uscita |
|---|---|---|---|---|
| 070-2405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2405-320 | 20 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-2405-325 | 25 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-2405-420 | 20 m | 1/2" | 400 bar | F1/2"G – F1/2"G |
| 070-2405-425 | 25 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**FX-555**

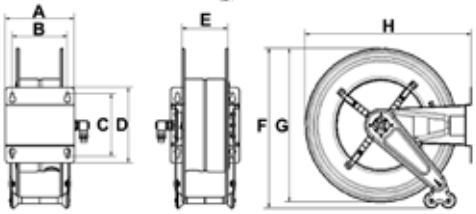
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 070-2505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2505-330 | 30 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-2505-430 | 30 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**FX-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2605-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2605-340 | 40 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-2605-350 | 50 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 070-2605-440 | 40 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FX-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| FX-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| FX-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| FX-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| FX-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR WATER 150°C 400 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Viton® seals

**SX-400**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2205-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2205-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2205-210 | 10 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 071-2205-215 | 15 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 071-2205-310 | 10 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-2205-410 | 10 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

**SX-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2305-220 | 20 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 071-2305-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-2305-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-2305-415 | 15 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

**SX-550**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2405-320 | 20 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-2405-325 | 25 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-2405-420 | 20 m | 1/2" | 400 bar | F1/2"G – F1/2"G |
| 071-2405-425 | 25 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

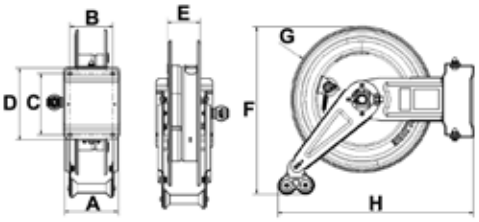
**SX-555**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 071-2505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2505-330 | 30 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 071-2505-430 | 30 m | 1/2" | 400 bar | F1/2"G – F1/2"G |

## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nr |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SX-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 |
| SX-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| SX-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| SX-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar

Equipped with:
- **Black antistatic synthetic rubber EPDM hoses**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90°swivelling joint
- Viton® seals



**FX-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2209-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2209-410 | 10 m | 1/2" | 20 bar | F1/2"G – M1/2"G |



**FX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2309-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2309-415 | 15 m | 1/2" | 20 bar | F1/2"G – M1/2"G |



**FX-550**

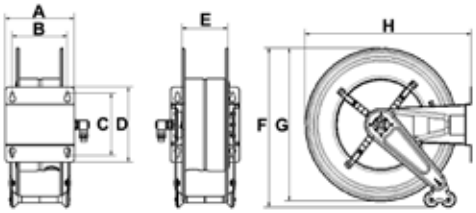
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2409-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2409-500 | without hose | - | - | F1"G – M3/4"G |
| 070-2409-420 | 20 m | 1/2" | 20 bar | F1/2"G – M1/2"G |
| 070-2409-425 | 25 m | 1/2" | 20 bar | F1/2"G - M 1/2"G |
| 070-2409-510 | 10 m | 3/4" | 20 bar | F1"G – M3/4"G |
| 070-2409-515 | 15 m | 3/4" | 20 bar | F1"G – M3/4"G |



**FX-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2509-500 | without hose | - | - | F1"G – M3/4"G |
| 070-2509-520 | 20 m | 3/4" | 20 bar | F1"G – M3/4"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FX-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| FX-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| FX-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| FX-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar

Equipped with:
- **Black antistatic synthetic rubber EPDM hoses**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90° swivelling joint
- Viton® seals

**SX-400**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2209-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2209-410 | 10 m | 1/2" | 20 bar | F1/2"G – M1/2"G |

**SX-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2309-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2309-415 | 15 m | 1/2" | 20 bar | F1/2"G – M1/2"G |

**SX-550**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2409-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2409-500 | without hose | - | - | F1"G – M3/4"G |
| 071-2409-420 | 20 m | 1/2" | 20 bar | F1/2"G – M1/2"G |
| 071-2409-425 | 25 m | 1/2" | 20 bar | F1/2"G - M 1/2"G |
| 071-2409-510 | 10 m | 3/4" | 20 bar | F1"G – M3/4"G |
| 071-2409-515 | 15 m | 3/4" | 20 bar | F1"G – M3/4"G |

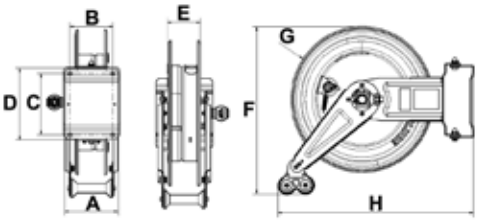
**SX-555**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2509-500 | without hose | - | - | F1"G – M3/4"G |
| 071-2509-520 | 20 m | 3/4" | 20 bar | F1"G – M3/4"G |

## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SX-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 |
| SX-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| SX-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| SX-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR DIESEL 10 bar

Equipped with:
- **Black antistatic rubber hoses**
- Galvanized steel connections
- Galvanized steel - anodized aluminum 90° swivelling joint
- Viton® seals



**FX-460**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-2308-500 | 80 l/min | without hose | - | F1"G – M3/4"G |
| 070-2308-508 | 80 l/min | 8 m | 3/4"- 19x27 | F1"G – M1"G |



**FX-550**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-2408-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-2408-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-2408-515 | 85 l/min | 15m | 3/4"- 19x27 | F1"G – M1"G |
| 070-2408-610 | 95 l/min | 10m | 1" - 25x35 | F1"G – M1"G |



**FX-555**

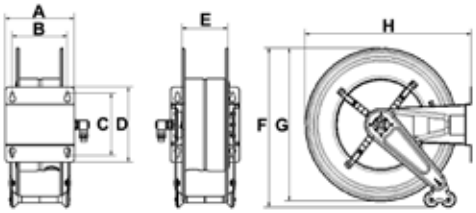
| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-2508-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-2508-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-2508-615 | 90 l/min | 15 m | 1"- 25x35 | F1"G – M1"G |



**FX-560**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-2608-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-2608-530 | 80 l/min | 30 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-2608-540 | 75 l/min | 40 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-2608-620 | 87 l/min | 20 m | 1"- 25x35 | F1"G – M1"G |
| 070-2608-630 | 85 l/min | 30 m | 1"- 25x35 | F1"G – M1"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FX-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| FX-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| FX-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| FX-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR DIESEL 10 bar

Equipped with:
- **Black antistatic rubber hoses**
- Galvanized steel connections
- Galvanized steel - anodized aluminum 90° swivelling joint
- Viton® seals

**FX-460**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-2308-500 | 80 l/min | without hose | - | F1"G – M3/4"G |
| 071-2308-508 | 80 l/min | 8 m | 3/4"- 19x27 | F1"G – M1"G |



**SX-550**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-2408-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 071-2408-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-2408-515 | 85 l/min | 15m | 3/4"- 19x27 | F1"G – M1"G |
| 071-2408-610 | 95 l/min | 10m | 1" - 25x35 | F1"G – M1"G |



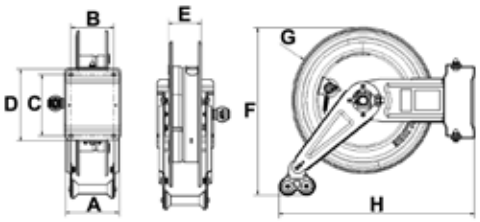
**SX-555**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-2508-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 071-2508-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-2508-615 | 90 l/min | 15 m | 1"- 25x35 | F1"G – M1"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SX-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 |
| SX-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| SX-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR GASOLINE 16 bar

Equipped with:
- **Black antistatic synthetic rubber hoses steel wire helix with high strength syntetic textile plies, copper wire**
- Reference regulations: **EN 1761 - EN 12115 ATEX (EX ZONE)**
- Self-extinguishing according to: **TRbf 131/2**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint - Viton® seals
- **Compliant with ATEX directive (see ATEX regulation at page 390)**

II 2 G Ex h IIB T4 Gb X
II 2 D Ex h IIIC T4 Db



**FX-550**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-2418-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-2418-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-2418-515 | 85 l/min | 15 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-2418-610 | 95 l/min | 10 m | 1" - 25x35 | F1"G – M1"G |



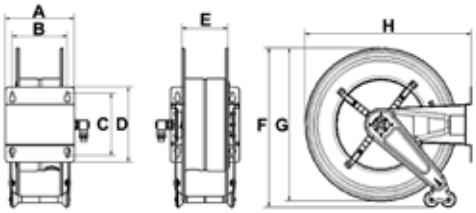
**FX-555**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-2518-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-2518-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-2518-615 | 90 l/min | 15 m | 1" - 25x35 | F1"G – M1"G |



**FX-560**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 070-2618-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 070-2618-530 | 80 l/min | 30 m | 3/4"- 19x27 | F1"G – M1"G |
| 070-2618-620 | 87 l/min | 20 m | 1" - 25x35 | F1"G – M1"G |
| 070-2618-630 | 85 l/min | 30 m | 1" - 25x35 | F1"G – M1"G |




**OVERALL DIMENSIONS FIXED VERSION**

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FX-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| FX-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |
| FX-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00<83,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR GASOLINE 16 bar

Equipped with:
- **Black antistatic synthetic rubber hoses steel wire helix with high strength syntetic textile plies, copper wire**
- Reference regulations: **EN 1761 - EN 12115 ATEX (EX ZONE)**
- Self-extinguishing according to: **TRbf 131/2**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint - Viton® seals
- **Compliant with ATEX directive (see ATEX regulation at page 390)**

II 2 G Ex h IIB T4 Gb X
II 2 D Ex h IIIC T4 Db

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-2418-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 071-2418-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-2418-515 | 85 l/min | 15 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-2418-610 | 95 l/min | 10 m | 1" - 25x35 | F1"G – M1"G |

**SX-550**



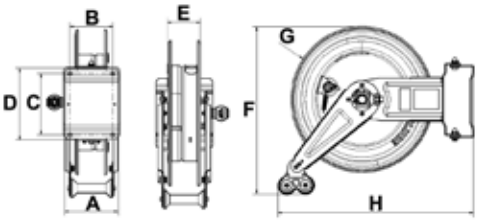
| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 071-2518-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 071-2518-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 071-2518-615 | 90 l/min | 15 m | 1" - 25x35 | F1"G – M1"G |

**SX-555**



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SX-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 |
| SX-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 |



# FIXED AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR FOOD 120°C 15 bar

Equipped with:
- **White EPDM rubber tubes with blue cover**
- Regulations: **DM 21/3/73 e 18/6/79 + FOOD QUALITY F.D.A.**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90°swivelling joint - PTFE Seals



**FX-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2213-400 | without hose | 1/2" | - | F1/2"G – M1/2"G |
| 070-2213-410 | 10 m | 1/2" | 15 bar | F1/2"G – M1/2"G |



**FX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2313-400 | without hose | - | - | F1/2"G – M1/2"G |
| 070-2313-415 | 15 m | 1/2" | 15 bar | F1/2"G – M1/2"G |



**FX-550**

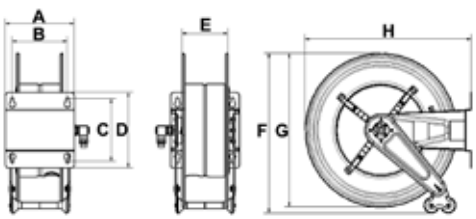
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2413-400 | without hose | 1/2" | - | F1/2"G – M1/2"G |
| 070-2413-500 | without hose | 3/4" | - | F1"G – M3/4"G |
| 070-2413-420 | 20 m | 1/2" | 15 bar | F1/2"G – M1/2"G |
| 070-2413-425 | 25 m | 1/2" | 15 bar | F1/2"G – M1/2"G |
| 070-2413-515 | 15 m | 3/4" | 15 bar | F1"G – M3/4"G |



**FX-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 070-2513-400 | without hose | 1/2" | - | F1/2"G – M1/2"G |
| 070-2513-500 | without hose | 3/4" | - | F1"G – M3/4"G |
| 070-2513-600 | without hose | 1" | - | F1"G – M1"G |
| 070-2513-430 | 30 m | 1/2" | 15 bar | F1/2"G – M1/2"G |
| 070-2513-520 | 20 m | 3/4" | 15 bar | F1"G – M3/4"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FX-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50<19,50 | 0,084 | 1 |
| FX-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50<23,00 | 0,094 | 1 |
| FX-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00<45,00 | 0,130 | 1 |
| FX-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00<53,00 | 0,150 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL FOR FOOD 120°C 15 bar

Equipped with:
- **White EPDM rubber tubes with blue cover**
- Regulations: **DM 21/3/73 e 18/6/79 + FOOD QUALITY F.D.A.**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90° swivelling joint - PTFE Seals

**SX-400**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2213-400 | without hose | 1/2" | - | F1/2"G – M1/2"G |
| 071-2213-410 | 10 m | 1/2" | 15 bar | F1/2"G – M1/2"G |



**SX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2313-400 | without hose | - | - | F1/2"G – M1/2"G |
| 071-2313-415 | 15 m | 1/2" | 15 bar | F1/2"G – M1/2"G |



**SX-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2413-400 | without hose | 1/2" | - | F1/2"G – M1/2"G |
| 071-2413-500 | without hose | 3/4" | - | F1"G – M3/4"G |
| 071-2413-420 | 20 m | 1/2" | 15 bar | F1/2"G – M1/2"G |
| 071-2413-425 | 25 m | 1/2" | 15 bar | F1/2"G – M1/2"G |
| 071-2413-515 | 15 m | 3/4" | 15 bar | F1"G – M3/4"G |



**SX-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 071-2513-400 | without hose | 1/2" | - | F1/2"G – M1/2"G |
| 071-2513-500 | without hose | 3/4" | - | F1"G – M3/4"G |
| 071-2513-600 | without hose | 1" | - | F1"G – M1"G |
| 071-2513-430 | 30 m | 1/2" | 15 bar | F1/2"G – M1/2"G |
| 071-2513-520 | 20 m | 3/4" | 15 bar | F1"G – M3/4"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | N° | B | E | G | D | C | F | A | H |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SX-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50<20,50 | 0,084 | 1 | | | | | | | | |
| SX-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50<24,00 | 0,094 | 1 | | | | | | | | |
| SX-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00<45,00 | 0,130 | 1 | | | | | | | | |
| SX-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00<54,00 | 0,150 | 1 | | | | | | | | |

# FIXED AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL WITHOUT HOSE

**FX-400**



| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-2201-300 | Air-Water 20 bar | brass | Viton® | F3/8"G – M3/8"G |
| 070-2201-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 070-2205-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 070-2205-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-2209-400 | Antifreeze-Windscreen 20 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-2213-400 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1/2"G – M1/2"G |

**FX-460**



| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-2301-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 070-2305-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 070-2305-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-2309-400 | Antifreeze-Windscreen 20 ba | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-2313-400 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1/2"G – M1/2"G |

**FX-550**



| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-2401-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 070-2405-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 070-2405-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-2408-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |
| 070-2409-500 | AdBlue® 20 bar | stainless steel | Viton® | F3/4"G – M3/4"G |
| 070-2413-400 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1/2"G – M1/2"G |
| 070-2413-500 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1"G – M3/4"G |
| 070-2418-600 | Gasoline 16 bar | galvanized steel | Viton® | F1"G – M1"G |

**FX-555**



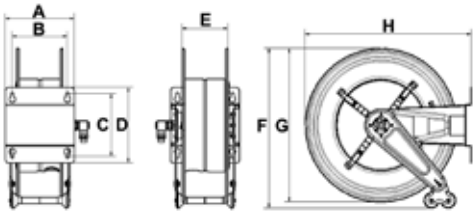
| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-2502-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 070-2502-600 | Air-Water 20 bar | brass | Viton® | F1"G – M1"G |
| 070-2505-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 070-2505-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-2508-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |
| 070-2513-400 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1/2"G – M1/2"G |
| 070-2513-500 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1"G – M3/4"G |
| 070-2513-600 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1"G – M1"G |
| 070-2518-600 | Gasoline 16 bar | stainless steel | Viton® | F1"G – M1"G |

**FX-560**



| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 070-2602-600 | Air-Water 20 bar | brass | Viton® | F1"G – M1"G |
| 070-2605-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 070-2608-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |
| 070-2613-400 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1/2"G – M1/2"G |
| 070-2613-500 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1"G – M3/4"G |
| 070-2613-600 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1"G – M1"G |
| 070-2618-600 | Gasoline 16 bar | stainless steel | Viton® | F1"G – M1"G |

## OVERALL DIMENSIONS FIXED VERSION




| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FX-400 | 158 | 120 | 168 | 192 | 95 | 460 | 400 | 435 | 12,50 | 0,084 | 1 |
| FX-460 | 158 | 120 | 168 | 192 | 95 | 490 | 460 | 490 | 16,50 | 0,094 | 1 |
| FX-550 | 200 | 150 | 225 | 270 | 120 | 590 | 550 | 600 | 22,00 | 0,130 | 1 |
| FX-555 | 250 | 200 | 225 | 270 | 170 | 590 | 550 | 600 | 26,00 | 0,150 | 1 |
| FX-560 | 440 | 390 | 225 | 270 | 360 | 590 | 550 | 600 | 33,00 | 0,240 | 1 |

# SWIVELLING AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL WITHOUT HOSE

**SX-400**

| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 071-2201-300 | Air-Water 20 bar | brass | Viton® | F3/8"G – M3/8"G |
| 071-2201-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 071-2205-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 071-2205-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-2209-400 | Antifreeze-Windscreen 20 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-2213-400 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1/2"G – M1/2"G |



**SX-460**

| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 071-2301-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 071-2305-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 071-2305-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-2309-400 | Antifreeze-Windscreen 20 ba | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-2313-400 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1/2"G – M1/2"G |



**SX-550**

| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 071-2401-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 071-2405-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 071-2405-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-2408-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |
| 071-2409-500 | AdBlue® 20 bar | stainless steel | Viton® | F3/4"G – M3/4"G |
| 071-2413-400 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1/2"G – M1/2"G |
| 071-2413-500 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1"G – M3/4"G |
| 071-2418-600 | Gasoline 16 bar | galvanized steel | Viton® | F1"G – M1"G |



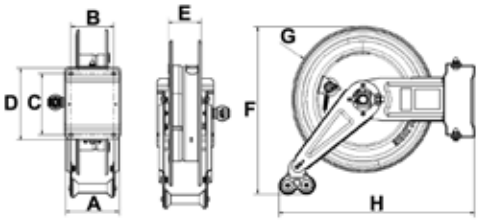
**SX-555**

| Article | Fluid dispensed | 90°swivelling joint | Seals | Inlet-Outlet |
|---|---|---|---|---|
| 071-2502-400 | Air-Water 20 bar | brass | Viton® | F1/2"G – M1/2"G |
| 071-2502-600 | Air-Water 20 bar | brass | Viton® | F1"G – M1"G |
| 071-2505-300 | Water 150°C 400 bar | stainless steel | Viton® | F3/8"G – M3/8"G |
| 071-2505-400 | Water 150°C 400 bar | stainless steel | Viton® | F1/2"G – M1/2"G |
| 071-2508-600 | Diesel 10 bar | galvanized steel | Viton® | F1"G – M1"G |
| 071-2513-400 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1/2"G – M1/2"G |
| 071-2513-500 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1"G – M3/4"G |
| 071-2513-600 | Food quality F.D.A. 15 bar | stainless steel | PTFE | F1"G – M1"G |
| 071-2518-600 | Gasoline 16 bar | stainless steel | Viton® | F1"G – M1"G |



## OVERALL DIMENSIONS SWIVELLING VERSION

| Mod. | A | B | C | D | E | F | G | H | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SX-400 | 150 | 120 | 168 | 196 | 95 | 460 | 400 | 550 | 13,50 | 0,084 | 1 |
| SX-460 | 150 | 120 | 168 | 196 | 95 | 490 | 460 | 575 | 17,50 | 0,094 | 1 |
| SX-550 | 200 | 150 | 225 | 270 | 120 | 572 | 550 | 680 | 23,00 | 0,130 | 1 |
| SX-555 | 250 | 200 | 225 | 270 | 170 | 572 | 550 | 680 | 27,00 | 0,150 | 1 |



# PLASTIC AUTOMATIC CABLE REELS WITH ELECTRIC CABLE AND SWIVELLING BRACKET

| Article | Cable lenght | Cable type | Power with rolled cable | Power with unwound cable | Inlet | Outlet | Type of socket |
|---|---|---|---|---|---|---|---|
| 078-3420-310 | 10 m | 3GX1,5 mm² H05VV-F | 800 W | 2000 W | 230 V | 230 V | Schuko |

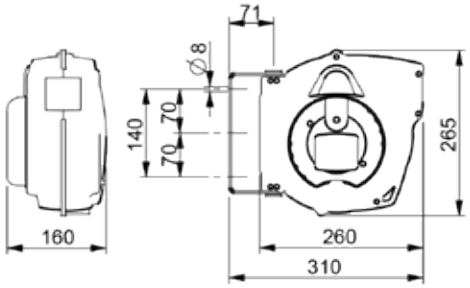


ES-260

## Automatic cable reel Mod. ES-260 3GX1,5 l 10 m

- Automatic spring rewinding
- Plastic outer casing
- Steel swivelling wall bracket
- User can stop the cable at the required lenght
- CE approved
- TÜV approved

| | Kg | m³ | Nº |
|---|---|---|---|
| 078-3420-310 | 3,800 | 0,007 | 1 |




| Article | Cable lenght | Cable type | Power with rolled cable | Power with unwound cable | Inlet | Outlet | Type of socket |
|---|---|---|---|---|---|---|---|
| 078-3423-315 | 15 m | 3GX1,5 mm² H05VV-F | 800 W | 2000 W | 230 V | 230 V | Schuko |

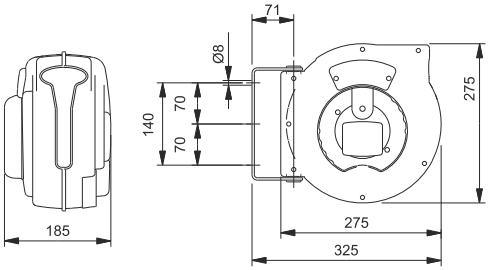


ES-275

## Automatic cable reel Mod. ES-275 3GX1,5 l 15 m

- Automatic spring rewinding
- Plastic outer casing
- Steel swivelling wall bracket
- User can stop the cable at the required lenght
- CE approved
- TÜV approved

| | Kg | m³ | Nº |
|---|---|---|---|
| 078-3423-315 | 4,500 | 0,018 | 1 |




| Article | Cable lenght | Cable type | Power with rolled cable | Power with unwound cable | Inlet | Outlet | Type of socket |
|---|---|---|---|---|---|---|---|
| 078-3423-410 | 10 m | 3GX2,5 mm² H07RN-F | 1600 W | 3000 W | 230 V | 230 V | Schuko |

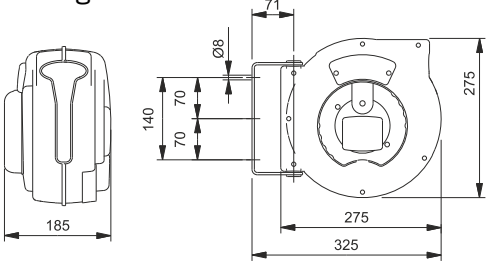


ES-275

## Automatic cable reel Mod. ES-275 3GX2,5 l 10 m

- Automatic spring rewinding
- Plastic outer casing
- Steel swivelling wall bracket
- User can stop the cable at the required lenght
- CE approved
- TÜV approved

| | Kg | m³ | Nº |
|---|---|---|---|
| 078-3423-410 | 5,100 | 0,018 | 1 |



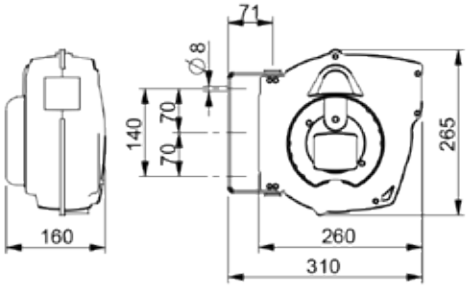
# PLASTIC AUTOMATIC CABLE REELS WITH ELECTRIC CABLE AND SWIVELLING BRACKET AND PORTABLE LAMP

| Article | Cable lenght | Cable type | Inlet voltage | Outlet voltage | Led light | Light power |
|---|---|---|---|---|---|---|
| 078-3435-215 | 15 m | 2GX1 mm² H05RN-F | 12V / 24V~AC | 12V / 24V~AC | 18 Led | 900 lumen |

## Automatic cable reel without transformer Mod. ES-260L l 15 m

- Automatic spring rewinding
- Plastic outer casing
- Steel swivelling wall bracket
- User can stop the cable at the required lenght
- **With portable lamp 18 Led**
- CE approved
- TÜV approved

| | Kg | m³ | № |
|---|---|---|---|
| 078-3435-215 | 3,900 | 0,028 | 1 |





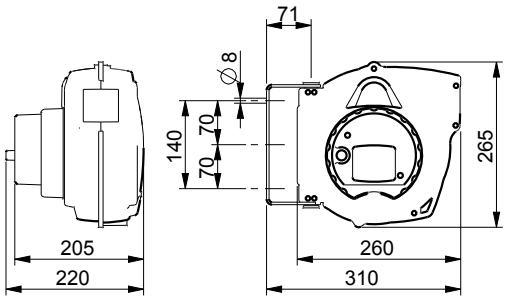

ES-260L

| Article | Cable lenght | Cable type | Inlet voltage | Outlet voltage | Led light | Light power |
|---|---|---|---|---|---|---|
| 078-3440-215 | 15 m | 2GX1 mm² H05RN-F | 230V | da 12V a 24V | 18 Led | 900 lumen |

## Automatic cable reel with transformer Mod. ES-260L l 15 m

- Automatic spring rewinding
- Plastic outer casing
- Steel swivelling wall bracket
- User can stop the cable at the required lenght
- **With portable lamp 18 Led**
- CE approved
- TÜV approved

| | Kg | m³ | № |
|---|---|---|---|
| 078-3440-215 | 4,400 | 0,028 | 1 |





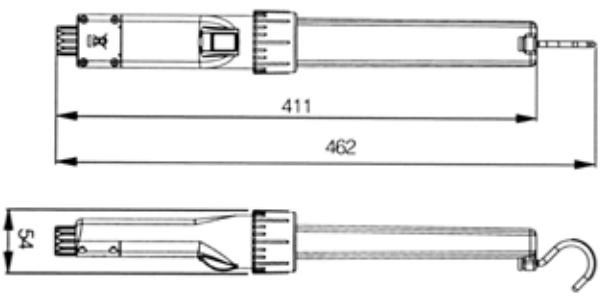

ES-260L

| Article | Operating voltage | N° LED | Light power | Protection rating |
|---|---|---|---|---|
| 078-3448-018 | 12V / 24V~AC | 18 | 900 lumen | IP65 |

## Led portable lamp

- Transparent protective cover
- Non-slip handle with switch
- Adjustable hook
- **With lamp 18 Led**
- Usage voltage 12 - 24V

| | Kg | m³ | № |
|---|---|---|---|
| 078-3448-018 | 0,350 | 0,002 | 1 |






ES-260L

# PLASTIC AUTOMATIC GROUNDING CABLE REELS WITH SWIVELLING BRACKET



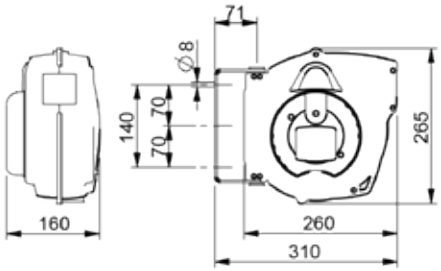
**ES-260MT**

| Article | Cable length | Type cable | Clamp |
|---|---|---|---|
| 078-3450-615 | 15 m | 1X6 mm² H07V-K | - |

**Automatic grounding cable reel Mod. ES-260MT**

- Automatic spring rewinding
- Plastic outer casing
- Steel swivelling wall bracket
- User can stop the cable at the required lenght
- Unipolar yellow/green cable 15m X 6 mm²
- CE approved

| MECLUBE | Kg | m³ | Nº |
|---|---|---|---|
| 078-3450-615 | 2,800 | 0,015 | 1 |





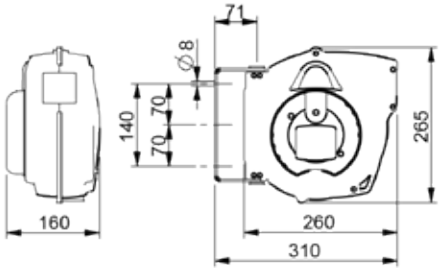

**ES-260PT**

| Article | Cable length | Type cable | Clamp |
|---|---|---|---|
| 078-3452-615 | 15 m | 1X6 mm² H07V-K | Grounding 100 A |

**Automatic grounding cable reel Mod. ES-260PT**

- Automatic spring rewinding
- Plastic outer casing
- Steel swivelling wall bracket
- User can stop the cable at the required lenght
- Unipolar yellow/green cable 15m X 6 mm²
- Grounding clamp 80 A
- CE approved

| MECLUBE | Kg | m³ | Nº |
|---|---|---|---|
| 078-3452-615 | 3,200 | 0,015 | 1 |





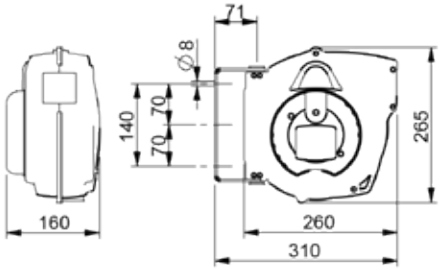

**ES-260PTA**

| Article | Cable length | Type cable | Clamp |
|---|---|---|---|
| 078-3454-615 | 15 m | 1X6 mm² H07V-K | Explosion - proof |

**Automatic grounding cable reel Mod. ES-260PTA**

- Automatic spring rewinding
- Plastic outer casing
- Steel swivelling wall bracket
- User can stop the cable at the required lenght
- Unipolar yellow/green cable 15m X 6 mm²
- Explosion - proof grounding clamp according to standard directive 94/9CE CESI 03 ATEX 101X insulation voltage: 3kV - rated current: 10A
- CE approved

| MECLUBE | Kg | m³ | Nº |
|---|---|---|---|
| 078-3454-615 | 3,800 | 0,023 | 1 |



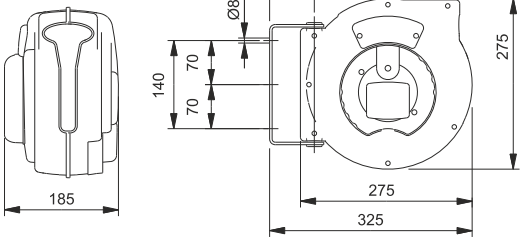

The grounding cable reel is used during the transfer of flammable liquids in order to avoid the accumulation of dangerous electrostatic charges

# PLASTIC AUTOMATIC HOSE REELS FOR AIR FROM 10 TO 20 bar

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-3401-112 | 12+1 m | 6x10 | 10 bar | F1/4"G – M1/4"G |
| 075-3401-209 | 9+1 m | 8x12 | 10 bar | F1/4"G – M1/4"G |

Equipped with:
- **Polyurethane blue hoses 10 bar**
- Nickel-plated brass connections
- Swivelling joint 90° nickel-plated brass
- Viton® seals

| | Kg | m³ | № |
|---|---|---|---|
| 075-3401-112 | 3,600 | 0,018 | 1 |
| 075-3401-209 | 3,430 | 0,018 | 1 |



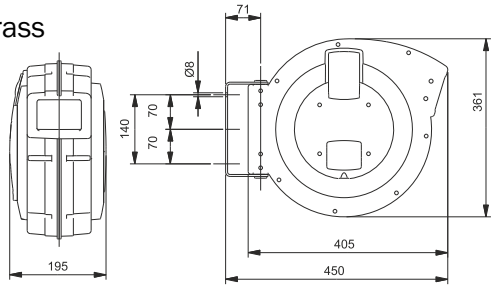



**CS-275**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-3601-215 | 15 m | 8x12 | 15 bar | F1/4"G – M1/4"G |
| 075-3601-315 | 14+1 m | 10x14 | 15 bar | F3/8"G – M3/8"G |

Equipped with:
- **Polyurethane blue hoses 15 bar**
- Nickel-plated brass connections
- Swivelling joint 90° nickel-plated brass
- Viton® seals

| | Kg | m³ | № |
|---|---|---|---|
| 075-3601-215 | 5,170 | 0,038 | 1 |
| 075-3601-315 | 5,620 | 0,038 | 1 |






**CS-360**

## FIXED AND SWIVELLING CLOSED HOSE REELS IN PAINTED STEEL FOR AIR-WATER 20 bar

Equipped with:
- **Polyurethane blue hoses 20 bar**
- Nickel-plated brass connections
- Swivelling joint 90° nickel-plated brass
- Viton® seals

### FIXED VERSION CF-300

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-4301-211 | 11+1,5 m | 8x12 | 20 bar | F1/4"G – M1/4"G gir |

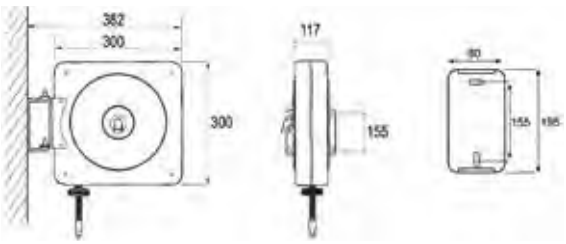


**CF-300**

### SWIVELLING VERSION CS-300

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-4301-211 | 11+1,5 m | 8x12 | 20 bar | F1/4"G – M1/4"G gir |

| | Kg | m³ | № |
|---|---|---|---|
| 074-4301-211 | 11,700 | 0,030 | 1 |
| 075-4301-211 | 12,440 | 0,030 | 1 |






**CS-300**

## FOR AIR-WATER 28 bar

Equipped with:
- **Black synthetic rubber hoses R6**
- Galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals



**CF-500**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-4502-300 | without hose | - | - | F1/2"G – M3/8"G |
| 074-4502-400 | without hose | - | - | F1/2"G – M1/2"G |
| 074-4502-212 | 12 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 074-4502-218 | 18 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 074-4502-310 | 10 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 074-4502-318 | 18 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 074-4502-410 | 10 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 074-4502-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |

## FOR WATER 150°C 200 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals



**CF-500**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-4505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 074-4504-210 | 10 m | 5/16" | 200 bar | F1/2"G – M3/8"G |
| 074-4504-215 | 15 m | 5/16" | 200 bar | F1/2"G – M3/8"G |
| 074-4504-310 | 10 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 074-4504-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 074-4504-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |

## FOR WATER 150°C 400 bar

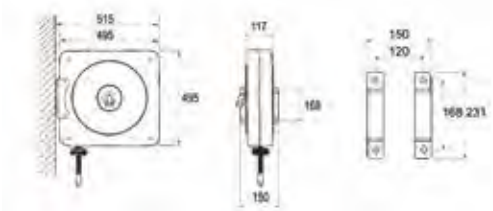
Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals



**CF-500**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-4505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 074-4505-310 | 10 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 074-4505-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 074-4505-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |

| | Kg | m³ | |
|---|---|---|---|
| CF-500 | 22,900<29,850 | 0,094 | 1 |



# SWIVELLING CLOSED HOSE REELS IN PAINTED STEEL

## FOR AIR-WATER 28 bar

Equipped with:
- **Black synthetic rubber hoses R6**
- Galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-4502-300 | without hose | - | - | F1/2"G – M3/8"G |
| 075-4502-400 | without hose | - | - | F1/2"G – M1/2"G |
| 075-4502-212 | 12 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 075-4502-218 | 18 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 075-4502-310 | 10 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 075-4502-318 | 18 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 075-4502-410 | 10 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 075-4502-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |

**CS-500**



## FOR WATER 150°C 200 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-4505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 075-4504-210 | 10 m | 5/16" | 200 bar | F1/2"G – M3/8"G |
| 075-4504-215 | 15 m | 5/16" | 200 bar | F1/2"G – M3/8"G |
| 075-4504-310 | 10 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 075-4504-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 075-4504-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |

**CS-500**



## FOR WATER 150°C 400 bar

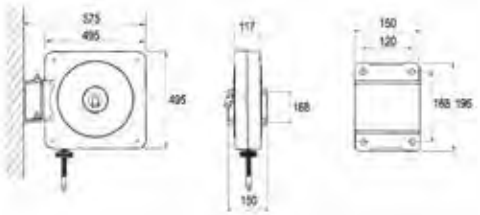
Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-4505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 075-4505-310 | 10 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 075-4505-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 075-4505-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |

**CS-500**



| MECLUBE | Kg | m³ | Nº |
|---|---|---|---|
| CS-500 | 23,600<30,550 | 0,094 | 1 |



## FOR OIL FROM 160 TO 180 bar



Equipped with:
- **Black synthetic rubber hoses 1SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals

**CF-500**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-4506-400 | without hose | - | - | F1/2"G – M1/2"G |
| 074-4506-318 | 18 m | 3/8" | 180 bar | F1/2"G – M1/2"G |
| 074-4506-410 | 10 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 074-4506-415 | 15 m | 1/2" | 160 bar | F1/2"G – M1/2"G |

## FOR GREASE FROM 330 TO 400 bar



Equipped with:
- **Black synthetic rubber hoses 2SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals

**CF-500**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-4507-200 | without hose | - | - | M1/4"G – M1/4"G |
| 074-4507-300 | without hose | - | - | M3/8"G – M3/8"G |
| 074-4507-110 | 10 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 074-4507-115 | 15 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 074-4507-118 | 18 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 074-4507-310 | 10 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 074-4507-315 | 15 m | 3/8" | 330 bar | M3/8"G – M3/8"G |

## FOR ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar

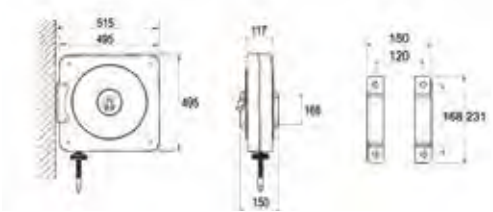


Equipped with:
- **Black antistatic synthetic rubber EPDM hoses**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90°swivelling joint
- Viton® seals
- **Stainless steel** reel shaft

**CF-500**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-4509-400 | without hose | - | - | F1/2"G – M1/2"G |
| 074-4509-410 | 10 m | 1/2" | 20 bar | F1/2"G – M1/2"G |
| 074-4509-415 | 15 m | 1/2" | 20 bar | F1/2"G – M1/2"G |

| | Kg | m³ | Nº |
|---|---|---|---|
| CF-500 | 22,900<29,850 | 0,094 | 1 |



# SWIVELLING CLOSED HOSE REELS IN PAINTED STEEL

## FOR OIL FROM 160 TO 180 bar

Equipped with:
- **Black synthetic rubber hoses 1SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-4506-400 | without hose | - | - | F1/2"G – M1/2"G |
| 075-4506-318 | 18 m | 3/8" | 180 bar | F1/2"G – M1/2"G |
| 075-4506-410 | 10 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 075-4506-415 | 15 m | 1/2" | 160 bar | F1/2"G – M1/2"G |

**CS-500**



## FOR GREASE FROM 330 TO 400 bar

Equipped with:
- **Black synthetic rubber hoses 2SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-4507-200 | without hose | - | - | M1/4"G – M1/4"G |
| 075-4507-300 | without hose | - | - | M3/8"G – M3/8"G |
| 075-4507-110 | 10 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 075-4507-115 | 15 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 075-4507-118 | 18 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 075-4507-310 | 10 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 075-4507-315 | 15 m | 3/8" | 330 bar | M3/8"G – M3/8"G |

**CS-500**



## FOR ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar

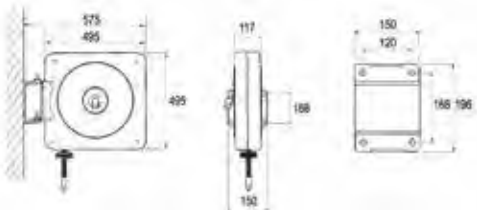
Equipped with:
- **Black antistatic synthetic rubber EPDM hoses**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90°swivelling joint
- Viton® seals
- **Stainless steel** reel shaft

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-4509-400 | without hose | - | | F1/2"G – M1/2"G |
| 075-4509-410 | 10 m | 1/2" | 20 bar | F1/2"G – M1/2"G |
| 075-4509-415 | 15 m | 1/2" | 20 bar | F1/2"G – M1/2"G |

**CS-500**



| | | | |
|---|---|---|---|
| CS-500 | 23,600<30,550 | 0,094 | 1 |



## FOR AIR-WATER 28 bar

Equipped with:
- **Black synthetic rubber hoses R6**
- Galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals



**CFX-500**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-5502-300 | without hose | - | - | F1/2"G – M3/8"G |
| 074-5502-400 | without hose | - | - | F1/2"G – M1/2"G |
| 074-5502-212 | 12 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 074-5502-218 | 18 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 074-5502-310 | 10 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 074-5502-318 | 18 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 074-5502-410 | 10 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 074-5502-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |

## FOR WATER 150°C 200 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals



**CFX-500**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-5505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 074-5504-210 | 10 m | 5/16" | 200 bar | F1/2"G – M3/8"G |
| 074-5504-215 | 15 m | 5/16" | 200 bar | F1/2"G – M3/8"G |
| 074-5504-310 | 10 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 074-5504-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 074-5504-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |

## FOR WATER 150°C 400 bar

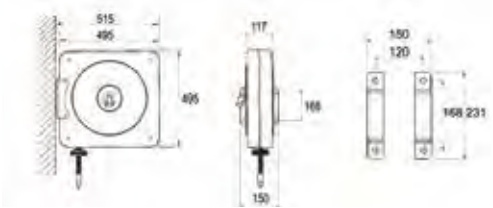
Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals



**CFX-500**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 074-5505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 074-5505-310 | 10 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 074-5505-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 074-5505-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |

| | Kg | m³ | |
|---|---|---|---|
| CFX-500 | 22,900< 29,850 | 0,094 | 1 |



# SWIVELLING CLOSED HOSE REELS IN AISI 304 STAINLESS STEEL

## FOR AIR-WATER 28 bar

Equipped with:
- **Black synthetic rubber hoses R6**
- Galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-5502-300 | without hose | - | - | F1/2"G – M3/8"G |
| 075-5502-400 | without hose | - | - | F1/2"G – M1/2"G |
| 075-5502-212 | 12 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 075-5502-218 | 18 m | 5/16" | 28 bar | F1/2"G – M1/4"G |
| 075-5502-310 | 10 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 075-5502-318 | 18 m | 3/8" | 28 bar | F1/2"G – M3/8"G |
| 075-5502-410 | 10 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 075-5502-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |

**CSX-500**



## FOR WATER 150°C 200 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-5505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 075-5504-210 | 10 m | 5/16" | 200 bar | F1/2"G – M3/8"G |
| 075-5504-215 | 15 m | 5/16" | 200 bar | F1/2"G – M3/8"G |
| 075-5504-310 | 10 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 075-5504-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 075-5504-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |

**CSX-500**



## FOR WATER 150°C 400 bar

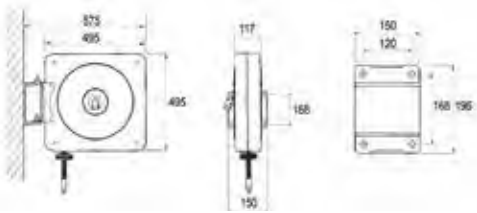
Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 075-5505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 075-5505-310 | 10 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 075-5505-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 075-5505-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |

**CSX-500**



| | | | |
|---|---|---|---|
| CSX-500 | 23,600<30,550 | 0,094 | 1 |





# FIXED MANUAL HOSE REELS IN PAINTED STEEL AND AISI 304 STAINLESS STEEL

These fixed manual hose reels, in painted steel and AISI 304 stainless steel, are suitable for flexible hoses for the delivery of compressed air, water, oil and similar fluids, grease, diesel, antifreeze, windscreen, AdBlue®.
They are equipped with a practical revolving flick folding handgrip, the hose winding is fast and safe.
They allow to have a workplace which gives the possibility to work in a tidy way. You always have a ready-to-use equipment that ensures to work safely.



revolving flick folding handgrip





revolving flick folding handgrip

# FIXED MANUAL HOSE REELS IN PAINTED STEEL FOR AIR-WATER HOSES FROM 20 TO 28 bar

Equipped with:
- Galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals
- Revolving flick folding handgrip



**FM-400**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1201-300 | without hose | Ø 3/8" - max 15 m | F1/2"G – M3/8"G |
| 077-1201-400 | without hose | Ø 1/2" - max 10 m | F1/2"G – M1/2"G |



**FM-460**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1301-300 | without hose | Ø 3/8" - max 18 m | F1/2"G – M3/8"G |
| 077-1301-400 | without hose | Ø 1/2" - max 15 m | F1/2"G – M1/2"G |



**FM-550**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1401-400 | without hose | Ø 1/2" - max 25 m | F1/2"G – M1/2"G |
| 077-1402-500 | without hose | Ø 3/4" - max 15 m | F1"G – M3/4"G |



**FM-555**

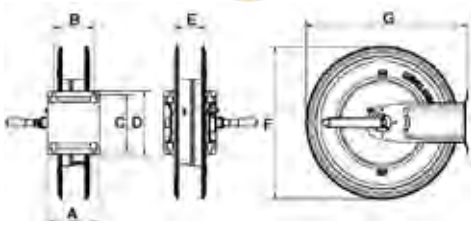
| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1502-400 | without hose | Ø 1/2" - max 30 m | F1/2"G – M1/2"G |
| 077-1502-500 | without hose | Ø 3/4" - max 20 m | F1"G – M3/4"G |
| 077-1502-600 | without hose | Ø 1" - max 15 m | F1"G – M1"G |



**FM-560**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1602-400 | without hose | Ø 1/2" - max 50 m | F1/2"G – M1/2"G |
| 077-1602-500 | without hose | Ø 3/4" - max 40 m | F1"G – M3/4"G |
| 077-1602-600 | without hose | Ø 1" - max 30 m | F1"G – M1"G |

## OVERALL DIMENSIONS




| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FM-400 | 158 | 120 | 168 | 192 | 95 | 400 | 435 | 9,85<9,85 | 0,084 | 1 |
| FM-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 11,31<11,34 | 0,094 | 1 |
| FM-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 16,21<16,83 | 0,130 | 1 |
| FM-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,77<17,83 | 0,150 | 1 |
| FM-560 | 440 | 390 | 225 | 270 | 360 | 550 | 600 | 25,75<26,38 | 0,240 | 1 |

# FIXED MANUAL HOSE REELS IN PAINTED STEEL FOR WATER HOSES 150°C FROM 200 TO 400 bar

Equipped with:
- **AISI 316 stainless steel** connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals
- Revolving flick folding handgrip

**FM-400**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1205-300 | without hose | Ø 3/8" - max 15 m | F1/2"G – M3/8"G |
| 077-1205-400 | without hose | Ø 1/2" - max 10 m | F1/2"G – M1/2"G |

**FM-460**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1305-300 | without hose | Ø 3/8" - max 18 m | F1/2"G – M3/8"G |
| 077-1305-400 | without hose | Ø 1/2" - max 15 m | F1/2"G – M1/2"G |

**FM-550**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1405-400 | without hose | Ø 1/2" - max 25 m | F1/2"G – M1/2"G |
| 077-1405-500 | without hose | Ø 3/4" - max 15 m | F1"G – M3/4"G |

**FM-555**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1505-400 | without hose | Ø 1/2" - max 30 m | F1/2"G – M1/2"G |
| 077-1505-500 | without hose | Ø 3/4" - max 20 m | F1"G – M3/4"G |
| 077-1505-600 | without hose | Ø 1" - max 15 m | F1"G – M1"G |

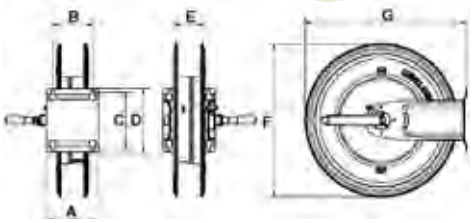
**FM-560**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1605-400 | without hose | Ø 1/2" - max 50 m | F1/2"G – M1/2"G |
| 077-1605-500 | without hose | Ø 3/4" - max 40 m | F1"G – M3/4"G |
| 077-1605-600 | without hose | Ø 1" - max 30 m | F1"G – M1"G |

## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FM-400 | 158 | 120 | 168 | 192 | 95 | 400 | 435 | 9,85<9,85 | 0,084 | 1 |
| FM-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 11,31<11,34 | 0,094 | 1 |
| FM-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 16,21<16,83 | 0,130 | 1 |
| FM-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,77<17,83 | 0,150 | 1 |
| FM-560 | 440 | 390 | 225 | 270 | 360 | 550 | 600 | 25,75<26,38 | 0,240 | 1 |



# FIXED MANUAL HOSE REELS IN PAINTED STEEL FOR OIL AND SIMILAR HOSES FROM 88 TO 180 bar

Equipped with:
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals
- Revolving flick folding handgrip



**FM-400**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1206-300 | without hose | Ø 3/8" - max 15 m | F1/2"G – M3/8"G |
| 077-1206-400 | without hose | Ø 1/2" - max 10 m | F1/2"G – M1/2"G |



**FM-460**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1306-300 | without hose | Ø 3/8" - max 18 m | F1/2"G – M3/8"G |
| 077-1306-400 | without hose | Ø 1/2" - max 15 m | F1/2"G – M1/2"G |



**FM-550**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1406-400 | without hose | Ø 1/2" - max 25 m | F1/2"G – M1/2"G |
| 077-1406-500 | without hose | Ø 3/4" - max 15 m | F1"G – M3/4"G |



**FM-555**

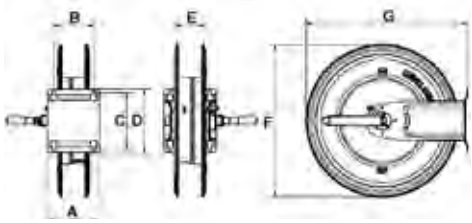
| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1506-400 | without hose | Ø 1/2" - max 30 m | F1/2"G – M1/2"G |
| 077-1506-500 | without hose | Ø 3/4" - max 20 m | F1"G – M3/4"G |
| 077-1506-600 | without hose | Ø 1" - max 15 m | F1"G – M1"G |



**FM-560**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1606-400 | without hose | Ø 1/2" - max 50 m | F1/2"G – M1/2"G |
| 077-1606-500 | without hose | Ø 3/4" - max 40 m | F1"G – M3/4"G |
| 077-1606-600 | without hose | Ø 1" - max 30 m | F1"G – M1"G |

## OVERALL DIMENSIONS




| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FM-400 | 158 | 120 | 168 | 192 | 95 | 400 | 435 | 9,85<9,85 | 0,084 | 1 |
| FM-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 11,31<11,34 | 0,094 | 1 |
| FM-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 16,21<16,83 | 0,130 | 1 |
| FM-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,77<17,83 | 0,150 | 1 |
| FM-560 | 440 | 390 | 225 | 270 | 360 | 550 | 600 | 25,75<26,38 | 0,240 | 1 |

# FIXED MANUAL HOSE REELS IN PAINTED STEEL FOR GREASE HOSES FROM 275 TO 400 bar

Equipped with:
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals
- Revolving flick folding handgrip

**FM-400**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1207-200 | without hose | Ø 1/4" - max 15 m | M1/4"G – M1/4"G |
| 077-1207-300 | without hose | Ø 3/8" - max 10 m | M3/8"G – M3/8"G |
| 077-1207-400 | without hose | Ø 1/2" - max 10 m | M1/2"G – M1/2"G |

**FM-460**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1307-200 | without hose | Ø 1/4" - max 18 m | M1/4"G – M1/4"G |
| 077-1307-300 | without hose | Ø 3/8" - max 15 m | M3/8"G – M3/8"G |
| 077-1307-400 | without hose | Ø 1/2" - max 15 m | M1/2"G – M1/2"G |

**FM-550**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1407-300 | without hose | Ø 3/8" - max 25 m | M3/8"G – M3/8"G |
| 077-1407-400 | without hose | Ø 1/2" - max 25 m | M1/2"G – M1/2"G |

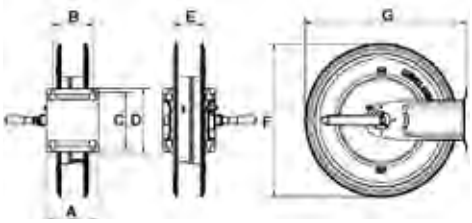
**FM-555**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1507-300 | without hose | Ø 3/8" - max 30 m | M3/8"G – M3/8"G |
| 077-1507-400 | without hose | Ø 1/2" - max 30 m | M1/2"G – M1/2"G |

## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FM-400 | 158 | 120 | 168 | 192 | 95 | 400 | 435 | 9,85<9,85 | 0,084 | 1 |
| FM-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 11,31<11,34 | 0,094 | 1 |
| FM-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 16,21<16,83 | 0,130 | 1 |
| FM-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,77<17,83 | 0,150 | 1 |



# FIXED MANUAL HOSE REELS IN PAINTED STEEL FOR DIESEL HOSES 10 bar

Equipped with:
- Galvanized steel connections
- Galvanized steel - anodized aluminium 90° swivelling joint
- Viton® seals
- Revolving flick folding handgrip



**FM-460**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1308-500 | without hose | Ø 3/4" - max 8 m | F1"G – M3/4"G |



**FM-550**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1408-600 | without hose | Ø 3/4" - max 15 m | F1"G – M1"G |
| 077-1408-600 | without hose | Ø 1" - max 10 m | F1"G – M1"G |



**FM-555**

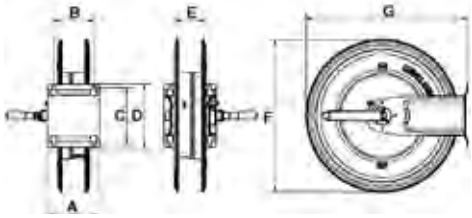
| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1508-600 | without hose | Ø 3/4" - max 20 m | F1"G – M1"G |
| 077-1508-600 | without hose | Ø 1" - max 15 m | F1"G – M1"G |



**FM-560**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-1608-600 | without hose | Ø 3/4" - max 40 m | F1"G – M1"G |
| 077-1608-600 | without hose | Ø 1" - max 30 m | F1"G – M1"G |

## OVERALL DIMENSIONS




| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FM-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 11,00<11,00 | 0,084 | 1 |
| FM-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 15,90<15,90 | 0,094 | 1 |
| FM-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,32<17,32 | 0,130 | 1 |
| FM-560 | 440 | 390 | 225 | 270 | 360 | 550 | 600 | 25,90<25,90 | 0,150 | 1 |

# FIXED MANUAL HOSE REELS IN AISI 304 STAINLESS STEEL FOR AIR-WATER HOSES FROM 20 TO 28 bar

Equipped with:
- Galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals
- **AISI 304 stainless steel** revolving flick folding handgrip

**FMX-400**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2201-300 | without hose | Ø 3/8" - max 15 m | F1/2"G – M3/8"G |
| 077-2201-400 | without hose | Ø 1/2" - max 10 m | F1/2"G – M1/2"G |

**FMX-460**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2301-300 | without hose | Ø 3/8" - max 18 m | F1/2"G – M3/8"G |
| 077-2301-400 | without hose | Ø 1/2" - max 15 m | F1/2"G – M1/2"G |

**FMX-550**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2401-400 | without hose | Ø 1/2" - max 25 m | F1/2"G – M1/2"G |
| 077-2402-500 | without hose | Ø 3/4" - max 15 m | F1"G – M3/4"G |

**FMX-555**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2502-400 | without hose | Ø 1/2" - max 30 m | F1/2"G – M1/2"G |
| 077-2502-500 | without hose | Ø 3/4" - max 20 m | F1"G – M3/4"G |
| 077-2502-600 | without hose | Ø 1" - max 15 m | F1"G – M1"G |

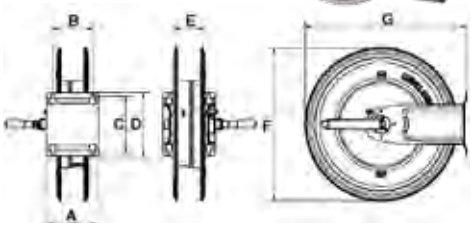
**FMX-560**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2602-400 | without hose | Ø 1/2" - max 50 m | F1/2"G – M1/2"G |
| 077-2602-500 | without hose | Ø 3/4" - max 40 m | F1"G – M3/4"G |
| 077-2602-600 | without hose | Ø 1" - max 30 m | F1"G – M1"G |

## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FMX-400 | 158 | 120 | 168 | 192 | 95 | 400 | 435 | 8,85<8,85 | 0,084 | 1 |
| FMX-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 10,71<10,80 | 0,094 | 1 |
| FMX-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 15,96<16,33 | 0,130 | 1 |
| FMX-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,22<17,83 | 0,150 | 1 |
| FMX-560 | 440 | 390 | 225 | 270 | 360 | 550 | 600 | 25,75<26,38 | 0,240 | 1 |



# FIXED MANUAL HOSE REELS IN AISI 304 STAINLESS STEEL FOR WATER HOSES 150°C FROM 200 TO 400 bar

Equipped with:
- **AISI 316 stainless steel** connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals
- **AISI 304 stainless steel** revolving flick folding handgrip



**FMX-400**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2205-300 | without hose | Ø 3/8" - max 15 m | F1/2"G – M3/8"G |
| 077-2205-400 | without hose | Ø 1/2" - max 10 m | F1/2"G – M1/2"G |



**FMX-460**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2305-300 | without hose | Ø 3/8" - max 18 m | F1/2"G – M3/8"G |
| 077-2305-400 | without hose | Ø 1/2" - max 15 m | F1/2"G – M1/2"G |



**FMX-550**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2405-400 | without hose | Ø 1/2" - max 25 m | F1/2"G – M1/2"G |
| 077-2405-500 | without hose | Ø 3/4" - max 15 m | F1"G – M3/4"G |



**FMX-555**

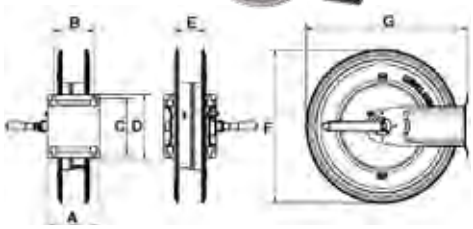
| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2505-400 | without hose | Ø 1/2" - max 30 m | F1/2"G – M1/2"G |
| 077-2505-500 | without hose | Ø 3/4" - max 20 m | F1"G – M3/4"G |
| 077-2505-600 | without hose | Ø 1" - max 15 m | F1"G – M1"G |



**FMX-560**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2605-400 | without hose | Ø 1/2" - max 50 m | F1/2"G – M1/2"G |
| 077-2605-500 | without hose | Ø 3/4" - max 40 m | F1"G – M3/4"G |
| 077-2605-600 | without hose | Ø 1" - max 30 m | F1"G – M1"G |

## OVERALL DIMENSIONS




| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FMX-400 | 158 | 120 | 168 | 192 | 95 | 400 | 435 | 8,85<8,85 | 0,084 | 1 |
| FMX-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 10,71<10,80 | 0,094 | 1 |
| FMX-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 15,96<16,33 | 0,130 | 1 |
| FMX-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,22<17,83 | 0,150 | 1 |
| FMX-560 | 440 | 390 | 225 | 270 | 360 | 550 | 600 | 25,75<26,38 | 0,240 | 1 |

# FIXED MANUAL HOSE REELS IN AISI 304 STAINLESS STEEL FOR OIL AND SIMILAR HOSES FROM 88 TO 180 bar

Equipped with:
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals
- **AISI 304 stainless steel** revolving flick folding handgrip

**FMX-400**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2206-300 | without hose | Ø 3/8" - max 15 m | F1/2"G – M3/8"G |
| 077-2206-400 | without hose | Ø 1/2" - max 10 m | F1/2"G – M1/2"G |

**FMX-460**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2306-300 | without hose | Ø 3/8" - max 18 m | F1/2"G – M3/8"G |
| 077-2306-400 | without hose | Ø 1/2" - max 15 m | F1/2"G – M1/2"G |

**FMX-550**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2406-400 | without hose | Ø 1/2" - max 25 m | F1/2"G – M1/2"G |
| 077-2406-500 | without hose | Ø 3/4" - max 15 m | F1"G – M3/4"G |

**FMX-555**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2506-400 | without hose | Ø 1/2" - max 30 m | F1/2"G – M1/2"G |
| 077-2506-500 | without hose | Ø 3/4" - max 20 m | F1"G – M3/4"G |
| 077-2506-600 | without hose | Ø 1" - max 15 m | F1"G – M1"G |

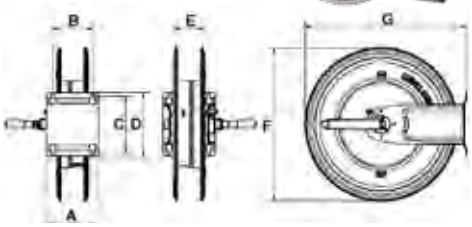
**FMX-560**



| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2606-400 | without hose | Ø 1/2" - max 50 m | F1/2"G – M1/2"G |
| 077-2606-500 | without hose | Ø 3/4" - max 40 m | F1"G – M3/4"G |
| 077-2606-600 | without hose | Ø 1" - max 30 m | F1"G – M1"G |

## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FMX-400 | 158 | 120 | 168 | 192 | 95 | 400 | 435 | 8,85<8,85 | 0,084 | 1 |
| FMX-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 10,71<10,80 | 0,094 | 1 |
| FMX-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 15,96<16,33 | 0,130 | 1 |
| FMX-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,22<17,83 | 0,150 | 1 |
| FMX-560 | 440 | 390 | 225 | 270 | 360 | 550 | 600 | 25,75<26,38 | 0,240 | 1 |



# FIXED MANUAL HOSE REELS IN AISI 304 STAINLESS STEEL FOR GREASE FROM 275 TO 400 bar

Equipped with:
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals
- **AISI 304 stainless steel** revolving flick folding handgrip



**FMX-400**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2207-200 | without hose | Ø 1/4" - max 15 m | M1/4"G – M1/4"G |
| 077-2207-300 | without hose | Ø 3/8" - max 10 m | M3/8"G – M3/8"G |
| 077-2207-400 | without hose | Ø 1/2" - max 10 m | M1/2"G – M1/2"G |



**FMX-460**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2307-200 | without hose | Ø 1/4" - max 18 m | M1/4"G – M1/4"G |
| 077-2307-300 | without hose | Ø 3/8" - max 15 m | M3/8"G – M3/8"G |
| 077-2307-400 | without hose | Ø 1/2" - max 15 m | M1/2"G – M1/2"G |



**FMX-550**

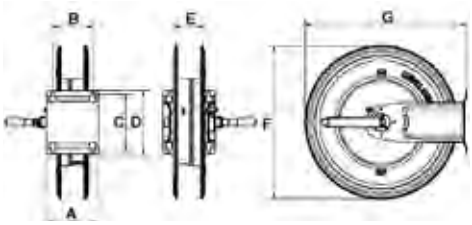
| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2407-300 | without hose | Ø 3/8" - max 25 m | M3/8"G – M3/8"G |
| 077-2407-400 | without hose | Ø 1/2" - max 25 m | M1/2"G – M1/2"G |



**FMX-555**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2507-300 | without hose | Ø 3/8" - max 30 m | M3/8"G – M3/8"G |
| 077-2507-400 | without hose | Ø 1/2" - max 30 m | M1/2"G – M1/2"G |

## OVERALL DIMENSIONS




| Mod. | A | B | C | D | E | F | G | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|
| FMX-400 | 158 | 120 | 168 | 192 | 95 | 400 | 435 | 8,85<8,85 | 0,084 | 1 |
| FMX-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 10,71<10,80 | 0,094 | 1 |
| FMX-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 15,96<16,33 | 0,130 | 1 |
| FMX-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,22<17,83 | 0,150 | 1 |

# FIXED MANUAL HOSE REELS IN AISI 304 STAINLESS STEEL FOR DIESEL 10 bar

Equipped with:
- Galvanized steel connections
- Galvanized steel - anodized aluminium 90° swivelling joint
- Viton® seals
- **AISI 304 stainless steel** revolving flick folding handgrip

**FMX-460**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2308-500 | without hose | Ø 3/4" - max 8 m | F1"G – M3/4"G |



**FMX-550**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2408-600 | without hose | Ø 3/4" - max 15 m | F1"G – M1"G |
| 077-2408-600 | without hose | Ø 1" - max 10 m | F1"G – M1"G |



**FMX-555**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2508-600 | without hose | Ø 3/4" - max 20 m | F1"G – M1"G |
| 077-2508-600 | without hose | Ø 1" - max 15 m | F1"G – M1"G |



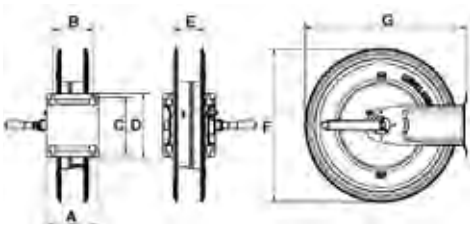
**FMX-560**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2608-600 | without hose | Ø 3/4" - max 40 m | F1"G – M1"G |
| 077-2608-600 | without hose | Ø 1" - max 30 m | F1"G – M1"G |



## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FMX-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 10,71<10,80 | 0,094 | 1 |
| FMX-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 15,96<16,33 | 0,130 | 1 |
| FMX-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,22<17,83 | 0,150 | 1 |
| FMX-560 | 440 | 390 | 225 | 270 | 360 | 550 | 600 | 25,75<26,38 | 0,240 | 1 |



# FIXED MANUAL HOSE REELS IN AISI 304 STAINLESS STEEL FOR ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar

Equipped with:
- **AISI 316 stainless steel** connections
- **AISI 304 stainless steel** 90° swivelling joint
- Viton® seals
- **AISI 304 stainless steel** revolving flick folding handgrip



**FMX-400**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2209-400 | without hose | Ø 1/2" - max 10 m | F1/2"G – M1/2"G |



**FMX-460**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2309-400 | without hose | Ø 1/2" - max 15 m | F1/2"G – M1/2"G |



**FMX-550**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2409-400 | without hose | Ø 1/2" - max 25 m | F1/2"G – M1/2"G |
| 077-2409-500 | without hose | Ø 3/4" - max 15 m | F1"G – M3/4"G |



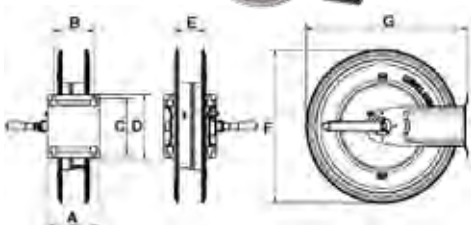
**FMX-555**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2509-400 | without hose | Ø 1/2" - max 30 m | F1/2"G – M1/2"G |
| 077-2509-500 | without hose | Ø 3/4" - max 20 m | F1"G – M3/4"G |



**FMX-560**

| Article | Equipped | Hose reel capacity | Inlet-Outlet |
|---|---|---|---|
| 077-2609-400 | without hose | Ø 1/2" - max 50 m | F1/2"G – M1/2"G |
| 077-2609-500 | without hose | Ø 3/4" - max 40 m | F1"G – M3/4"G |




## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|
| FMX-400 | 158 | 120 | 168 | 192 | 95 | 400 | 435 | 8,85<8,85 | 0,084 | 1 |
| FMX-460 | 158 | 120 | 168 | 192 | 95 | 460 | 500 | 10,71<1w,80 | 0,094 | 1 |
| FMX-550 | 200 | 150 | 225 | 270 | 120 | 550 | 600 | 15,96<16,33 | 0,130 | 1 |
| FMX-555 | 250 | 200 | 225 | 270 | 170 | 550 | 600 | 17,22<17,83 | 0,150 | 1 |
| FMX-560 | 440 | 390 | 225 | 270 | 360 | 550 | 600 | 25,75<26,38 | 0,240 | 1 |

# AUTOMATIC HOSE REELS IN PAINTED STEEL SERIES HEAVY - DUTY

New series of automatic auto-retractable hose reels in painted steel and AISI 304 stainless steel.
This new HEAVY-DUTY model is suitable for flexible hoses for the distribution of compressed air, water, oil and similar fluids, grease, gasoline, anti-freeze, windscreen and AdBlue®.
They allow to work safely and to quickly unroll only the required hose length, improving the functionality.
They are designed for applications which require solid equipment, also on vehicles.
**They can have two different hose output positions: superior and inferior.**



# AUTOMATIC HOSE REELS IN PAINTED STEEL SERIES HEAVY - DUTY FOR AIR-WATER FROM 20 TO 28 bar



Equipped with:
- **Black synthetic rubber hoses R6**
- Galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals

**HD-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1302-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1302-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-1302-418 | 18 m | 1/2" | 28 bar | F1/2"G – M1/2"G |



**HD-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1402-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1402-500 | without hose | - | - | F1"G – M3/4"G |
| 073-1402-420 | 20 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-1402-425 | 25 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-1402-515 | 15 m | 3/4" | 21 bar | F1"G – M3/4"G |

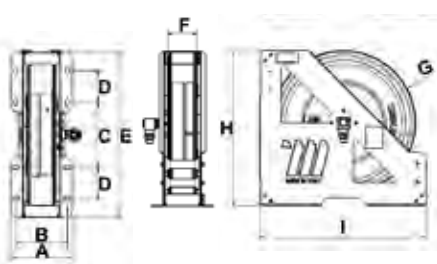


**HD-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1502-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1502-500 | without hose | - | - | F1"G – M3/4"G |
| 073-1502-600 | without hose | - | - | F1"G – M1"G |
| 073-1502-430 | 30 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-1502-520 | 20 m | 3/4" | 21 bar | F1"G – M3/4"G |
| 073-1502-615 | 15 m | 1" | 20 bar | F1"G – M1"G |

**HD-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1602-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1602-500 | without hose | - | - | F1"G – M3/4"G |
| 073-1602-600 | without hose | - | - | F1"G – M1"G |
| 073-1602-440 | 40 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-1602-450 | 50 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-1602-530 | 30 m | 3/4" | 21 bar | F1"G – M3/4"G |
| 073-1602-540 | 40 m | 3/4" | 21 bar | F3/4"G – M3/4"G |
| 073-1602-620 | 20 m | 1" | 20 bar | F1"G – M1"G |
| 073-1602-630 | 30 m | 1" | 20 bar | F1"G – M1"G |




## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 23,30<27,87 | 0,072 | 1 |
| HD-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,92<46,08 | 0,120 | 1 |
| HD-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,41<60,27 | 0,145 | 1 |
| HD-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 60,62<78,20 | 0,230 | 1 |

# AUTOMATIC HOSE REELS IN PAINTED STEEL SERIES
# HEAVY - DUTY FOR WATER 150°C 200 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

**HD-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-1305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1304-220 | 20 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 073-1304-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-1304-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-1304-415 | 15 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

**HD-550**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-1405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1404-320 | 20 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-1404-325 | 25 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-1404-420 | 20 m | 1/2" | 200 bar | F1/2"G – F1/2"G |
| 073-1404-425 | 25 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

**HD-555**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-1505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1504-330 | 30 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-1504-430 | 30 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

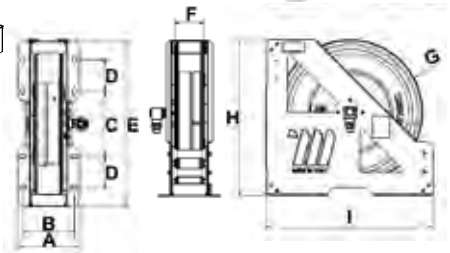
**HD-560**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1605-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-1605-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1604-340 | 40 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-1604-350 | 50 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-1604-440 | 40 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 23,26<29,60 | 0,072 | 1 |
| HD-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,92<53,40 | 0,120 | 1 |
| HD-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,40<66,90 | 0,145 | 1 |
| HD-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 60,67<75,69 | 0,230 | 1 |



# AUTOMATIC HOSE REELS IN PAINTED STEEL SERIES HEAVY - DUTY FOR WATER 150°C 400 bar



Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

**HD-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-1305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1305-220 | 20 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 073-1305-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-1305-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-1305-415 | 15 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**HD-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-1405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1405-320 | 20 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-1405-325 | 25 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-1405-420 | 20 m | 1/2" | 400 bar | F1/2"G – F1/2"G |
| 073-1405-425 | 25 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



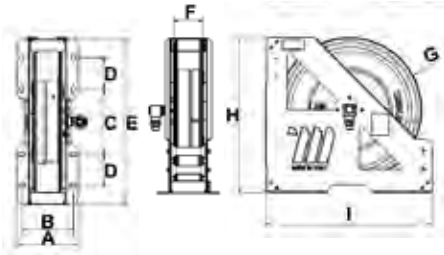
**HD-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1505-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-1505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1505-330 | 30 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-1505-430 | 30 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**HD-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1605-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-1605-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1605-340 | 40 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-1605-350 | 50 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-1605-440 | 40 m | 1/2" | 400 bar | F1/2"G – F1/2"G |




**OVERALL DIMENSIONS**

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 23,26<31,40 | 0,072 | 1 |
| HD-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,92<53,40 | 0,120 | 1 |
| HD-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,40<66,90 | 0,145 | 1 |
| HD-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 60,67<81,67 | 0,230 | 1 |

# AUTOMATIC HOSE REELS IN PAINTED STEEL SERIES HEAVY - DUTY FOR OIL, ANTIFREEZE AND SIMILAR FROM 88 TO 180 bar

Equipped with:
- **Black synthetic rubber hoses 1SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals

**HD-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1306-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1306-415 | 15 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 073-1306-418 | 18 m | 1/2" | 160 bar | F1/2"G – M1/2"G |

**HD-550**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1406-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1406-500 | without hose | - | - | F1"G – M3/4"G |
| 073-1406-420 | 20 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 073-1406-425 | 25 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 073-1406-515 | 15 m | 3/4" | 105 bar | F1"G – M3/4"G |

**HD-555**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1506-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1506-500 | without hose | - | - | F1"G – M3/4"G |
| 073-1506-600 | without hose | - | - | F1"G – M1"G |
| 073-1506-430 | 30 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 073-1506-520 | 20 m | 3/4" | 105 bar | F1"G – M3/4"G |
| 073-1506-615 | 15 m | 1" | 88 bar | F1"G – M1"G |

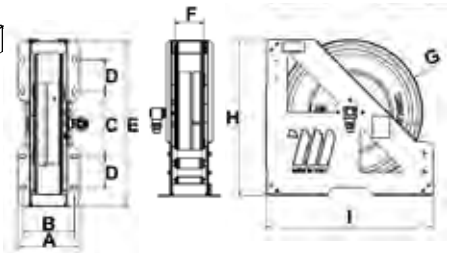
**HD-560**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1606-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1606-500 | without hose | - | - | F1"G – M3/4"G |
| 073-1606-600 | without hose | - | - | F1"G – M1"G |
| 073-1606-440 | 40 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 073-1606-450 | 50 m | 1/2" | 160 bar | F1/2"G – M1/2"G |
| 073-1606-530 | 30 m | 3/4" | 105 bar | F1"G – M3/4"G |
| 073-1606-540 | 40 m | 3/4" | 105 bar | F1"G – M3/4"G |
| 073-1606-620 | 20 m | 1" | 88 bar | F1"G – M1"G |
| 073-1606-630 | 30 m | 1" | 88 bar | F1"G – M1"G |

## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 23,26<29,91 | 0,072 | 1 |
| HD-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,90<48,74 | 0,120 | 1 |
| HD-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,40<63,94 | 0,145 | 1 |
| HD-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 60,66<82,88 | 0,230 | 1 |



# AUTOMATIC HOSE REELS IN PAINTED STEEL SERIES HEAVY - DUTY FOR GREASE FROM 275 TO 400 bar

Equipped with:
- **Black synthetic rubber hoses 2SC**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint
- Polyurethane seals



**HD-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1307-200 | without hose | - | - | M1/4"G – M1/4"G |
| 073-1307-300 | without hose | - | - | M3/8"G – M3/8"G |
| 073-1307-400 | without hose | - | - | M1/2"G – M1/2"G |
| 073-1307-118 | 18 m | 1/4" | 400 bar | M1/4"G – M1/4"G |
| 073-1307-315 | 15 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 073-1307-415 | 15 m | 1/2" | 275 bar | M1/2"G – M1/2"G |



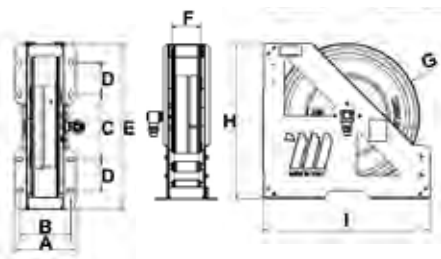
**HD-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1407-300 | without hose | - | - | M3/8"G – M3/8"G |
| 073-1407-400 | without hose | - | - | M1/2"G – M1/2"G |
| 073-1407-320 | 20 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 073-1407-325 | 25 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 073-1407-420 | 20 m | 1/2" | 275 bar | M1/2"G – M1/2"G |
| 073-1407-425 | 25 m | 1/2" | 275 bar | M1/2"G – M1/2"G |



**HD-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1507-300 | without hose | - | - | M3/8"G – M3/8"G |
| 073-1507-400 | without hose | - | - | M1/2"G – M1/2"G |
| 073-1507-330 | 30 m | 3/8" | 330 bar | M3/8"G – M3/8"G |
| 073-1507-430 | 30 m | 1/2" | 275 bar | M1/2"G – M1/2"G |




**OVERALL DIMENSIONS**

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 23,28<31,98 | 0,072 | 1 |
| HD-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,90<54,60 | 0,120 | 1 |
| HD-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,40<68,70 | 0,145 | 1 |

# AUTOMATIC HOSE REELS IN PAINTED STEEL SERIES HEAVY - DUTY FOR ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar

Equipped with:
- **Black antistatic synthetic rubber EPDM hoses**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90° swivelling joint
- Viton® seals
- **Stainless steel** reel shaft

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1309-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1309-410 | 10 m | 1/2" - 12,7x21 | 20 bar | F1/2"G – M1/2"G |
| 073-1309-415 | 15 m | 1/2" - 12,7x21 | 20 bar | F1/2"G – F1/2"G |

**HD-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1409-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-1409-500 | without hose | - | - | F1"G – M3/4"G |
| 073-1409-420 | 20 m | 1/2" | 20 bar | F1/2"G – M1/2"G |
| 073-1409-425 | 25 m | 1/2" | 20 bar | F1/2"G - M 1/2"G |
| 073-1409-510 | 10 m | 3/4" | 20 bar | F1"G – M3/4"G |
| 073-1409-515 | 15 m | 3/4" | 20 bar | F1"G – M3/4"G |

**HD-550**



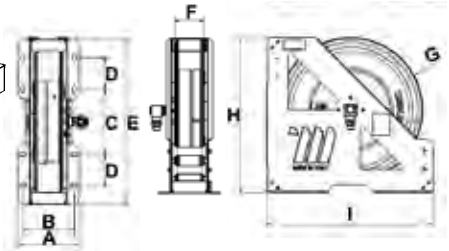
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-1509-500 | without hose | - | - | F1"G – M3/4"G |
| 073-1509-520 | 20 m | 3/4" | 20 bar | F1"G – M3/4"G |

**HD-555**



## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 23,26<27,65 | 0,072 | 1 |
| HD-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,92<47,43 | 0,120 | 1 |
| HD-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,95<61,10 | 0,145 | 1 |



# AUTOMATIC HOSE REELS IN PAINTED STEEL SERIES HEAVY - DUTY FOR DIESEL 10 bar



Equipped with:
- **Black antistatic rubber hoses**
- Galvanized steel connections
- Galvanized steel - anodized aluminium 90° swivelling joint
- Viton® seals

**HD-460**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-1308-500 | 80 l/min | without hose | - | F1"G – M3/4"G |
| 073-1308-508 | 80 l/min | 8 m | 3/4"- 19x27 | F1"G – M1"G |



**HD-550**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-1408-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-1408-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-1408-515 | 85 l/min | 15 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-1408-610 | 95 l/min | 10 m | 1" - 25x35 | F1"G – M1"G |



**HD-555**

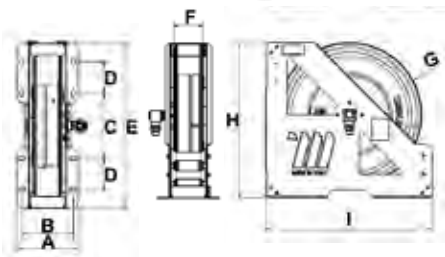
| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-1508-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-1508-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-1508-615 | 90 l/min | 15 m | 1" - 25x35 | F1"G – M1"G |



**HD-560**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-1608-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-1608-530 | 80 l/min | 30 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-1608-540 | 75 l/min | 40 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-1608-620 | 87 l/min | 20 m | 1" - 25x35 | F1"G – M1"G |
| 073-1608-630 | 85 l/min | 30 m | 1" - 25x35 | F1"G – M1"G |

## OVERALL DIMENSIONS




| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 23,28<26,78 | 0,072 | 1 |
| HD-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 40,10<47,35 | 0,120 | 1 |
| HD-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,50<62,53 | 0,145 | 1 |
| HD-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 60,90<83,02 | 0,230 | 1 |

# AUTOMATIC HOSE REELS IN PAINTED STEEL SERIES
# HEAVY - DUTY FOR GASOLINE 16 bar

Equipped with:
- **Black antistatic synthetic rubber hoses steel wire helix with high strength syntetic textile plies, copper wire**
- Reference regulations: **EN 1761 - EN 12115 ATEX (EX ZONE)**
- Self-extinguishing according to: **TRbf 131/2**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint - Viton® seals
- **Compliant with ATEX directive (see ATEX regulation at page 390)**

II 2 G Ex h IIB T4 Gb X
II 2 D Ex h IIIC T4 Db

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-1418-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-1418-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-1418-515 | 85 l/min | 15 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-1418-610 | 95 l/min | 10 m | 1" - 25x35 | F1"G – M1"G |

**HD-550**



| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-1518-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-1518-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-1518-615 | 90 l/min | 15 m | 1" - 25x35 | F1"G – M1"G |

**HD-555**



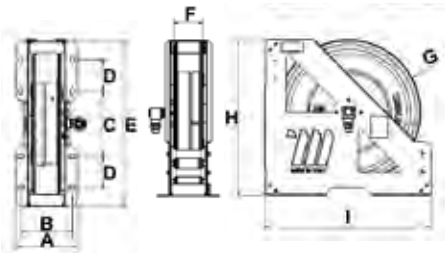
| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-1618-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-1618-530 | 80 l/min | 30 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-1618-620 | 87 l/min | 20 m | 1" - 25x35 | F1"G – M1"G |
| 073-1618-630 | 85 l/min | 30 m | 1" - 25x35 | F1"G – M1"G |

**HD-560**



## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HD-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 40,45<51,00 | 0,120 | 1 |
| HD-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,94<66,00 | 0,145 | 1 |
| HD-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 61,30<85,00 | 0,230 | 1 |



# AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL SERIES HEAVY - DUTY FOR AIR-WATER FROM 20 TO 28 bar



Equipped with:
- **Black synthetic rubber hoses R6**
- Galvanized steel connections
- Brass 90° swivelling joint
- Viton® seals

**HDX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2302-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2302-415 | 15 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-2302-418 | 18 m | 1/2" | 28 bar | F1/2"G – M1/2"G |



**HDX-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2402-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2402-500 | without hose | - | - | F1"G – M3/4"G |
| 073-2402-420 | 20 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-2402-425 | 25 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-2402-515 | 15 m | 3/4" | 21 bar | F1"G – M3/4"G |



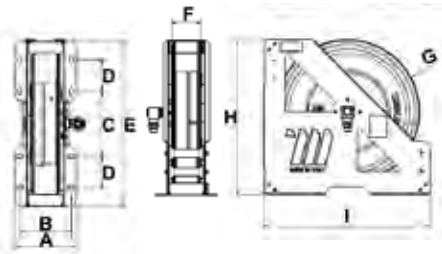
**HDX-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2502-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2502-500 | without hose | - | - | F1"G – M3/4"G |
| 073-2502-600 | without hose | - | - | F1"G – M1"G |
| 073-2502-430 | 30 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-2502-520 | 20 m | 3/4" | 21 bar | F1"G – M3/4"G |
| 073-2502-615 | 15 m | 1" | 20 bar | F1"G – M1"G |



**HDX-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2602-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2602-500 | without hose | - | - | F1"G – M3/4"G |
| 073-2602-600 | without hose | - | - | F1"G – M1"G |
| 073-2602-440 | 40 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-2602-450 | 50 m | 1/2" | 28 bar | F1/2"G – M1/2"G |
| 073-2602-530 | 30 m | 3/4" | 21 bar | F1"G – M3/4"G |
| 073-2602-540 | 40 m | 3/4" | 21 bar | F3/4"G – M3/4"G |
| 073-2602-620 | 20 m | 1" | 20 bar | F1"G – M1"G |
| 073-2602-630 | 30 m | 1" | 20 bar | F1"G – M1"G |




**OVERALL DIMENSIONS**

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HDX-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 22,63<27,20 | 0,072 | 1 |
| HDX-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,05<45,33 | 0,120 | 1 |
| HDX-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 50,50<59,52 | 0,145 | 1 |
| HDX-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 59,50<77,10 | 0,230 | 1 |

# AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL
# SERIES HEAVY - DUTY FOR WATER 150° C 200 bar

Equipped with:
- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

**HDX-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-2305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2304-220 | 20 m | 5/16" | 200 bar | F1/2"G – F3/8"G |
| 073-2304-315 | 15 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-2304-318 | 18 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-2304-415 | 15 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

**HDX-550**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-2405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2404-320 | 20 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-2404-325 | 25 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-2404-420 | 20 m | 1/2" | 200 bar | F1/2"G – F1/2"G |
| 073-2404-425 | 25 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

**HDX-555**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2505-300 | without hose | - | - | F3/8"G – M3/8"G |
| 073-2505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2504-330 | 30 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-2504-430 | 30 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

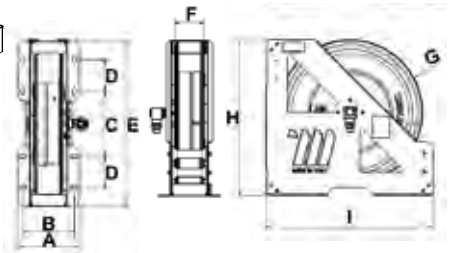
**HDX-560**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2605-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-2605-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2604-340 | 40 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-2604-350 | 50 m | 3/8" | 200 bar | F1/2"G – F3/8"G |
| 073-2604-440 | 40 m | 1/2" | 200 bar | F1/2"G – F1/2"G |

## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HDX-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 22,60<28,94 | 0,072 | 1 |
| HDX-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,05<48,15 | 0,120 | 1 |
| HDX-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 50,50<61,38 | 0,145 | 1 |
| HDX-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 59,50<74,52 | 0,230 | 1 |



# AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL SERIES HEAVY - DUTY FOR WATER 150°C 400 bar



Equipped with:
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- **AISI 304 stainless steel** 90° swivelling joint
- Teflon seals

**HDX-460**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2305-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-2305-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2305-220 | 20 m | 5/16" | 400 bar | F1/2"G – F3/8"G |
| 073-2305-315 | 15 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-2305-318 | 18 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-2305-415 | 15 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**HDX-550**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2405-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-2405-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2405-320 | 20 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-2405-325 | 25 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-2405-420 | 20 m | 1/2" | 400 bar | F1/2"G – F1/2"G |
| 073-2405-425 | 25 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



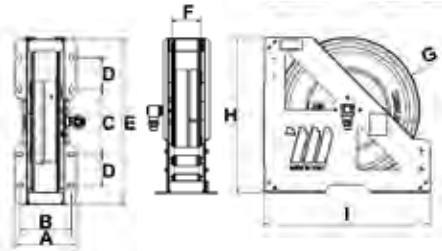
**HDX-555**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2505-300 | without hose | - | - | F3/8"G – M3/8"G |
| 073-2505-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2505-330 | 30 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-2505-430 | 30 m | 1/2" | 400 bar | F1/2"G – F1/2"G |



**HDX-560**

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2605-300 | without hose | - | - | F1/2"G – M3/8"G |
| 073-2605-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2605-340 | 40 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-2605-350 | 50 m | 3/8" | 400 bar | F1/2"G – F3/8"G |
| 073-2605-440 | 40 m | 1/2" | 400 bar | F1/2"G – F1/2"G |




**OVERALL DIMENSIONS**

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HDX-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 22,60<30,74 | 0,072 | 1 |
| HDX-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,05<52,53 | 0,120 | 1 |
| HDX-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 50,50<66,00 | 0,145 | 1 |
| HDX-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 59,50<80,50 | 0,230 | 1 |

# AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL SERIES HEAVY - DUTY FOR ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar

Equipped with:
- **Black antistatic synthetic rubber EPDM hoses**
- **AISI 316 stainless steel** connections
- **AISI 316 stainless steel** 90° swivelling joint
- Viton® seals

**HDX-460**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2309-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2309-410 | 10 m | 1/2" - 12,7x21 | 20 bar | F1/2"G – M1/2"G |
| 073-2309-415 | 15 m | 1/2" - 12,7x21 | 20 bar | F1/2"G – F1/2"G |

**HDX-550**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2409-400 | without hose | - | - | F1/2"G – M1/2"G |
| 073-2409-500 | without hose | - | - | F1"G – M3/4"G |
| 073-2409-420 | 20 m | 1/2" | 20 bar | F1/2"G – M1/2"G |
| 073-2409-425 | 25 m | 1/2" | 20 bar | F1/2"G - M 1/2"G |
| 073-2409-510 | 10 m | 3/4" | 20 bar | F1"G – M3/4"G |
| 073-2409-515 | 15 m | 3/4" | 20 bar | F1"G – M3/4"G |

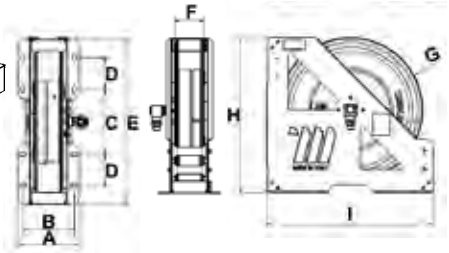
**HDX-555**



| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| 073-2509-500 | without hose | - | - | F1"G – M3/4"G |
| 073-2509-520 | 20 m | 3/4" | 20 bar | F1"G – M3/4"G |

## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HDX-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 22,60<27,00 | 0,072 | 1 |
| HDX-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 39,05<46,03 | 0,120 | 1 |
| HDX-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 50,50<59,65 | 0,145 | 1 |



# AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL SERIES HEAVY - DUTY FOR DIESEL 10 bar



Equipped with:
- **Black antistatic rubber hoses**
- Galvanized steel connections
- Galvanized steel - anodized aluminum 90° swivelling joint
- Viton® seals

**HDX-460**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-2308-500 | 80 l/min | without hose | - | F1"G – M1"G |
| 073-2308-508 | 80 l/min | 8 m | 3/4"- 19x27 | F1"G – M1"G |



**HDX-550**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-2408-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-2408-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-2408-515 | 85 l/min | 15 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-2408-610 | 95 l/min | 10 m | 1" - 25x35 | F1"G – M1"G |



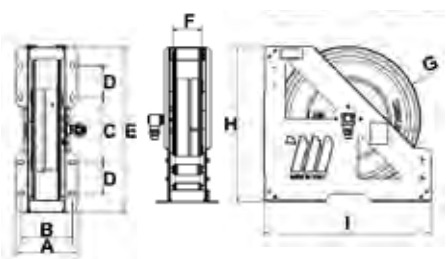
**HDX-555**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-2508-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-2508-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-2508-615 | 90 l/min | 15 m | 1" - 25x35 | F1"G – M1"G |



**HDX-560**

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-2608-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-2608-530 | 80 l/min | 30 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-2608-540 | 75 l/min | 40 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-2608-620 | 87 l/min | 20 m | 1" - 25x35 | F1"G – M1"G |
| 073-2608-630 | 85 l/min | 30 m | 1" - 25x35 | F1"G – M1"G |




**OVERALL DIMENSIONS**

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HDX-460 | 196 | 163 | 209 | 100 | 529 | 95 | 460 | 495 | 534 | 23,28<26,78 | 0,072 | 1 |
| HDX-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 40,10<47,35 | 0,120 | 1 |
| HDX-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,50<62,53 | 0,145 | 1 |
| HDX-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 60,90<83,02 | 0,230 | 1 |

# AUTOMATIC HOSE REELS IN AISI 304 STAINLESS STEEL
# SERIES HEAVY - DUTY FOR GASOLINE 16 bar

Equipped with:
- **Black antistatic synthetic rubber hoses steel wire helix with high strength syntetic textile plies, copper wire**
- Reference regulations: **EN 1761 - EN 12115 ATEX (EX ZONE)**
- Self-extinguishing according to: **TRbf 131/2**
- Galvanized steel connections
- Galvanized steel 90° swivelling joint - Viton® seals
- **Compliant with ATEX directive (see ATEX regulation at page 390)**

II 2 G Ex h IIB T4 Gb X
II 2 D Ex h IIIC T4 Db

| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-2418-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-2418-510 | 90 l/min | 10 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-2418-515 | 85 l/min | 15 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-2418-610 | 95 l/min | 10 m | 1" - 25x35 | F1"G – M1"G |

**HDX-550**



| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-2518-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-2518-520 | 83 l/min | 20 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-2518-615 | 90 l/min | 15 m | 1" - 25x35 | F1"G – M1"G |

**HDX-555**



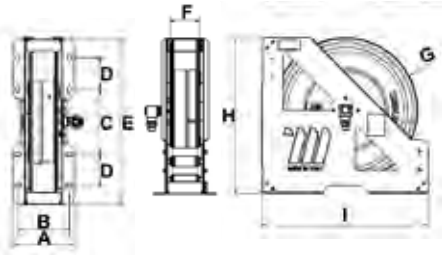
| Article | Capacity | L. hose | Ø hose | Inlet-Outlet |
|---|---|---|---|---|
| 073-2618-600 | 95 l/min | without hose | - | F1"G – M1"G |
| 073-2618-530 | 80 l/min | 30 m | 3/4"- 19x27 | F1"G – M1"G |
| 073-2618-620 | 87 l/min | 20 m | 1" - 25x35 | F1"G – M1"G |
| 073-2618-630 | 85 l/min | 30 m | 1" - 25x35 | F1"G – M1"G |

**HDX-560**



## OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | H | I | Kg | m³ | Nº |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HDX-550 | 230 | 197 | 324 | 100 | 644 | 120 | 550 | 597 | 649 | 40,45<51,00 | 0,120 | 1 |
| HDX-555 | 280 | 247 | 324 | 100 | 644 | 170 | 550 | 597 | 649 | 51,94<66,00 | 0,145 | 1 |
| HDX-560 | 460 | 427 | 324 | 100 | 644 | 350 | 550 | 597 | 649 | 61,30<85,00 | 0,230 | 1 |

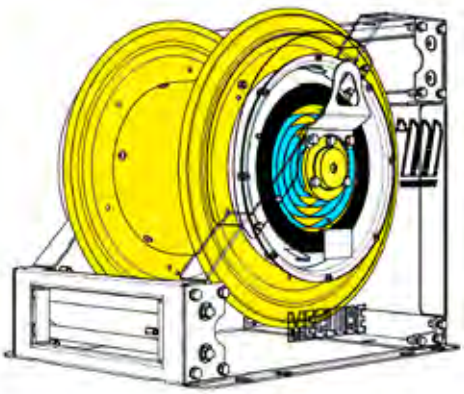


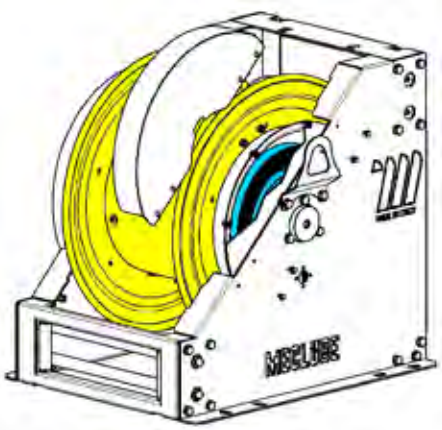
# AUTOMATIC INDUSTRIAL SPRING HOSE REEL IN PAINTED STEEL FA-600 SERIES

Automatic auto-retractable hose reel in painted steel, designed for applications which require solid equipment, also on vehicles.
It is suitable for flexible hoses of maximum Ø of 1.1/2'' for the distribution of compressed air, oil and similar fluids, fuels.
**They can have two different hose output positions: superior and inferior.**









# AUTOMATIC INDUSTRIAL SPRING HOSE REEL IN PAINTED STEEL FA-600 SERIES

## For air-water 20 bar

Equipped with:
- **Black synthetic rubber hoses R6**
- Galvanized steel connections
- Anodized aluminium swivelling joint
- Viton® seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| **076-6102-800** | without hose | - | 20 bar | F1.1/2"G – F1.1/2"G |
| **076-6102-715** | 15 m | 1.1/4" | 20 bar | F1.1/2"G – M1.1/2"G |
| **076-6102-720** | 20 m | 1.1/4" | 20 bar | F1.1/2"G – M1.1/2"G |
| **076-6102-815** | 15 m | 1.1/2" | 20 bar | F1.1/2"G – M1.1/2"G |



**FA-600**

## For oil and lubricant 250 bar

Equipped with:
- **Black synthetic rubber hoses 1SC**
- Galvanized steel connections
- Galvanized steel swivelling joint
- NBR seals

| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| **076-6106-800** | without hose | - | 250 bar | F1.1/2"G – F1.1/2"G |
| **076-6106-715** | 15 m | 1.1/4" | 63 bar | F1.1/2"G – M1.1/2"G |
| **076-6106-720** | 20 m | 1.1/4" | 63 bar | F1.1/2"G – M1.1/2"G |
| **076-6106-815** | 15 m | 1.1/2" | 50 bar | F1.1/2"G – M1.1/2"G |



**FA-600**

## For diesel 10 bar

Equipped with:
- Black antistatic synthetic rubber hoses steel wire helix with high strength syntetic textile plies, copper wire
- Galvanized steel connections
- Anodized aluminium swivelling joint
- Viton® seals

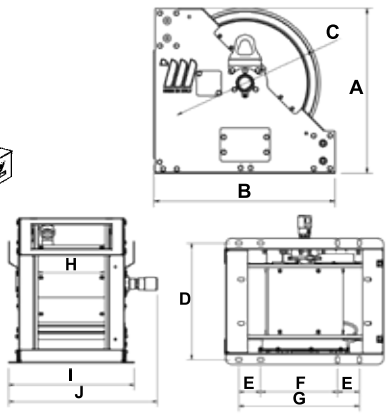
| Article | L. hose | Ø hose | Max pressure | Inlet-Outlet |
|---|---|---|---|---|
| **076-6108-800** | without hose | - | 20 bar | F1.1/2"G – F1.1/2"G |
| **076-6108-815** | 15 m | 1.1/2" | 10 bar | F1.1/2"G – M1.1/2"G |



**FA-600**

### OVERALL DIMENSIONS

| Mod. | A | B | C | D | E | F | G | H | I | J | Kg | m³ | № |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FA-601** | 660 | 725 | 600 | 530 | 100 | 350 | 550 | 330 | 575 | 680 | 120,8<133,8 | 0,910 | 1 |




Automatic auto-retractable hose reel in painted steel, designed for applications which require solid equipment, also on vehicles.
It is suitable for flexible hoses of maximum Ø of 1.1/2'' for the distribution of compressed air, oil and similar fluids, fuels. They can have two different hose output positions: superior and inferior.

# INDUSTRIAL HOSE REELS Mod. 600

The industrial hose reels with **electric motorized and manual** are designed for applications that require robust equipment, also on trucks. They are suitable for flexible hoses with big diameters for the distribution of compressed air, water, oil and similar, grease, diesel.

## - MOTORIZED 12-24V DC ELECTRIC

**The unwinding of the hose is manual while the rolling process is through the electric motor (12-24V DC).**
It can be connected to a battery or to a power transformer connected to the 230V network.



## - MOTORIZED 230-115V AC ELECTRIC

**The unwinding of the hose is manual while the rolling process is through the electric motor (230-115 AC).**
It has to be connected to the 230-115V AC electric network.



## - MOTORIZED HYDRAULIC

**The unwinding of the hose is manual while the rolling process is through the hydraulic motor.**
It has to be connected to a specific control unit equipped with electric motor, hydraulic oil tank and to a command-and-control system with lever for the rolling process.



## - MOTORIZED PNEUMATIC

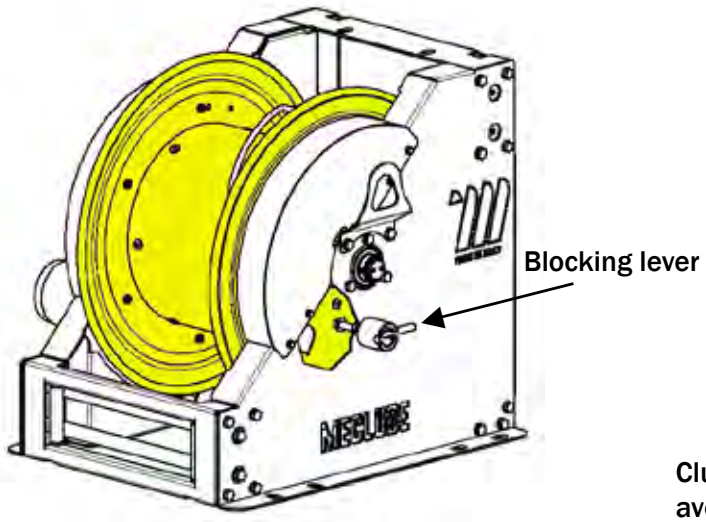
**The unwinding of the hose is manual while the rolling process is through the pneumatic motor.**
It has to be connected to the compressed air supply and to a pressure regulator that allows to adjust the rolling power and speed.

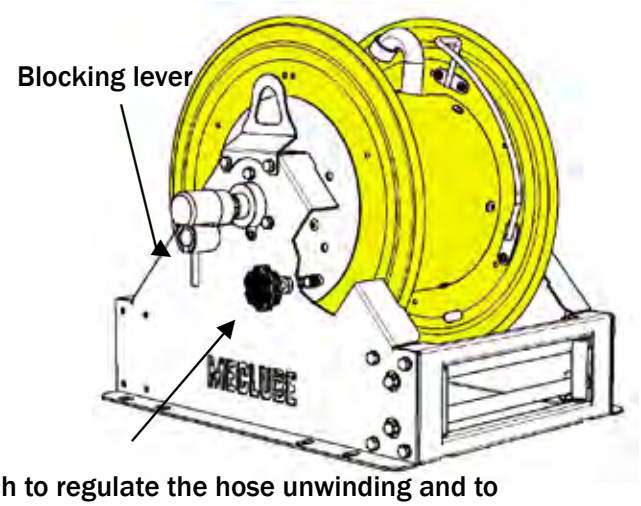


## - MANUAL

**The unwinding of the hose is manual, while the rolling process is through the practical revolving crank.**
Resulting in a valid and economical solution to the problem of flexible hoses.






**Clutch to regulate the hose unwinding and to avoid the reel to rotate loosely by inertia.**

# INDUSTRIAL HOSE REELS Mod. 600

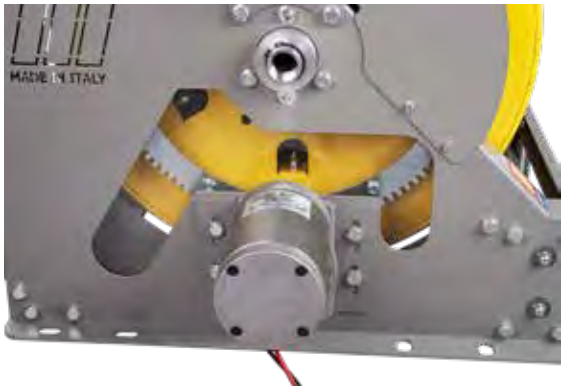
New series of motorized industrial hose reels Mod.600
They are supplied with reel Ø 600 with 3 different widths: 330, 440, 550 mm
1''F swivelling joint with pressures of 20 and 400 bar. The main difference is the type of motorization:
- Electric gear motor 12V-24V-230V-115V
- Hydraulic
- Pneumatic
- Manual

They are designed for applications that require robust equipment, also on trucks.
They are suitable for flexible hoses with maximum Ø of 1", for the distribution of compressed air, water, oil and similar, grease, diesel.
**They are designed to have two different hose exit positions, an upper and a lower one**.








**Direct motorized transmission with pinion on the sprocket**

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED 12V ELECTRIC SERIES Mod. FE-600



FE-601

## For air-water and diesel 20 bar

Equipped with:
- Brass swivelling joint - Viton® seals
- **Electric 12V DC motor** 449W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6112-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6212-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6312-600** | **FE-603** | 550 mm | F1"- F1" BSP |



FE-602

## For water 150°C 200 bar

Equipped with:
- **AISI 304 stainless steel** 90° swivelling joint - Viton® seals
- **Electric 12V DC motor** 449W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6115-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6215-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6315-600** | **FE-603** | 550 mm | F1"- F1" BSP |



FE-603

## For oil and lubricants 250 bar

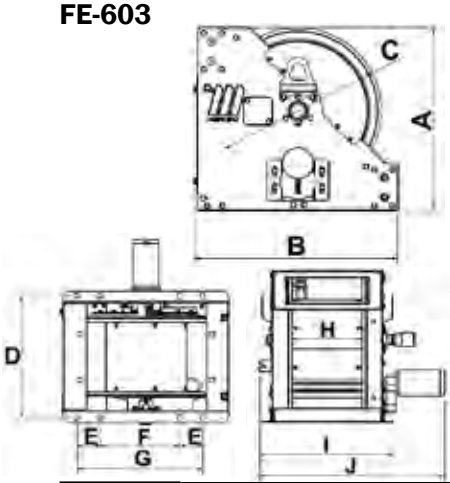
Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Electric 12V DC motor** 449W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6116-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6216-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6316-600** | **FE-603** | 550 mm | F1"- F1" BSP |

## For grease 300 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Electric 12V DC motor** 449W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6117-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6217-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6317-600** | **FE-603** | 550 mm | F1"- F1" BSP |




## Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-601 | Mod.FE-602 | Mod.FE-603 |
|---|---|---|---|---|
| **1/2"** | 20 mm | **50 m** | **100 m** | **200 m** |
| **3/4"** | 27 mm | **30 m** | **60 m** | **90 m** |
| **1"** | 34 mm | **20 m** | **40 m** | **60 m** |

## Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FE-601** | 660 | 733 | 600 | 530 | 100 | 350 | 550 | 330 | 580 | 810 | 114 kg | 800X1200X950 mm |
| **FE-602** | 660 | 733 | 600 | 640 | 100 | 350 | 550 | 440 | 690 | 920 | 119 kg | 800X1200X950 mm |
| **FE-603** | 660 | 733 | 600 | 750 | 100 | 350 | 550 | 550 | 800 | 1030 | 124 kg | 800X1200X950 mm |

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED 24V ELECTRIC SERIES Mod. FE-600

### For air-water and diesel 20 bar

Equipped with:
- Brass swivelling joint - Viton® seals
- **Electric 24V DC motor** 457W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6122-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6222-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6322-600** | **FE-603** | 550 mm | F1"- F1" BSP |



**FE-601**

### For water 150°C 200 bar

Equipped with:
- **AISI 304 stainless steel** 90° swivelling joint - Viton® seals
- **Electric 24V DC motor** 457W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6125-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6225-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6325-600** | **FE-603** | 550 mm | F1"- F1" BSP |



**FE-602**

### For oil and lubricants 250 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Electric 24V DC motor** 457W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6126-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6226-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6326-600** | **FE-603** | 550 mm | F1"- F1" BSP |



**FE-603**

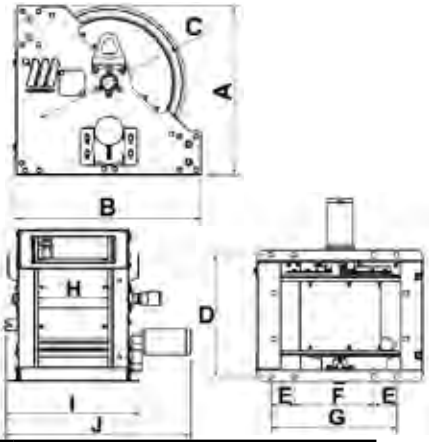
### For grease 300 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Electric 24V DC motor** 457W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6127-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6227-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6327-600** | **FE-603** | 550 mm | F1"- F1" BSP |

### Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-601 | Mod.FE-602 | Mod.FE-603 |
|---|---|---|---|---|
| **1/2"** | 20 mm | **50 m** | **100 m** | **200 m** |
| **3/4"** | 27 mm | **30 m** | **60 m** | **90 m** |
| **1"** | 34 mm | **20 m** | **40 m** | **60 m** |




### Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FE-601** | 660 | 733 | 600 | 530 | 100 | 350 | 550 | 330 | 580 | 810 | 114 kg | 800X1200X950 mm |
| **FE-602** | 660 | 733 | 600 | 640 | 100 | 350 | 550 | 440 | 690 | 920 | 119 kg | 800X1200X950 mm |
| **FE-603** | 660 | 733 | 600 | 750 | 100 | 350 | 550 | 550 | 800 | 1030 | 124 kg | 800X1200X950 mm |

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED 230V ELECTRIC SERIES Mod. FE-600



FE-601

## For air-water and diesel 20 bar

Equipped with:
- Brass swivelling joint - Viton® seals
- **Electric 230V AC motor** 448W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6132-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6232-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6332-600** | **FE-603** | 550 mm | F1"- F1" BSP |

## For water 150°C 200 bar

Equipped with:
- **AISI 304 stainless steel** 90° swivelling joint - Viton® seals
- **Electric 230 AC motor** 449W power 448W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6135-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6235-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6335-600** | **FE-603** | 550 mm | F1"- F1" BSP |



FE-602

## For oil and lubricants 250 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Electric 230V AC motor** 448W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6136-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6236-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6336-600** | **FE-603** | 550 mm | F1"- F1" BSP |

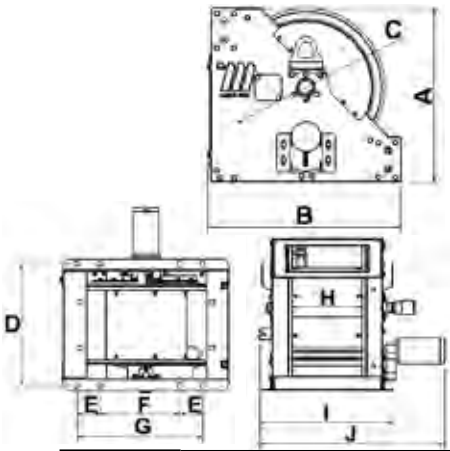


FE-603

## For grease 300 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Electric 230V AC motor** 448W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6137-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6237-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6337-600** | **FE-603** | 550 mm | F1"- F1" BSP |




## Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-601 | Mod.FE-602 | Mod.FE-603 |
|---|---|---|---|---|
| **1/2"** | 20 mm | **50 m** | **100 m** | **200 m** |
| **3/4"** | 27 mm | **30 m** | **60 m** | **90 m** |
| **1"** | 34 mm | **20 m** | **40 m** | **60 m** |

## Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FE-601** | 660 | 733 | 600 | 530 | 100 | 350 | 550 | 330 | 580 | 810 | 114 kg | 800X1200X950 mm |
| **FE-602** | 660 | 733 | 600 | 640 | 100 | 350 | 550 | 440 | 690 | 920 | 119 kg | 800X1200X950 mm |
| **FE-603** | 660 | 733 | 600 | 750 | 100 | 350 | 550 | 550 | 800 | 1030 | 124 kg | 800X1200X950 mm |

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED 115V ELECTRIC SERIES Mod. FE-600

## For air-water and diesel 20 bar

Equipped with:
- Brass swivelling joint - Viton® seals
- **Electric 115V AC motor** potenza 451W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6152-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6252-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6352-600** | **FE-603** | 550 mm | F1"- F1" BSP |



**FE-601**

## For water 150°C 200 bar

Equipped with:
- **AISI 304 stainless steel** 90° swivelling joint - Viton® seals
- **Electric 115V AC motor** 451W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6155-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6255-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6355-600** | **FE-603** | 550 mm | F1"- F1" BSP |



**FE-602**

## For oil and lubricants 250 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Electric 115V AC motor** 451W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6156-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6256-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6356-600** | **FE-603** | 550 mm | F1"- F1" BSP |

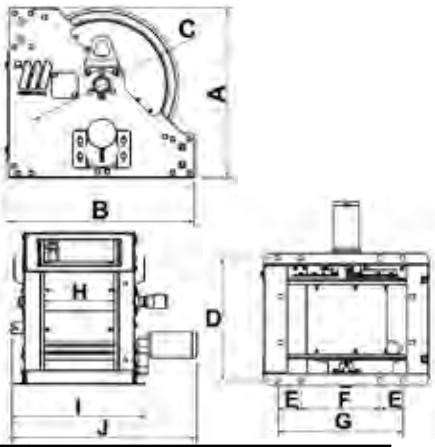


**FE-603**

## For grease 300 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Electric 115V AC motor** potenza 451W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6157-600** | **FE-601** | 330 mm | F1"- F1" BSP |
| **076-6257-600** | **FE-602** | 440 mm | F1"- F1" BSP |
| **076-6357-600** | **FE-603** | 550 mm | F1"- F1" BSP |




## Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-601 | Mod.FE-602 | Mod.FE-603 |
|---|---|---|---|---|
| **1/2"** | 20 mm | **50 m** | **100 m** | **200 m** |
| **3/4"** | 27 mm | **30 m** | **60 m** | **90 m** |
| **1"** | 34 mm | **20 m** | **40 m** | **60 m** |

## Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FE-601** | 660 | 733 | 600 | 530 | 100 | 350 | 550 | 330 | 580 | 810 | 114 kg | 800X1200X950 mm |
| **FE-602** | 660 | 733 | 600 | 640 | 100 | 350 | 550 | 440 | 690 | 920 | 119 kg | 800X1200X950 mm |
| **FE-603** | 660 | 733 | 600 | 750 | 100 | 350 | 550 | 550 | 800 | 1030 | 124 kg | 800X1200X950 mm |

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED HYDRAULIC SERIES Mod. FI-600



FI-601

## For air-water and diesel 20 bar

Equipped with:
- Brass swivelling joint - Viton® seals
- **Hydraulic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6162-600** | **FI-601** | 330 mm | F1”- F1” BSP |
| **076-6262-600** | **FI-602** | 440 mm | F1”- F1” BSP |
| **076-6362-600** | **FI-603** | 550 mm | F1”- F1” BSP |



FI-602

## For water 150°C 200 bar

Equipped with:
- **AISI 304 stainless steel** 90° swivelling joint - Viton® seals
- **Hydraulic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6165-600** | **FI-601** | 330 mm | F1”- F1” BSP |
| **076-6265-600** | **FI-602** | 440 mm | F1”- F1” BSP |
| **076-6365-600** | **FI-603** | 550 mm | F1”- F1” BSP |



FI-603

## For oil and lubricants 250 bar

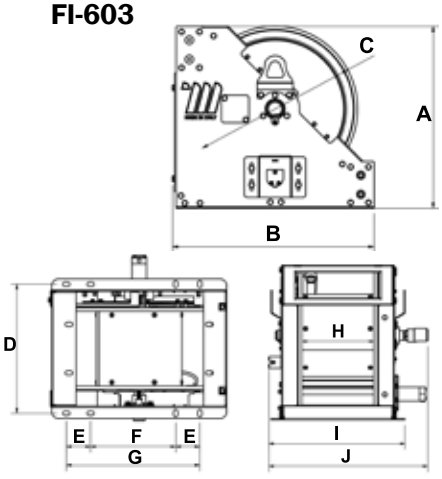
Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Hydraulic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6166-600** | **FI-601** | 330 mm | F1”- F1” BSP |
| **076-6266-600** | **FI-602** | 440 mm | F1”- F1” BSP |
| **076-6366-600** | **FI-603** | 550 mm | F1”- F1” BSP |

## For grease 300 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Hydraulic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6167-600** | **FI-601** | 330 mm | F1”- F1” BSP |
| **076-6267-600** | **FI-602** | 440 mm | F1”- F1” BSP |
| **076-6367-600** | **FI-603** | 550 mm | F1”- F1” BSP |




## Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FI-601 | Mod.FI-602 | Mod.FI-603 |
|---|---|---|---|---|
| **1/2”** | 20 mm | **50 m** | **100 m** | **200 m** |
| **3/4”** | 27 mm | **30 m** | **60 m** | **90 m** |
| **1”** | 34 mm | **20 m** | **40 m** | **60 m** |

## Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FI-601** | 660 | 733 | 600 | 530 | 100 | 350 | 550 | 330 | 580 | 680 | 109 kg | 800X1200X950 mm |
| **FI-602** | 660 | 733 | 600 | 640 | 100 | 350 | 550 | 440 | 690 | 790 | 113 kg | 800X1200X950 mm |
| **FI-603** | 660 | 733 | 600 | 750 | 100 | 350 | 550 | 550 | 800 | 900 | 118 kg | 800X1200X950 mm |

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED PNEUMATIC SERIES Mod. FP-600

## For air-water and diesel 20 bar

Equipped with:
- Brass swivelling joint - Viton® seals

**- Pneumatic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6172-600** | **FP-601** | 330 mm | F1"- F1" BSP |
| **076-6272-600** | **FP-602** | 440 mm | F1"- F1" BSP |
| **076-6372-600** | **FP-603** | 550 mm | F1"- F1" BSP |



**FP-601**

## For water 150°C 200 bar

Equipped with:
- **AISI 304 stainless steel** 90° swivelling joint - Viton® seals

**- Pneumatic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6175-600** | **FP-601** | 330 mm | F1"- F1" BSP |
| **076-6275-600** | **FP-602** | 440 mm | F1"- F1" BSP |
| **076-6375-600** | **FP-603** | 550 mm | F1"- F1" BSP |



**FP-602**

## For water 150°C 200 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals

**- Pneumatic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6176-600** | **FP-601** | 330 mm | F1"- F1" BSP |
| **076-6276-600** | **FP-602** | 440 mm | F1"- F1" BSP |
| **076-6376-600** | **FP-603** | 550 mm | F1"- F1" BSP |



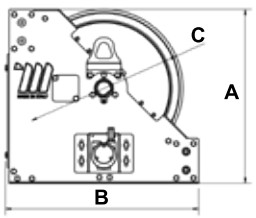
**FP-603**

## For grease 300 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals

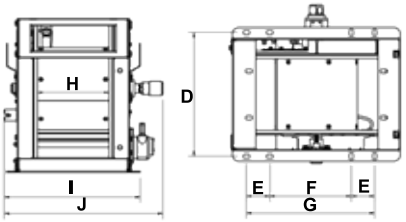
**- Pneumatic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6177-600** | **FP-601** | 330 mm | F1"- F1" BSP |
| **076-6277-600** | **FP-602** | 440 mm | F1"- F1" BSP |
| **076-6377-600** | **FP-603** | 550 mm | F1"- F1" BSP |




## Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FI-601 | Mod.FI-602 | Mod.FI-603 |
|---|---|---|---|---|
| **1/2"** | 20 mm | **50 m** | **100 m** | **200 m** |
| **3/4"** | 27 mm | **30 m** | **60 m** | **90 m** |
| **1"** | 34 mm | **20 m** | **40 m** | **60 m** |




## Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FP-601** | 660 | 733 | 600 | 530 | 100 | 350 | 550 | 330 | 580 | 680 | 110 kg | 800X1200X950 mm |
| **FP-602** | 660 | 733 | 600 | 640 | 100 | 350 | 550 | 440 | 690 | 790 | 115 kg | 800X1200X950 mm |
| **FP-603** | 660 | 733 | 600 | 750 | 100 | 350 | 550 | 550 | 800 | 900 | 119 kg | 800X1200X950 mm |

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MANUAL SERIES Mod. FM-600



**FM-601**

## For air-water and diesel 20 bar

Equipped with:
- Brass swivelling joint - Viton® seals
- **Manual with crank**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6192-600** | **FM-601** | 330 mm | F1”- F1” BSP |
| **076-6292-600** | **FM-602** | 440 mm | F1”- F1” BSP |
| **076-6392-600** | **FM-603** | 550 mm | F1”- F1” BSP |



**FM-602**

## For water 150°C 200 bar

Equipped with:
- **AISI 304 stainless steel** 90° swivelling joint - Viton® seals
- **Manual with crank**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6195-600** | **FM-601** | 330 mm | F1”- F1” BSP |
| **076-6295-600** | **FM-602** | 440 mm | F1”- F1” BSP |
| **076-6395-600** | **FM-603** | 550 mm | F1”- F1” BSP |



**FM-603**

## For oil and lubricants 250 bar

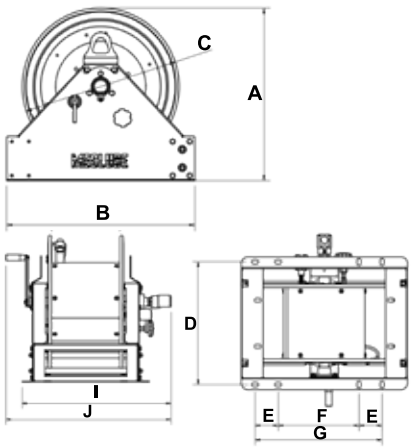
Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Manual with crank**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6196-600** | **FM-601** | 330 mm | F1”- F1” BSP |
| **076-6296-600** | **FM-602** | 440 mm | F1”- F1” BSP |
| **076-6396-600** | **FM-603** | 550 mm | F1”- F1” BSP |

## For grease 300 bar

Equipped with:
- Galvanized steel swivelling joint - NBR seals
- **Manual with crank**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-6197-600** | **FM-601** | 330 mm | F1”- F1” BSP |
| **076-6297-600** | **FM-602** | 440 mm | F1”- F1” BSP |
| **076-6397-600** | **FM-603** | 550 mm | F1”- F1” BSP |




## Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FM-601 | Mod.FM-602 | Mod.FM-603 |
|---|---|---|---|---|
| **1/2”** | 20 mm | **50 m** | **100 m** | **200 m** |
| **3/4”** | 27 mm | **30 m** | **60 m** | **90 m** |
| **1”** | 34 mm | **20 m** | **40 m** | **60 m** |

## Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FM-601** | 660 | 720 | 600 | 530 | 100 | 350 | 550 | 330 | 670 | 745 | 83 kg | 800X1200X950 mm |
| **FM-602** | 660 | 720 | 600 | 640 | 100 | 350 | 550 | 440 | 780 | 855 | 87 kg | 800X1200X950 mm |
| **FM-603** | 660 | 720 | 600 | 750 | 100 | 350 | 550 | 550 | 890 | 965 | 91 kg | 800X1200X950 mm |

# TECHNICAL DATA FOR ELECTRIC, HYDRAULIC, PNEUMATIC MOTORIZATION

**Art. 076-9500-012**
**Electric gear motor 12V DC with pinion and fixing bracket**
Motor protection rating IP55



**Art. 076-9500-024**
**Electric gear motor 24V DC with pinion and fixing bracket**
Motor protection rating IP55



**Art. 076-9500-115**
**Electric gear motor 115V AC with pinion and fixing bracket**
Motor protection rating IP55



**Art. 076-9500-230**
**Electric gear motor 230V AC with pinion and fixing bracket**
Motor protection rating IP55



**Art. 076-9610-032**
**Hydraulic motor OM 32 C-S with pinion and fixing bracket**



**Art. 076-9620-250**
**Pneumatic motor M 250F with pinion and fixing bracket**



## Technical data

| Article | Voltage | Power | RPM | Duty cycle | Absorbed power | Weight | Packaging |
|---|---|---|---|---|---|---|---|
| **076-9500-012** | **12V DC** | 430W | 305 RPM | S3 - 50% | A 36 | 10,000 kg | 300X200X200 mm |
| **076-9500-024** | **24V DC** | 448W | 308 RPM | S3 - 50% | A 19 | 10,000 kg | 300X200X200 mm |
| **076-9500-115** | **115V AC** | 441W | 308 RPM | S3 - 50% | A 3,84 | 10,000 kg | 300X200X200 mm |
| **076-9500-230** | **230V AC** | 402W | 305 RPM | S3 - 50% | A 1,75 | 10,000 kg | 300X200X200 mm |
| **076-9610-032** | **-** | - | 830 RPM | - | - | 4,000 kg | 200X150X150 mm |
| **076-9620-250** | **-** | - | 850 RPM | - | - | 5,40ww0 kg | 200X150X150 mm |

# INDUSTRIAL HOSE REELS Mod. 700

The industrial hose reels with **electric motorized and manual** are designed for applications that require robust equipment, also on trucks. They are suitable for flexible hoses with big diameters for the distribution of compressed air, water, oil and similar, grease, diesel.

## - MOTORIZED 12-24V DC ELECTRIC

**The unwinding of the hose is manual while the rolling process is through the electric motor (12-24V DC).**
It can be connected to a battery or to a power transformer connected to the 230V network.



## - MOTORIZED 230-115V AC ELECTRIC

**The unwinding of the hose is manual while the rolling process is through the electric motor (230-115 AC).**
It has to be connected to the 230-115V AC electric network.



## - MOTORIZED HYDRAULIC

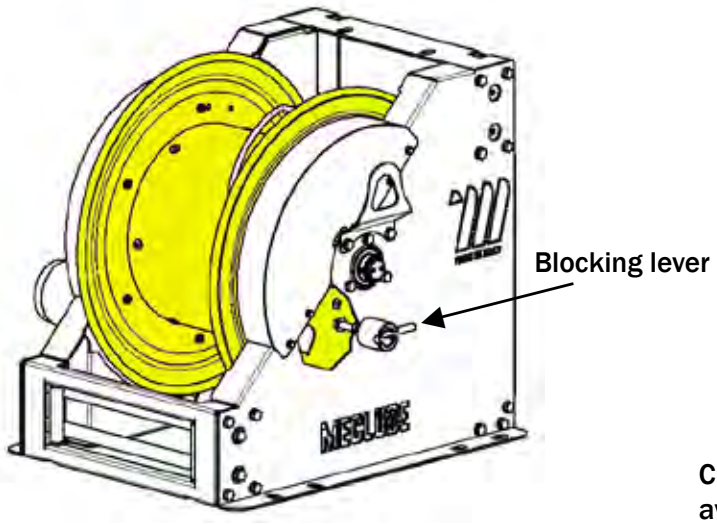
**The unwinding of the hose is manual while the rolling process is through the hydraulic motor.**
It has to be connected to a specific control unit equipped with electric motor, hydraulic oil tank and to a command-and-control system with lever for the rolling process.

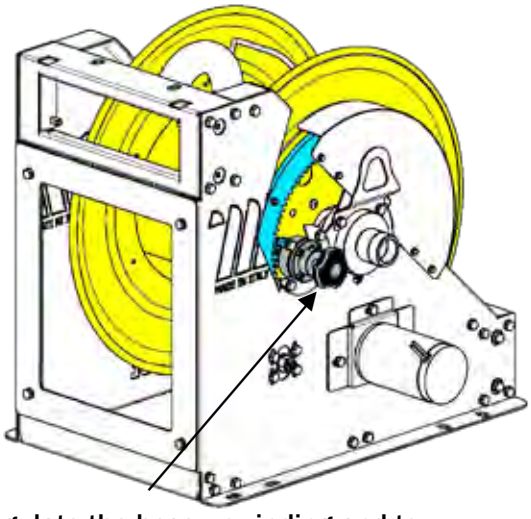


## - MOTORIZED PNEUMATIC

**The unwinding of the hose is manual while the rolling process is through the pneumatic motor. It has to be**
connected to the compressed air supply and to a pressure regulator that allows to adjust the rolling power and speed.





**Clutch to regulate the hose unwinding and to avoid the reel to rotate loosely by inertia.**

# INDUSTRIAL HOSE REELS Mod. 700

New series of motorized industrial hose reels Mod.700
They are supplied with reel Ø 700 with 3 different widths: 330, 440, 550 mm
2''F swivelling joint with pressures of 20 and 250 bar. The main difference is the type of motorization:
- Electric 12V - 24V - 230V - 115V
- Hydraulic
- Pneumatic

They are designed for applications that require robust equipment, also on trucks.
They are suitable for flexible hoses with maximum Ø of 2", for the distribution of compressed air, oil and similar, diesel.
**They are designed to have two different hose exit positions, an upper and a lower one.**






**Motorized chain transmission with double sprocket**

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED 12V ELECTRIC SERIES Mod. FE-700



FE-701

## For air-water and diesel 20 bar

Equipped with:
- Anodized aluminium swivelling joint
- Viton® seals
- **Electric 12V DC motor** 449W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7112-900** | **FE-701** | 330 mm | F2"- F2" BSP |
| **076-7212-900** | **FE-702** | 440 mm | F2"- F2" BSP |
| **076-7312-900** | **FE-703** | 550 mm | F2"- F2" BSP |



FE-702

## For oil and lubricants 250 bar

Equipped with:
- Galvanized steel swivelling joint
- NBR seals
- **Electric 12V DC motor** 449W power

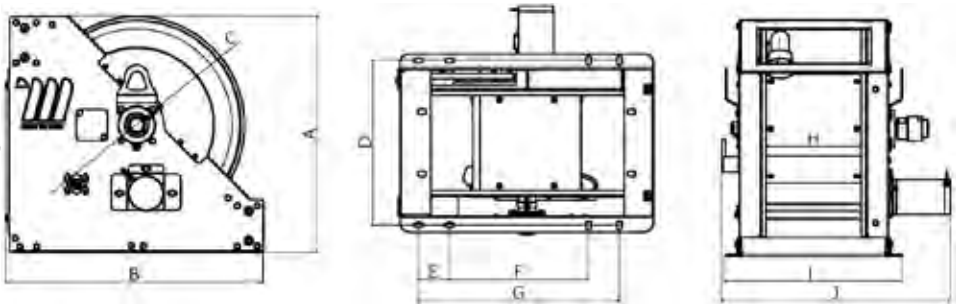
| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7116-900** | **FE-701** | 330 mm | F2"- F2" BSP |
| **076-7216-900** | **FE-702** | 440 mm | F2"- F2" BSP |
| **076-7316-900** | **FE-703** | 550 mm | F2"- F2" BSP |



FE-703

## Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-701 | Mod.FE-702 | Mod.FE-703 |
|---|---|---|---|---|
| **1.1/4"** | 43 mm | **35 m** | **45 m** | **60 m** |
| **1.1/2"** | 50 mm | **20 m** | **30 m** | **50 m** |
| **2"** | 63 mm | **15 m** | **25 m** | **30 m** |




## Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FE-701** | 760 | 833 | 700 | 531 | 100 | 450 | 650 | 330 | 574 | 734 | 122 kg | 800X1200X950 mm |
| **FE-702** | 760 | 833 | 700 | 641 | 100 | 450 | 650 | 440 | 684 | 844 | 140 kg | 1000X1200X950 mm |
| **FE-703** | 760 | 833 | 700 | 751 | 100 | 450 | 650 | 550 | 794 | 954 | 155 kg | 1000X1200X950 mm |

The industrial hose reels with **electric motor 12V** are designed for applications that require robust equipment, also on trucks. They are suitable for flexible hoses with big diameters for the distribution of compressed air, oil and similar, diesel.
The unwinding of the hose is manual while the rolling process is through the electric motor. It can be connected to a battery or to a power transformer connected to the 230V network.

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED 24V ELECTRIC SERIES Mod. FE-700

### For air-water and diesel 20 bar

Equipped with:
- Anodized aluminium swivelling joint
- Viton® seals
- **Electric 24V DC motor** 457W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7122-900** | **FE-701** | 330 mm | F2"- F2" BSP |
| **076-7222-900** | **FE-702** | 440 mm | F2"- F2" BSP |
| **076-7322-900** | **FE-703** | 550 mm | F2"- F2" BSP |



**FE-701**

### For oil and lubricants 250 bar

Equipped with:
- Galvanized steel swivelling joint
- NBR seals
- **Electric 24V DC motor** 457W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7126-900** | **FE-701** | 330 mm | F2"- F2" BSP |
| **076-7226-900** | **FE-702** | 440 mm | F2"- F2" BSP |
| **076-7326-900** | **FE-703** | 550 mm | F2"- F2" BSP |



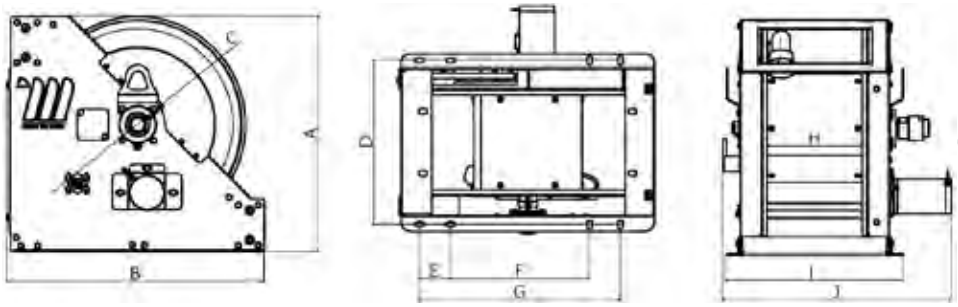
**FE-702**

### Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-701 | Mod.FE-702 | Mod.FE-703 |
|---|---|---|---|---|
| **1.1/4"** | 43 mm | **35 m** | **45 m** | **60 m** |
| **1.1/2"** | 50 mm | **20 m** | **30 m** | **50 m** |
| **2"** | 63 mm | **15 m** | **25 m** | **30 m** |



**FE-703**




### Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FE-701** | 760 | 833 | 700 | 531 | 100 | 450 | 650 | 330 | 574 | 734 | 122 kg | 800X1200X950 mm |
| **FE-702** | 760 | 833 | 700 | 641 | 100 | 450 | 650 | 440 | 684 | 844 | 140 kg | 1000X1200X950 mm |
| **FE-703** | 760 | 833 | 700 | 751 | 100 | 450 | 650 | 550 | 794 | 954 | 155 kg | 1000X1200X950 mm |

The industrial hose reels with **electric motor 24V** are designed for applications that require robust equipment, also on trucks. They are suitable for flexible hoses with big diameters for the distribution of compressed air, oil and similar, diesel.
The unwinding of the hose is manual while the rolling process is through the electric motor. It can be connected to a battery or to a power transformer connected to the 230V network.

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED 230V ELECTRIC SERIES Mod. FE-700



FE-701

## For air-water and diesel 20 bar

Equipped with:
- Anodized aluminium swivelling joint
- Viton® seals
- **Electric 230V AC motor** 448W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7132-900** | **FE-701** | 330 mm | F2"- F2" BSP |
| **076-7232-900** | **FE-702** | 440 mm | F2"- F2" BSP |
| **076-7332-900** | **FE-703** | 550 mm | F2"- F2" BSP |



FE-702

## For oil and lubricants 250 bar

Equipped with:
- Galvanized steel swivelling joint
- NBR seals
- **Electric 230V AC motor** 448W power

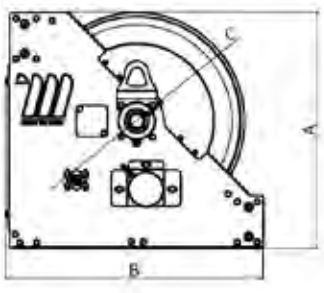
| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7136-900** | **FE-701** | 330 mm | F2"- F2" BSP |
| **076-7236-900** | **FE-702** | 440 mm | F2"- F2" BSP |
| **076-7336-900** | **FE-703** | 550 mm | F2"- F2" BSP |

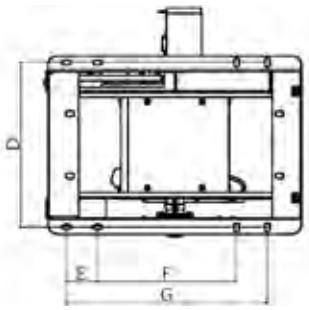


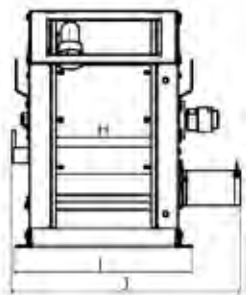
FE-703

## Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-701 | Mod.FE-702 | Mod.FE-703 |
|---|---|---|---|---|
| **1.1/4"** | 43 mm | **35 m** | **45 m** | **60 m** |
| **1.1/2"** | 50 mm | **20 m** | **30 m** | **50 m** |
| **2"** | 63 mm | **15 m** | **25 m** | **30 m** |




## Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FE-701** | 760 | 833 | 700 | 531 | 100 | 450 | 650 | 330 | 574 | 734 | 122 kg | 800X1200X950 mm |
| **FE-702** | 760 | 833 | 700 | 641 | 100 | 450 | 650 | 440 | 684 | 844 | 140 kg | 1000X1200X950 mm |
| **FE-703** | 760 | 833 | 700 | 751 | 100 | 450 | 650 | 550 | 794 | 954 | 155 kg | 1000X1200X950 mm |

The industrial hose reels with electric motor 230V are designed for applications that require robust equipment, also on trucks. They are suitable for flexible hoses with big diameters for the distribution of compressed air, oil and similar, diesel.
The unwinding of the hose is manual while the rolling process is through the electric motor (230 AC).
It has to be connected to the 230 AC electric network.

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED 115V ELECTRIC SERIES Mod. FE-700

### For air-water and diesel 20 bar

Equipped with:
- Anodized aluminium swivelling joint
- Viton® seals
-**Electric 115V AC motor** 451W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7152-900** | **FE-701** | 330 mm | F2"- F2" BSP |
| **076-7252-900** | **FE-702** | 440 mm | F2"- F2" BSP |
| **076-7352-900** | **FE-703** | 550 mm | F2"- F2" BSP |



**FE-701**

### For oil and lubricants 250 bar

Equipped with:
- Anodized aluminium swivelling joint
- NBR seals
-**Electric 115V AC motor** 451W power

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7156-900** | **FE-701** | 330 mm | F2"- F2" BSP |
| **076-7256-900** | **FE-702** | 440 mm | F2"- F2" BSP |
| **076-7356-900** | **FE-703** | 550 mm | F2"- F2" BSP |



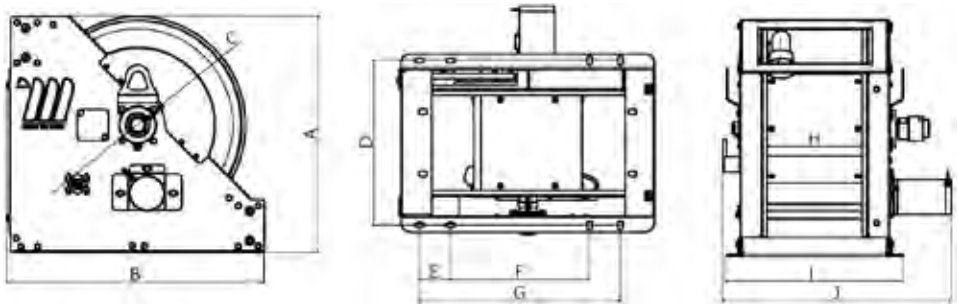
**FE-702**

### Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-701 | Mod.FE-702 | Mod.FE-703 |
|---|---|---|---|---|
| **1.1/4"** | 43 mm | **35 m** | **45 m** | **60 m** |
| **1.1/2"** | 50 mm | **20 m** | **30 m** | **50 m** |
| **2"** | 63 mm | **15 m** | **25 m** | **30 m** |



**FE-703**




### Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FE-701** | 760 | 833 | 700 | 531 | 100 | 450 | 650 | 330 | 574 | 734 | 122 kg | 800X1200X950 mm |
| **FE-702** | 760 | 833 | 700 | 641 | 100 | 450 | 650 | 440 | 684 | 844 | 140 kg | 1000X1200X950 mm |
| **FE-703** | 760 | 833 | 700 | 751 | 100 | 450 | 650 | 550 | 794 | 954 | 155 kg | 1000X1200X950 mm |

The industrial hose reels with **electric motor 115V** are designed for applications that require robust equipment, also on trucks. They are suitable for flexible hoses with big diameters for the distribution of compressed air, oil and similar, diesel.
The unwinding of the hose is manual while the rolling process is through the electric motor (115 AC).
It has to be connected to the 115V AC electric network.

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED HYDRAULIC SERIES Mod. FI-700



FI-701

## For air-water and diesel 20 bar

Equipped with:
- Anodized aluminium swivelling joint
- Viton® seals
- **Hydraulic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7162-900** | **FI-701** | 330 mm | F2"- F2" BSP |
| **076-7262-900** | **FI-702** | 440 mm | F2"- F2" BSP |
| **076-7362-900** | **FI-703** | 550 mm | F2"- F2" BSP |



FI-702

## For oil and lubricants 250 bar

Equipped with:
- Galvanized steel swivelling joint
- NBR seals
- **Hydraulic motor**

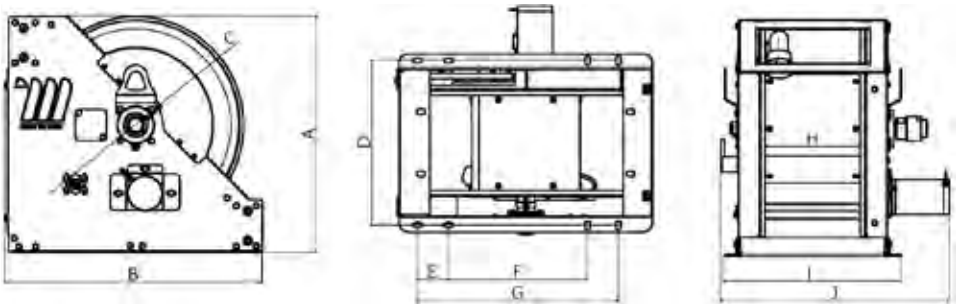
| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7166-900** | **FI-701** | 330 mm | F2"- F2" BSP |
| **076-7266-900** | **FI-702** | 440 mm | F2"- F2" BSP |
| **076-7366-900** | **FI-703** | 550 mm | F2"- F2" BSP |



FI-703

## Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-701 | Mod.FE-702 | Mod.FE-703 |
|---|---|---|---|---|
| **1.1/4"** | 43 mm | **35 m** | **45 m** | **60 m** |
| **1.1/2"** | 50 mm | **20 m** | **30 m** | **50 m** |
| **2"** | 63 mm | **15 m** | **25 m** | **30 m** |




## Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FI-701** | 760 | 833 | 700 | 531 | 100 | 450 | 650 | 330 | 574 | 734 | 119 kg | 800X1200X950 mm |
| **FI-702** | 760 | 833 | 700 | 641 | 100 | 450 | 650 | 440 | 684 | 844 | 137 kg | 1000X1200X950 mm |
| **FI-703** | 760 | 833 | 700 | 751 | 100 | 450 | 650 | 550 | 794 | 954 | 152 kg | 1000X1200X950 mm |

The industrial hose reels with **hydraulic motor** are designed for applications that require robust equipment, also on trucks. They are suitable for flexible hoses with big diameters for the distribution of compressed air, oil and similar, diesel. The unwinding of the hose is manual while the rolling process is through the hydraulic motor. It has to be connected to a specific control unit equipped with electric motor, hydraulic oil tank and to a command-and-control system with lever for the rolling process.

# INDUSTRIAL HOSE REELS IN PAINTED STEEL
# MOTORIZED PNEUMATIC SERIES Mod. FP-700

### For air-water and diesel 20 bar

Equipped with:
- Anodized aluminium swivelling joint
- Viton® seals
- **Pneumatic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7172-900** | **FP-701** | 330 mm | F2"- F2" BSP |
| **076-7272-900** | **FP-702** | 440 mm | F2"- F2" BSP |
| **076-7372-900** | **FP-703** | 550 mm | F2"- F2" BSP |



**FP-701**

### For oil and lubricants 250 bar

Equipped with:
- Galvanized steel swivelling joint
- NBR seals
- **Pneumatic motor**

| Article | Model | Internal reel width | Inlet-Outlet |
|---|---|---|---|
| **076-7176-900** | **FP-701** | 330 mm | F2"- F2" BSP |
| **076-7276-900** | **FP-702** | 440 mm | F2"- F2" BSP |
| **076-7376-900** | **FP-703** | 550 mm | F2"- F2" BSP |



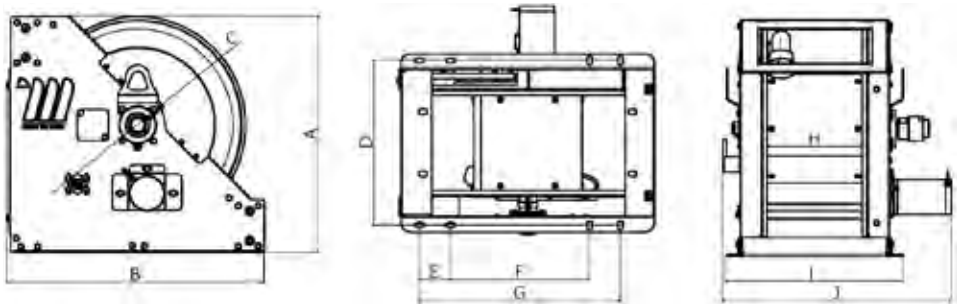
**FP-702**

### Hose reel capacity

| Ø Hose | Ø external Hose | Mod.FE-701 | Mod.FE-702 | Mod.FE-703 |
|---|---|---|---|---|
| **1.1/4"** | 43 mm | **35 m** | **45 m** | **60 m** |
| **1.1/2"** | 50 mm | **20 m** | **30 m** | **50 m** |
| **2"** | 63 mm | **15 m** | **25 m** | **30 m** |



**FP-703**




### Overall dimensions

| Model | A | B | C | D | E | F | G | H | I | J | Weight | Packaging |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FP-701** | 760 | 833 | 700 | 531 | 100 | 450 | 650 | 330 | 574 | 734 | 120 kg | 800X1200X950 mm |
| **FP-702** | 760 | 833 | 700 | 641 | 100 | 450 | 650 | 440 | 684 | 844 | 139 kg | 1000X1200X950 mm |
| **FP-703** | 760 | 833 | 700 | 751 | 100 | 450 | 650 | 550 | 794 | 954 | 155 kg | 1000X1200X950 mm |

The industrial hose reels with **pneumatic motor** are designed for applications that require robust equipment, also on trucks. They are suitable for flexible hoses with big diameters for the distribution of compressed air, oil and similar, diesel. The unwinding of the hose is manual while the rolling process is through the pneumatic motor. It has to be connected to the compressed air supply and to a pressure regulator that allows to adjust the rolling power and speed.

# TECHNICAL DATA FOR ELECTRIC, HYDRAULIC, PNEUMATIC MOTORIZATION



**Art. 076-9900-012**
**Electric motor 12V DC with pinion and fixing bracket**
Motor protection rating IP55



**Art. 076-9900-024**
**Electric motor 24V DC with pinion and fixing bracket**
Motor protection rating IP55



**Art. 076-9900-115**
**Electric motor 115V AC with pinion and fixing bracket**
Motor protection rating IP55



**Art. 076-9900-230**
**Electric motor 230V AC with pinion and fixing bracket**
Motor protection rating IP55



**Art. 076-9910-032**
**Hydraulic motor OM 32 C-S with pinion and fixing bracket**



**Art. 076-9920-250**
**Pneumatic motor M 250F with pinion and fixing bracket**



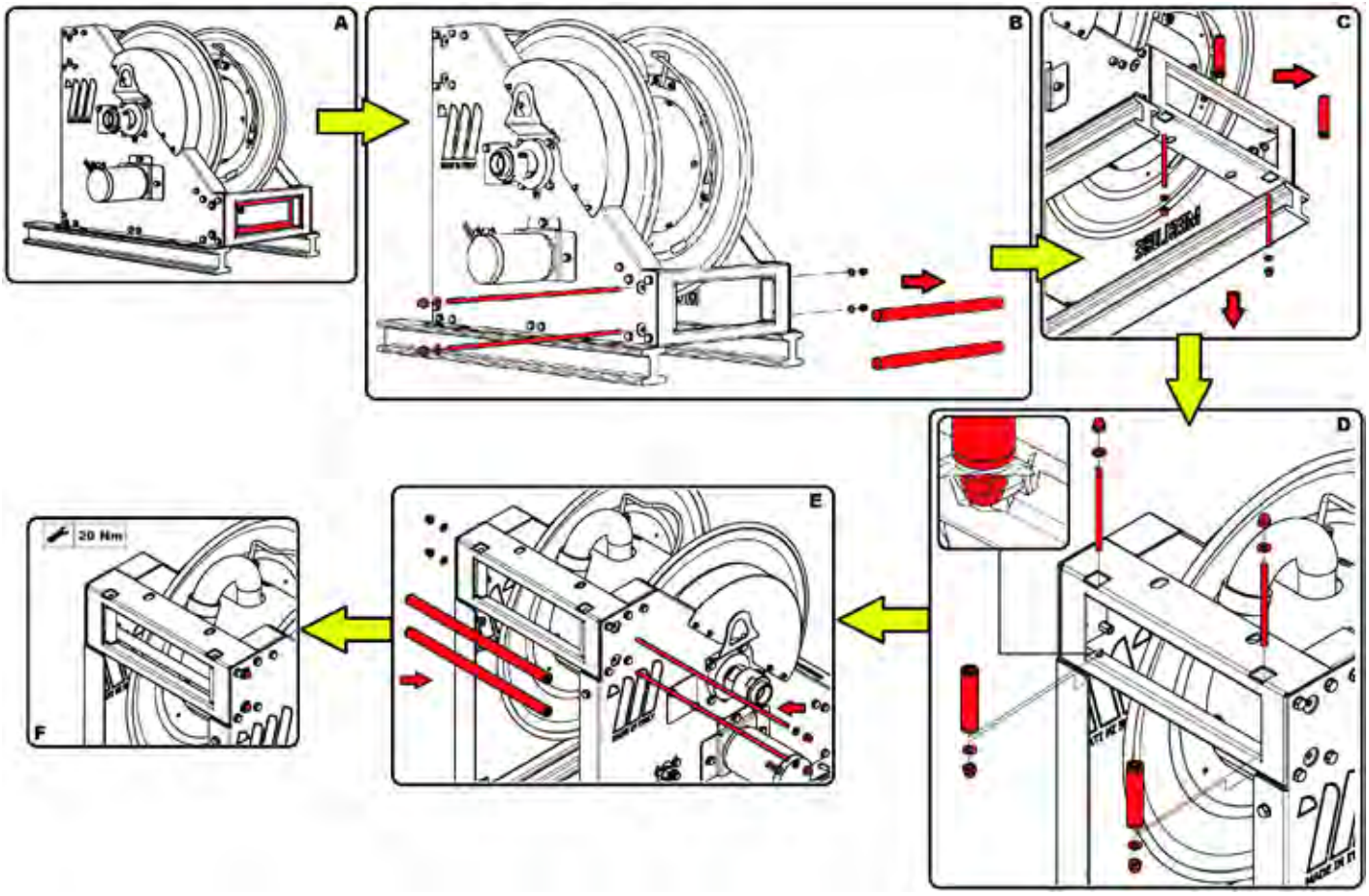
**Art. 076-9950-000**
**Adjustable rewinding clutch for hose reel Mod. 700**
with fixing bracket



**Art. 076-9960-000**
**Blocking lever for hose reel Mod.600/700**

## Technical data

| Article | Voltage | Power | RPM | Duty cycle | Absorbed power | Weight | Packaging |
|---|---|---|---|---|---|---|---|
| **076-9900-012** | **12V DC** | 449W | 810 RPM | S3 - 50% | A 37,5 | 7,700 kg | 300X200X200 mm |
| **076-9900-024** | **24V DC** | 457W | 856 RPM | S3 - 50% | A 19 | 7,700 kg | 300X200X200 mm |
| **076-9900-115** | **115V AC** | 451W | 869 RPM | S3 - 50% | A 4 | 7,700 kg | 300X200X200 mm |
| **076-9900-230** | **230V AC** | 448W | 818 RPM | S3 - 50% | A 2 | 7,700 kg | 300X200X200 mm |
| **076-9910-032** | - | - | 830 RPM | - | - | 3,500 kg | 200X150X150 mm |
| **076-9920-250** | - | - | 850 RPM | - | - | 5,000 kg | 200X150X150 mm |




**HOSE REEL INSTALLATION**

As a matter of fact before installing the hose reel it is important to decide which of the two hose exit positions is the best one for your purpose.
The hose reel is designed to have two different hose exit positions, an upper and a lower one. The machine is supplied with the rollers installed in the lower position, to put them in the upper position it is necessary to:

**A.** Lift the hose reel with a suitable equipment, make sure it is well secured, then set it on a base who let a free access to the lower part of the machine, without being instable and strong enough to support the reel weight.

**B.** Remove the 17 mm lateral nuts with the relative washer. Pull out the two support rods of the horizontal rollers, them remove them from the frame and put them on the bench.

**C.** Using a 17 mm wrench in the lower part of the reel you can now remove the locking nut of the vertical rollers, by loosing the rods and removing them from the base you can remove the short rollers from the frame.

**D.** Now go to the back upper section of the reel, insert the shorter rollers into the frame and fix them with the rods and nuts removed in the last step. We reccomend the use of thread locker medium strenght.

**E.** Repeat the operation on the longer rollers, insert the support rods and then fasten the 17 mm nuts with the washers. Also in this case it is firmly recommended the use of the thread locker medium strenght.

**F.** Check the nuts tighten, the reference torque is 20 N/m

# PANELS SUPPORT HOSE REELS



079-1779-002

## Art. 079-1779-002

**Panel support for 2 hose reels**
For the application hose reels
Mod. F-400 – F-460 – F-550 – CF-500
Dimensions 590X390X65 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 079-1779-002 | 6,700 | 0,216 | 1 |



079-1779-003

## Art. 079-1779-003

**Panel support for 3 hose reels**
For the application hose reels
Mod. F-400 – F-460 – F-550 – CF-500
Dimensions 860X390X65 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 079-1779-003 | 9,200 | 0,313 | 1 |



079-1779-004

## Art. 079-1779-004

**Panel support for 4 hose reels**
For the application hose reels
Mod. F-400 – F-460 – F-550 – CF-500
Dimensions 1113X390X65 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 079-1779-004 | 14,600 | 0,400 | 1 |



079-1779-005

## Art. 079-1779-005

**Panel support for 5 hose reels**
For the application hose reels
Mod. F-400 – F-460 – F-550 – CF-500
Dimensions 1460X390X65 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 079-1779-005 | 15,900 | 0,500 | 1 |



079-1800-001

## Art. 079-1800-001

**Bracket to be fixed to the ceiling on HEA girders**
For the application of 1 hose reel
Mod. F-400-F-460-CF-500
Dimensions 425X192X26 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 079-1800-001 | 2,350 | 0,048 | 1 |



079-1800-002

## Art. 079-1800-002

**Bracket to be fixed to the ceiling on HEA girders**
For the application of 2 hose reel
Mod. F-400-F-460-CF-500
Dimensions 428X205X26 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 079-1800-002 | 5,500 | 0,050 | 1 |



079-1800-003

## Art. 079-1800-003

**Bracket to be fixed to the ceiling on HEA girders**
For the application of 3 hose reel
Mod. F-400-F-460-CF-500
Dimensions 698X205X26 mm

| | Kg | m³ | Nº |
|---|---|---|---|
| 079-1800-003 | 7,400 | 0,080 | 1 |

**These special brackets can be used in two different positions with 90° rotation**



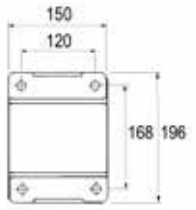




# ROTARY SUPPORT WITH QUICK CONNECTION FOR HOSE REELS

**Art. 079-1777-150**
**Rotary varnished support**
For fixed hose reels Mod. F-400 – F460 – CF-500

**Art. 079-1778-150**
**Rotary bracket in AISI 304 stainless steel**
For fixed hose reels Mod. FX-400 – FX-460 – CFX-500




F-400/460
FX-400/460



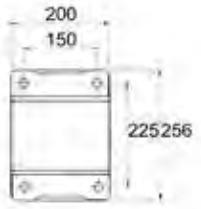
**079-1777-150**



**079-1778-150**

**Art. 079-1777-200**
**Rotary varnished support**
For fixed hose reels Mod. F-550

**Art. 079-1778-200**
**Rotary bracket in AISI 304 stainless steel**
For fixed hose reels Mod. FX-550




F-550
FX-550



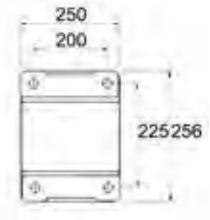
**079-1777-200**



**079-1778-200**

**Art. 079-1777-250**
**Rotary varnished support**
For fixed hose reels Mod. F-555

**Art. 079-1778-250**
**Rotary bracket in AISI 304 stainless steel**
For fixed hose reels Mod. FX-555




F-555
FX-555



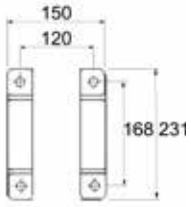
**079-1777-250**



**079-1778-250**

**Art. 079-1776-000**
**Fixed varnished double bracket**
For closed hose reels Mod. CF-500

**Art. 079-1775-000**
**Double fixed bracket in AISI 304 stainless steel**
For closed hose reels Mod. CFX-500




CF-300/500
CFX-500

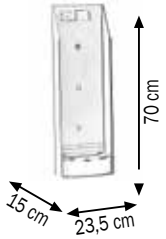


**079-1776-000**



**079-1775-000**

**Art. 024-1785-000**
**Support for drops collections for oil nozzle**
Composed by:
Hook for stop oil nozzle
Removable drip tray






**024-1785-000**

| | | | |
|---|---|---|---|
| **024-1785-000** | 3,400 | 0,030 | 1 |

# DIRECTIONAL BRACKETS WITH HOSE GUIDE
# CRANK HANDLES FOR MANUAL HOSE REELS



**Art. 079-1890-400**
**Painted steel directional brackets with hose guide**
For manual hose reels Mod. FM-400/460

**Art. 079-1890-550**
**Painted steel directional brackets with hose guide**
For manual hose reels Mod. FM-550

**Art. 079-1890-555**
**Painted steel directional brackets with hose guide**
For manual hose reels Mod. FM-555

**Art. 079-1890-560**
**Painted steel directional brackets with hose guide**
For manual hose reels Mod. FM-560



**Art. 079-1891-400**
**AISI 304 stainless steel directional brackets with hose guide**
For manual hose reels Mod. FMX-400/460

**Art. 079-1891-550**
**AISI 304 stainless steel directional brackets with hose guide**
For manual hose reels Mod. FMX-550

**Art. 079-1891-555**
**AISI 304 stainless steel directional brackets with hose guide**
For manual hose reels Mod. FMX-555

**Art. 079-1891-560**
**AISI 304 stainless steel directional brackets with hose guide**
For manual hose reels Mod. FMX-560



**Art. 077-9990-400**
**Painted steel revolving flick with folding handgrip**
For manual hose reels Mod. FM-400/460

**Art. 077-9990-550**
**Painted steel revolving flick with folding handgrip**
For manual hose reels Mod. FM-550/555/560



**Art. 077-9991-400**
**AISI 304 stainless steel revolving flick with folding handgrip**
For manual hose reels Mod. FM-400/460

**Art. 077-9991-550**
**AISI 304 stainless steel revolving flick with folding handgrip**
For manual hose reels Mod. FM-550/555/560



**Art. 076-9990-600**
**Painted steel revolving flick**
For manual industrial hose reels Mod. FM-600

# SWIVELLING JOINTS 90° FOR HOSE REELS

### Brass 90° swivelling joint AIR-WATER

| Article | Inlet-Outlet | Pressure | Seals |
|---|---|---|---|
| 079-1770-003 | F3/8"BSP - M3/8"BSP | 20 bar | Viton® |
| 079-1770-004 | F1/2"BSP - M1/2"BSP | 100 bar | Viton® |
| 079-1770-006 | F1"BSP - M3/4"BSP | 50 bar | Viton® |


079-1770-003


079-1770-004

### Anodized aluminium 90° swivelling joint AIR-WATER

| Article | Inlet-Outlet | Pressure | Seals |
|---|---|---|---|
| 079-1770-808 | F1.1/2"BSP - M1.1/2"BSP | 20 bar | Viton® |
| 079-1770-909 | F2"BSP - M54x1,5" | 20 bar | Viton® |


079-1770-808


079-1770-909

### AISI 304 stainless steel 90° swivelling joint WATER 150° C

| Article | Inlet-Outlet | Pressure | Seals |
|---|---|---|---|
| 079-1771-003 | F3/8"BSP - M3/8"BSP | 280 bar | Viton® |
| 079-1771-004 | F1/2"BSP - M1/2"BSP | 400 bar | Teflon |
| 079-1771-006 | F1"BSP - M3/4"BSP | 200 bar | Viton® |


079-1771-004


079-1771-006

### AISI 304 stainless steel 90° swivelling joint FOOD 120° C

| Article | Inlet-Outlet | Pressure | Seals |
|---|---|---|---|
| 079-1771-404 | F1/2"BSP - M1/2"BSP | 200 bar | EPDM - FDA |
| 079-1771-506 | F1"BSP - M3/4"BSP | 100 bar | EPDM - FDA |


079-1771-404


079-1771-506

### Galvanized steel 90° swivelling joint OIL AND SIMILAR

| Article | Inlet-Outlet | Pressure | Seals |
|---|---|---|---|
| 079-1772-004 | F1/2"BSP - M1/2"BSP | 200 bar | Poliuretano |
| 079-1772-006 | F1"BSP - M3/4"BSP | 100 bar | Poliuretano |
| 079-1772-606 | F1"BSP - M1"BSP | 100/300 bar | NBR |
| 079-1772-808 | F1.1/2"BSP - M1.1/2"BSP | 100/300 bar | NBR |
| 079-1772-909 | F2"BSP - M54x1,5" | 80/250 bar | NBR |


079-1772-004


079-1772-808

### Galvanized steel 90° swivelling joint GREASE

| Article | Inlet-Outlet | Pressure | Seals |
|---|---|---|---|
| 079-1773-002 | M1/4"BSP - M3/8"BSP | 600 bar | Poliuretano |
| 079-1773-003 | M3/8"BSP - M3/8"BSP | 500 bar | Poliuretano |
| 079-1773-004 | M1/2"BSP - M1/2"BSP | 400 bar | NBR |
| 079-1773-006 | M1"BSP - M1"BSP | 300 bar | NBR |


079-1773-002


079-1773-004

### Galvanized steel - anodized alluminium 90° swivelling joint DIESEL

| Article | Inlet-Outlet | Pressure | Seals |
|---|---|---|---|
| 079-1774-506 | F1"BSP - M3/4"BSP | 10 bar | Viton® |
| 079-1774-006 | F1"BSP - M3/4"BSP | 50 bar | Viton® |


079-1774-506


079-1774-006

### Galvanized steel 90° swivelling joint GASOLINE

| Article | Inlet-Outlet | Pressure | Seals |
|---|---|---|---|
| 079-1774-V06 | F1"BSP - M3/4"BSP | 100 bar | Viton® |


079-1774-V06

# GALVANIZED STEEL CONNECTION FITTINGS FOR HOSE REELS

### BSP male - BSP male nipples



| Article | Threaded |
|---|---|
| F96-0100-202 | M1/4”BSP - M1/4”BSP |
| F96-0100-303 | M3/8”BSP - M3/8”BSP |
| F96-0100-404 | M1/2”BSP - M1/2”BSP |
| F96-0100-505 | M3/4”BSP - M3/4”BSP |
| F96-0100-606 | M1”BSP - M1”BSP |
| F96-0100-707 | M1.1/4”BSP - M1.1/4”BSP |
| F96-0100-808 | M1.1/2”BSP - M1.1/2”BSP |
| F96-0100-909 | M2”BSP - M2”BSP |

### BSP male - BSP male reduced nipples



| Article | Threaded |
|---|---|
| F96-0100-302 | M3/8”BSP - M1/4”BSP |
| F96-0100-402 | M1/2”BSP - M1/4”BSP |
| F96-0100-403 | M1/2”BSP - M3/8”BSP |
| F96-0100-504 | M3/4”BSP - M1/2”BSP |
| F96-0100-604 | M1”BSP - M1/2”BSP |
| F96-0100-605 | M1”BSP - M3/4”BSP |
| F96-0100-706 | M1.1/4”BSP - M1”BSP |
| F96-0100-806 | M1.1/2”BSP - M1”BSP |
| F96-0100-807 | M1.1/2”BSP - M1.1/4”BSP |
| F96-0100-907 | M2”BSP - M1.1/4”BSP |
| F96-0100-908 | M2”BSP - M1.1/2”BSP |

### BSP male - BSP female extensions



| Article | Threaded |
|---|---|
| F96-0210-404 | M1/2”BSP - F1/2”BSP |
| F96-0210-505 | M3/4”BSP - F3/4”BSP |

### BSP male - BSP female reduced extensions



| Article | Threaded |
|---|---|
| F96-0210-203 | M1/4”BSP - F3/8”BSP |
| F96-0210-304 | M3/8”BSP - F1/2”BSP |
| F96-0210-305 | M3/8”BSP - F3/4”BSP |
| F96-0210-405 | M1/2”BSP - F3/4”BSP |
| F96-0210-506 | M3/4”BSP - F1”BSP |

### BSP male - BSP female plug reductions



| Article | Threaded |
|---|---|
| F96-0300-201 | M1/4”BSP - F1/8”BSP |
| F96-0300-302 | M3/8”BSP - F1/4”BSP |
| F96-0300-403 | M1/2”BSP - F3/8”BSP |
| F96-0300-504 | M3/4”BSP - F1/2”BSP |
| F96-0300-604 | M1”BSP - F1/2”BSP |
| F96-0300-605 | M1”BSP - F3/4”BSP |
| F96-0300-908 | M2”BSP - F1.1/2”BSP |

### BSP male - NPTF male nipples



| Article | Threaded |
|---|---|
| F96-0110-202 | M1/4”BSP - M1/4”NPTF |
| F96-0110-303 | M3/8”BSP - M3/8”NPTF |
| F96-0110-404 | M1/2”BSP - M1/2”NPTF E.22 |
| F96-0110-505 | M3/4”BSP - M3/4”NPTF |
| F96-0110-606 | M1”BSP - M1”NPTF |
| F96-0110-707 | M1.1/4”BSP- M1.1/4”NPTF |
| F96-0110-808 | M1.1/2”BSP - M1.1/2”NPTF |
| F96-0110-909 | M2”BSP - M2”NPTF |

### BSP male - NPTF male reduced nipples



| Article | Threaded |
|---|---|
| F96-0110-204 | M1/4”BSP - M1/2”NPTF E.22 |
| F96-0110-302 | M3/8”BSP - M1/4”NPTF |
| F96-0110-304 | M3/8”BSP - M1/2”NPTF E.22 |
| F96-0110-305 | M3/8”BSP - M3/4”NPTF |
| F96-0110-402 | M1/2”BSP - M1/4”NPTF |
| F96-0110-403 | M1/2”BSP - M3/8”NPTF |
| F96-0110-405 | M1/2”BSP - M3/4”NPTF |
| F96-0110-504 | M3/4”BSP - M1/2”NPTF |
| F96-0110-604 | M1”BSP - M1/2”NPTF |
| F96-0110-605 | M1”BSP - M3/4”NPTF |
| F96-0110-806 | M1.1/2”BSP - M1”NPTF |
| F96-0110-807 | M1.1/2”BSP - M1.1/4”NPTF |
| F96-0110-907 | M2”BSP - M1.1/4”NPTF |
| F96-0110-908 | M2”BSP - M1.1/2”NPTF |

### NPTF male - BSP female extensions



| Article | Threaded |
|---|---|
| F96-0212-404 | M1/2”NPTF - F1/2”BSP |
| F96-0212-505 | M3/4”NPTF - F3/4”BSP |

### NPTF male - BSP female reduced extensions



| Article | Threaded |
|---|---|
| F96-0212-304 | M3/8”NPTF - F1/2”BSP |
| F96-0212-305 | M3/8”NPTF - F3/4”BSP |
| F96-0212-405 | M1/2”NPTF - F3/4”BSP |
| F96-0212-506 | M3/4”NPTF - F1”BSP |

### NPTF male - BSP female plug reductions



| Article | Threaded |
|---|---|
| F96-0302-403 | M1/2”NPTF - F3/8”BSP |
| F96-0302-504 | M3/4”NPTF - F1/2”BSP |
| F96-0302-605 | M1”NPTF - F3/4”BSP |



| Galvanized steel connection ring nut | | | |
|---|---|---|---|
| F96-0050-322 | M3/8”G - F22X1,5 | 250 bar | 40 l/min |

Suitable for connecting pressure washer spray guns

# AISI 316 STAINLESS STEEL CONNECTION FITTINGS FOR HOSE REELS

**AISI 316 stainless steel**
**BSP male - BSP male nipples**

| Article | Threaded |
|---|---|
| F96-1100-202 | M1/4"BSP - M1/4"BSP |
| F96-1100-303 | M3/8"BSP - M3/8"BSP |
| F96-1100-404 | M1/2"BSP - M1/2"BSP |
| F96-1100-505 | M3/4"BSP - M3/4"BSP |
| F96-1100-606 | M1"BSP - M1"BSP |



**AISI 316 stainless steel**
**BSP male - NPTF male nipples**

| Article | Threaded |
|---|---|
| F96-1110-303 | M3/8"BSP - M3/8"NPTF |
| F96-1110-404 | M1/2"BSP - M1/2"NPTF E.22 |
| F96-1110-505 | M3/4"BSP - M3/4"NPTF |
| F96-1110-606 | M1"BSP - M1"NPTF |



**AISI 316 stainless steel**
**BSP male - BSP male reduced nipples**

| Article | Threaded |
|---|---|
| F96-1100-302 | M3/8"BSP - M1/4"BSP |
| F96-1100-403 | M1/2"BSP - M3/8"BSP |
| F96-1100-504 | M3/4"BSP - M1/2"BSP |
| F96-1100-604 | M1"BSP - M1/2"BSP |
| F96-1100-605 | M1"BSP - M3/4"BSP |



**AISI 316 stainless steel**
**BSP male - NPTF male reduced nipples**

| Article | Threaded |
|---|---|
| F96-1110-204 | M1/4"BSP - M1/2"NPTF E.22 |
| F96-1110-304 | M3/8"BSP - M1/2"NPTF E.22 |
| F96-1110-305 | M3/8"BSP - M3/4"NPTF |
| F96-1110-403 | M1/2"BSP - M3/8"NPTF |
| F96-1110-405 | M1/2"BSP - M3/4"NPTF |
| F96-1110-504 | M3/4"BSP - M1/2"NPTF |
| F96-1110-604 | M1"BSP - M1/2"NPTF |
| F96-1110-605 | M1"BSP - M3/4"NPTF |



**AISI 316 stainless steel**
**BSP male - BSP female extension**

| Article | Threaded |
|---|---|
| F96-1210-404 | M1/2"BSP - F1/2"BSP |
| F96-1210-505 | M3/4"BSP - F3/4"BSP |



**AISI 316 stainless steel**
**NPTF male - BSP female extension**

| Article | Threaded |
|---|---|
| F96-1212-404 | M1/2"NPTF - F1/2"BSP |
| F96-1212-505 | M3/4"NPTF - F3/4"BSP |



**AISI 316 stainless steel**
**BSP male - BSP female reduced extension**

| Article | Threaded |
|---|---|
| F96-1210-304 | M3/8"BSP - F1/2"BSP |
| F96-1210-305 | M3/8"BSP - F3/4"BSP |
| F96-1210-405 | M1/2"BSP - F3/4"BSP |



**AISI 316 stainless steel**
**NPTF male - BSP female reduced extension**

| Article | Threaded |
|---|---|
| F96-1212-304 | M3/8"NPTF - F1/2"BSP |
| F96-1212-305 | M3/8"NPTF - F3/4"BSP |
| F96-1212-405 | M1/2"NPTF - F3/4"BSP |



**AISI 316 stainless steel**
**BSP male - BSP female plug reductions**

| Article | Threaded |
|---|---|
| F96-1300-403 | M1/2"BSP - F3/8"BSP |
| F96-1300-504 | M3/4"BSP - F1/2"BSP |
| F96-1300-605 | M1"BSP - F3/4"BSP |



**AISI 316 stainless steel**
**NPTF male - BSP female plug reductions**

| Article | Threaded |
|---|---|
| F96-1302-403 | M1/2"NPTF - F3/8"BSP |
| F96-1302-504 | M3/4"NPTF - F1/2"BSP |
| F96-1302-605 | M1"NPTF - F3/4"BSP |



# RUBBER HOSE-STOP
# CONNECTION HOSES FOR HOSE REELS - TECHNICAL DATA



**Rubber hose-stop for hose reels**

| Article | Ø Hose size | Ø External Hose | Ø Hose-stop |
|---|---|---|---|
| 079-1780-001 | 1/4" | 12 - 13 mm | 80 mm |
| 079-1780-002 | 5/16" | 14 - 15 mm | 80 mm |
| 079-1780-003 | 3/8" | 16 - 17 mm | 80 mm |
| 079-1780-004 | 1/2" | 19 - 20 mm | 80 mm |
| 079-1780-005 | 3/4" | 26 - 27 mm | 80 mm |
| 079-1780-006 | 1" | 34 - 35 mm | 80 mm |



**Rubber hose stop for industrial hose reels**

| Article | Ø Hose size | Ø External Hose | Ø Hose-stop |
|---|---|---|---|
| 079-1782-006 | 1" | 34 - 36 mm | 150 mm |
| 079-1782-007 | 1.1/4" | 40 - 43 mm | 150 mm |
| 079-1782-008 | 1.1/2" | 47 - 50 mm | 150 mm |
| 079-1782-009 | 2" | 60 - 63 mm | 150 mm |



**AIR-WATER 20 bar**

- Blue polyurethane ether-baset hoses
- Connection nickel-plated brass - galvanized steel

| Article | L.Hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| 901-0302-015 | 1,5 m | 8X12 mm | 20 bar | M3/8"G - F1/4"G |
| 901-0302-020 | 2,0 m | 8X12 mm | 20 bar | M1/4"G - F1/4"G |
| 901-0323-006 | 0,6 m | 10X14 mm | 20 bar | F3/8"G - F3/8"G |
| 901-0323-015 | 1,5 m | 10X14 mm | 20 bar | F3/8"G - F3/8"G |
| 901-0303-020 | 2,0 m | 10X14 mm | 20 bar | M3/8"G - F3/8"G |
| 901-0424-006 | 0,6 m | 13X19 mm | 20 bar | F1/2"G - F1/2"G |
| 901-0424-015 | 1,5 m | 13X19 mm | 20 bar | F1/2"G - F1/2"G |
| 901-0404-020 | 2,0 m | 13X19 mm | 20 bar | M1/2"G - F1/2"G |



**AIR-WATER from 20 to 28 bar**

- Synthetic black rubber hoses R6
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| 902-0222-010 | 1,0 m | 5/16" - 7,9X14 mm | 28 bar | F3/8"G - F3/8"G |
| 902-0222-020 | 2,0 m | 5/16" - 7,9X14 mm | 28 bar | F3/8"G - F3/8"G |
| 902-0323-006 | 0,6 m | 3/8" - 9,5X15,8 mm | 28 bar | F3/8"G - F3/8"G |
| 902-0323-010 | 1,0 m | 3/8" - 9,5X15,8 mm | 28 bar | F3/8"G - F3/8"G |
| 902-0323-015 | 1,5 m | 3/8" - 9,5X15,8 mm | 28 bar | F3/8"G - F3/8"G |
| 902-0323-020 | 2,0 m | 3/8" - 9,5X15,8 mm | 28 bar | F3/8"G - F3/8"G |
| 902-0424-006 | 0,6 m | 1/2" - 12,8X19,4 mm | 28 bar | F1/2"G - F1/2"G |
| 902-0424-010 | 1,0 m | 1/2" - 12,8X19,4 mm | 28 bar | F1/2"G - F1/2"G |
| 902-0424-015 | 1,5 m | 1/2" - 12,8X19,4 mm | 28 bar | F1/2"G - F1/2"G |
| 902-0424-020 | 2,0 m | 1/2" - 12,8X19,4 mm | 28 bar | F1/2"G - F1/2"G |
| 902-0525-006 | 0,6 m | 3/4" - 19X26 mm | 21 bar | F3/4"G - F3/4"G |
| 902-0525-010 | 1,0 m | 3/4" - 19X26 mm | 21 bar | F3/4"G - F3/4"G |
| 902-0525-015 | 1,5 m | 3/4" - 19X26 mm | 21 bar | F3/4"G - F3/4"G |
| 902-0525-020 | 2,0 m | 3/4" - 19X26 mm | 21 bar | F3/4"G - F3/4"G |
| 902-0626-006 | 0,6 m | 1" - 25,4X33 mm | 20 bar | F1"G - F1"G |
| 902-0626-010 | 1,0 m | 1" - 25,4X33 mm | 20 bar | F1"G - F1"G |
| 902-0626-015 | 1,5 m | 1" - 25,4X33 mm | 20 bar | F1"G - F1"G |
| 902-0626-020 | 2,0 m | 1" - 25,4X33 mm | 20 bar | F1"G - F1"G |

# CONNECTION HOSES FOR HOSE REELS
# TECHNICAL DATA

**WATER 150°C 200 bar**
- Blue no trace synthetic rubber hoses 1SC
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| 904-0323-006 | 0,6 m | 3/8" - 9,5X15,6 mm | 200 bar | F3/8"G - F3/8"G |
| 904-0323-015 | 1,5 m | 3/8" - 9,5X15,6 mm | 200 bar | F3/8"G - F3/8"G |
| 904-0424-006 | 0,6 m | 1/2" - 12,8X19,1 mm | 200 bar | F1/2"G - F1/2"G |
| 904-0424-015 | 1,5 m | 1/2" - 12,8X19,1 mm | 200 bar | F1/2"G - F1/2"G |



**WATER 150°C 400 bar**
- Blue no trace synthetic rubber hoses 2SC
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| 905-0323-006 | 0,6 m | 3/8" - 9,5X17,0 mm | 400 bar | F3/8"G - F3/8"G |
| 905-0323-015 | 1,5 m | 3/8" - 9,5X17,0 mm | 400 bar | F3/8"G - F3/8"G |
| 905-0424-006 | 0,6 m | 1/2" - 12,8X20,4 mm | 400 bar | F1/2"G - F1/2"G |
| 905-0424-015 | 1,5 m | 1/2" - 12,8X20,4 mm | 400 bar | F1/2"G - F1/2"G |



**OIL AND SIMILAR FLUIDS from 88 to 160 bar**
- Black synthetic rubber hoses 1SC
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| 906-0424-006 | 0,6 m | 1/2" - 12,8X19,1 mm | 160 bar | F1/2"G - F1/2"G |
| 906-0434-008 | 0,8 m | 1/2" - 12,8X19,1 mm | 160 bar | F90°1/2"G - F1/2"G |
| 906-0424-010 | 1,0 m | 1/2" - 12,8X19,1 mm | 160 bar | F1/2"G - F1/2"G |
| 906-0424-015 | 1,5 m | 1/2" - 12,8X19,1 mm | 160 bar | F1/2"G - F1/2"G |
| 906-0424-020 | 2,0 m | 1/2" - 12,8X19,1 mm | 160 bar | F1/2"G - F1/2"G |
| 906-0525-006 | 0,6 m | 3/4" - 19X26 mm | 105 bar | F3/4"G - F3/4"G |
| 906-0535-008 | 0,8 m | 3/4" - 19X26 mm | 105 bar | F90°3/4"G - F3/4"G |
| 906-0525-010 | 1,0 m | 3/4" - 19X26 mm | 105 bar | F3/4"G - F3/4"G |
| 906-0525-015 | 1,5 m | 3/4" - 19X26 mm | 105 bar | F3/4"G - F3/4"G |
| 906-0525-020 | 2,0 m | 3/4" - 19X26 mm | 105 bar | F3/4"G - F3/4"G |
| 906-0626-006 | 0,6 m | 1" - 25,4X33,4 mm | 88 bar | F1"G - F1"G |
| 906-0636-008 | 0,8 m | 1" - 25,4X33,4 mm | 88 bar | F90°1"G - F1"G |
| 906-0626-010 | 1,0 m | 1" - 25,4X33,4 mm | 88 bar | F1"G - F1"G |
| 906-0626-015 | 1,5 m | 1" - 25,4X33,4 mm | 88 bar | F1"G - F1"G |
| 906-0626-020 | 2,0 m | 1" - 25,4X33,4 mm | 88 bar | F1"G - F1"G |



**GREASE from 275 to 400 bar**
- Black synthetic rubber hoses 2SC
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| 907-0122-006 | 0,6 m | 1/4" - 6,4X13,3 mm | 400 bar | F1/4"G - F1/4"G |
| 907-0132-008 | 0,8 m | 1/4" - 6,4X13,3 mm | 400 bar | F90°1/4"G - F1/4"G |
| 907-0122-015 | 1,5 m | 1/4" - 6,4X13,3 mm | 400 bar | F1/4"G - F1/4"G |
| 907-0102-015 | 1,5 m | 1/4" - 6,4X13,3 mm | 400 bar | M1/4"G - F1/4"G |
| 907-0122-020 | 2,0 m | 1/4" - 6,4X13,3 mm | 400 bar | F1/4"G - F1/4"G |
| 907-0323-006 | 0,6 m | 3/8" - 9,5X17 mm | 330 bar | F3/8"G - F3/8"G |
| 907-0333-008 | 0,8 m | 3/8" - 9,5X17 mm | 330 bar | F90°3/8"G - F3/8"G |
| 907-0323-015 | 1,5 m | 3/8" - 9,5X17 mm | 330 bar | F3/8"G - F3/8"G |
| 907-0323-020 | 2,0 m | 3/8" - 9,5X17 mm | 330 bar | F3/8"G - F3/8"G |
| 907-0424-006 | 0,6 m | 1/2" - 12,8X20,4 mm | 275 bar | F1/2"G - F1/2"G |
| 907-0434-008 | 0,8 m | 1/2" - 12,8X20,4 mm | 275 bar | F90°1/2"G - F1/2"G |
| 907-0424-015 | 1,5 m | 1/2" - 12,8X20,4 mm | 275 bar | F1/2"G - F1/2"G |
| 907-0424-020 | 2,0 m | 1/2" - 12,8X20,4 mm | 275 bar | F1/2"G - F1/2"G |



# CONNECTION HOSES FOR HOSE REELS
# TECHNICAL DATA



**GREASE from 165 to 215 bar**
- **Black synthetic rubber hoses 2SC**
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **907-0525-006** | **0,6 m** | **3/4" - 19X27,5 mm** | 215 bar | F3/4"G - F3/4"G |
| **907-0535-008** | **0,8 m** | **3/4" - 19X27,5 mm** | 215 bar | F90°3/4"G - F3/4"G |
| **907-0525-015** | **1,5 m** | **3/4" - 19X27,5 mm** | 215 bar | F3/4"G - F3/4"G |
| **907-0626-006** | **0,6 m** | **1" - 25,4X35,3 mm** | 165 bar | F1"G - F1"G |
| **907-0636-008** | **0,8 m** | **1" - 25,4X35,3 mm** | 165 bar | F90°1"G - F1"G |
| **907-0626-015** | **1,5 m** | **1" - 25,4X35,3 mm** | 165 bar | F1"G - F1"G |



**DIESEL 10 bar**
- **Black antistatic syntetic rubber hoses**
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **908-0516-020** | **2,0 m** | **3/4" - 19X27 mm** | 10 bar | M1"G - M1"G |
| **908-0616-020** | **2,0 m** | **1" - 25X35 mm** | 10 bar | M1"G - M1"G |



**GASOLINE 16 bar**
- **Black antistatic synthetic rubber hoses steel wire helix with high strength syntetic textile plies, copper wire**
- Reference regulations: **EN 1761 - EN 12115 ATEX (EX ZONE)**
- Self-extinguishing according to: **TRbf 131/2**
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **918-0526-006** | **0,6 m** | **3/4" - 19X27 mm** | 16 bar | F1"G - F1"G |
| **918-0526-015** | **1,5 m** | **3/4" - 19X27 mm** | 16 bar | F1"G - F1"G |
| **918-0626-006** | **0,6 m** | **1" - 25X35 mm** | 16 bar | F1"G - F1"G |
| **918-0626-015** | **1,5 m** | **1" - 25X35 mm** | 16 bar | F1"G - F1"G |



**ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar**
- **Black antistatic synthetic rubber EPDM hoses**
- AISI 316 stainless steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **909-0424-006** | **0,6 m** | **1/2" - 12,8X22 mm** | 20 bar | F1/2"G - F1/2"G |
| **909-0424-010** | **1,0 m** | **1/2" - 12,8X22 mm** | 20 bar | F1/2"G - F1/2"G |
| **909-0424-015** | **1,5 m** | **1/2" - 12,8X22 mm** | 20 bar | F1/2"G - F1/2"G |
| **909-0424-020** | **2,0 m** | **1/2" - 12,8X22 mm** | 20 bar | F1/2"G - F1/2"G |
| **909-0525-006** | **0,6 m** | **3/4" - 19X29 mm** | 20 bar | F3/4"G - F3/4"G |
| **909-0525-010** | **1,0 m** | **3/4" - 19X29 mm** | 20 bar | F3/4"G - F3/4"G |
| **909-0525-015** | **1,5 m** | **3/4" - 19X29 mm** | 20 bar | F3/4"G - F3/4"G |



**FOOD 120°C 15 bar**
- **White EPDM rubber tubes with blue cover**
- Regulations: **DM 21/3/73 e 18/6/79 + FOOD QUALITY F.D.A.**
- AISI 316 stainless steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **913-0424-006** | **0,6 m** | **1/2" - 12,8X22 mm** | 15 bar | F1/2"G - F1/2"G |
| **913-0424-015** | **1,5 m** | **1/2" - 12,8X22 mm** | 15 bar | F1/2"G - F1/2"G |
| **913-0525-006** | **0,6 m** | **3/4" - 19X29 mm** | 15 bar | F3/4"G - F3/4"G |
| **913-0525-015** | **1,5 m** | **3/4" - 19X29 mm** | 15 bar | F3/4"G - F3/4"G |

# HOSES FOR HOSE REELS - TECHNICAL DATA

**AIR-WATER 20 bar**

- **Blue polyurethane ether-baset hoses**
- Connection nickel-plated brass - galvanized steel

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **901-0102-120** | **12 m** | **1/4" - 6X10 mm** | 20 bar | F1/4"G - M1/4"G |
| **901-0202-090** | 9 m | 5/16" - 8X12 mm | 20 bar | F1/4"G – M1/4"G |
| **901-0212-110** | 11 m | 5/16" - 8X12 mm | 20 bar | M3/8"G – M1/4"G gir. |
| **901-0202-120** | 12 m | 5/16" - 8X12 mm | 20 bar | F3/8"G – M1/4"G gir. |
| **901-0202-150** | 15 m | 5/16" - 8X12 mm | 20 bar | F1/4"G – M1/4"G |
| **901-0202-200** | 20 m | 5/16" - 8X12 mm | 20 bar | F3/8"G – M1/4"G gir. |
| **901-0303-100** | 10 m | 3/8" - 10X14 mm | 20 bar | F3/8"G – M3/8"G |
| **901-0303-150** | 15 m | 3/8" - 10X14 mm | 20 bar | F3/8"G – M3/8"G |
| **901-0303-200** | 20 m | 3/8" - 10X14 mm | 20 bar | F3/8"G – M3/8"G |
| **901-0404-100** | 10 m | 1/2" - 13X19 mm | 20 bar | F1/2"G – M1/2"G |
| **901-0404-150** | 15 m | 1/2" - 13X19 mm | 20 bar | F1/2"G – M1/2"G |
| **901-0404-180** | 18 m | 1/2" - 13X19 mm | 20 bar | F1/2"G – M1/2"G |
| **901-0404-200** | 20 m | 1/2" - 13X19 mm | 20 bar | F1/2"G – M1/2"G |
| **901-0404-250** | 25 m | 1/2" - 13X19 mm | 20 bar | F1/2"G – M1/2"G |



**AIR-WATER from 20 to 28 bar**

- **Synthetic black rubber hoses R6**
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **902-0203-120** | 12 m | 5/16" - 7,9X14,3 mm | 28 bar | F3/8"G – M1/4"G |
| **902-0203-180** | 18 m | 5/16" - 7,9X14,3 mm | 28 bar | F3/8"G – M1/4"G |
| **902-0303-100** | 10 m | 3/8"- 9,5X16 mm | 28 bar | F3/8"G – M3/8"G |
| **902-0303-150** | 15 m | 3/8"- 9,5X16 mm | 28 bar | F3/8"G – M3/8"G |
| **902-0303-180** | 18 m | 3/8"- 9,5X16 mm | 28 bar | F3/8"G – M3/8"G |
| **902-0303-200** | 20 m | 3/8"- 9,5X16 mm | 28 bar | F3/8"G – M3/8"G |
| **902-0404-100** | 10 m | 1/2" - 12,7X19 mm | 28 bar | F1/2"G – M1/2"G |
| **902-0404-150** | 15 m | 1/2" - 12,7X19 mm | 28 bar | F1/2"G – M1/2"G |
| **902-0404-180** | 18 m | 1/2" - 12,7X19 mm | 28 bar | F1/2"G – M1/2"G |
| **902-0404-200** | 20 m | 1/2" - 12,7X19 mm | 28 bar | F1/2"G – M1/2"G |
| **902-0404-250** | 25 m | 1/2" - 12,7X19 mm | 28 bar | F1/2"G – M1/2"G |
| **902-0404-300** | 30 m | 1/2" - 12,7X19 mm | 28 bar | F1/2"G – M1/2"G |
| **902-0404-400** | 40 m | 1/2" - 12,7X19 mm | 28 bar | F1/2"G – M1/2"G |
| **902-0404-500** | 50 m | 1/2" - 12,7X19 mm | 28 bar | F1/2"G – M1/2"G |
| **902-0505-150** | 15 m | 3/4"- 19X25,8 mm | 21 bar | F3/4"G – M3/4"G |
| **902-0505-200** | 20 m | 3/4"- 19X25,8 mm | 21 bar | F3/4"G – M3/4"G |
| **902-0505-300** | 30 m | 3/4"- 19X25,8 mm | 21 bar | F3/4"G – M3/4"G |
| **902-0505-400** | 40 m | 3/4"- 19X25,8 mm | 21 bar | F3/4"G – M3/4"G |
| **902-0606-150** | 15 m | 1"- 25,4X33,2 mm | 20 bar | F1"G – M1"G |
| **902-0606-200** | 20 m | 1"- 25,4X33,2 mm | 20 bar | F1"G – M1"G |
| **902-0606-300** | 30 m | 1"- 25,4X33,2 mm | 20 bar | F1"G – M1"G |
| **902-0708-150** | 15 m | 1.1/4"- 32X44 mm | 20 bar | F1.1/2"G – M1.1/2"G |
| **902-0708-200** | 20 m | 1.1/4"- 38X50 mm | 20 bar | F1.1/2"G – M1.1/2"G |
| **902-0708-300** | 30 m | 1.1/4"- 38X50 mm | 20 bar | F1.1/2"G – M1.1/2"G |



# HOSES FOR HOSE REELS - TECHNICAL DATA



**AIR-WATER from 20 to 28 bar**

- **Synthetic black rubber hoses R6**
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **902-0808-150** | 15 m | 1.1/2”- 38X50 mm | 20 bar | F1.1/2”G – M1.1/2”G |
| **902-0808-200** | 20 m | 1.1/2”- 38X50 mm | 20 bar | F1.1/2”G – M1.1/2”G |
| **902-0808-300** | 30 m | 1.1/2”- 38X50 mm | 20 bar | F1.1/2”G – M1.1/2”G |
| **902-0909-150** | 15 m | 2"- 51X66 mm | 20 bar | F2”G – M2”G |
| **902-0909-200** | 20 m | 2"- 51X66 mm | 20 bar | F2”G – M2”G |
| **902-0909-300** | 30 m | 2"- 51X66 mm | 20 bar | F2”G – M2”G |

**WATER 150°C 200 bar**

- **Blue no trace synthetic rubber hoses 1SC**
- Galvanized steel connections
- Rubber blue handle



| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **904-0223-100** | 10 m | 5/16”- 7,9X13,5 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0223-150** | 15 m | 5/16”- 7,9X13,5 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0223-200** | 20 m | 5/16”- 7,9X13,5 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0323-100** | 10 m | 3/8”- 9,5X15,6 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0323-150** | 15 m | 3/8”- 9,5X15,6 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0323-180** | 18 m | 3/8”- 9,5X15,6 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0323-200** | 20 m | 3/8”- 9,5X15,6 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0323-250** | 25 m | 3/8”- 9,5X15,6 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0323-300** | 30 m | 3/8”- 9,5X15,6 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0323-400** | 40 m | 3/8”- 9,5X15,6 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0323-500** | 50 m | 3/8”- 9,5X15,6 mm | 200 bar | F3/8”G – F3/8”G |
| **904-0424-100** | 10 m | 1/2”- 12,8X19,1 mm | 200 bar | F1/2”G – F1/2”G |
| **904-0424-150** | 15 m | 1/2”- 12,8X19,1 mm | 200 bar | F1/2”G – F1/2”G |
| **904-0424-200** | 20 m | 1/2”- 12,8X19,1 mm | 200 bar | F1/2”G – F1/2”G |
| **904-0424-250** | 25 m | 1/2”- 12,8X19,1 mm | 200 bar | F1/2”G – F1/2”G |
| **904-0424-300** | 30 m | 1/2”- 12,8X19,1 mm | 200 bar | F1/2”G – F1/2”G |
| **904-0424-400** | 40 m | 1/2”- 12,8X19,1 mm | 200 bar | F1/2”G – F1/2”G |

**WATER 150°C 400 bar**

- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- Rubber blue handle



| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **905-0223-100** | 10 m | 5/16”- 7,9X15 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0223-150** | 15 m | 5/16”- 7,9X15 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0223-200** | 20 m | 5/16”- 7,9X15 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0323-100** | 10 m | 3/8”- 9,5X17 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0323-150** | 15 m | 3/8”- 9,5X17 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0323-180** | 18 m | 3/8”- 9,5X17 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0323-200** | 20 m | 3/8”- 9,5X17 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0323-250** | 25 m | 3/8”- 9,5X17 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0323-300** | 30 m | 3/8”- 9,5X17 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0323-400** | 40 m | 3/8”- 9,5X17 mm | 400 bar | F3/8”G – F3/8”G |
| **905-0323-500** | 50 m | 3/8”- 9,5X17 mm | 400 bar | F3/8”G – F3/8”G |

# HOSES FOR HOSE REELS - TECHNICAL DATA

**WATER 150°C 400 bar**
- **Blue no trace synthetic rubber hoses 2SC**
- Galvanized steel connections
- Rubber blue handle



| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **905-0424-100** | 10 m | 1/2"- 12,8X20,4 mm | 400 bar | F1/2"G – F1/2"G |
| **905-0424-150** | 15 m | 1/2"- 12,8X20,4 mm | 400 bar | F1/2"G – F1/2"G |
| **905-0424-200** | 20 m | 1/2"- 12,8X20,4 mm | 400 bar | F1/2"G – F1/2"G |
| **905-0424-250** | 25 m | 1/2"- 12,8X20,4 mm | 400 bar | F1/2"G – F1/2"G |
| **905-0424-300** | 30 m | 1/2"- 12,8X20,4 mm | 400 bar | F1/2"G – F1/2"G |
| **905-0424-400** | 40 m | 1/2"- 12,8X20,4 mm | 400 bar | F1/2"G – F1/2"G |

**OIL AND SIMILAR from 40 to 180 bar**
- **Black synthetic rubber hoses 1SC**
- Galvanized steel connections



| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **906-0304-100** | 10 m | 3/8"- 9,5X15,6 mm | 180 bar | F1/2"G – M1/2"G |
| **906-0304-150** | 15 m | 3/8"- 9,5X15,6 mm | 180 bar | F1/2"G – M1/2"G |
| **906-0304-180** | 18 m | 3/8"- 9,5X15,6 mm | 180 bar | F1/2"G – M1/2"G |
| **906-0404-100** | 10 m | 1/2"- 12,8X19,1 mm | 160 bar | F1/2"G – M1/2"G |
| **906-0404-150** | 15 m | 1/2"- 12,8X19,1 mm | 160 bar | F1/2"G – M1/2"G |
| **906-0404-180** | 18 m | 1/2"- 12,8X19,1 mm | 160 bar | F1/2"G – M1/2"G |
| **906-0404-200** | 20 m | 1/2"- 12,8X19,1 mm | 160 bar | F1/2"G – M1/2"G |
| **906-0404-250** | 25 m | 1/2"- 12,8X19,1 mm | 160 bar | F1/2"G – M1/2"G |
| **906-0404-300** | 30 m | 1/2"- 12,8X19,1 mm | 160 bar | F1/2"G – M1/2"G |
| **906-0404-400** | 40 m | 1/2"- 12,8X19,1 mm | 160 bar | F1/2"G – M1/2"G |
| **906-0404-500** | 50 m | 1/2"- 12,8X19,1 mm | 160 bar | F1/2"G – M1/2"G |
| **906-0505-150** | 15 m | 3/4"- 19X26 mm | 105 bar | F3/4"G – M3/4"G |
| **906-0505-200** | 20 m | 3/4"- 19X26 mm | 105 bar | F3/4"G – M3/4"G |
| **906-0505-250** | 25 m | 3/4"- 19X26 mm | 105 bar | F3/4"G – M3/4"G |
| **906-0505-300** | 30 m | 3/4"- 19X26 mm | 105 bar | F3/4"G – M3/4"G |
| **906-0505-400** | 40 m | 3/4"- 19X26 mm | 105 bar | F3/4"G – M3/4"G |
| **906-0606-150** | 15 m | 1"- 25,4X33,4 mm | 88 bar | F1"G – M1"G |
| **906-0606-200** | 20 m | 1"- 25,4X33,4 mm | 88 bar | F1"G – M1"G |
| **906-0606-300** | 30 m | 1"- 25,4X33,4 mm | 88 bar | F1"G – M1"G |
| **906-0708-150** | 15 m | 1.1/4"- 31,8X41 mm | 63 bar | F1.1/2"G – M1.1/2"G |
| **906-0708-200** | 20 m | 1.1/4"- 31,8X41 mm | 63 bar | F1.1/2"G – M1.1/2"G |
| **906-0708-300** | 30 m | 1.1/4"- 31,8X41 mm | 63 bar | F1.1/2"G – M1.1/2"G |
| **906-0808-150** | 15 m | 1.1/2"- 38X47,5 mm | 50 bar | F1.1/2"G – M1.1/2"G |
| **906-0808-200** | 20 m | 1.1/2"- 38X47,5 mm | 50 bar | F1.1/2"G – M1.1/2"G |
| **906-0808-300** | 30 m | 1.1/2"- 38X47,5 mm | 50 bar | F1.1/2"G – M1.1/2"G |
| **906-0909-150** | 15 m | 2"- 50,8X60,5 mm | 40 bar | F2"G – M2"G |
| **906-0909-200** | 20 m | 2"- 50,8X60,5 mm | 40 bar | F2"G – M2"G |
| **906-0909-300** | 30 m | 2"- 50,8X60,5 mm | 40 bar | F2"G – M2"G |

**GREASE from 165 to 400 bar**
- **Black synthetic rubber hoses 2SC**
- Galvanized steel connections



| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **907-0102-100** | 10 m | 1/4"- 6,4X13,3 mm | 400 bar | M1/4"G – M1/4"G |
| **907-0102-150** | 15 m | 1/4"- 6,4X13,3 mm | 400 bar | M1/4"G – M1/4"G |
| **907-0102-180** | 18 m | 1/4"- 6,4X13,3 mm | 400 bar | M1/4"G – M1/4"G |
| **907-0303-100** | 10 m | 3/8"- 9,5X17 mm | 330 bar | M3/8"G – M3/8"G |
| **907-0303-150** | 15 m | 3/8"- 9,5X17 mm | 330 bar | M3/8"G – M3/8"G |
| **907-0303-200** | 20 m | 3/8"- 9,5X17 mm | 330 bar | M3/8"G – M3/8"G |
| **907-0303-250** | 25 m | 3/8"- 9,5X17 mm | 330 bar | M3/8"G – M3/8"G |
| **907-0303-300** | 30 m | 3/8"- 9,5X17 mm | 330 bar | M3/8"G – M3/8"G |
| **907-0404-100** | 10 m | 1/2"- 12,8X20,4 mm | 275 bar | M1/2"G – M1/2"G |
| **907-0404-150** | 15 m | 1/2"- 12,8X20,4 mm | 275 bar | M1/2"G – M1/2"G |
| **907-0404-200** | 20 m | 1/2"- 12,8X20,4 mm | 275 bar | M1/2"G – M1/2"G |
| **907-0404-250** | 25 m | 1/2"- 12,8X20,4 mm | 275 bar | M1/2"G – M1/2"G |
| **907-0404-300** | 30 m | 1/2"- 12,8X20,4 mm | 275 bar | M1/2"G – M1/2"G |
| **907-0505-150** | 15 m | 3/4"- 19X27,5 mm | 215 bar | M3/4"G – F3/4"G |
| **907-0505-200** | 20 m | 3/4"- 19X27,5 mm | 215 bar | M3/4"G – F3/4"G |
| **907-0505-300** | 30 m | 3/4"- 19X27,5 mm | 215 bar | M3/4"G – F3/4"G |
| **907-0606-150** | 15 m | 1"- 25,4X35,3 mm | 165 bar | M1"G – F1"G |
| **907-0606-200** | 20 m | 1"- 25,4X35,3 mm | 165 bar | M1"G – F1"G |
| **907-0606-300** | 30 m | 1"- 25,4X35,3 mm | 165 bar | M1"G – F1"G |

**ANTIFREEZE - WINDSCREEN - AdBlue® 20 bar**
- **Black antistatic synthetic rubber EPDM hoses**
- AISI 316 stainless steel connections



| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **909-0404-100** | 10 m | 1/2"- 12,8X22 | 20 bar | F1/2"G – M1/2"G |
| **909-0404-150** | 15 m | 1/2"- 12,8X22 | 20 bar | F1/2"G – M1/2"G |
| **909-0404-200** | 20 m | 1/2"- 12,8X22 | 20 bar | F1/2"G – M1/2"G |
| **909-0404-250** | 25 m | 1/2"- 12,8X22 | 20 bar | F1/2"G – M1/2"G |
| **909-0505-100** | 10 m | 3/4"-19X29 | 20 bar | F3/4"G – M3/4"G |
| **909-0505-150** | 15 m | 3/4"-19X29 | 20 bar | F3/4"G – M3/4"G |
| **909-0505-200** | 20 m | 3/4"-19X29 | 20 bar | F3/4"G – M3/4"G |

# HOSES FOR HOSE REELS - TECHNICAL DATA

**DIESEL 10 bar**

- **Black antistatic syntetic rubber hoses**
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **908-0506-080** | 8 m | 3/4"- 19X27 mm | 10 bar | F3/4"G – M1"G |
| **908-0506-100** | 10 m | 3/4"- 19X27 mm | 10 bar | F1"G – M1"G |
| **908-0506-150** | 15 m | 3/4"- 19X27 mm | 10 bar | F1"G – M1"G |
| **908-0506-200** | 20 m | 3/4"- 19X27 mm | 10 bar | F1"G – M1"G |
| **908-0506-300** | 30 m | 3/4"- 19X27 mm | 10 bar | F1"G – M1"G |
| **908-0506-400** | 40 m | 3/4"- 19X27 mm | 10 bar | F1"G – M1"G |
| **908-0606-100** | 10 m | 1"- 25X35 | 10 bar | F1"G – M1"G |
| **908-0606-150** | 15 m | 1"- 25X35 | 10 bar | F1"G – M1"G |
| **908-0606-200** | 20 m | 1"- 25X35 | 10 bar | F1"G – M1"G |
| **908-0606-300** | 30 m | 1"- 25X35 | 10 bar | F1"G – M1"G |
| **908-0808-150** | 15 m | 1.1/2"- 38X49 | 10 bar | F1.1/2"G – M1.1/2"G |



**GASOLINE 16 bar**

- **Black antistatic synthetic rubber hoses steel wire helix with high strength syntetic textile plies, copper wire**
- Reference regulations: **EN 1761 - EN 12115 ATEX (EX ZONE)**
- Self-extinguishing according to: **TRbf 131/2**
- Galvanized steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **918-0506-100** | 10 m | 3/4" - 19X31 mm | 16 bar | F1"G - M1"G |
| **918-0506-150** | 15 m | 3/4" - 19X31 mm | 16 bar | F1"G - M1"G |
| **918-0506-200** | 20 m | 3/4" - 19X31 mm | 16 bar | F1"G - M1"G |
| **918-0506-300** | 30 m | 3/4" - 19X31 mm | 16 bar | F1"G - M1"G |
| **918-0606-100** | 10 m | 1" - 25X37 mm | 16 bar | F1"G - M1"G |
| **918-0606-150** | 15 m | 1" - 25X37 mm | 16 bar | F1"G - M1"G |
| **918-0606-200** | 20 m | 1" - 25X37 mm | 16 bar | F1"G - M1"G |
| **918-0606-300** | 30 m | 1" - 25X37 mm | 16 bar | F1"G - M1"G |



**FOOD 120°C 15 bar**

- **White EPDM rubber hoses with blue cover**
- Regulations: **DM 21/3/73 e 18/6/79 + FOOD QUALITY F.D.A.**
- AISI 316 stainless steel connections

| Article | L.hose | Ø Hose-dimension | Max pressure | Inlet - Outlet |
|---|---|---|---|---|
| **913-0404-100** | 10 m | 1/2" - 12,8X22 mm | 15 bar | F1/2"G - M1/2"G |
| **913-0404-150** | 15 m | 1/2" - 12,8X22 mm | 15 bar | F1/2"G - M1/2"G |
| **913-0404-200** | 20 m | 1/2" - 12,8X22 mm | 15 bar | F1/2"G - M1/2"G |
| **913-0404-250** | 25 m | 1/2" - 12,8X22 mm | 15 bar | F1/2"G - M1/2"G |
| **913-0404-300** | 30 m | 1/2" - 12,8X22 mm | 15 bar | F1/2"G - M1/2"G |
| **913-0505-150** | 15 m | 3/4" - 19X29 mm | 15 bar | F1"G - M3/4"G |
| **913-0505-200** | 20 m | 3/4" - 19X29 mm | 15 bar | F1"G - M3/4"G |






**Safety in explosive environments**

As of 1st July 2003, the ATEX directive came into force throughout the EEC. This directive became an obligatory requirement for all electrical and mechanical equipment intended for use in dangerous areas. Potentially explosive atmospheres exist where there is a risk of explosion due to mixtures of gas and air, steam and air, dust and air or other flammable combinations typical of petrol vapours. If the electrical or mechanical material must be used in areas where there is an explosive atmosphere, it must be designed and built so as not to create/ to eliminate sources of ignition such as sparks, hot surfaces or static electricity and all sources of combustion able to ignite these mixtures. Risk areas for environments where gas and flammable vapours are present can range from AREA 0 (constant risk of explosion) to AREA 1 (risk of explosion probable) and AREA 2 (low risk and any risk of explosion persists for a short time only).

**Atex codification key of Meclube products – "GAS" type of atmosphere**

| CE | Ex | II | 2 | G | Ex | h | IIB | T4 ≤ T 135°C | Gb | X |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

1= CE marking

2= Ex marking (specific explosion protection marking)

3= Group of belonging of the equipment: II = other places, not the mine (gas and dust)

4= High level of protection, presence of possible explosive atmosphere – usable in ZONE 1

5= Type of atmosphere – Gas – usable in ZONE 1

6= Marking for CE regulations (regulation of EN 60079 – DIN EN ISO 80079)

7= General marking, mechanical equipment, not electric

8= Typical ethylene gas

9= Temperature range (Gas), maximum superficial temperature ≤ 135°C

10= Protection level of the equipment usable in "Group II" – high protection level.

11= Make reference to the instruction manual for important additional notes – range of ambient temperature.

**Atex codification key of Meclube products – "Dust" type of atmosphere**

| CE | Ex | II | 2 | D | Ex | h | III C | T4 ≤ T 135°C | Db |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

1= CE marking

2= Ex marking (specific explosion protection marking)

3= Group of belonging of the equipment: II = other places, not the mine (gas and dust)

4= High level of protection, presence of possible explosive atmosphere – usable in ZONE 21

5= Type of atmosphere –Dust – usable in ZONE 21

6= Marking for CE regulations (regulation of EN 60079 – DIN EN ISO 80079)

7= General marking, mechanical equipment, not electric

8= Flammable particles, conductive and non-conductive dust

9= Temperature range (Gas), maximum superficial temperature ≤ 135°C

10= Protection level of the equipment usable in "Group III"– high protection level.

# GENERAL SALES CONDITIONS

When ordering please use the part numbers indicated in the catalogue.

Claims will not be accepted if we receive them 8 (eight) days after the reception of the order.
After this period the goods will be considered tacitly accepted.

The goods travel at customer’s risk, even if Meclube organizes DAP shipment.

Except previously agreed, all prices are to be intended EX WORKS Bondeno di Gonzaga (MN), Incoterms 2020.

In case of late payments for any reason, including missed reception of statements of account, the buyer has to pay to the seller the annual interest in force at the moment of the sale, in the amount indicated on the invoice.

Any change of faulty products can be made to MECLUBE according to DAP Incoterms, and after having received our authorization.

The company MECLUBE takes no responsibilities for missing goods or damaged parcels caused by the shipment.

For any controversy only the Court of Mantua will entertain jurisdiction.

Specifications, dimensions, features and colours reported in this catalogue are not binding, and due to continuous performance enhancements of equipment and accessories, can be modified without any notice.

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BIBUS SK, s.r.o
Trnavská 31, SK-94 901 Nitra

Tel.: 037/ 7777 911
Fax.: 037/ 7777 999

Email: sale@bibus.sk
http://www.bibus.sk

**MECLUBE srl**
Strada Pavesa, 13 - Loc. Bondeno
46023- Gonzaga (MN) - ITALIA
Tel. +39 0376 595006 - +39 0376 595035
Fax +39 0376 54144
info@meclube.com

**www.meclube.com**

F.lli Zambroni Reggiolo - Luzzara