



*Made In Italy*

*Lubrication equipment*

# PRODUCTS CATALOGUE



**GREASE DISTRIBUTION**

**page 2**



**OIL DISTRIBUTION**

**page 38**



**EXHAUSTED OIL ASPIRATORS**

**page 112**



**TROLLEYS  
FOR DRUMS TRANSPORT**

**page 118**



**OIL DRAIN UNITS**

**page 134**



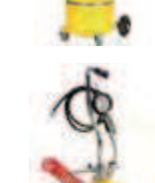
**PRESSURE SPRAYERS**

**page 142**



**WASHING COLLECTOR**

**page 149**



**TYRE INFLATORS**

**page 154**



**AUTOMATIC HOSE REELS**

**page 162**



**BRAKE BLEEDERS**

**page 222**

## **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 after-sale assistance) and the quality: it is already operating with the necessary quality standards to achieve the ISO 9001:2008 certification. MECLUBE is a constantly developing company: new products are in project to improve and facilitate the work in the lubricant distribution.



## **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 become complete with a speedy and qualified assistance service.



## 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 assembly machinery. For us of MECLUBE our customers represent the most important capital of the company. This general catalogue is made to illustrate our activity, our structures and confirm that we are real manufacturers.



# GREASE DISTRIBUTION





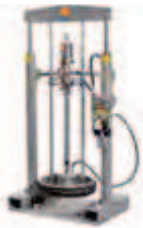
AIR-OPERATED GREASE PUMPS

pg. 003



AIR-OPERATED INDUSTRIAL GREASE PUMPS

pg. 008



FRAME LIFTER-PRESS FOR GREASE

pg. 013



AIR-OPERATED GREASE PUMPS SETS

pg. 015



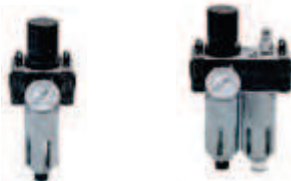
ACCESSORIES FOR AIR-OPERATED GREASE PUMPS

pg. 023



NOZZLES FOR GREASE PUMPS

pg. 025



PRESSURE REGULATORS

pg. 028



MANUAL GREASE PUMPS

pg. 029



ACCESSORIES FOR MANUAL GREASE PUMPS

pg. 032



MANUAL GREASE PUMPS FOR GREASE TRANSFER

pg. 033

The new air-operated grease pumps **patented**, fully designed and manufactured by MECLUBE, shows remarkable operating features. It is fully machined 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 this pump suitable to work in the worst environmental conditions.

- **Brand new fully air operated motion reverse device, without cams and springs**
- **Reduced number of moving 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**





# AIR-OPERATED GREASE PUMPS Mod. 660

COMPRESSION RATIO = 60:1

DELIVERY = 1600 g/min



## Art. 010-1000-000

Air-operated grease pump ratio=60:1 Mod. 660

For standard drums 12-16 kg

(shank length 410 mm)

Polyurethane seals

## Art. 010-1005-000

Air-operated grease pump ratio=60:1 Mod. 660

For standard drums 18-30 kg

(shank length 480 mm)

Polyurethane seals

## Art. 010-1010-000

Air-operated grease pump ratio=60:1 Mod. 660

For standard drums 50-60 kg

(shank length 750 mm)

Polyurethane seals

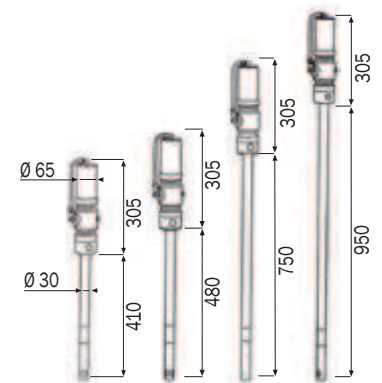
## Art. 010-1015-000

Air-operated grease pump ratio=60:1 Mod. 660

For standard barrels 180-220 kg

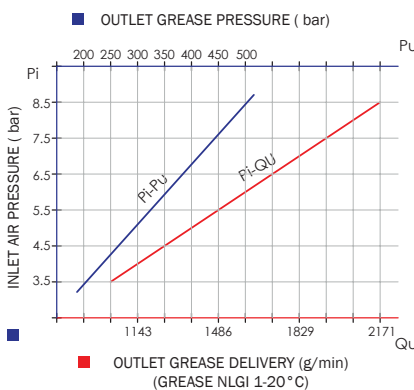
(shank length 950 mm)

Polyurethane seals



010-1000-000	4,980	0,010	1
010-1005-000	5,240	0,010	1
010-1010-000	6,300	0,013	1
010-1015-000	7,100	0,016	1

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 feeding	bar	8	8	8	8
Air consumption medium	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 6 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



Those are suitable for the supply at high pressure of all kinds of grease at short and long distance.

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 ratio=70:1 Mod. 670

For standard drums 12-16 kg

(shank length 410 mm)

Polyurethane seals

## Art. 010-1020-000

Air-operated grease pump ratio=70:1 Mod. 670

For standard drums 18-30 kg

(shank length 480 mm)

Polyurethane seals

## Art. 010-1025-000

Air-operated grease pump ratio=70:1 Mod. 670

For standard drums 50-60 kg

(shank length 750 mm)

Polyurethane seals

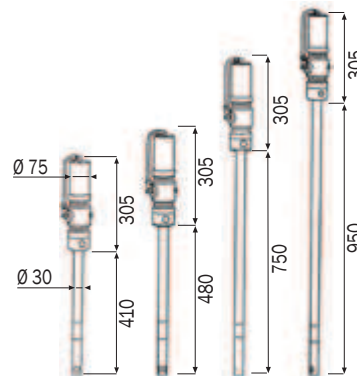
## Art. 010-1030-000

Air-operated grease pump ratio=70:1 Mod. 670

For standard barrels 180-220 kg

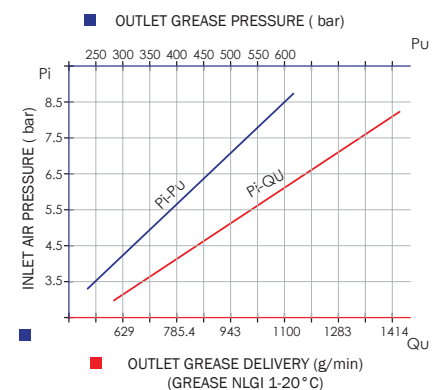
(shank length 950 mm)

Polyurethane seals



Art. No.	Weight (Kg)	Volume (m³)	Flow (L/min)
010-1018-000	5,160	0,010	1
010-1020-000	5,460	0,010	1
010-1025-000	6,370	0,013	1
010-1030-000	7,100	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 feeding	bar	8	8	8	8
Air consumption medium	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 6 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



Those are suitable for central supply of plants where a major quantity of grease and a major pressure at long and short distance are required. 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 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 ratio=100:1 Mod. 700

For standard drums 18-30 kg

(shank length 480 mm)

Polyurethane seals

## Art. 010-1034-000

Air-operated grease pump ratio=100:1 Mod. 700

For standard drums 50-60 kg

(shank length 750 mm)

Polyurethane seals

## Art. 010-1035-000

Air-operated grease pump ratio=100:1 Mod. 700

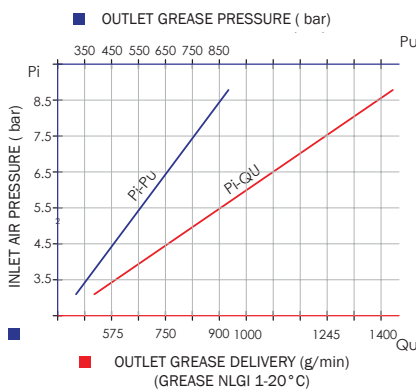
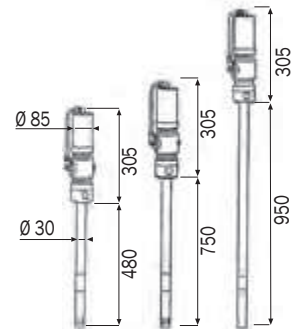
For standard barrels 180-220 kg

(shank length 950 mm)

Polyurethane seals



010-1032-000	5,710	0,010	1
010-1034-000	6,670	0,013	1
010-1035-000	7,590	0,016	1



Technical data		010-1032-000	010-1034-000	010-1035-000
Compression ratio		100:1	100:1	100:1
Max pressure feeding	bar	8	8	8
Air consumption medium	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 6 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

Those are suitable for central supply of plants where a major pressure at long and short distance is required. 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 pneumatic 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 ratio=14:1 Mod. 614

For standard drums 18-30 kg

(shank length 480 mm)

Polyurethane seals

## Art. 010-1038-000

Air-operated grease pump ratio=14:1 Mod. 614

For standard drums 50-60 kg

(shank length 740 mm)

Polyurethane seals

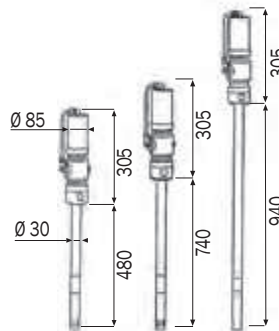
## Art. 010-1040-000

Air-operated grease pump ratio=14:1 Mod. 614

For standard barrels 180-220 kg

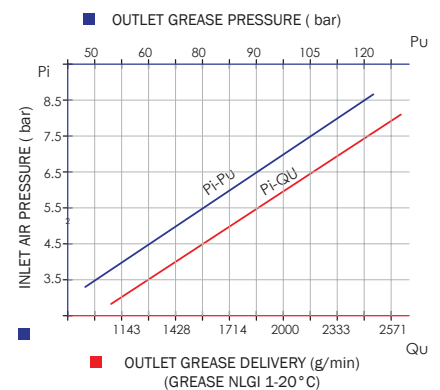
(shank length 940 mm)

Polyurethane seals



Art. No.	Weight (Kg)	Volume (m³)	Flow (L/min)
010-1036-000	5,310	0,010	1
010-1038-000	5,960	0,013	1
010-1040-000	6,610	0,016	1

Technical data		010-1036-000	010-1038-000	010-1040-000
Compression ratio		14:1	14:1	14:1
Max pressure feeding	bar	8	8	8
Air consumption medium	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 6 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



They are suitable for transferring a lot of types of grease, filling of 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 hereby may vary between a minimum of 3.5 bar and a maximum of 8 bar. In order to optimize the efficiency and the life of our pneumatic pumps we recommend to use filtered and lubricated air.

Meclube brand new industrial pumps, **patented**, 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 resulting in reduction of wear and make these pumps suitable to work reliable in the worst environmental conditions.



- **Brand new fully air operated motion reverse device, without cams and springs**
- **Reduced number of moving parts**
- **Big quantity of grease supplied at low air consumption**
- **High operating pressure**
- **Aluminium alloy body pump with electrolytic galvanized treatment that assures very high corrosion resistance**
- **High stressed part are from Fe 420 steel**



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

COMPRESSION RATIO = 50:1

DELIVERY = 4500 g/min



## Art. 011-0950-050

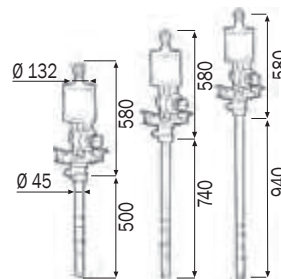
Air operated industrial pump for grease ratio=50:1  
 Mod. 950 flanged double effect  
 For pump frame lifter-press and tanks (shank length 500 mm)  
 Polyurethane seals  
 For high viscosity grease and oils

## Art. 011-0950-074

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

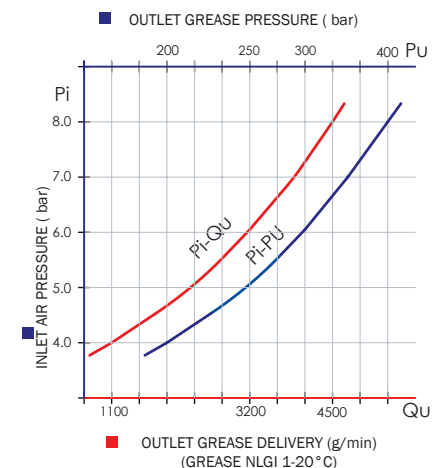
## Art. 011-0950-094

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



Art. No.	Weight (Kg)	Volume (m³)	PU
011-0950-050	18,500	0,045	1
011-0950-074	20,000	0,060	1
011-0950-094	21,000	0,070	1

Technical Data		011-0950-050	011-0950-074	011-0950-094
Compression ratio		50:1	50:1	50:1
Max pressure feeding	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 6 bar	g/min	4500	4500	4500
Noise	dB	80	80	80
Shank diameter	mm	45	45	45
Shank length	mm	500	740	940
For drums with capacity of	kg	PUMP LIFT/PRESS TANK	50-60	180-220



Suitable for high pressure transfer of high viscosity grease and fluids over short and long distances and 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 live in time of our air operated pumps Meclube recommend to use filtered and lubricated air.



# INDUSTRIAL AIR OPERATED PUMPS FOR GREASE AND VISCOUS MEDIAS Mod. 1275 FLANGED

COMPRESSION RATIO = 75:1

DELIVERY = 4500 g/min



## Art. 011-1275-050

Air operated industrial pump for grease ratio=75:1

Mod. 1275 flanged double effect

For pump frame lift/press and tanks (shank length 500 mm)

Polyurethane seals

For high viscosity grease and oils

## Art. 011-1275-074

Air operated industrial pump for grease ratio=75:1

Mod. 1275 flanged double effect

For drums 50-60 kg (shank length 740 mm)

Polyurethane seals

For high viscosity grease and oils

## Art. 011-1275-094

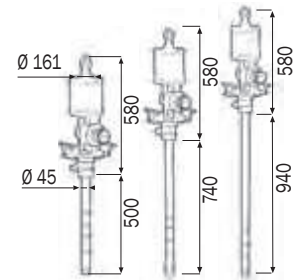
Air operated industrial pump for grease ratio=75:1

Mod. 1275 flanged double effect

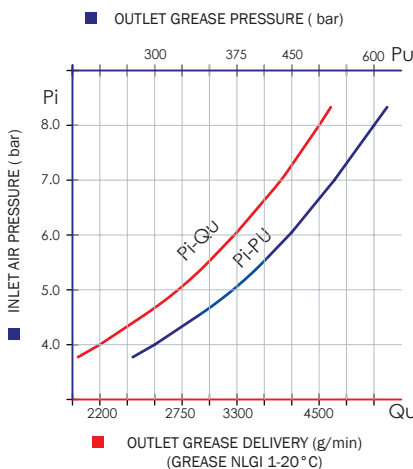
For barrels 180-220 kg (shank length 940 mm)

Polyurethane seals

For high viscosity grease and oils



Art. No.	Max pressure (bar)	Max pressure feeding (bar)	Air consumption (m³/min)
011-1275-050	20,000	0,045	1
011-1275-074	22,000	0,060	1
011-1275-094	23,000	0,070	1



Technical Data	011-1275-050	011-1275-074	011-1275-094
Compression ratio	75:1	75:1	75:1
Max pressure feeding	bar	8	8
Air consumption 8 bar	m³/min	2,90	2,90
Air inlet connection	BSP	F 1/2" G	F 1/2" G
Grease outlet connection	BSP	F 1/2" G	F 1/2" G
Grease delivery capacity 6 bar	g/min	4500	4500
Noise	dB	80	80
Shank diameter	mm	45	45
Shank length	mm	500	740
For drums with capacity of	kg	PUMP LIFT/PRESS TANK	50-60
			180-220

Suitable for high pressure transfer of high viscosity grease and fluids over short and long distances and for central distribution plants with multiple distribution points.

The operating pressure of the pumps can vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the efficiency and the live time of our air operated pumps we recommend to use filtered and lubricated air.

# INDUSTRIAL AIR OPERATED PUMPS FOR GREASE AND VISCOUS MATERIALS Mod. 940 FLANGED

COMPRESSION RATIO = 40:1

DELIVERY = 10000 g/min



## Art. 011-0940-060

Air operated industrial pump for grease ratio=40:1  
Mod. 940 flanged double effect

For pump frame lift/press and tanks (shank length 600 mm)

Polyurethane seals

For high viscosity grease and oils

## Art. 011-0940-074

Air operated industrial pump for grease ratio=40:1  
Mod. 940 flanged double effect

For drums 50-60 kg (shank length 740 mm)

Polyurethane seals

For high viscosity grease and oils

## Art. 011-0940-086

Air operated industrial pump for grease ratio=40:1  
Mod. 940 flanged double effect

For tanks (shank length 860 mm)

Polyurethane seals

For high viscosity grease and oils

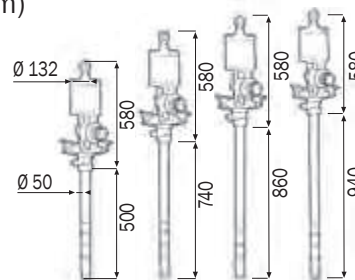
## Art. 011-0940-094

Air operated industrial pump for grease R=40:1  
Mod. 940 flanged double effect

For barrels 180-220 kg (shank length 940 mm)

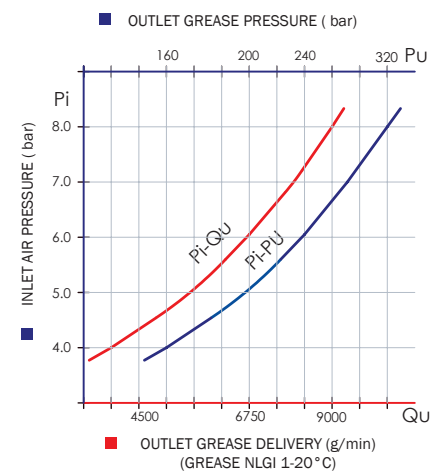
Polyurethane seals

For high viscosity grease and oils



011-0940-060	21,000	0,045	1
011-0940-074	23,000	0,060	1
011-0940-086	24,000	0,070	1
011-0940-094	25,000	0,070	1

Technical data		011-0940-060	011-0940-074	011-0940-086	011-0940-094
Compression ratio		40:1	40:1	40:1	40:1
Max pressure feeding	bar	8	8	8	8
Air consumption 8 bar	m <sup>3</sup> /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 6 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	PUMP LIFT/ PRESS TANK	50-60	CISTERN	180-220



Suitable for high pressure transfer of high viscosity grease and fluids over short and long distances and for central distribution plants with multiple dispensing points.

The operating pressure of the pumps can vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the efficiency and the live time of our air operated pumps we recommend to use filtered and lubricated air.



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

COMPRESSION RATIO R=40:1 DELIVERY = 7000 g/min



## Art. 011-1270-060

Air-operated industrial pump for grease R=40:1  
 Mod. 1270 flanged double effect  
 For frame lift-press and cisterns (shank length 600 mm)  
 Polyurethane seals  
 For high viscosity grease and oil

## Art. 011-1270-074

Air-operated industrial pump for grease R=40:1  
 Mod. 1270 flanged double effect  
 For drums of 50-60 kg (shank length 740 mm)  
 Polyurethane seals  
 For high viscosity grease and oil

## Art. 011-1270-086

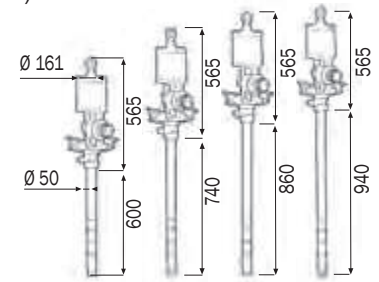
Air-operated industrial pump for grease R=40:1  
 Mod. 1270 flanged double effect  
 For cisterns (shank length 860 mm)  
 Polyurethane seals  
 Per grassi e oli ad alta viscosità

## Art. 011-1270-094

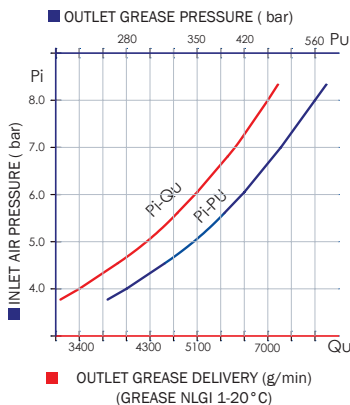
Air-operated industrial pump for grease R=40:1  
 Mod. 1270 flanged double effect  
 For barrels 180-220 kg (shank length 940 mm)  
 Polyurethane seals  
 For high viscosity grease and oil



011-1270-060	23,000	0,045	1
011-1270-074	25,000	0,060	1
011-1270-086	26,000	0,070	1
011-1270-094	27,000	0,070	1



Technical data		011-1270-060	011-1270-074	011-1270-086	011-1270-094
Compression ratio		70:1	70:1	70:1	70:1
Max pressure feeding	bar	8	8	8	8
Air consumption 8 bar	m <sup>3</sup> /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 6 bar	g/min	7000	7000	7000	7000
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	PUMP LIFT/ PRESS TANK	50-60	CISTERN	180-220



Suitable for high pressure transfer of high viscosity grease and fluids over short and long distances and for central distribution plants with multiple dispensing points.

The operating pressure of the pumps can vary between a minimum of 3 bar and a maximum of 8 bar. To optimize the efficiency and the live time of our air operated pumps we recommend to use filtered and lubricated air.



# FRAME LIFTER-PRESS TO FIT PUMPS FOR GREASE AND VISCOUS MEDIAS



## Art. 012-1200-030

Frame lifter-press for barrels 180-220 kg

Equipped with follower plate for grease pumps with shank Ø 30 mm

## Art. 012-1200-045

Frame lifter-press for barrels 180-220 kg

Equipped with follower plate for grease pumps with shank Ø 45 mm

## Art. 012-1200-050

Frame lifter-press for barrels 180-220 kg

Equipped with follower plate for grease pumps with shank Ø 50 mm

## Art. 012-1200-200

Frame lifter-press for barrels 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 barrels	Viscosity
2802 mm	1802 mm	8 bar	4 bar - 450 kg 6 bar - 650 kg 8 bar - 870 kg	180 - 220 kg	200 - 500 ASTM (25 °C)



012-1200-030	210,000	1,860	1
012-1200-045	210,000	1,860	1
012-1200-050	210,000	1,860	1
012-1200-200	210,000	1,860	1

### Air operated two columns pumps lifter and press for grease and viscous medias.

With its particular 3 ways control valve it lifts or pull down the pump and the follower plate, improving the exchanging effort of 180-220kg (400 lbs) barrels.

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.

Aluminium follower plate with rubber double ring Ø 585mm for barrels 180-220 kg

## Art. 012-1250-030

with adaptor flange for Ø 30 mm shank (Art.012-1255-030)

## Art. 012-1250-045

with adaptor flange for Ø 45 mm shank (Art.012-1255-045)

## Art. 012-1250-050

with adaptor flange for Ø 50 mm shank (Art.012-1255-050)

## Art. 012-1250-200

with adaptor flange for F 2" G shank (Art.012-1255-200)



012-1250-030	24,700	0,070	1
012-1250-045	24,700	0,070	1
012-1250-050	24,700	0,070	1
012-1250-200	24,700	0,070	1

Aluminium casted follower plate for grease and viscous medias with rubber double ring Ø 585mm for barrels 180-220 kg suitable for air operated grease pumps.

Equipped with ball valve, breather valve and adaptor.



# COMPLETE KIT PUMP FRAME LIFTER-PRESS FOR GREASE AND VISCOUS MEDIAS



**012-1350-000**

## Art. 012-1340-000

Kit pump frame lifter and press for grease for barrels 180-220 kg  
Delivery 10 kg/min

Composed by:

Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate

Art.011-0940-060 Industrial air operated pump **ratio=40:1**

Art.902-0302-010 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. 012-1350-000

Kit pump frame lifter and press for grease for barrels 180-220 kg  
Delivery 4,5 kg/min

Composed by:

Art.012-1200-045 Pump frame lifter and press 2 columns + follower plate

Art.011-0950-050 Industrial air operated pump **ratio=50:1**

Art.902-0302-010 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. 012-1370-000

Kit pump frame lifter and press for grease for barrels 180-220 kg  
Delivery 7,0 kg/min

Composed by:

Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate

Art.011-1270-060 Industrial air operated pump **ratio=70:1**

Art.902-0302-010 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. 012-1375-000

Kit pump frame lifter and press for grease for barrels 180-220 kg  
Delivery 4,5 kg/min

Composed by:

Art.012-1200-045 Pump frame lifter and press 2 columns + follower plate

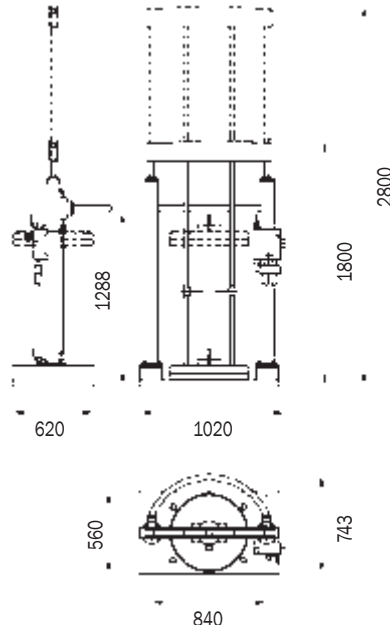
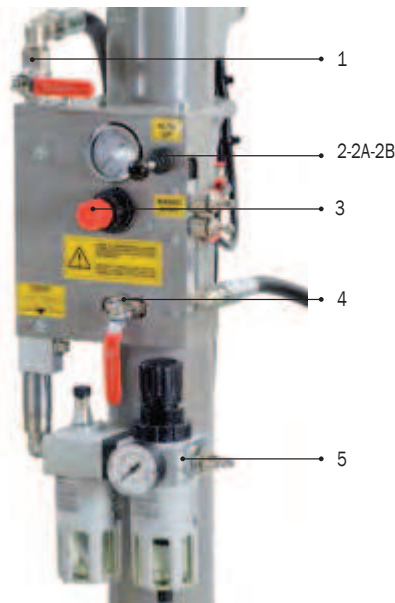
Art.011-1275-050 Industrial air operated pump **ratio=75:1**

Art.902-0302-010 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



<b>012-1340-000</b>	231,000	1,900	2
<b>012-1350-000</b>	228,500	1,900	2
<b>012-1370-000</b>	233,000	1,900	2
<b>012-1375-000</b>	230,000	1,900	2



- 1 Cock feeding pump air
- 2 Off position
- 2A Lifting position up pump and follower plate
- 2B Acting position down press-fluid
- 3 Pressure regulator with manometer for feeding lifter air
- 4 Cock feeding air lifter follower plate
- 5 Inlet feeding general air into filter end lubricator

# PNEUMATIC GREASE PUMP SETS FOR DRUMS 15-30 KG



## Art. 013-1096-000

Pneumatic wheeled grease pump for 16 kg

Composed by:

Wheeled tank for 16 kg

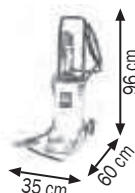
Art.010-1000-000 Grease pump ratio=60:1

Art.014-1059-030 Follower plate Ø 220 mm

Art.907-0102-030 R2 1/4" hose - 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

013-1096-00	17,800	0,010	2



013-1096-000

## Art. 013-1099-000

Grease set suitable for drums 15 Kg

Composed by:

Art.010-1000-000 Grease pump ratio=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.907-0102-030 R2 1/4" hose - 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

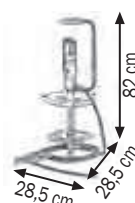
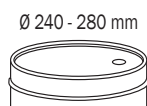
## Art. 013-1098-000

Grease set suitable for drums 15 Kg

Composed like Art.013-1099-000 but without:

Art.014-1060-030 Follower plate Ø 265 mm

013-1099-000	11,160	0,056	1
013-1098-000	10,000	0,056	1



013-1099-000

## Art. 013-1102-000

Grease set suitable for drums 18-30 Kg

Composed by:

Art.010-1005-000 Grease pump ratio=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.907-0102-030 R2 1/4" hose - 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

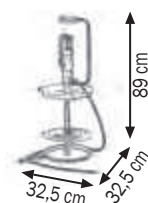
## Art. 013-1100-000

Grease set suitable for drums 18-30 Kg

Composed like Art.013.1102.000 but without:

Art.014-1062-030 Follower plate Ø 310 mm

013-1102-000	11,870	0,056	1
013-1100-000	11,440	0,056	1



013-1102-000



013-1103-000

### Art. 013-1103-000

Grease set suitable for drums 50–60 kg

Composed by:

Art.010-1010-000 Grease pump ratio=60:1

Art.014-1054-030 Lid Ø 420 mm

Art.014-1065-030 Follower plate Ø 400 mm

Art.907-0102-030 R2 1/4" hose – 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

### Art. 013-1103-A00

Grease set suitable for drums 50–60 kg

Composed like Art.013-1103-000 but with:

Art.010-1025-000 Grease pump ratio=70:1

### Art. 013-1103-B00

Grease set suitable for drums 50–60 kg

Composed like Art.013-1103-000 but with:

Art.010-1034-000 Grease pump ratio=100:1

### Art. 013-1103-C00

Grease set suitable for drums 50–60 kg

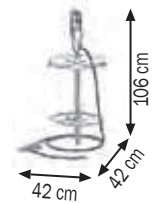
Composed like Art.013-1103-000 but with:

Art.010-1038-000 Grease pump ratio=14:1



013-1103-000	12,630	0,079	1
013-1103-A00	13,000	0,079	1
013-1103-B00	13,000	0,079	1
013-1103-C00	13,000	0,079	1

Ø 370 - 420 mm



013-1104-000

### Art. 013-1104-000

Grease set suitable for barrels 180–220 kg

Composed by:

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

Art.014-1056-030 Lid Ø 600 mm

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

Art.907-0102-030 R2 1/4" hose – 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

### Art. 013-1104-A00

Grease set suitable for barrels 180–220 kg

Composed like Art.013-1104-000 but with:

Art.010-1030-000 Grease pump ratio=70:1

### Art. 013-1104-B00

Grease set suitable for barrels 180–220 kg

Composed like Art.013-1104-000 but with:

Art.010-1035-000 Grease pump ratio=100:1

### Art. 013-1104-C00

Grease set suitable for barrels 180–220 kg

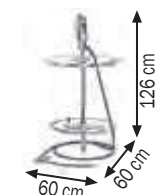
Composed like Art.013-1104-000 but with:

Art.010-1040-000 Grease pump ratio=14:1



013-1104-000	15,500	0,088	2
013-1104-A00	15,870	0,088	2
013-1104-B00	15,870	0,088	2
013-1104-C00	15,870	0,088	2

Ø 550 - 600 mm



# PNEUMATIC GREASE PUMP SETS FOR DRUMS 18-30 KG



## Art. 013-1106-000

Wheeled grease set suitable for drums 18–30 kg

Composed by:

Art.010-1005-000 Grease pump ratio=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.907-0102-030 R2 1/4" hose – 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

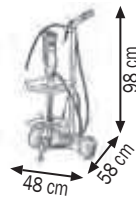
## Art. 013-1105-000

Wheeled grease set suitable for drums 18–30 kg

Composed like Art.013.1106.000 but without:

Art.014-1062-030 Follower plate Ø 310 mm

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 set suitable for drums 18–30 kg

Composed by:

Art.010-1005-000 Grease pump ratio=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.907-0102-030 R2 1/4" hose – 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

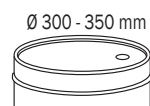
## Art. 013-1112-000

Wheeled grease set suitable for drums 18–30 Kg

Composed like Art.013-1113-000 but without:

Art.014-1063-030 Follower plate Ø 340 mm

013-1113-000	16,590	0,056	1
013-1112-000	14,630	0,056	1



013-1113-000

## Art. 013-1108-000

Wheeled grease set suitable for drums 18–30 Kg

Composed by:

Art.010-1005-000 Grease pump ratio=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.907-0102-030 R2 1/4" hose – 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

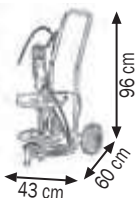
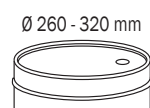
## Art. 013-1107-000

Wheeled grease set suitable for drums 18–30 Kg

Composed like Art.013-1108-000 but without:

Art.014-1062-030 Follower plate Ø 310 mm

013-1108-000	18,000	0,056	1
013-1107-000	16,670	0,056	1



013-1108-000



**013-1118-000**

## Art. 013-1118-000

Wheeled grease set suitable for drums 50-60 kg

Composed by:

Art.010-1010-000 Grease pump **ratio=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.907-0102-030 R2 1/4" hose - 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

## Art. 013-1117-000

Wheeled grease set suitable for drums 50-60 kg

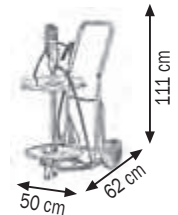
Composed like Art.013-1118-000 but without:

Art.014-1064-030 Follower plate Ø 370 mm



Ø 340 - 385 mm

<b>013-1118-000</b>	19,650	0,079	1
<b>013-1117-000</b>	17,470	0,079	1



**013-1116-000**

## Art. 013-1116-000

Wheeled grease set suitable for drums 50-60 kg

Composed by:

Art.010-1010-000 Grease pump **radio=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.907-0102-030 R2 1/4" hose - 3.0 m length

Art.014-1081-000 Grease gun with swivel joint

## Art. 013-1115-000

Wheeled grease set suitable for drums 50-60 kg

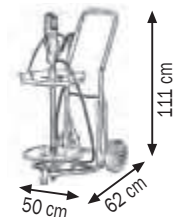
Composed like Art.013-1116-000 but without:

Art.014-1065-030 Follower plate Ø 400 mm



Ø 370 - 420 mm

<b>013-1116-000</b>	20,300	0,079	1
<b>013-1115-000</b>	17,800	0,079	1



**013-1120-000**

## Art. 013-1120-000

Wheeled grease set suitable for drums 50-60 kg

Composed by:

Art.010-1010-000 Grease pump **radio=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

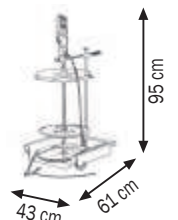
Art.907-0102-050 R2 1/4" hose - 5.0 m length

Art.014-1081-000 Grease gun with swivel joint



Ø 370 - 420 mm

<b>013-1120-000</b>	26,800	0,079	1
---------------------	--------	-------	---



# PNEUMATIC GREASE PUMP SETS FOR BARRELS 180-220 KG



## Art. 013-1121-000

Wheeled grease set suitable for barrels 180–220 kg

Composed by:

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

Art.030-1398-000 3-wheels trolley

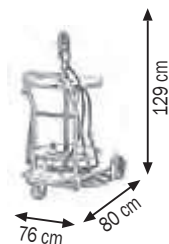
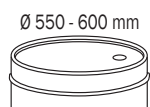
Art.014-1056-030 Lid Ø 600 mm

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

Art.907-0102-050 R2 1/4" hose – 5.0 m length

Art.014-1081-000 Grease gun with swivel joint

013-1121-000	45,070	0,200	2



013-1121-000

## Art. 013-1122-000

Wheeled grease set suitable for barrels 180–220 kg with hose reel

Composed by:

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

Art.030-1398-000 3-wheels trolley

Art.014-1056-030 Lid Ø 600 mm

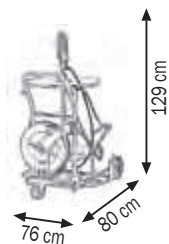
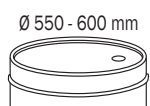
Art.014-1066-030 Follower plate Ø 590 mm

Art.907-0122-015 R2 1/4" hose – 1.5 m length

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

Art.070-1207-110 Hose reel with R2 1/4" hose 10.0 m length

013-1122-000	56,900	0,246	3



013-1122-000

## Art. 013-1123-000

Wheeled grease set suitable for barrels 180–220 kg with hose reel

Composed by:

Art.010-1030-000 Grease pump ratio=70:1

Art.030-1398-000 3-wheels trolley

Art.014-1056-030 Lid Ø 600 mm

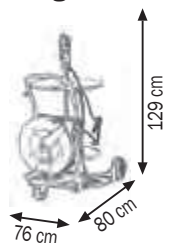
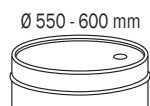
Art.014-1066-030 Follower plate Ø 590 mm

Art.907-0122-015 R2 1/4" hose – 1.5 m length

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

Art.070-1307-118 Hose reel with R2 1/4" hose 18.0 m length

013-1123-000	66,700	0,246	3



013-1123-000



**013-1125-000**

## Art. 013-1125-000

Wheeled grease set suitable for barrels 180-220 kg

Composed by:

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

Art.030-1400-000 4-wheels trolley

Art.014-1056-030 Lid Ø 600 mm

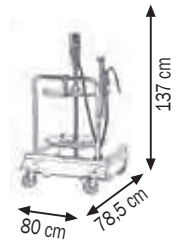
Art.014-1066-030 Follower plate Ø 590 mm

Art.907-0102-050 R2 1/4" hose - 5.0 m length

Art.014-1081-000 Grease gun with swivel joint

			
013-1125-000	55,780	0,200	2

Ø 550 - 600 mm



**013-1130-000**

## Art. 013-1130-000

Wheeled grease set suitable for barrels 180-220 kg

Composed by:

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





Art.030-1405-000 4-wheels trolley

Art.014-1056-030 Lid Ø 600 mm

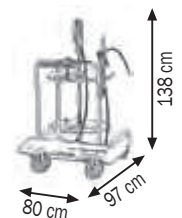
Art.014-1066-030 Follower plate Ø 590 mm

Art.907-0102-050 R2 1/4" hose - 5.0 m length

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

			
013-1130-000	67,680	0,200	2

Ø 550 - 600 mm



**013-1135-000**

## Art. 013-1135-000

Wheeled grease set suitable for barrels 180-220 kg with hose reel

Composed by:

Art.010-1015-000 Grease pump ratio=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

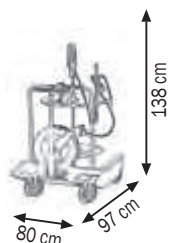
Art.907-0122-015 R2 1/4" hose - 1.5 m length

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

Art.070-1207-110 Hose reel with R2 1/4" hose 10.0 m length

			
013-1135-000	83,290	0,246	3

Ø 550 - 600 mm





## Art. 013-1136-000

Wall-fixing grease set suitable for drums 50–60 kg

Composed by:

Art.010-1010-000 Grease pump **ratio=60:1**

Art.071-1207-110 Hose reel with R2 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 R2 1/4" hose – 1.5 m length

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





Art.079-1785-000 Support for picking up drops

## Art. 013-1137-000

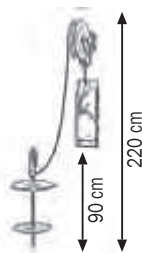
Wall-fixing grease set suitable for drums 50–60 kg

Composed like Art.013-1136-000 but with:

Art.071-1207-115 Hose reel with R2 1/4" hose **15,0 m** length

			
<b>013-1136-000</b>	34,000	0,122	4
<b>013-1137-000</b>	36,500	0,122	4

Ø 370 - 420 mm



**013-1136-000**

## Art. 013-1138-000

Wall-fixing grease set suitable for barrels 180–220 kg

Composed by:

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

Art.071-1207-110 Hose reel with R2 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 R2 1/4" hose – 1.5 m length

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





Art.079-1785-000 Support for picking up drops

## Art. 013-1139-000

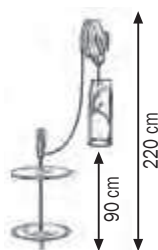
Wall-fixing grease set suitable for barrels 180–220 Kg

Composed like Art.013-1138-000 but with:

Art.071-1207-115 Hose reel with R2 1/4" hose **15,0 m** length

			
<b>013-1138-000</b>	40,860	0,151	4
<b>013-1139-000</b>	42,700	0,151	4

Ø 550 - 600 mm



**013-1138-000**



**013-1932-010**

## Art. 013-1932-010

Wall-fixing grease set suitable for barrels 180-220 kg

Composed by:

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

Art.023-1905-000 Tank of dump and stocking for 1 barrel 180-220 kg

Art.075-4507-110 Hose reel with R2 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 R2 1/4" hose - 1.5 m length F-F





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

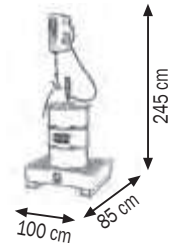
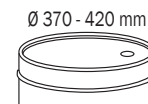
## Art. 013-1932-015

Wall-fixing grease set suitable for barrels 180-220 kg

Composed like Art.013-1932-010 but with:

Art.075-4507-115 Hose reel with R2 1/4" hose 15,0 m length

				
<b>013-1932-010</b>	110,000	0,570	5	
<b>013-1932-015</b>	112,000	0,570	5	



**013-1933-010**

## Art. 013-1933-010

Complete installation 1 position for barrels 180-220 kg

Composed by:

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

Art.023-1925-000 Tank of dump complete with supporting structure for 1 position

Art.075-4507-110 Hose reel with R2 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 R2 1/4" hose - 1.5 m length





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

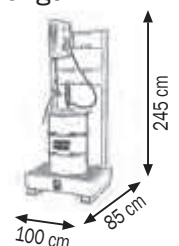
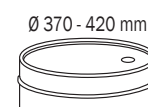
## Art. 013-1933-015

Complete installation 1 position for barrels 180-220 Kg

Composed like Art.013 1933 010 but with:

Art.075-4507-115 Hose reel with R2 1/4" hose 15,0 m length

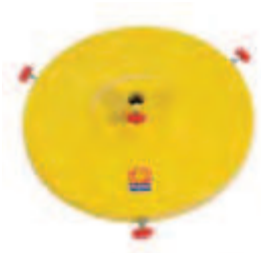
				
<b>013-1933-010</b>	140,000	0,600	5	
<b>013-1933-015</b>	142,000	0,600	5	



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.

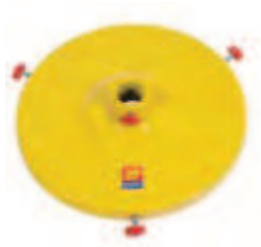
## LID FOR PUMPS WITH SHANK Ø 30 mm

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



## LID FOR INDUSTRIAL PUMPS WITH SHANK Ø 45 mm

Art.	Ø Lid	For drums	outside Ø
<b>014-1053-045</b>	395 mm	30-50 Kg	340-395 mm
<b>014-1054-045</b>	420 mm	50-60 Kg	370-420 mm
<b>014-1056-045</b>	600 mm	180-220 Kg	550-600 mm



## LID FOR INDUSTRIAL PUMPS WITH SHANK Ø 50 mm

Art.	Ø Lid	For drums	outside Ø
<b>014-1053-050</b>	395 mm	30-50 Kg	340-395 mm
<b>014-1054-050</b>	420 mm	50-60 Kg	370-420 mm
<b>014-1056-050</b>	600 mm	180-220 Kg	550-600 mm



## LID FOR INDUSTRIAL PUMPS WITH MUFF 2" F

Art.	Ø Lid	For drums	outside Ø
<b>014-1053-200</b>	395 mm	30-50 Kg	340-395 mm
<b>014-1054-200</b>	420 mm	50-60 Kg	370-420 mm
<b>014-1056-200</b>	600 mm	180-220 Kg	550-600 mm



Suitable for the application of the threaded ring fixing pumps.

The drum lid is 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 PLATE FOR PUMPS WITH SHANK Ø 30 mm



Art.	Ø Follower Plates	For drums	inside Ø
<b>014-1059-030</b>	220 mm	5 Kg	195 - 210 mm
<b>014-1060-030</b>	265 mm	12 - 16 Kg	240 - 260 mm
<b>014-1061-030</b>	290 mm	16 - 20 Kg	250 - 280 mm
<b>014-1062-030</b>	310 mm	18 - 30 Kg	270 - 300 mm
<b>014-1063-030</b>	340 mm	20 - 30 Kg	300 - 330 mm
<b>014-1064-030</b>	370 mm	30 - 50 Kg	335 - 360 mm
<b>014-1065-030</b>	400 mm	50 - 60 Kg	360 - 400 mm
<b>014-1066-030</b>	590 mm	180 - 220 Kg	540 - 580 mm

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



Art.	Ø Follower Plates	For drums	inside Ø
<b>014-1064-045</b>	370 mm	30-50 kg	335-360 mm
<b>014-1065-045</b>	400 mm	50-60 kg	360-400 mm
<b>014-1066-045</b>	590 mm	180-220 kg	540-580 mm

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



Art.	Ø Follower Plates	For drums	inside Ø
<b>014-1064-050</b>	370 mm	30-50 kg	335-360 mm
<b>014-1065-050</b>	400 mm	50-60 kg	360-400 mm
<b>014-1066-050</b>	590 mm	180-220 kg	540-580 mm

It is advisable to use always the follower plate, it is very important of ambient 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 pushing the grease into the pump and avoids air cavities. Also it removes the grease remaining on the walls down to the bottom of the drums.

**Art. 014-1079-000**

Grease control gun without pipe and coupling



014-1079-000

**Art. 014-1082-000**

Grease control gun with rigid pipe and 4-jaws coupling

Length rigid pipe 200 mm



014-1082-000

**Art. 014-1083-000**

Grease control gun with rigid pipe and 4-jaws coupling

Length rigid pipe 200 mm

Swivel joint F 1/4"



014-1083-000

**Art. 014-1083-010**

Grease control gun with rigid pipe and 4-jaws coupling

Length rigid pipe 200 mm

Triple-swivel joint F 1/4"



014-1083-010

**Art. 014-1080-000**

Grease control gun with flexible hose and 4-jaws coupling

Length flexible hose 400 mm



014-1080-000

**Art. 014-1081-000**

Grease control gun with flexible hose and 4-jaws coupling

Length flexible hose 400 mm

Swivel joint F 1/4"



014-1081-000

**Art. 014-1081-010**

Grease control gun with flexible hose and 4-jaws coupling

Length flexible hose 400 mm

Triple-swivel joint F 1/4"



014-1081-010

**Art. 014-1085-000**

400 mm flexible hose with

M 10 x1 mm thread



014-1085-000

**Art. 014-1086-000**

200 mm rigid pipe with

M 10x1 mm thread



014-1086-000

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



014-1084-000

## Art. 014-1084-000

### Grease digital meter

Equipped with two displays, one is for batch counting (zeroing) and the other one for total volumes (not zeroing) of the dispensed grease.

## Art. 014-1084-100

### Grease digital meter nozzle

Composed by:

digital meter 4 digits

triple-swivel joint

rigid end + 4 jaws coupling

Not approved for public use



014-1084-100

Technical data		014-1084-000	014-1084-100
Inlet connection	BSP	F 1/8"G	F 1/4"G
Outlet connection	BSP	F 1/8"G	F 10X1
Max working pressure	bar	500	500
Burst pressure	bar	1000	1000
Batch meter	digits	4	4
Totalizing meter in kg	digits	4	4
Working temperature	max C°	60°	60°
Battery life	months	24	24



014-1042-000

## Art. 014-1042-000

### Pneumatic nozzle for grease ratio=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

hereby may vary between a minimum of 3.5 bar and a maximum of 8.5 bar

Technical data		014-1042-000
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

**Art. 014-1088-000**

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



014-1088-000



014-1088-A00

**Art. 014-1088-A00**

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



014-1089-000



014-1089-A00

**Art. 014-1089-000**

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

**Art. 014-1089-A00**

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

**Art. 014-1089-B00**

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



014-1089-B00

**Art. 014-1090-000**

Triple-swivel joint with 1/4“ M-F thread

**Art. 014-1091-000**

1/4“-1/4“ M-F swivel joint



F96-0502-002



F96-0500-002

**Art. F96-0500-002**

Quick connect coupling female 1/4“ Interchange ability according to ISO 7241-A

**Art. F96-0502-002**

Quick connect coupling male 1/4“ Interchange ability according to ISO 7241-A

**Art. F96-0100-202**

Plated steel M1/4“G – M1/4“G nipple



014-1091-000



014-1090-000

**Art. F96-0100-303**

Plated steel M3/8“G – M3/8“ G nipple

**Art. F96-0100-302**

Plated steel M3/8“G x M1/4“G nipple

**Art. F96-0100-402**

Plated steel M1/2“G x M1/4“G nipple

**Art. F96-0110-202**

Plated steel M1/4“G x M1/4“NPT nipple

**Art. F96-0110-302**

Plated steel M3/8“NPT x M1/4“G nipple

**Art. 014-1095-000**

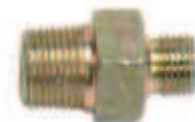
Grease pump handle



014-1095-000



F96-0100-202



F96-0110-302

**Connection flexible hoses**

Art.	Characteristics	Pressure	Burst	Length
907-0122-015	R2 1/4" F - F	W.P.400 bar	1600 bar	1.5 m
907-0122-020	R2 1/4" F - F	W.P.400 bar	1600 bar	2.0 m
907-0102-030	R2 1/4" M - F	W.P.400 bar	1600 bar	3.0 m
907-0102-040	R2 1/4" M - F	W.P.400 bar	1600 bar	4.0 m
907-0102-050	R2 1/4" M - F	W.P.400 bar	1600 bar	5.0 m
907-0102-060	R2 1/4" M - F	W.P.400 bar	1600 bar	6.0 m
907-0102-075	R2 1/4" M - F	W.P.400 bar	1600 bar	7.5 m
907-0102-080	R2 1/4" M - F	W.P.400 bar	1600 bar	8.0 m
907-0323-015	R2 3/8" F - F	W.P.330 bar	1320 bar	1.5 m
907-0323-020	R2 3/8" F - F	W.P.330 bar	1320 bar	2 m
907-0303-030	R2 3/8" M - F	W.P.330 bar	1320 bar	3 m
907-0303-040	R2 3/8" M - F	W.P.330 bar	1320 bar	4 m
907-0303-050	R2 3/8" M - F	W.P.330 bar	1320 bar	5 m



907-0102-030



014-1045-000



014-1045-B00

### Art. 014-1045-000

Pressure regulator with gauge

Inlet - outlet connection F 1/4"

Necessary when the air-operated plant doesn't include it

### Art. 014-1045-B00

Pressure regulator with gauge

Inlet - outlet connection F 1/2"



014-1046-000



014-1046-B00

### Art. 014-1046-000

Pressure regulator with filter and gauge

Inlet - outlet connection F 1/4"

It avoids condensation suitable when the use of the pump is continuative

### Art. 014-1046-B00

Pressure regulator with filter and gauge

Inlet - outlet connection F 1/2"



014-1047-000



014-1047-B00

### Art. 014-1047-000

Air lubricator Inlet - outlet connection F 1/4"

It sprays the lubricant optimising the efficiency and the life of the pump

### Art. 014-1047-B00

Air lubricator Inlet - outlet connection F 1/2"



014-1048-000



014-1048-B00

### Art. 014-1048-000

Pressure regulator with filter, lubricator and gauge

Inlet - outlet connection F 1/4"

Automatic outlet of condensation. It optimizes the working and life of pumps. When the pump is regularly used, it fully prevents the seizing-up of the moving part

### Art. 014-1048-B00

Pressure regulator with filter, lubricator and gauge

Inlet - outlet connection F 1/2"

Automatic outlet of condensation

In order to optimize the efficiency and the life time of your air-operated equipment we recommend to use condensate and particle free air at the correct pressure and lubricated.





**MOBILE MANUAL GREASE PUMPS POWERED BY LEVER**

Practical and functional can be used in all the work environment, in particular on disconnected land as in agricultural or in construction site.

Grant you the easy substitution of the grease container (drum or bucket) and permit a quick greasing of every vehicle or mechanism. Are equipped with follower plate to maintain the pumps function and preserving its characteristics in use.



**MOBILE MANUAL PUMPS FOR GREASE TRANSFER POWERED BY LEVER**

Each cycles of the lever supply 40 gram of grease. Practical and functional can be used for the filling of digital unit dispensers, syringe for the manual greasing.

Grant you the easy substitution of the grease container (drum or bucket).

Are equipped with follower plate to maintain the pumps function and preserving its characteristics in use.



**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:

Mobile container 16 kg

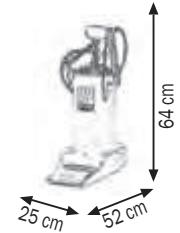
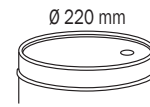
Art.014-1059-030 Follower plate Ø 220 mm with spring

Art.906-0142-020 Rubber hose R1 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

			
<b>016-1141-000</b>	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 container 16 kg

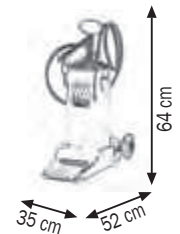
Art.014-1059-030 Follower plate Ø 220 mm with spring

Art.906-0142-020 Rubber hose R1 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

			
<b>016-1142-000</b>	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 container 16 kg

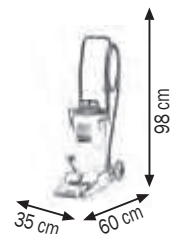
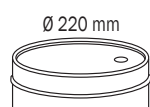
Art.014-1059-030 Follower plate Ø 220 mm with spring

Art.906-0142-020 Rubber hose R1 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

			
<b>016-1144-000</b>	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 Rubber hose R1 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 Rubber hose R1 F 1/4" – F 10X1 2.0 m length

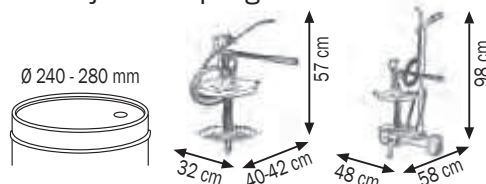
Art.017-1155-000 Cock M-F 10x1mm

Art.017-1156-000 200 mm rigid pipe and 4-jaws coupling



016-1145-C15

				
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 Rubber hose R1 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 Rubber hose R1 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 fitting



016-1150-C20

				
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 Rubber hose R1 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

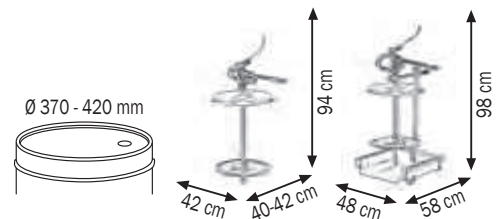
Art.014-1065-030 Follower plate Ø 400mm with spring

Art.906-0142-020 Rubber hose R1 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

				
016-1150-050	10,800	0,056	1	
016-1150-C50	22,800	0,056	1	



## ACCESSORIES FOR MANUAL GREASE PUMPS



017-1155-000

## Art. 017-1155-000

Brass cock

with M-F 10x1 mm thread



017-1156-000

## Art. 017-1156-000

200 mm rigid pipe

4-jaws fitting with 10x1 mm thread



017-1157-000

## Art. 017-1157-000

4-jaws fitting

10x1 mm thread



017-1161-000

## Art. 017-1161-000

90° Rigid connection with adaptor Ø 9 mm

for manual grease pumps filling



906-0142-030

## Art. 906-0142-020

Rubber hose R1 1/4"

F 1/4" – F 10x1 – 2.0 m length

## Art. 906-0142-030

Rubber hose R1 1/4"

F 1/4" – F 10x1 – 3.0 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

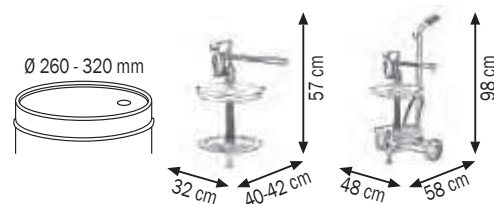
Composed by:

- 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

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

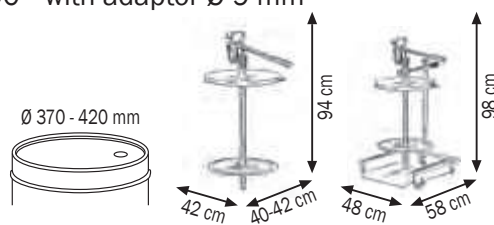
Composed by:

- 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

016-1151-050	10,700	0,790	1	
016-1151-C50	21,800	0,790	1	





016-1152-020



016-1152-C20



016-1152-050



016-1152-C50

## 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"

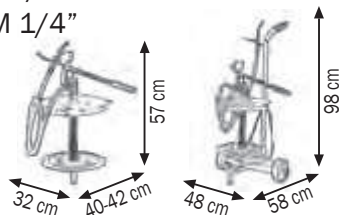
## Art. 016-1152-C20

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"

				
016-1152-020	7,400	0,023	1	
016-1152-C20	12,500	0,056	1	

Ø 260 - 320 mm



## 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"

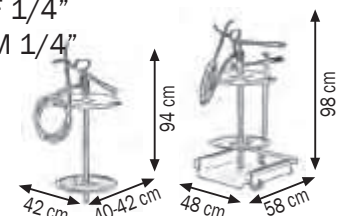
## Art. 016-1152-C50

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"

				
016-1152-050	11,700	0,790	1	
016-1152-C50	22,800	0,790	1	

Ø 370 - 420 mm





GREASE DISTRIBUTION







# OIL DISTRIBUTION



	AIR-OPERATED PUMPS FOR OIL AND SIMILAR	pg. 039
	AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR	pg. 048
	OIL SETS	pg. 061
	TANKS OF DUMP	pg. 072
	FIXED INSTALLATIONS AND STRUCTURE	pg. 074
	NOZZLES FOR OIL AND SIMILAR	pg. 080
	ACCESSORIES FOR OIL PUMPS	pg. 089
	ELECTRONIC MANAGEMENT SYSTEMS	pg. 093
	PNEUMATIC AND MANUAL OIL DISPENSERS	pg. 097
	DISPENSER BAR AND ACCESSORIES	pg. 102
	AIR-OPERATED DIAPHRAGM PUMPS	pg. 107
	AIR-OPERATED STAINLESS STEEL PUMPS	pg. 108
	TROLLEYS FOR DRUMS TRANSPORT	pg. 112

The air-operated oil pumps, fully designed and manufactured by MECLUBE, shows remarkable operating features. It is fully machined 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.

- **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**





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

**COMPRESSION RATIO = 1:1**

**DELIVERY CAPACITY = 35 l/min**



## Art. 020-0978-000

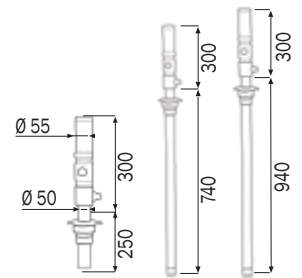
**Air-operated oil pump Mod.501**  
**ratio=1:1 Delivery capacity 35 l/min**  
 For wall-fixing or fixed positions.  
 With different accessories it allows alternative possibilities of application.  
**Viton seals**

## Art. 020-0980-000

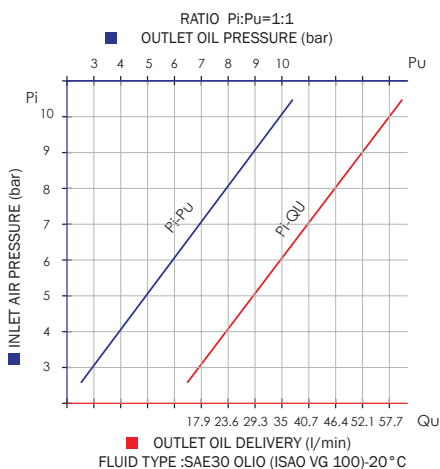
**Air-operated oil pump Mod.501**  
**ratio=1:1 Delivery capacity 35 l/min**  
 For standard drums of **50-60 l**  
 (shank length 740 mm)  
**Viton seals**

## Art. 020-0985-000

**Air-operated oil pump Mod.501**  
**ratio=1:1 Delivery capacity 35 l/min**  
 For standard barrels of **180-220 l**  
 (shank length 940 mm)  
**Viton seals**  
**With threaded ring for drum connection.**



<b>020-0978-000</b>	3,600	0,007	1
<b>020-0980-000</b>	5,850	0,013	1
<b>020-0985-000</b>	6,800	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 3/4" G	M 3/4" G	M 3/4" G
Oil delivery capacity 6 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 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 advise to use filtered and lubricated air.

# AIR-OPERATED PUMPS FOR OIL AND SIMILAR 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 different accessories it allows alternative possibilities of application.

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 barrels of 180-220 l

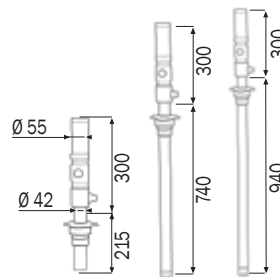
(shank length 940 mm)

Viton seals

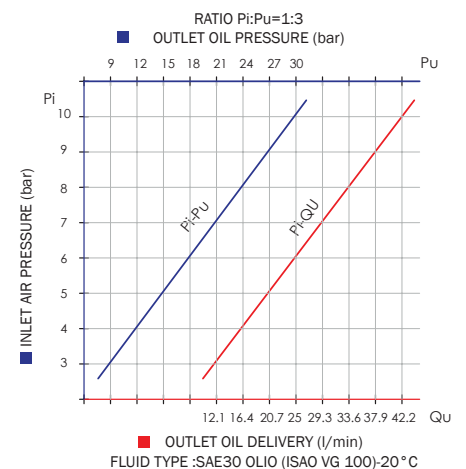
With threaded ring for drum connection.



020-0988-000	3,770	0,007	1
020-0990-000	4,940	0,013	1
020-0995-000	5,350	0,016	1



TECHNICAL DATA		020-0988-000	020-0990-000	020-0995-000
Compression ratio		3:1	3:1	3:1
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 6 bar	l/min	25	25	25
Noise	dB	80	80	80
Shank diameter	mm	42	42	42
Shank length	mm	215	740	940
For drums with capacity of	l	-	50-60	180-220



These pumps are advised for the transfer of low - medium viscosity oil (SAE 15/130), similar 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 advise to use filtered and lubricated air.



# AIR-OPERATED PUMPS FOR OIL AND SIMILAR 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 different accessories it allows alternative possibilities of application.

Polyurethane seals

## Art. 020-1170-000

Air-operated oil pump Mod.601  
ratio=1:1 Delivery capacity 40 l/min

For standard barrels of 180-220 l

(shank length 940 mm)

Polyurethane seals

## Art. 020-1172-000

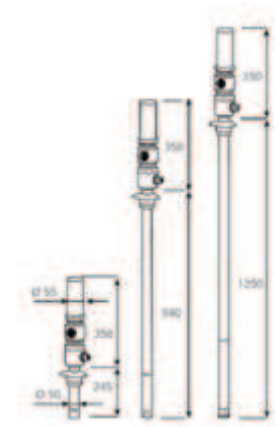
Air-operated oil pump Mod.601  
ratio=1:1 Delivery capacity 40 l/min

For standard tanks of 750-1500 l

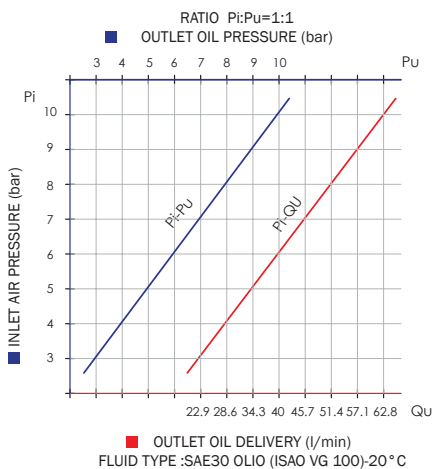
(shank length 1250 mm)

Polyurethane seals

With threaded ring for drum connection.



020-1168-000	5,000	0,007	1
020-1170-000	7,270	0,016	1
020-1172-000	8,220	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 6 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 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 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 different accessories it allows alternative possibilities of application.

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 barrels 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

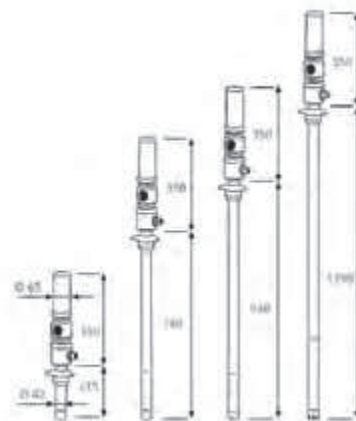
For standard tanks of 750-1500 l  
(shank length 1250 mm)

Polyurethane seals

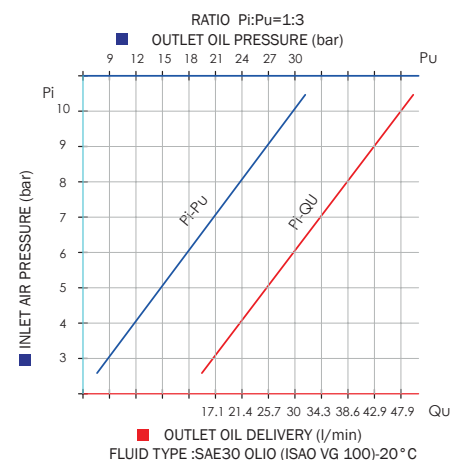
With threaded ring for drum connection.



Art. No.	Weight (Kg)	Volume (m³)	Boxes
020-1188-000	5,570	0,007	1
020-1190-000	6,740	0,013	1
020-1195-000	7,380	0,016	1
020-1196-000	8,460	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 6 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 guarantee 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 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 different accessories it allows alternative possibilities of application.

**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 barrels 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

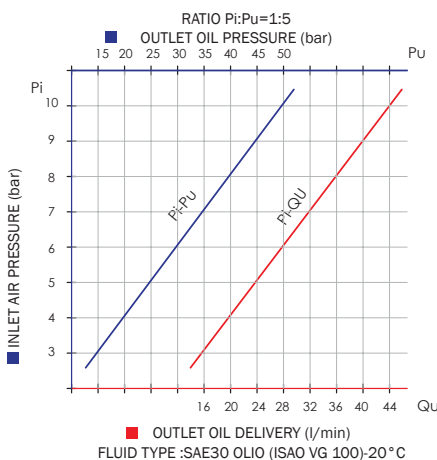
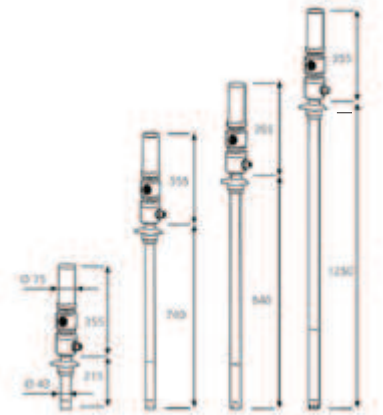
(shank length 1250 mm)

**Polyurethane seals**

**With threaded ring for drum connection.**



Art.	Weight (Kg)	Volume (m³)	Quantity
020-1198-000	5,860	0,007	1
020-1200-000	7,100	0,013	1
020-1205-000	7,710	0,016	1
020-1206-000	9,000	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	bar 6-8	bar 6-8	bar 6-8
Air consumption	l/min 250	l/min 250	l/min 250	l/min 250
Air inlet connection	BSP F 1/4" G	BSP F 1/4" G	BSP F 1/4" G	BSP F 1/4" G
Oil outlet connection	BSP M 1/2" G	BSP M 1/2" G	BSP M 1/2" G	BSP M 1/2" G
Oil delivery capacity 6 bar	l/min 28	l/min 28	l/min 28	l/min 28
Noise	dB 80	dB 80	dB 80	dB 80
Shank diameter	mm 42	mm 42	mm 42	mm 42
Shank length	mm 215	mm 740	mm 940	mm 1250
For drums with capacity of	l -	l 50-60	l 180-220	l 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 guarantee 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 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 different accessories it allows alternative possibilities of application.

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 barrels of 180-220 l

(shank length 940 mm)

Polyurethane seals

## Art. 020-1211-000

Double-acting air-operated oil pump Mod.608

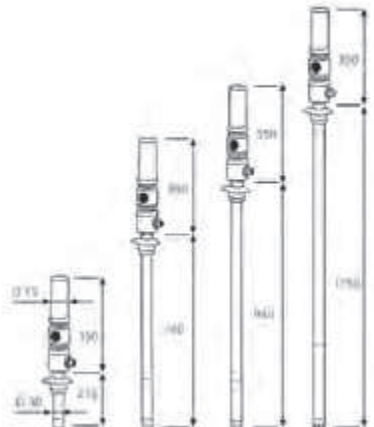
ratio=8:1 Delivery capacity 20 l/min

For standard tanks of 750-1500 l

(shank length 1250 mm)

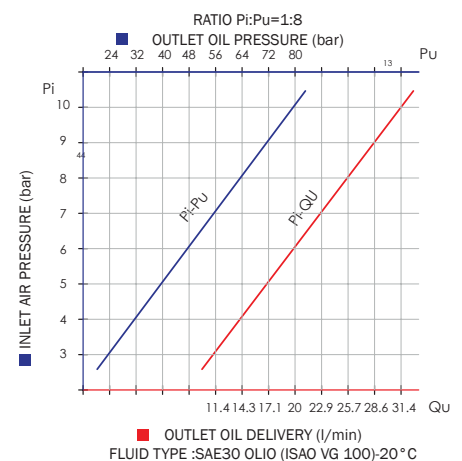
Polyurethane seals

With threaded ring for drum connection.



Art. No.	Weight (kg)	Volume (m <sup>3</sup> )	Seals
020-1207-000	4,850	0,007	1
020-1208-000	6,200	0,013	1
020-1210-000	6,670	0,016	1
020-1211-000	7,500	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 6 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



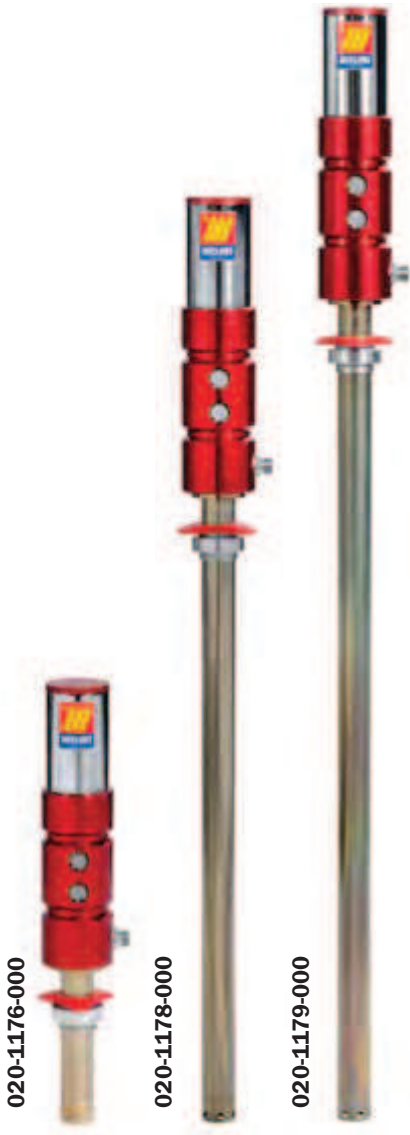
These pumps are advised for the transfer of high viscosity oil (SAE 15/280), for medium-long distances (150 – 200 m). The delivery capacity of a pump varies according to particular applications and combinations: the pressure of air supplied; viscosity and temperature of the fluid; dimensions of delivery 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 guarantee 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 advise to use filtered and lubricated air.



# AIR-OPERATED OIL PUMPS HIGH DELIVERY Mod.803

COMPRESSION RATIO = 3:1

DELIVERY CAPACITY = 40 l/min



## Art. 020-1176-000

Double-acting air-operated oil pump HIGH-DELIVERY Mod.803 ratio=3:1 Delivery capacity 40 l/min

For wall-fixing or fixed positions.

With different accessories it allows alternative possibilities of application. Polyurethane seals

## Art. 020-1178-000

Double-acting air-operated oil pump HIGH-DELIVERY Mod.803 ratio=3:1 Delivery capacity 40 l/min

For standard barrels of 180-220 l (shank length 940 mm)

Polyurethane seals

## Art. 020-1179-000

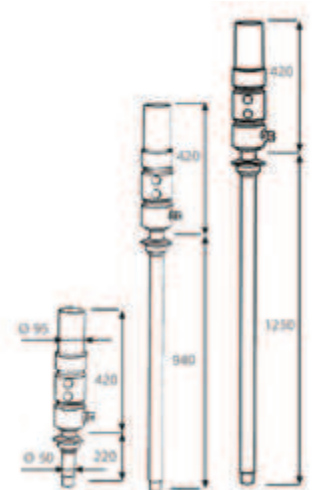
Double-acting air-operated oil pump HIGH-DELIVERY Mod.803 ratio=3:1 Delivery capacity 40 l/min

For standard tanks of 750-1500 l (shank length 1250 mm)

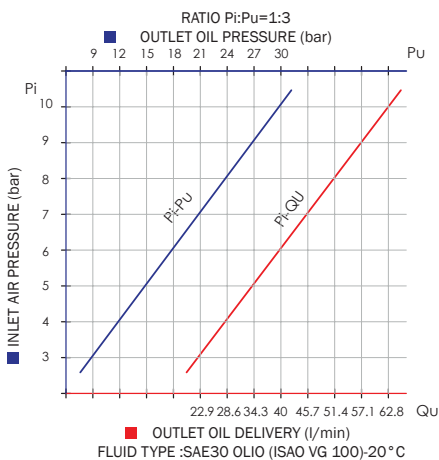
Polyurethane seals

With threaded ring for drum connection.

Suitable for oil distribution facilities in workshop for industrial vehicles in which is request a high delivery with more dispensing points.



Art. No.	Working Pressure (bar)	Air Consumption (l/min)	Oil Delivery Capacity (l/min)
020-1176-000	10,100	0,011	1
020-1178-000	12,100	0,023	1
020-1179-000	13,150	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
Air consumption	l/min	340	340
Air inlet connection	BSP	F 3/8" G	F 3/8" G
Oil outlet connection	BSP	M 3/4" G	M 3/4" G
Oil delivery capacity 6 bar	l/min	40	40
Noise	dB	80	80
Shank diameter	mm	50	50
Shank length	mm	220	940
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 guarantee 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 advise to use filtered and lubricated air.

# AIR-OPERATED OIL PUMPS HIGH DELIVERY Mod.805



**COMPRESSION RATIO = 5:1**

**DELIVERY CAPACITY = 35 l/min**

## Art. 020-1180-000

Double-acting air-operated oil pump HIGH-DELIVERY Mod.805  
ratio=5:1 Delivery capacity 35 l/min

For wall-fixing or fixed positions.

With different accessories it allows alternative possibilities of application.

Polyurethane seals

## Art. 020-1182-000

Double-acting air-operated oil pump HIGH-DELIVERY Mod.805  
ratio=5:1 Delivery capacity 35 l/min

For standard barrels of 180–220 l

(shank length 940 mm)

Polyurethane seals

## Art. 020-1183-000

Double-acting air-operated oil pump HIGH-DELIVERY Mod.805  
ratio=5:1 Delivery capacity 35 l/min

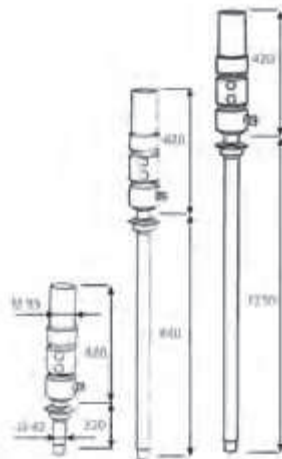
For standard tanks of 750–1500 l

(shank length 1250 mm)

Polyurethane seals

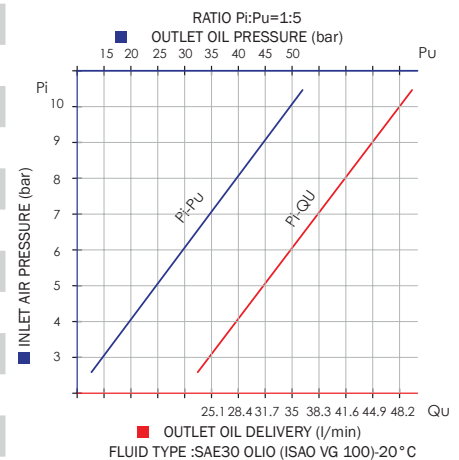
With threaded ring for drum connection.

Suitable for oil distribution facilities in workshop for industrial vehicles in which is request a high delivery with more dispensing points.



020-1180-000	10,100	0,011	1
020-1182-000	12,150	0,023	1
020-1183-000	13,200	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 6 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 guarantee 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 advise to use filtered and lubricated air.



The new air-operated industrial pumps, **patented**, fully designed and manufactured by MECLUBE, shows operating features that grant high efficiency in the delivery and also in the high pressure of application. The manufactured quality, the kind of used material and the treatments of temper and grinding permit to reduce the wear on time and these pumps are suitable to work in the more several environmental conditions.

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

## **AIR-OPERATED INDUSTRIAL PUMPS FLANGED**

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

## **INDUSTRIAL BREAK PUMPS**

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

# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR

## Mod. 905 FLANGED

COMPRESSION RATIO = 5:1

DELIVERY CAPACITY = 45 l/min



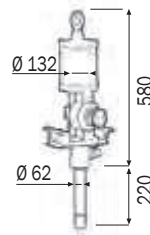
### Art. 021-0905-000

Double-acting air-operated industrial oil pump ratio=5:1

Mod. 905 flanged

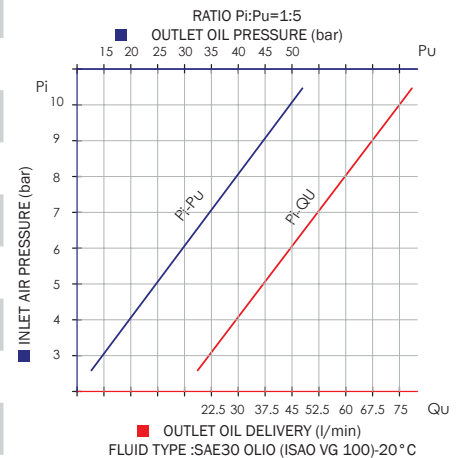
For wall-fixing or fixed positions.

Polyurethane seals



021-0905-000 15,000 0,040 1

TECHNICAL DATA		021-0905-000
Compression ratio		5:1
Working pressure	bar	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	1,75
Air inlet connection	BSP	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	45
Noise	dB	80
Shank diameter	mm	62
Shank length	mm	Modular F 1"
For drums	l	-



These pumps are advised for the transfer of low-high viscosity oil and similar 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 guarantee 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 advise to use filtered and lubricated air.



# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR Mod. 908 FLANGED

COMPRESSION RATIO = 8:1

DELIVERY CAPACITY = 35 l/min



## Art. 021-0908-000

Double-acting air-operated industrial oil pump ratio=8:1  
Mod. 908 flanged  
For wall-fixing or fixed positions.  
Polyurethane seals

## Art. 021-0908-094

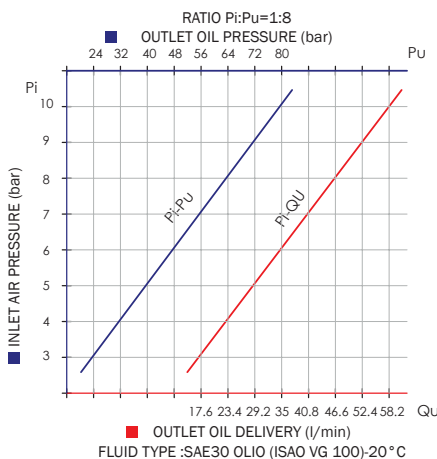
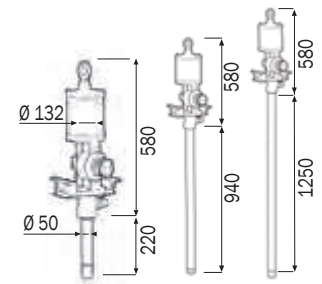
Double-acting air-operated industrial oil pump ratio=8:1  
Mod. 908 flanged  
For barrels of 180-220 l  
Polyurethane seals

## Art. 021-0908-125

Double-acting air-operated industrial oil pump ratio=8:1  
Mod. 908 flanged  
For tanks of 750-1500 l  
Polyurethane seals



Art. No.	Weight (kg)	Volume (m³)	Performance (l/min)
021-0908-000	14,000	0,040	1
021-0908-094	16,000	0,070	1
021-0908-125	17,000	0,090	1



TECHNICAL DATA	021-0908-000	021-0908-094	021-0908-125
Compression ratio	8:1	8:1	8:1
Working pressure	bar	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	1,75	1,75
Air inlet connection	BSP	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	35	35
Noise	dB	80	80
Shank diameter	mm	50	50
Shank length	mm	Modular F 1"	940
For drums	l	-	180-220
			750-1500

These pumps are advised for the transfer of low-high viscosity oil and similar 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 guarantee 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 advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR

## Mod. 1210 FLANGED

COMPRESSION RATIO = 10:1

DELIVERY CAPACITY = 45 l/min



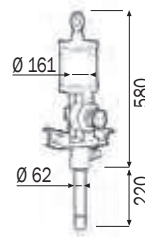
### Art. 021-1210-000

Double-acting air-operated industrial oil pump ratio=10:1

Mod. 1210 flanged

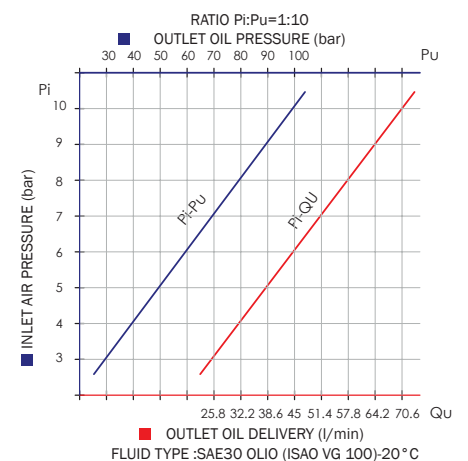
For wall-fixing or fixed positions.

Polyurethane seals



021-1210-000 16,000 0,040 1

TECHNICAL DATA		021-1210-000
Compression ratio		10:1
Working pressure	bar	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	2,90
Air inlet connection	BSP	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	45
Noise	dB	80
Shank diameter	mm	62
Shank length	mm	Modular F 1"
For drums	l	-



These pumps are advised for the transfer of low-high viscosity oil and similar 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 guarantee 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 advise to use filtered and lubricated air.



# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR Mod. 912 FLANGED

COMPRESSION RATIO = 12:1 DELIVERY CAPACITY = 30 l/min



## Art. 021-0912-000

Double-acting air-operated industrial oil pump ratio=12:1  
Mod. 912 flanged  
For wall-fixing or fixed positions.  
Polyurethane seals

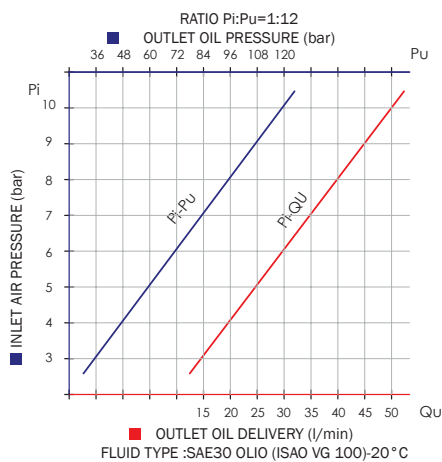
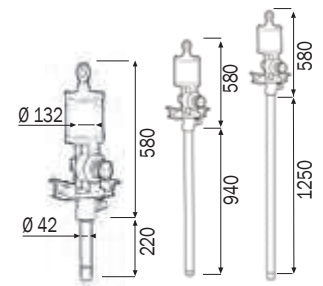
## Art. 021-0912-094

Double-acting air-operated industrial oil pump ratio=12:1  
Mod. 912 flanged  
For barrels of 180-220 l  
Polyurethane seals

## Art. 021-0912-125

Double-acting air-operated industrial oil pump ratio=12:1  
Mod. 912 flanged  
For tanks of 750-1500 l  
Polyurethane seals

021-0912-000	13,500	0,040	1	
021-0912-094	15,500	0,070	1	
021-0912-125	16,500	0,090	1	



TECHNICAL DATA		021-0912-000	021-0912-094	021-0912-125
Compression ratio		12:1	12:1	12:1
Working pressure	bar	6-8	6-8	6-8
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 6 bar	l/min	30	30	30
Noise	dB	80	80	80
Shank diameter	mm	42	42	42
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 for medium-long distances. Suitable for the transfer of medium-high viscosity grease. 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 guarantee 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 advise to use filtered and lubricated air.



# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND SIMILAR

## Mod. 1214 FLANGED

COMPRESSION RATIO = 14:1      DELIVERY CAPACITY = 30 l/min



### Art. 021-1214-000

Double-acting air-operated industrial oil pump ratio=14:1

Mod. 1214 flanged

For wall-fixing or fixed positions.

Polyurethane seals

### Art. 021-1214-094

Double-acting air-operated industrial oil pump ratio=14:1

Mod. 1214 flanged

For barrels of 180-220 l

Polyurethane seals

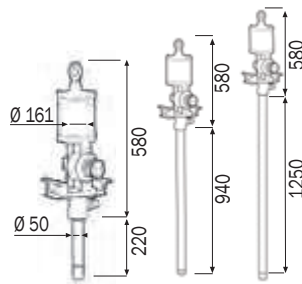
### Art. 021-1214-125

Double-acting air-operated industrial oil pump ratio=14:1

Mod. 1214 flanged

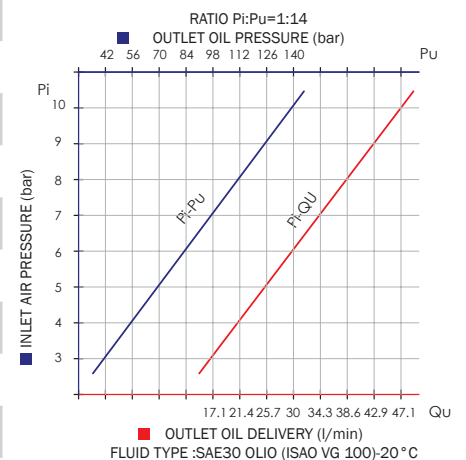
For tanks of 750-1500 l

Polyurethane seals



Art. No.	Weight (Kg)	Volume (m <sup>3</sup> )	Flow (l/min)
021-1214-000	15,000	0,040	1
021-1214-094	17,000	0,070	1
021-1214-125	18,000	0,090	1

TECHNICAL DATA		021-1214-000	021-1214-094	021-1214-125
Compression ratio		14:1	14:1	14:1
Working pressure	bar	6-8	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /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 6 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 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 guarantee 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 advise to use filtered and lubricated air.



### Art. 021-1220-000

Double-acting air-operated industrial oil pump ratio=20:1  
Mod. 1220 flanged  
For wall-fixing or fixed positions.  
Polyurethane seals

### Art. 021-1220-094

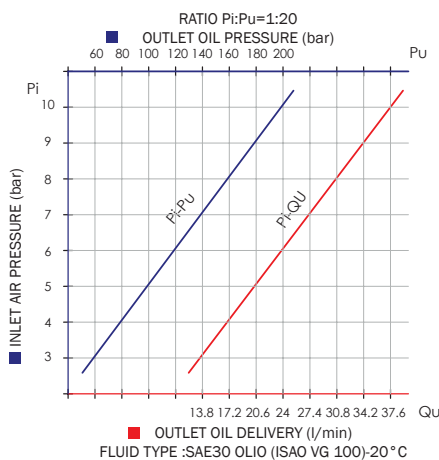
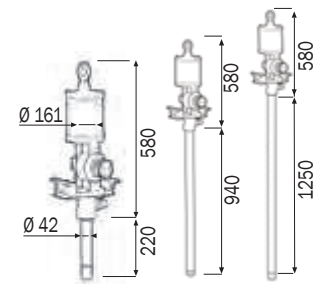
Double-acting air-operated industrial oil pump ratio=20:1  
Mod. 1220 flanged  
For barrels of 180-220 l  
Polyurethane seals

### Art. 021-1220-125

Double-acting air-operated industrial oil pump ratio=20:1  
Mod. 1220 flanged  
For tanks of 750-1500 l  
Polyurethane seals



Art.	Working pressure (bar)	Air consumption at 8 bar (m³/min)	Delivery capacity at 6 bar (l/min)
021-1220-000	14,000	0,040	1
021-1220-094	16,000	0,070	1
021-1220-125	17,000	0,090	1



TECHNICAL DATA	021-1220-000	021-1220-094	021-1220-125
Compression ratio	20:1	20:1	20:1
Working pressure	bar	6-8	6-8
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	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	24	24
Noise	dB	80	80
Shank diameter	mm	42	42
Shank length	mm	Modular F 1"	940
For drums	l	-	180-220
			750-1500

These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances. Suitable for the transfer of medium-high viscosity grease. 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 guarantee 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 advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL BREAK PUMPS FOR OIL AND CHEMICAL PRODUCTS



## Art. 021-0905-DT0

Double-acting air-operated industrial pump for oil and chemical products ratio=5:1

Delivery capacity 45 l/min

Mod. 905D break

For wall-fixing or fixed positions.

Teflon seals

## Art. 021-0908-DT0

Double-acting air-operated industrial pump for oil and chemical products ratio=8:1

Delivery capacity 35 l/min

Mod. 908D break

For wall-fixing or fixed positions.

Teflon seals

## Art. 021-0912-DT0

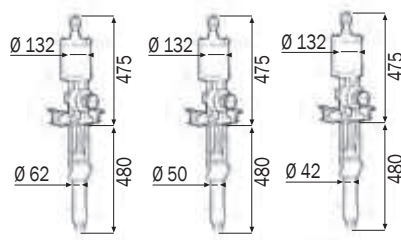
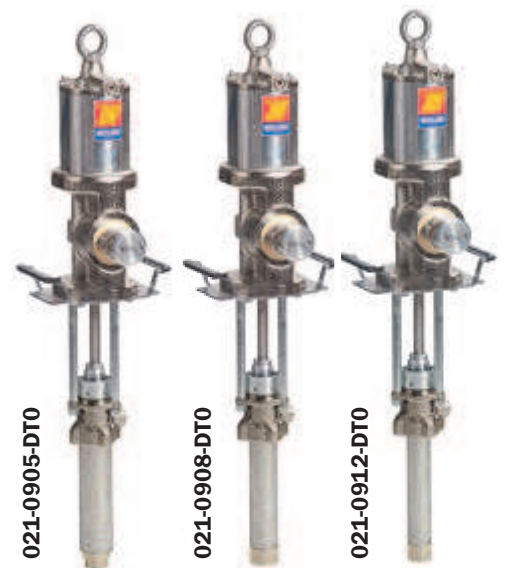
Double-acting air-operated industrial pump for oil and chemical products ratio=12:1

Delivery capacity 30 l/min

Mod. 912D break

For wall-fixing or fixed positions.

Teflon seals

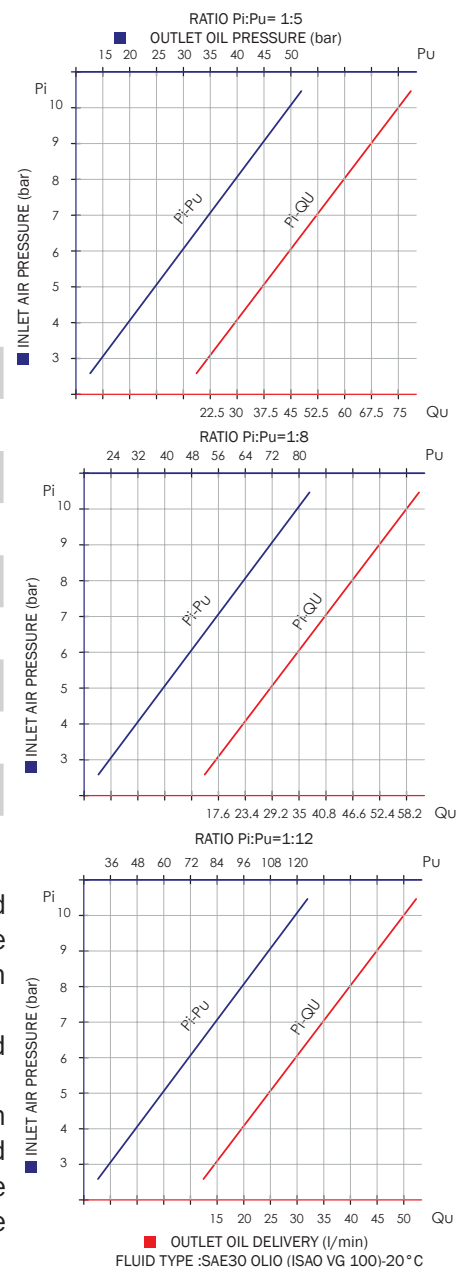


021-0905-DT0	17,000	0,045	1
021-0908-DT0	16,000	0,045	1
021-0912-DT0	15,500	0,045	1

TECHNICAL DATA		021-0905-DT0	021-0908-DT0	021-0912-DT0
Compression ratio		5:1	8:1	12:1
Working pressure	bar	6-8	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /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 6 bar	l/min	45	35	30
Noise	dB	80	80	80
Shank diameter	mm	62	50	42
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 enter directly in contact with device 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 guarantee 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 advise to use filtered and lubricated air.





## Art. 021-1210-DT0

Double-acting air-operated industrial pump for oil and chemical products ratio=10:1

Delivery capacity 45 l/min

Mod. 1208D break

For wall-fixing or fixed positions.

Teflon seals

## Art. 021-1214-DT0

Double-acting air-operated industrial pump for oil and chemical products ratio=14:1

Delivery capacity 30 l/min

Mod. 1214D break

For wall-fixing or fixed positions.

Teflon seals

## Art. 021-1220-DT0

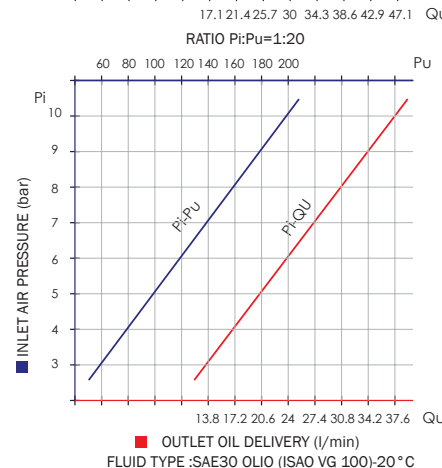
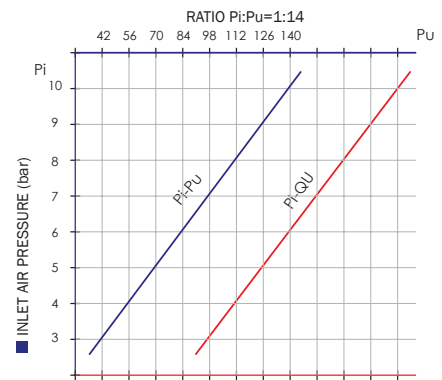
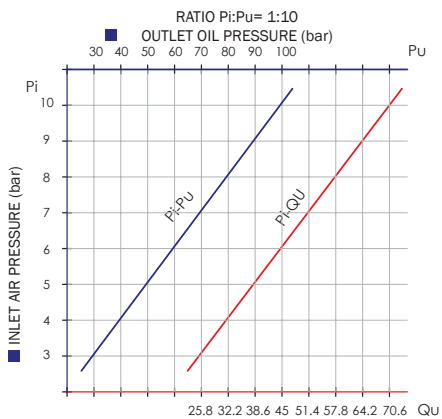
Double-acting air-operated industrial pump for oil and chemical products ratio=20:1





Delivery capacity 24 l/min

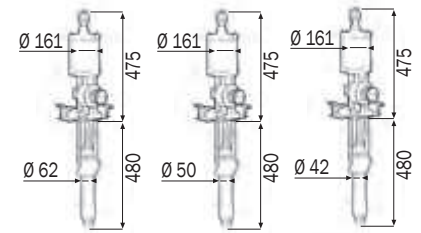
Mod. 1220D break

For wall-fixing or fixed positions.

Teflon seals



				
<b>021-1210-DT0</b>	18,000	0,045	1	
<b>021-1214-DT0</b>	17,000	0,045	1	
<b>021-1220-DT0</b>	16,500	0,045	1	



TECHNICAL DATA	021-1210-DT0	021-1214-DT0	021-1220-DT0
Compression ratio	10:1	14:1	20:1
Working pressure	bar	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	2,90	2,90
Air inlet connection	BSP	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	45	30
Noise	dB	80	80
Shank diameter	mm	62	50
Shank length	mm	Modular F 1"	Modular F 1"

Automatic engine body and shank kit are divided in order to avoid that the fluid enter directly in contact with device body. These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances, suitable for the transfer of industrial and chemical fluids. 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 guarantee 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 advise to use filtered and lubricated air.

# AIR-OPERATED INDUSTRIAL BREAK PUMPS FOR OIL AND CHEMICAL PRODUCTS Mod.902D HIGH DELIVERY BREAK

COMPRESSION RATIO = 2:1 DELIVERY CAPACITY = 95 l/min



## Art. 021-0902-DPO

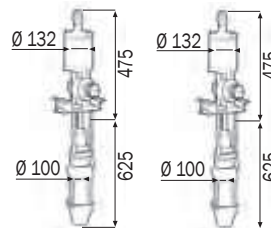
Double-acting air-operated industrial pump for oil, lubricants and similar HIGH DELIVERY ratio=2:1 Delivery capacity 95 l/min Mod. 0902D break

For wall-fixing or fixed positions.  
Polyurethane seals

## Art. 021-0902-DVO

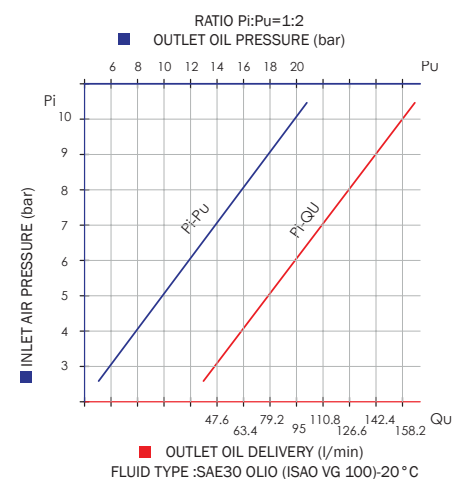
Double-acting air-operated industrial pump for industrial and chemical fluids HIGH DELIVERY ratio=2:1 Delivery capacity 95 l/min Mod. 0902D break

For wall-fixing or fixed positions.  
Viton seals



021-0902-DPO	47,000	0,050	1
021-0902-DVO	47,000	0,050	1

TECHNICAL DATA		021-0902-DPO	021-0902-DVO
Compression ratio		2:1	2:1
Working pressure	bar	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	1,75	1,75
Air inlet connection	BSP	F 1,1/2" G	F 1,1/2" G
Fluid outlet connection	BSP	F 1,1/2" G	F 1,1/2" G
Fluid delivery cap. at 6 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 enter directly in contact with device body.

These pumps are advised for the transfer of low-high viscosity oil and similar for medium-long distances, guarantee high performance as per delivery capacity (l/min) and also for working pressure, suitable for transfer of industrial and chemical fluids. The delivery capacity of a pump varies according to particular applications and combinations.

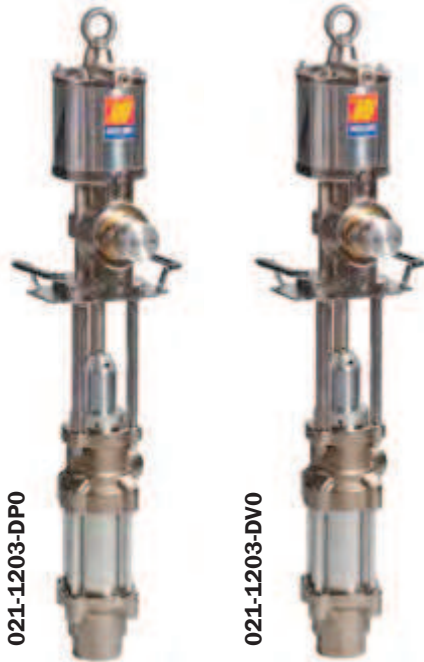
The operating pressure may vary between a minimum of 3 bar and a maximum of 8 bar.

To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.



# AIR-OPERATED INDUSTRIAL PUMPS FOR OIL AND CHEMICAL PRODUCTS Mod.1203D HIGH DELIVERY BREAK

**COMPRESSION RATIO = 3:1      DELIVERY CAPACITY = 100 l/min**

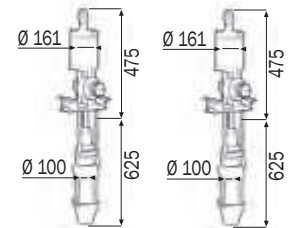


## Art. 021-1203-DP0

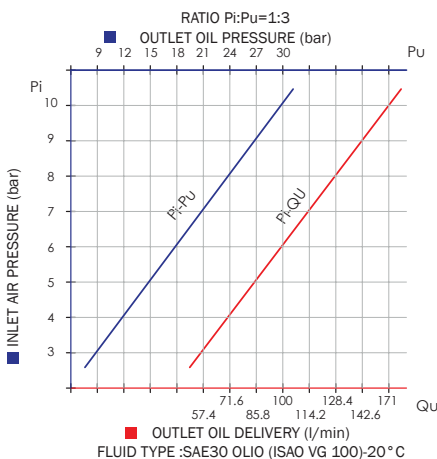
Double-acting air-operated industrial pump for oil, lubricants and similar HIGH DELIVERY ratio=3:1 Delivery capacity 100 l/min Mod. 1203D break For wall-fixing or fixed positions. Polyurethane seals

## Art. 021-1203-DV0

Double-acting air-operated industrial pump for industrial and chemical fluids HIGH DELIVERY ratio=3:1 Delivery capacity 100 l/min Mod. 1203D break For wall-fixing or fixed positions. Viton seals



<b>021-1203-DP0</b>	48,000	0,050	1
<b>021-1203-DV0</b>	48,000	0,050	1



TECHNICAL DATA	021-1203-DP0	021-1203-DV0
Compression ratio	3:1	3:1
Working pressure	bar	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	2,90
Air inlet connection	BSP	F 1/2" G
Fluid outlet connection	BSP	F 1,1/2" G
Fluid delivery cap. at 6 bar	l/min	100
Noise	dB	80
Shank diameter	mm	100
Shank length	mm	Modular F 2"

Automatic engine body and shank kit are divided in order to avoid that the fluid enter directly in contact with device body.

These pumps are advised for the transfer of low-high viscosity of and similar 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.

To optimize the performance and the time-life of the air-operated pumps advise to use filtered and lubricated air.

# FRAME LIFTER-PRESS TO FIT PUMPS FOR LUBRICANTS AND SIMILAR



## Art. 012-1200-030

Frame lifter and press equipped with follower plate for pumps with shank  $\varnothing$  30 mm

## Art. 012-1200-042

Frame lifter and press equipped with follower plate for pumps with shank  $\varnothing$  42 mm

## Art. 012-1200-050

Frame lifter and press equipped with follower plate for pumps with shank  $\varnothing$  50 mm

## Art. 012-1200-200

Frame lifter and press equipped with follower plate for pumps with shank F2" G



012-1200-045

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



012-1200-030	210,000	1,86	1
012-1200-042	210,000	1,86	1
012-1200-050	210,000	1,86	1
012-1200-200	210,000	1,86	1

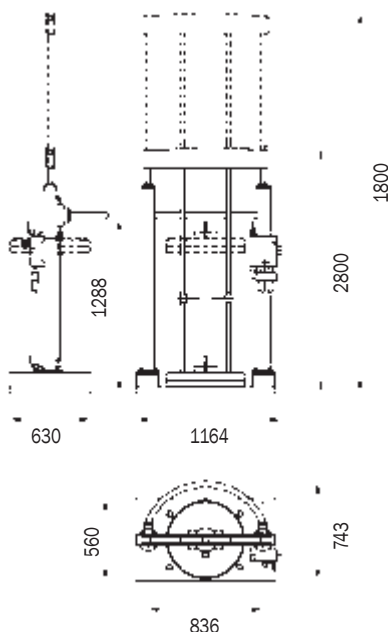
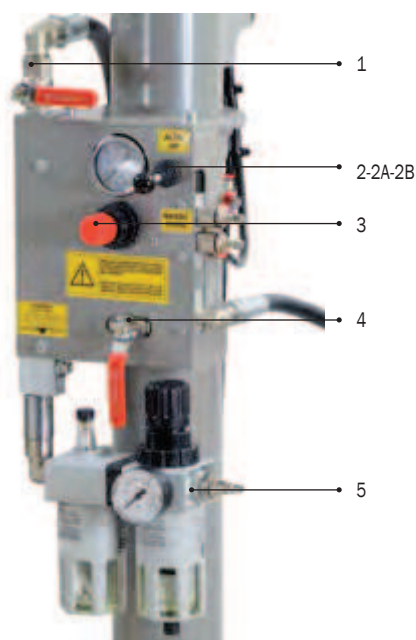
### Air operated two columns pumps lifter and press for lubricants and viscous medias

With its particular 3 ways control valve it lifts or pull down the pump and the follower plate, improving the exchanging effort of 180-220kg (400 lbs) barrels.

It is particularly advised for the use with high viscosity lubricants and medias (from 200CPS to 500CPS).

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 product from the inner walls down to the bottom of the drum, Pump suction is assisted



- 1 Cock feeding pump air
- 2 Off position
- 2A Lifting position up pump and follower plate
- 2B Acting position down press-fluid

- 3 Pressure regulator with manometer for feeding lifter air
- 4 Cock feeding air lifter follower plate
- 5 Inlet feeding general air into filter end lubricator



## COMPLETE KIT PUMP FRAME LIFTER-PRESS FOR LUBRICANTS AND SIMILAR LOW AND HIGH VISCOSITY



022-1403-000

### Art. 022-1403-000

Kit pump frame lifter and press for lubricants for barrels 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-DPO Industrial air operated break pump **ratio=3:1**

Art.902-0302-010 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. 022-1408-000

Kit pump frame lifter and press for lubricants for barrels 180-220 kg  
Delivery 35 l/min

Composed by:

Art.012-1200-050 Pump frame lifter and press 2 columns + follower plate

Art.021-0908-094 Industrial air operated break pump **ratio=8:1**

Art.902-0302-010 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 barrels 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 Industrial air operated pump **ratio=14:1**

Art.902-0302-010 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. 022-1420-000

Kit pump frame lifter and press for lubricants for barrels 180-220 kg  
Delivery 24 l/min

Composed by:

Art.012-1200-042 Pump frame lifter and press 2 columns + follower plate

Art.021-1220-094 Industrial air operated pump **ratio=20:1**

Art.902-0302-010 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	258,000	1,92	2
022-1408-000	226,000	1,93	2
022-1414-000	227,000	1,93	2
022-1420-000	226,000	1,93	2



**Art. 022-1281-000**

Oil set 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 R1 1/2" M-F hose 3,0 m length

Art.024-1233-C00 Oil digital dispensing nozzle

**Art. 022-1281-A00**

Oil set 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 set 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

022-1281-000	10,630	0,034	2	
022-1281-A00	10,270	0,034	2	
022-1281-B00	8,500	0,034	2	



022-1281-000

**Art. 022-1288-000**

Oil set suitable for barrels of 180-220 l

Composed by:

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

Art.906-0404-030 R1 1/2" M-F hose 3,0 m length

Art.024-1233-C00 Oil digital dispensing nozzle

**Art. 022-1288-A00**

Oil set suitable for barrels 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 set suitable for barrels 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

022-1288-000	11,240	0,040	2	
022-1288-A00	10,910	0,040	2	
022-1288-B00	9,100	0,040	2	



022-1288-000

**Art. 022-1289-000**

Oil set suitable for barrels of 180-220 l

Composed by:

Art.020-1182-000 Air-operated oil pump ratio=5:1 35 l/min

Art.906-0505-030 R1 3/4" M-F hose 3,0 m length

Art.024-1235-A00 Oil digital dispensing nozzle

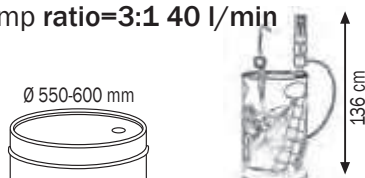
**Art. 022-1289-A00**

Oil set suitable for barrels 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

022-1289-000	15,700	0,044	2	
022-1289-A00	15,650	0,044	2	



022-1289-000



022-1280-000

### Art. 022-1280-000

Wheeled oil set 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 R1 1/2" M-F hose 3,0 m length

Art.024-1232-C00 Oil dispensing nozzle

### Art. 022-1282-000

Wheeled oil set 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 set suitable for drums of 50-60 l

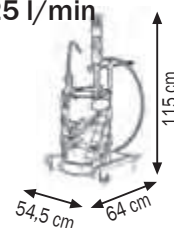
Composed like Art.022-1280-000 but with:

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



022-1280-000	22,920	0,085	2
022-1282-000	22,560	0,085	2
022-1282-B00	20,760	0,085	2

Ø 370-420 mm



022-1283-000

### Art. 022-1283-000

Wheeled oil set 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 R1 1/2" M-F hose 3,0 m length

Art.024-1233-C00 Oil digital dispensing nozzle

### Art. 022-1284-000

Wheeled oil set 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 set suitable for drums of 50-60 l

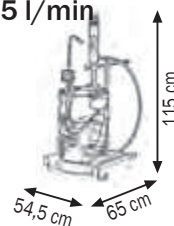
Composed like Art.022-1283-000 but with:

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



022-1283-000	24,210	0,085	2
022-1284-000	23,850	0,085	2
022-1284-B00	22,000	0,085	2

Ø 370-420 mm



022-1285-000

### Art. 022-1285-000

Wheeled oil set suitable for barrels 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 R1 1/2" M-F hose 3,0 m length

Art.024-1232-C00 Oil dispensing nozzle

### Art. 022-1287-000

Wheeled oil set suitable for barrels of 180-220 l

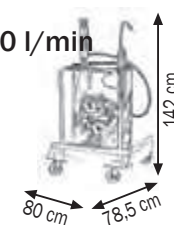
Composed like Art.022-1285-000 but with:

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



022-1285-000	46,980	0,186	2
022-1287-000	46,590	0,186	2

Ø 550-600 mm



## Art. 022-1290-000

Wheeled oil set suitable for barrels 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 R1 1/2" M-F hose 3,0 m length

Art.024-1233-C00 Oil digital dispensing nozzle

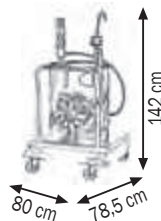
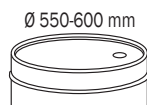
## Art. 022-1292-000

Wheeled oil set suitable for barrels 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

022-1290-000	48,940	0,186	2
022-1292-000	48,610	0,186	2



022-1290-000

## Art. 022-1293-000

Wheeled oil set suitable for barrels 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 R1 1/2" M-F hose 3,0 m length

Art.024-1233-C00 Oil digital dispensing nozzle

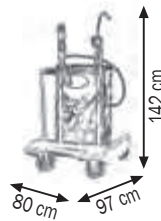
## Art. 022-1294-000

Wheeled oil set suitable for barrels 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

022-1293-000	59,830	0,186	2
022-1294-000	59,500	0,186	2



022-1293-000

## Art. 022-1295-000

Wheeled oil set suitable for barrels 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 R1 1/2" F-F hose 1,5 m length

Art.070-1206-410 Hose reel with R1 1/2" hose 10,0 m length

Art.024-1233-C00 Oil digital dispensing nozzle

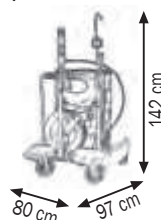
## Art. 022-1297-000

Wheeled oil set suitable for barrels 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

022-1295-000	76,120	0,226	3
022-1297-000	75,790	0,226	3



022-1295-000



**022-1298-A00**

## Art. 022-1298-A00

Wheeled oil set suitable for barrels 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 R1 1/2" M-F hose 3,0 m length

Art.024-1232-C00 Oil dispensing nozzle

## Art. 022-1298-B00

Wheeled oil set suitable for barrels of 180-220 l

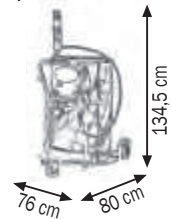
Composed like Art.022-1298-A00 but with:

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



Ø 550-600 mm

<b>022-1298-A00</b>	32,500	0,186	2
<b>022-1298-B00</b>	32,180	0,186	2



**022-1298-C00**

## Art. 022-1298-C00

Wheeled oil set suitable for barrels 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 R1 1/2" M-F hose 3,0 m length

Art.024-1233-C00 Oil digital dispensing nozzle

## Art. 022-1298-D00

Wheeled oil set suitable for barrels of 180-220 l

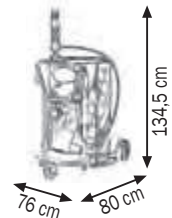
Composed like Art.022-1298-C00 but with:

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



Ø 550-600 mm

<b>022-1298-C00</b>	33,200	0,186	2
<b>022-1298-D00</b>	32,880	0,186	2



**022-1298-E00**

## Art. 022-1298-E00

Wheeled oil set suitable for barrels 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 R1 1/2" F-F hose 1,5 m length

Art.070-1206-410 Hose reel with R1 1/2" hose 10,0 m length

Art.024-1233-C00 Oil digital dispensing nozzle

## Art. 022-1298-F00

Wheeled oil set suitable for barrels of 180-220 l

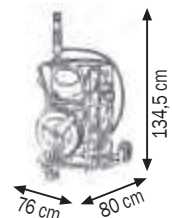
Composed like Art.022-1298-E00 but with:

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



Ø 550-600 mm

<b>022-1298-E00</b>	49,500	0,226	3
<b>022-1298-F00</b>	49,180	0,226	3



## Art. 022-1299-A00

Wheeled oil set suitable for barrels 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 R1 1/2" M-F hose 3,0 m length





Art.024-1232-C00 Oil dispensing nozzle

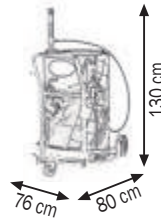
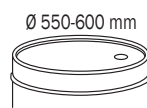
## Art. 022-1299-B00

Wheeled oil set suitable for barrels 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

			
022-1299-A00	30,150	0,186	2
022-1299-B00	31,600	0,186	2



022-1299-A00

## Art. 022-1299-C00

Wheeled oil set suitable for barrels 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 R1 1/2" M-F hose 3,0 m length





Art.024-1233-C00 Oil digital dispensing nozzle

## Art. 022-1299-D00

Wheeled oil set suitable for barrels 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

			
022-1299-C00	30,850	0,186	2
022-1299-D00	32,300	0,186	2



022-1299-C00

## Art. 022-1299-E00

Wheeled oil set suitable for barrels 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 R1 1/2" F-F hose 1,5 m length

Art.070-1206-310 Hose reel with R1 3/8" M-F 1/2" hose 10,0 m length





Art.024-1233-C00 Oil digital dispensing nozzle

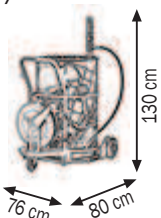
## Art. 022-1299-F00

Wheeled oil set suitable for barrels 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

			
022-1299-E00	47,150	0,226	3
022-1299-F00	48,600	0,226	3



022-1299-E00

## Art. 022-1212-000

Wall-fixing oil set for barrels of 180-220 l

Composed by:

Art.020-1168-000 Air-operated oil pump **ratio=1:1 40 l/min**

Art.025-1265-000 Wall-fixing bracket

Art.025-1268-000 920 mm Ø 42 mm shank

Art.025-1262-000 Ø 42 mm threaded ring

Art.910-0600-020 Flexible hose Ø 25 2,0 m length



022-1212-000

## Art. 022-1212-A00

Wall-fixing oil set for barrels of 180-220 l

Composed by:

Art.020-0978-000 Air-operated oil pump **ratio=1:1 35 l/min**

Art.025-1265-000 Wall-fixing bracket

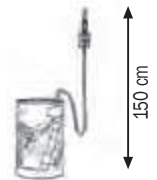
Art.025-1268-000 920 mm Ø 42 mm shank

Art.025-1262-000 Ø 42 mm threaded ring

Art.910-0600-020 Flexible hose Ø 25 2,0 m length



Ø 550-600 mm



022-1212-000	10,970	0,031	1
022-1212-A00	9,550	0,031	1

## Art. 022-1213-000

Wall-fixing oil set for barrels 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.025-1268-000 920 mm Ø 42 mm shank

Art.025-1262-000 Ø 42 mm threaded ring

Art.910-0600-020 Flexible hose Ø 25 2,0 m length



022-1213-000

## Art. 022-1213-A00

Wall-fixing oil set for barrels 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

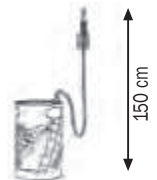
Art.025-1268-000 920 mm Ø 42 mm shank

Art.025-1262-000 Ø 42 mm threaded ring

Art.910-0600-020 Flexible hose Ø 25 2,0 m length



Ø 550-600 mm



022-1213-000	11,500	0,031	1
022-1213-A00	9,700	0,031	1

## Art. 022-1214-000

Wall-fixing oil set HIGH DELIVERY for drums and tanks 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 1,25 m length shank

Art.025-1262-000 Ø 42 mm threaded ring

Art.910-0600-020 Flexible hose Ø 25 2,0 m length



022-1214-000

## Art. 022-1215-000

Wall-fixing oil set for barrels 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.025-1268-000 920 mm Ø 42 mm shank

Art.025-1262-000 Ø 42 mm threaded ring

Art.910-0600-020 Flexible hose Ø 25 2,0 m length



022-1215-000

## Art. 022-1216-000

Wall-fixing oil set for drums and tanks 1.000 l

Composed by:

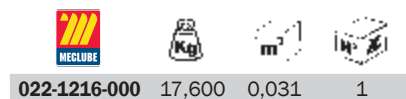
Art.020-1180-000 Double-acting air-operated oil pump ratio=5:1 35 l/min

Art.025-1265-000 Wall-fixing bracket

Art.025-1268-125 Ø 42 1,25 m length shank

Art.025-1262-000 Ø 42 mm threaded ring

Art.910-0600-020 Flexible hose Ø 25 2,0 m length



022-1216-000

## Art. 022-1218-000

Wall-fixing oil set for barrels of 180-220 l

Composed by:

Art.020-1207-000 Double-acting air-operated oil pump ratio=8:1 20 l/min

Art.025-1265-000 Wall-fixing bracket

Art.025-1268-000 920 mm Ø 42 mm shank

Art.025-1262-000 Ø 42 mm threaded ring

Art.910-0600-020 Flexible hose Ø 25 2,0 m length



022-1218-000



**022-1300-000**

## Art. 022-1300-000

Wall-fixing oil set for barrels of 180–220 l

Composed by:

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

Art.071-1206-410 Swiveling hose reel with R1 1/2" hose 10,0 m length

Art.906-0424-015 R1 1/2" F-F hose 1,5 m length

Art.024-1233-C00 Oil digital dispensing nozzle

Art.024-1785-000 Support for picking up drops

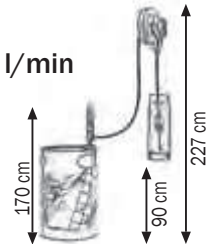
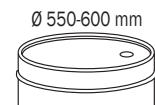
## Art. 022-1301-000

Wall-fixing oil set for barrels of 180–220 l

Composed like Art.022-1300-000 but with:

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

			
<b>022-1300-000</b>	32,300	0,086	3
<b>022-1301-000</b>	31,980	0,086	3



## Art. 022-1302-000

Wall-fixing oil set for barrels of 180–220 l

Composed by:

Art.022-1215-000 Air-operated oil pump set **ratio=5:1 28 l/min**

Art.071-1206-410 Swiveling hose reel with R1 1/2" hose 10,0 m length

Art.906-0424-006 R1 1/2" F-F hose 0,6 m length

Art.024-1233-C00 Oil digital dispensing nozzle

Art.024-1785-000 Support for picking up drops

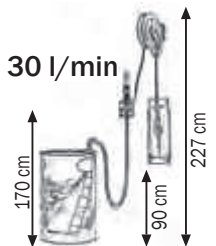
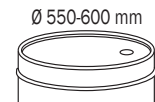
## Art. 022-1303-000

Wall-fixing oil set for barrels of 180–220 l

Composed like Art.022-1302-000 but with:

Art.022-1213-000 Air-operated oil pump set **ratio=3:1 30 l/min**

			
<b>022-1302-000</b>	36,020	0,101	3
<b>022-1303-000</b>	35,730	0,101	3



**022-1302-000**

## Art. 022-1299-000

Wall-fixing oil set for barrels of 180–220 l

Or tanks 750–1500 l

Composed by:

Art.022-1214-000 Air-operated oil pump set **ratio=3:1 40 l/min**

Art.071-1506-515 Swiveling hose reel with R1 3/4" hose 15,0 m length

Art.906-0535-080 R1 3/4" hose 0,8 m length

Art.024-1235-A00 Oil digital nozzle

Art.024-1785-000 Support for picking up drops

## Art. 022-1299-G00

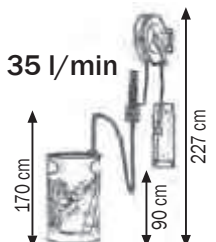
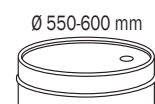
Wall-fixing oil set for barrels of 180–220 l

Or tanks 750–1500 l

Composed like Art.022-1299-000 but with:

Art.022-1216-000 Air-operated oil pump set **ratio=5:1 35 l/min**

			
<b>022-1299-000</b>	56,600	0,206	4
<b>022-1299-G00</b>	56,760	0,206	4



**022-1299-000**



## Art. 022-1880-000

Wall-fixing oil set for tanks 1000 l

Composed by:

- Art.020-1198-000 Air-operated oil pump **ratio=5:1 28 l/min**
- Art.025-1265-000 Wall-fixing bracket
- Art.906-0424-006 R1 1/2" F-F hose 0,6 m length
- Art.902-0202-020 Hose 8x13 1/4" M-F 2,0 m length
- Art.910-0600-020 Flexible hose Ø 25 2,0 m length
- Art.025-1268-125 Ø 42 1,25 m length shank
- Art.025-1262-000 Ø 42 mm threaded ring
- Art.F96-0100-404 Nipple 1/2" M-1/2" M
- Art.014-1048-000 Regulator with filter and air lubricator 1/4"
- Art.025-1267-000 Fixing tank bracket

## Art. 022-1882-000

Wall-fixing oil set for tanks 1000 l

Composed like Art.022-1880-000 but with:

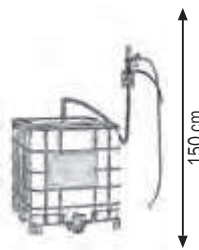
- Art.020-1188-000 Air-operated oil pump **ratio=3:1 30 l/min**



**022-1880-000**

The tank is not included in the oil set

Art.	Price	Weight (Kg)	Volume (m³)	Quantity
022-1880-000	14,000	0,031	1	1
022-1882-000	13,700	0,031	1	1



## Art. 022-1884-000

Wall-fixing oil set for tanks 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.906-0525-006 R1 3/4" F-F hose 0,6 m length
- Art.902-0404-020 Hose 13x19 1/2" M-F 2,0 m length
- Art.910-0600-020 Flexible hose Ø 25 2,0 m length
- Art.025-1268-125 Ø 42 1,25 m length shank
- Art.025-1262-000 Ø 42 mm threaded ring
- Art.F96-0100-505 Nipple 3/4" M - 3/4" M
- Art.014-1048-B00 Regulator with filter and air lubricator 1/2"
- Art.025-1267-000 Fixing tank bracket

## Art. 022-1886-000

Wall-fixing oil set for 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 set

Art.	Price	Weight (Kg)	Volume (m³)	Quantity
022-1884-000	20,800	0,031	1	1
022-1886-000	20,640	0,031	1	1



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



**022-1888-000**

The tank is not included in the oil set

## Art. 022-1888-000

Oil set tank 1000 l

Composed by:

Art.020-1206-000 Air-operated oil pump **ratio=5:1 28 l/min**

Art.906-0424-020 Hose R1 1/2" F-F 2,0 m length

Art.902-0202-020 Hose 8x13 1/4 M-F 2,0 m length

Art.F96-0100-404 Nipple 1/2" M-1/2" M

Art.014-1048-000 Regulator with filter and air lubricator 1/4"

Art.025-1267-000 Fixing tank bracket

## Art. 022-1890-000

Oil set tank 1000 l

Composed like Art.022-1888-000 but with:

Art.020-1196-000 Air-operated oil pump **ratio=3:1 30 l/min**



<b>022-1888-000</b>	21,500	0,042	2
<b>022-1890-000</b>	21,000	0,042	2

## Art. 022-1892-000

Oil set tank 1000 l

Composed by:

Art.020-1183-000 Air-operated oil pump **ratio=5:1 35 l/min**

Art.906-0525-020 Hose R1 3/4" F-F 2,0 m length

Art.902-0404-020 Hose 13x19 1/2" M-F 2,0 m length

Art.F96-0100-505 Nipple 3/4" M-3/4" M

Art.014-1048-B00 Regulator with filter and air lubricator 1/2"

Art.025-1267-000 Fixing tank bracket



**022-1892-000**

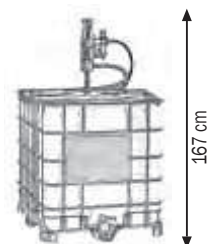
The tank is not included in the oil set

## Art. 022-1894-000

Oil set tank 1000 l

Composed like Art.022-1892-000 but with:

Art.020-1179-000 Air-operated oil pump **ratio=3:1 40 l/min**



<b>022-1892-000</b>	27,600	0,051	2
<b>022-1894-000</b>	27,500	0,051	2

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

## Art. 022-1895-000

### Oil set for tank 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 Hose R1 1/2" F-F 0,8 m length
- Art.902-0202-020 Hose 8x13 1/4" M-F 2,0 m length
- Art.070-1206-410 Hose reel 1/2" 10,0 m length
- Art.024-1233-C00 Oil digital nozzle
- Art.024-1785-000 Picking up drops support
- Art.025-1267-000 Fixing tank bracket
- Art.025-1267-B00 Fixing bracket for picking up drops



**022-1895-000**

The tank is not included in the oil set

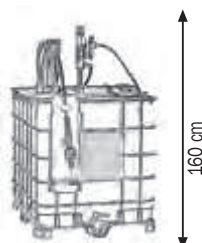
## Art. 022-1896-000

### Oil set for tank 1000 l

Composed like Art.022-1895-000 but with:

- Art.020-1196-000 Air-operated oil pump **ratio=3:1 30 l/min**

Art. No.	Weight (Kg)	Volume (m <sup>3</sup> )	Quantity
022-1895-000	48,450	0,120	4
022-1896-000	47,900	0,120	4



## Art. 022-1898-000

### Oil set for tank 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 Hose R1 1/2" F-F 1,5 m length
- Art.902-0404-020 Hose 13x19 1/2" M-F 2,0 m length
- Art.074-4506-410 Hose reel 1/2" 10,0 m length
- Art.024-1233-C00 Oil digital nozzle
- Art.024-1785-000 Picking up drops support
- Art.025-1267-000 Fixing tank bracket
- Art.025-1267-B00 Fixing bracket for picking up drops



**022-1898-000**

The tank is not included in the oil set

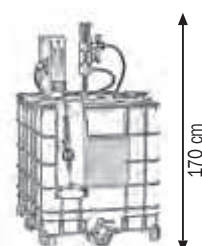
## Art. 022-1899-000

### Oil set for tank 1000 l

Composed like Art.022-1898-000 but with:

- Art.020-1179-000 Air-operated oil pump **ratio=3:1 40 l/min**

Art. No.	Weight (Kg)	Volume (m <sup>3</sup> )	Quantity
022-1898-000	64,900	0,130	4
022-1899-000	64,800	0,130	4



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



**023-1905-000**

**Art. 023-1905-000**

Tank of dump and stocking for 1 barrel of 180-220 l



**023-1910-000**

**Art. 023-1910-000**

Tank of dump and stocking for 2 barrels of 180-220 l



**023-1914-000**

**Art. 023-1914-000**

Tank of dump and stocking for 4 barrels of 180-220 l



**023-1915-000**

**Art. 023-1915-000**

Tank of dump and stocking for 1 tank of 1000 l

**Art.023-1920-000**

Horizontal support to store 1 barrel of 180-220 l

**Art. 023-1921-000**

Horizontal support to store 2 barrels of 180-220 l

**Art. 023-1922-000**

Horizontal support to store 3 drums of 50-60 l



**023-1920-000**



**023-1921-000**



**023-1922-000**



Art.	Weight (kg)	Volume (m <sup>3</sup> )	Quantity
023-1905-000	62,900	0,270	1
023-1910-000	78,300	0,363	1
023-1914-000	119,000	0,573	1
023-1915-000	182,500	1,422	1
023-1920-000	16,000	0,145	1
023-1921-000	26,500	0,283	1
023-1922-000	26,720	0,283	1

Technical data		023-1905-000	023-1910-000	023-1914-000	023-1915-000
Stocking capacity	n°	1 barrel 180/220 l	2 barrels 180/220 l	4 barrels 180/220 l	1 cistern da 1000 l
Dimensions	mm	1000x850 H 300	1350x850 H 300	1350x1350 H 300	1650x1350 H 620

Technical data		023-1920-000	023-1921-000	023-1922-000
Stocking capacity	n°	1 barrel 180/220 l	2 barrels 180/220 l	3 drums 50/60 l
Dimensions	mm	600x600 H 380	1180x600 H 380	1180x600 H 380

This steel tank is suitable for the storage of metal drums of lubricants and simply transportable with fork truck or trans pallet. The tank is 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.

## Art. 023-1925-000

Tank of dump complete with supporting structure for 1 position

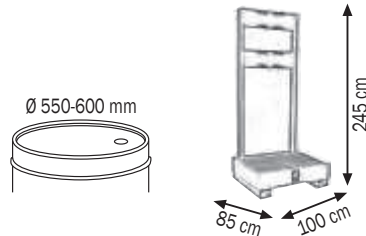
Composed by:

Art.023-1905-S00 Tank of dump for 1 barrel 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

			
023-1925-000	92,800	0,304	2



023-1925-000

## Art. 023-1930-000

Tank of dump complete with supporting structure for 2 positions

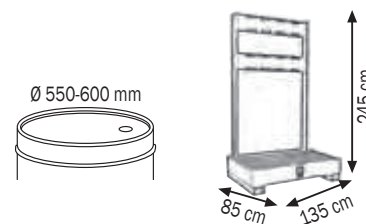
Composed by:

Art.023-1910-S00 Tank of dump for 2 barrels 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

			
023-1930-000	112,700	0,405	2



023-1930-000

This steel tank is suitable for the storage of metal drums of lubricants and simply transportable with fork truck or trans pallet. The tank is 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 tank 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 1 position for barrels 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 R1 1/2" F-F hose 10,0 m length

Art.906-0424-015 R1 1/2 " F-F hose 1500 mm length





Art.024-1233-C00 Oil digital dispensing nozzle

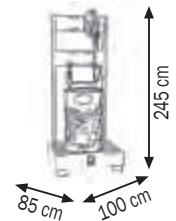
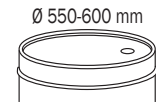
## Art. 023-1937-000

**Complete installation 1 position for barrels 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**

				
<b>023-1935-000</b>	121,250	0,387	5	
<b>023-1937-000</b>	121,850	0,387	5	



## Art. 023-1940-000

**Complete installation 1 position for barrels 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 R1 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 R1 1/2" F-F 90° hose 800 mm length

Art.024-1233-C00 Oil digital dispensing nozzle







**023-1940-000**

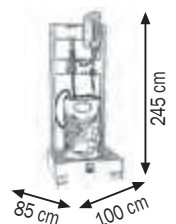
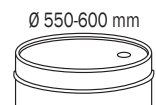
## Art. 023-1942-000

**Complete installation 1 position for barrels 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**

				
<b>023-1940-000</b>	134,250	0,414	5	
<b>023-1942-000</b>	134,750	0,414	5	



Fix 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 2 positions for barrels 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 R1 1/2" hose 10,0 m length
- Art.906-0424-015 n.2 R1 1/2" F-F hoses 1500 mm length
- Art.024-1233-C00 n.2 Oil digital dispensing nozzle

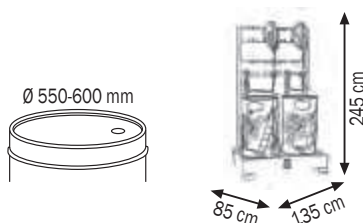
## Art. 023-1947-000

Complete installation 2 positions for barrels 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**

023-1945-000	169,000	0,553	7
023-1947-000	170,200	0,553	7



023-1945-000

## Art. 023-1950-000

Complete installation 2 positions for barrels 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 R1 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 R1 1/2" F-F 90° hose 800 mm length
- Art.024-1233-C00 n.2 Oil digital dispensing nozzles

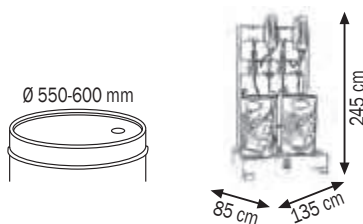
## Art. 023-1952-000

Complete installation 2 positions for barrels 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**

023-1950-000	195,600	0,607	7
023-1952-000	196,600	0,607	7



023-1950-000

Fix 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.



**023-1963-000**

The hose reels aren't included in the cabinet

## Art. 023-1963-000

Support cabinet for 4 hose reels

Composed by:

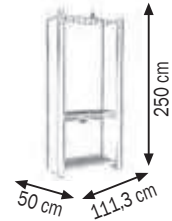
Basin with grate for picking up drops

Support with grate

Dimensions 1113X500 H.2500 mm



023-1963-000 192,000 0,930 1



**023-1964-000**

## Art. 023-1964-000

Support cabinet for 6 hose reels

Composed by:

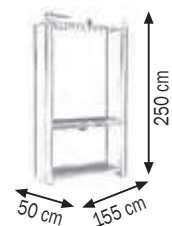
Basin with grate for picking up drops

Support with grate

Dimensions 1550X500 H.2500 mm



023-1964-000 215,000 0,930 1



These structures will be supplied only and exclusively in grey colour RAL 9007

Fixed cabinets 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.

This fixed cabinets can be connected to a centralized distribution system and became individual working station.



## Art. 023-1966-000

Frame cabinet for oil distribution  
Dimensions 1600X700 H 2500 mm

Composed by:

Tank of dump for 2 barrels of 180-220 L

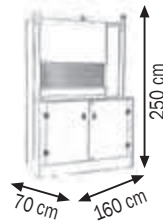
2 Doors with closure for drums

Flat of work 1600X700 mm

Panel for coupler Tools

Support cabinet for 4 hose reels

			
023-1966-000	316,000	1,170	2



023-1966-000

## Art. 023-1967-000

Complete installation oil distribution

2 positions for barrels 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

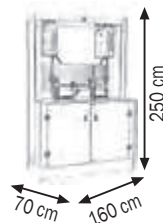
Art.906-0424-015 N.2 Hoses R1 1/2" 1,5 m length

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"

			
023-1967-000	392,000	2,970	7



023-1967-000

Frame cabinet for oil distribution able to provide an autonomous operating station.

Allow an optimal placing 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 support for 1 hose reel

It is predisposed of universal hole that allows the application of pump, hose reels and picking up drops







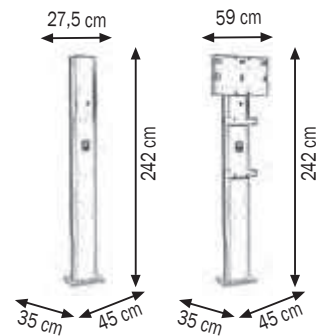
## Art. 023-1968-002

### Front-end service support for 2 hose reels

It is predisposed of universal hole that allows the application of hose reels and picking up drops



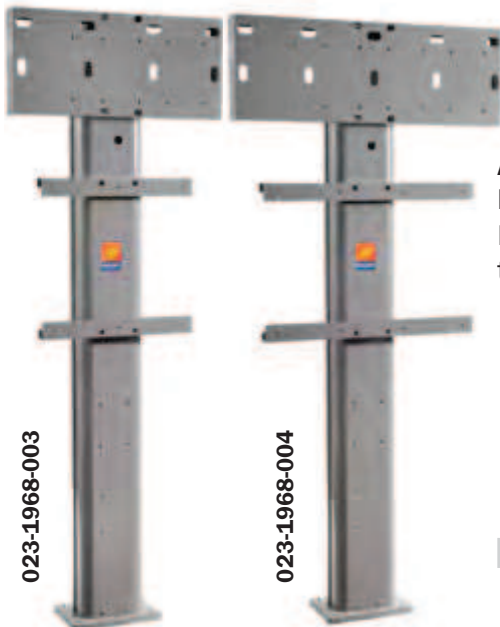
				
023-1968-001	54,000	0,290	1	
023-1968-002	62,900	0,290	1	



## 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 picking up drops







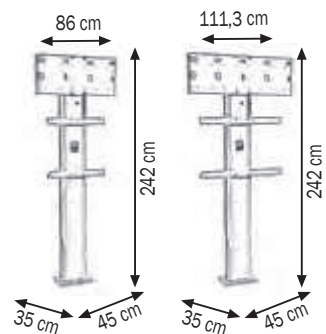
## Art. 023-1968-004

### Front-end service support for 4 hose reels

It is predisposed of hole that allows the application of hose reels and picking up drops



				
023-1968-003	66,200	0,290	1	
023-1968-004	69,500	0,290	1	



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 Hose reel fixed bracket with hose R1 1/2" 10,0 m length

Art.906-0424-006 Hose R1 1/2" F-F 600 mm length

Art.024-1233-C00 Oil digital dispensing nozzle

Art.024-1785-000 Picking up drops support



## Art. 023-1974-000

### Service support for oil distribution 2 position

Composed by:

Art.023-1970-000 n.1 Service support

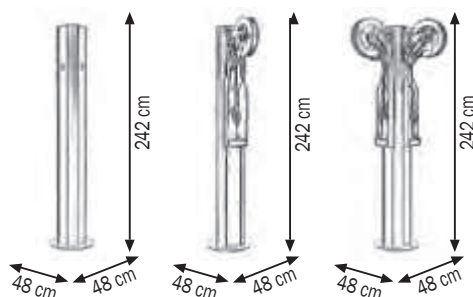
Art.070-1206-410 n.2 Hose reels fixed bracket with hose R1 1/2" 10,0 m length

Art.906-0424-006 n.2 Hoses R1 1/2" F-F 600 mm length

Art.024-1233-C00 n.2 Oil digital dispensing nozzles

Art.024-1785-000 n.2 Picking up drops supports

Art.	Weight (Kg)	Volume (m <sup>3</sup> )	Quantity
023-1970-000	77,000	0,560	1
023-1972-000	102,350	0,650	3
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.



024-1231-000

**Art. 024-1231-000**

Handle for oil dispensing nozzle equipped with:  
Swivel joint F 1/2"

Aluminum body



024-1231-A00

**Art. 024-1231-A00**

Oil dispensing nozzle equipped with:

Handle with F 1/2" swivel joint

Flexible end 90°

Manual drop valve Ø 12 mm



024-1231-B00

**Art. 024-1231-B00**

Oil dispensing nozzle equipped with:

Handle with F 1/2" swivel joint

Rigid end 90°

Manual drop valve Ø 12 mm



024-1231-C00

**Art. 024-1231-C00**

Oil dispensing nozzle equipped with:

Handle with F 1/2" swivel joint

Flexible end 90°

Automatic drop valve Ø 14 mm



024-1231-D00

**Art. 024-1231-D00**

Oil dispensing nozzle equipped with:

Handle with F 1/2" swivel joint

Rigid end 90°

Automatic drop valve Ø 14 mm



024-1232-000

**Art. 024-1232-000**

Handle for oil dispensing nozzle equipped with:

Swivel joint F 1/2"

Body in P.P. reinforced



024-1232-A00

**Art. 024-1232-A00**

Oil dispensing nozzle equipped with:

Handle with F 1/2" swivel joint

Flexible end 90°

Manual drop valve Ø 12 mm



024-1232-B00

**Art. 024-1232-B00**

Oil dispensing nozzle equipped with:

Handle with F 1/2" swivel joint

Rigid end 90°

Manual drop valve Ø 12 mm



024-1232-C00

**Art. 024-1232-C00**

Oil dispensing nozzle equipped with:

Handle with F 1/2" swivel joint

Flexible end 90°

Automatic drop valve Ø 14 mm



024-1232-D00

**Art. 024-1232-D00**

Oil dispensing nozzle equipped with:

Handle with F 1/2" swivel joint

Rigid end 90°

Automatic drop valve Ø 14 mm



024-1232-G00

**Art. 024-1232-G00**

Oil dispensing nozzle equipped with:

Handle with F 3/8" swivel joint

Rigid end 30°

Automatic drop valve Ø 14 mm

## Art. 024-1233-A00

Oil digital dispensing nozzle equipped with:  
 Oil digital flow meter (Art.024-1234-000)  
 Rubber protection  
 Handle with F 1/2" swivel joint  
**Flexible end 90°**  
 Manual drop valve Ø 12 mm



024-1233-A00

## Art. 024-1233-B00

Oil digital dispensing nozzle equipped with:  
 Oil digital flow meter (Art.024-1234-000)  
 Rubber protection  
 Handle with F 1/2" swivel joint  
**Rigid end 90°**  
 Manual drop valve Ø 12 mm



024-1233-B00

## Art. 024-1233-C00

Oil digital dispensing nozzle equipped with:  
 Oil digital flow meter (Art.024-1234-000)  
 Rubber protection  
 Handle with F 1/2" swivel joint  
**Flexible end 90°**  
 Automatic drop valve Ø 14 mm



024-1233-C00

## Art. 024-1233-D00

Oil digital dispensing nozzle equipped with:  
 Oil digital flow meter (Art.024-1234-000)  
 Rubber protection  
 Handle with F 1/2" swivel joint  
**Rigid end 90°**  
 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 (resettable) and one for total measures (not resettable) of the dispensed fluid



024-1234-000

Technical Data	023-1234-000
Inlet/outlet connection	F 1/2" G
Pressure min/max	0,35 - 70 bar
Flow min/max	1 - 35 l/min
Temperature	-10 C° + 50 C°
Accuracy	+/- 0,5%
Lithium battery	2 x 1,5 V



**024-1243-A00**

### Art. 024-1243-A00

**RECALIBRATING oil digital nozzle** equipped with:  
 Oil digital flow meter (Art.024-1246-000)  
 Rubber protection  
 Handle with F 1/2" swivel joint  
**Flexible end 90°**  
 Manual drop valve Ø 12 mm



**024-1243-B00**

### Art. 024-1243-B00

**RECALIBRATING oil digital nozzle** equipped with:  
 Oil digital flow meter (Art.024-1246-000)  
 Rubber protection  
 Handle with F 1/2" swivel joint  
**Rigid end 90°**  
 Manual drop valve Ø 12 mm



**024-1243-C00**

### Art. 024-1243-C00

**RECALIBRATING oil digital nozzle** equipped with:  
 Oil digital flow meter (Art.024-1246-000)  
 Rubber protection  
 Handle with F 1/2" swivel joint  
**Flexible end 90°**  
 Automatic drop valve Ø 14 mm



**024-1243-D00**

### Art. 024-1243-D00

**RECALIBRATING oil digital nozzle** equipped with:  
 Oil digital flow meter (Art.024-1246-000)  
 Rubber protection  
 Handle with F 1/2" swivel joint  
**Rigid end 90°**  
 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 (resettable) and one for total measures (not-resettable) of the dispensed fluid

Technical Data	024-1246-000
Inlet/outlet connection	F 1/2" G
Pressure min/max	0,35 - 70 bar
Flow min/max	1 - 35 l/min
Temperature	-10 C° + 50 C°
Accuracy	+/- 0,5%
Lithium battery	1 x 3 V

# NOZZLES FOR MEASURING AND DISPENSING OF OIL AND SIMILAR HIGH DELIVERY



## Art. 024-1235-000

Oil nozzle high delivery equipped with:  
Handle with F 1" swivel joint  
Aluminum body  
**Rigid end**  
Manual drop valve high delivery



024-1235-000

## Art. 024-1235-A00

Oil digital nozzle high delivery equipped with:  
Oil digital flow meter (Art.024-1236-000)  
Rubber protection  
Handle with F 1" swivel joint  
**Flexible end**  
Manual drop valve high delivery



024-1235-A00

## Art. 024-1235-B00

Oil digital nozzle high delivery equipped with:  
Oil digital flow meter (Art.024-1236-000)  
Rubber protection  
Handle with F 1" swivel joint  
**Rigid end**  
Manual drop valve high delivery



024-1235-B00

## Art. 024-1235-E00

Oil digital nozzle high delivery equipped with:  
Oil digital flow meter (Art.024-1236-000)  
Rubber protection  
Handle with F 1" swivel joint  
**Rigid end**



024-1235-E00

## Art. 024-1236-000

Oil digital flow meter high delivery  
It is equipped with two displays, one for partial measures (resettable) to 5 digits and one for total measures (not resettable) to 8 digits of the dispensed fluid



024-1236-000

Technical Data	024-1236-000
Inlet/outlet connection	F 3/4" G
Pressure min/max	1 - 70 bar
Flow min/max	6 - 60 l/min
Temperature	-10 C° + 70 C°
Accuracy	+/- 0,5%
Lithium battery	2 x 1,5 V

The nozzle is equipped with a balanced valve that reduces trigger pressure and can be integrated with different ends to suit specific requirements. Electronic meter with oval gears for flow controlling and measuring of medium and high viscosity fluids. The oval gear measuring system provides extremely precise delivery together with low pressure loss.



## OIL DISPENSING DIGITAL NOZZLES WITH PRE-SELECTION



**024-1247-A00**

### Art. 024-1247-A00

Oil digital nozzle with PRESELECTION equipped with:  
Oil digital flow meter with pre-selection delivery  
Handle with F 1/2" swivel joint  
**Flexible end 90°**  
Manual drop valve Ø 12 mm



**024-1247-B00**

### Art. 024-1247-B00

Oil digital nozzle with PRESELECTION equipped with:  
Oil digital flow meter with pre-selection delivery  
Handle with F 1/2" swivel joint  
**Rigid end 90°**  
Manual drop valve Ø 12 mm



**024-1247-C00**

### Art. 024-1247-C00

Oil digital nozzle with PRESELECTION equipped with:  
Oil digital flow meter with pre-selection delivery  
Handle with F 1/2" swivel joint  
**Flexible end 90°**  
Automatic drop valve Ø 14 mm



**024-1247-D00**

### Art. 024-1247-D00

Oil digital nozzle with PRESELECTION equipped with:  
Oil digital flow meter with pre-selection delivery  
Handle with F 1/2" swivel joint  
**Rigid end 90°**  
Automatic drop valve Ø 14 mm



**024-1247-P00**

### Art. 024-1247-P00

Oil digital nozzle with PRESELECTION equipped with:  
Oil digital flow meter with pre-selection delivery  
Handle with F 1/2" swivel joint  
**Flexible end**  
Automatic drop valve Ø 14 mm

Technical Data	024-1247-A/B/C/D00	024-1247-P00
Inlet/outlet connection	F 1/2" G	F 1/2" G
Pressure min/max	0,35 - 70 bar	0,35 - 70 bar
Flow min/max	1 - 35 l/min	1 - 30 l/min
Temperature	-10 C° + 50 C°	-10 C° + 50 C°
Accuracy	+/- 0,5%	+/- 0,5%
Lithium battery	4 x 1,5 V	4 x 1,5 V

Oil dispensing gun with PRE-SELECTED 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.



# MECHANICAL NOZZLE FOR MEASURING AND DISPENSING OF OIL AND SIMILAR



## Art. 024-1249-A00

Oil mechanical nozzle equipped with:  
Oil mechanic flow meter (Art.024-1249-000)  
Handle with F 1/2" swivel joint  
**Flexible end 90°**  
Manual drop valve Ø 12 mm



024-1249-A00

## Art. 024-1249-B00

Oil mechanical nozzle equipped with:  
Oil mechanic flow meter (Art.024-1249-000)  
Handle with F 1/2" swivel joint  
**Rigid end 90°**  
Manual drop valve Ø 12 mm



024-1249-B00

## Art. 024-1249-C00

Oil mechanical nozzle equipped with:  
Oil mechanic flow meter (Art.024-1249-000)  
Handle with F 1/2" swivel joint  
**Flexible end 90°**  
Automatic drop valve Ø 14 mm



024-1249-C00

## Art. 024-1249-D00

Oil mechanical nozzle equipped with:  
Oil mechanic flow meter (Art.024-1249-000)  
Handle with F 1/2" swivel joint  
**Rigid end 90°**  
Automatic drop valve Ø 14 mm



024-1249-D00

## Art. 024-1249-000

Oil mechanical flow meter  
It is equipped 3 figures + 1 decimal.  
Display 6 figures resettable



024-1249-000

Technical Data	024-1249-000
Inlet/outlet connection	F 1/2" G
Pressure min/max	0,35 - 70 bar
Flow min/max	1 - 30 l/min
Accuracy	+/- 0,1%



**024-1232-H00**

### Art. 024-1232-H00

Water and anti-freeze dispensing nozzle equipped with:  
Handle with F 3/8" swivel joint  
Rigid end 30°



**024-1237-000**

### Art. 024-1237-000

Anti-freeze dispensing nozzle equipped with:  
Handle with F 1/2" swivel joint  
Flexible end 90°  
Manual drop valve Ø 12 mm



**024-1237-V00**

### Art. 024-1237-V00

Windscreen dispensing nozzle equipped with:  
Handle with F 1/2" swivel joint  
Rigid end 30° stainless steel



**024-1237-A00**

### Art. 024-1237-A00

Anti-freeze digital dispensing nozzle equipped with:  
Digital flow meter (Art.024-1238-000)  
Rubber protection  
Handle with F 1/2" swivel joint  
Flexible end 90°  
Manual drop valve Ø 12 mm



**024-1237-W00**

### Art. 024-1237-W00

Windscreen digital dispensing nozzle equipped with:  
Digital flow meter (Art.024-1238-000)  
Rubber protection  
Handle with F 1/2" swivel joint  
Rigid end 30° stainless steel



**024-1238-000**

### Art. 024-1238-000

Digital flow meter for anti-freeze and windscreen liquid  
It is equipped with two displays, one for partial measures (resettable) and one for total measures (not resettable) of the dispensed fluid

Technical Data	024-1238-000
Inlet/outlet connection	F 1/2" G
Pressure min/max	0,35 - 70 bar
Flow min/max	1 - 35 l/min
Temperature	-10 C° + 50 C°
Accuracy	+/- 0,5%
Lithium battery	2 x 1,5 V

# DIGITAL FLOW METER FOR MEASURING AND DISPENSING OF OIL AND SIMILAR



## Art. 024-1234-000

Oil digital flow meter

Delivery max 35 l/min

It is equipped with two displays, one for partial measures (resettable) and one for total measures (not resettable) of the dispensed fluid



024-1234-000

## Art. 024-1238-000

Digital flow meter for anti-freeze and windscreen liquid

Delivery max 35 l/min

It is equipped with two displays, one for partial measures (resettable) and one for total measures (not resettable) of the dispensed fluid



024-1238-000

## Art. 024-1246-000

RECALIBRATING oil digital flow meter

Delivery max 35 l/min

It is equipped with two displays, one for partial measures (resettable) and one for total measures (not-resettable) of the dispensed fluid



024-1246-000

## Art. 024-1251-000

Oil digital flow meter high delivery

Delivery max 60 l/min

It is equipped with two displays, one for partial measures (resettable) to 5 digits and one for total measures (not resettable) to 8 digits of the dispensed fluid



024-1251-000

## Art. 024-1252-000

Oil digital flow meter high delivery

Delivery max 150 l/min

It is equipped with two displays, one for partial measures (resettable) to 5 digits and one for total measures (not resettable) to 8 digits of the dispensed fluid



024-1252-000

Technical Data	024-1234-000	024-1238-000	024-1246-000	024-1251-000	024-1252-000
Inlet/outlet connection	F 1/2" G	F 1/2" G	F 1/2" G	F 3/4"-1"	1" 1/2"
Pressure min/max	0,35 - 70 bar	0,35 - 70 bar	0,35 - 70 bar	1 - 70 bar	1 - 20 bar
Flow min/max	1 - 35 l/m	1 - 35 l/m	1 - 35 l/m	6 - 60 l/m	15 - 150 l/m
Temperature	-10° + 70° C	-10° + 70° C	-10° + 50° C	-10° + 70° C	-10° + 70° C
Accuracy	+/- 0,5%	+/- 0,5%	+/- 0,5%	+/- 0,5%	+/- 0,5%
Lithium battery	2 x 1,5 V	2 x 1,5 V	1 x 3 V	2 x 1,5 V	2 x 1,5 V

The digital flow meters allow to show correctly the push-button delivery, equipped with two displays, one for partial measures resettable and one for total measures not resettable that underline the dispensed fluid. Suitable for different type of oils, low, medium or high viscosity.



024-1255-A00

**Art. 024-1255-A00**  
Flexible end 90°  
Manual drop valve Ø 12 mm



024-1255-B00

**Art. 024-1255-B00**  
Rigid end 90°  
Manual drop valve Ø 12 mm



024-1255-C00

**Art. 024-1255-C00**  
Flexible end 90°  
Automatic drop valve Ø 14 mm



024-1255-D00

**Art. 024-1255-D00**  
Rigid end 90°  
Automatic drop valve Ø 14 mm



024-1255-G00

**Art. 024-1255-G00**  
Flexible end high delivery  
Manual drop valve Ø 18 mm



024-1255-H00

**Art. 024-1255-H00**  
Rigid end high delivery  
Manual drop valve Ø 18 mm



024-1257-000

**Art. 024-1257-000**  
Manual drop valve Ø 12 mm  
with F 1/4" G inlet connection



024-1257-G00

**Art. 024-1257-G00**  
Manual drop valve Ø 18 mm  
with F 1/2" G inlet connection high delivery



024-1258-000

**Art. 024-1258-000**  
Automatic drop valve Ø 14 mm  
with F 1/4" G inlet connection



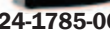
024-1259-004

**Art. 024-1259-004**  
M-F 1/2" G swiveling joint  
Furnished with filter



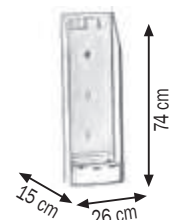
024-1259-005

**Art. 024-1259-005**  
M-F 3/4" G swiveling joint



024-1785-000

**Art. 024-1785-000**  
Support for picking up drops for oil nozzle  
Equipped with:  
Hook for stop oil nozzle  
Removable basin picking up drops



**Art. 025-1260-000**

Threaded ring Ø 30 mm for pumps fastening  
It connects to either the original drum or fixing bracket (Art.025-1265-000)



025-1260-000

**Art. 025-1262-000**

Threaded ring Ø 42 mm for pumps fastening  
It connects to either the original drum or fixing bracket (Art.025-1265-000)



025-1262-000

**Art. 025-1264-000**

Threaded ring Ø 50 mm for pumps fastening  
It connects to either the original drum or fixing bracket (Art.025-1265-000)



025-1264-000

**Art. 025-1265-000**

Painted steel wall fixing bracket  
For wall fixing pump Mod.500-600-800



025-1265-000

**Art. 025-1265-010**

Painted steel wall fixing bracket  
With rubber anti-vibration spacer  
For wall fixing industrial pump flanged and break



025-1265-010

**Art. 025-1266-000**

Wall fixing bracket  
for diaphragm pumps



025-1266-000

**Art. 025-1267-000**

Fixing tank bracket  
for pump-hose reel



025-1267-000

**Art. 025-1267-B00**

Fixing tank bracket set  
for picking up drops on the cistern



025-1267-B00



025-1268-094

### Art. 025-1268-094

#### Shank for wall-fixing pumps

Composed by:  
 Ø 42 mm hose 940 mm length  
 Ø 25 mm hose adaptor  
 Foot valve with filter



025-1269-094

### Art. 025-1268-125

#### Shank for wall-fixing pumps

Composed by:  
 Ø 42 mm hose 1250 mm length  
 Ø 25 mm hose adaptor  
 Foot valve with filter

### Art. 025-1269-094

#### STAINLESS STEEL shank hose for wall-fixing pumps

Composed by:  
 Ø 42 mm STAINLESS STEEL hose 940 mm length  
 Ø 25 mm stainless steel hose adaptor  
 Foot valve with filter



025-1270-094

### Art. 025-1269-125

#### STAINLESS STEEL shank hose for wall-fixing pumps

Composed by:  
 Ø 42 mm STAINLESS STEEL hose 1250 mm length  
 Ø 25 mm stainless steel hose adaptor  
 Foot valve with filter

### Art. 025-1270-094

#### Shank hose for wall-fixing pumps set

Composed by:  
 Art.025-1268-094 Ø 42 mm hose 940 mm length  
 Art.025-1262-000 Threaded ring for pumps fastening Ø 42 mm  
 Art.910-0600-020 Flex hose Ø 25 2,0 m length

### Art. 025-1270-125

#### Shank hose for wall-fixing pumps set

Composed by:  
 Art.025-1268-094 Ø 42 mm hose 1250 mm length  
 Art.025-1262-000 Threaded ring for pumps fastening Ø 42 mm  
 Art.910-0600-020 Flex hose Ø 25 2,0 m length



025-1271-094

### Art. 025-1271-094

#### STAINLESS STEEL shank hose for wall-fixing pumps set

Composed by:  
 Art.025-1269-094 Ø 42 mm STAINLESS STEEL hose 940 mm length  
 Art.025-1262-000 Threaded ring for pumps fastening Ø 42 mm  
 Art.911-0600-020 Flex blue hose Ø 25 2,0 m length

### Art. 025-1271-125

#### STAINLESS STEEL shank hose for wall-fixing pumps set

Composed by:  
 Art.025-1269-094 Ø 42 mm STAINLESS STEEL hose 1250 mm length  
 Art.025-1262-000 Threaded ring for pumps fastening Ø 42 mm  
 Art.911-0600-020 Flex blue hose Ø 25 2,0 m length

**Art. 025-1272-000**

First connection 1" G - M40X1,25

It connects the pump to the modular extensions



025-1272-000



025-1274-000

**Art. 025-1274-000**

Connection

Allow the connection between the modular extensions

**Art. 025-1275-025**

Ø 42 mm 250 mm length extension

**Art. 025-1275-050**

Ø 42 mm 500 mm length extension

**Art. 025-1275-092**

Ø 42 mm 912 mm length extension

**Art. 025-1275-122**

Ø 42 mm 1212 mm length extension



025-1275-025/050/092/122

**Art. 025-1276-000**

Oil shank end with filter Ø 42 mm



025-1276-000



025-1277-000

**Art. 025-1277-000**

Shank valve with air aspiration block

Thread 1" F to connect to the modular extensions

**Art. F96-0900-424**

Control valve overpressure system

Calibration 5-50 bar F-F 1/2"



F96-0900-424



F96-0900-525

**Art. F96-0900-525**

Control valve overpressure system

Calibration 5-50 bar F-F 3/4"

**Art. F94-0600-626**

Brass connection 90° F-F 1"



F94-0600-626



F94-1600-626

**Art. F94-1600-626**

STAINLESS STEEL connection 90° F-F 1"

**Art. F94-0540-625**

Brass connection fixed rubber M1" Ø 25 mm



F94-0540-625



F94-1540-625

**Art. F94-1540-625**

STAINLESS STEEL connection fixed rubber M1" Ø 25 mm



**F96-0500-004**

**Art. F96-0500-004**

Quick disconnect coupling female 1/2"

Interchangeability according to ISO 7241-A



**F96-0502-004**

**Art. F96-0502-004**

Quick disconnect coupling male 1/2"

Interchangeability according to ISO 7241-A



**F96-0500-005**

**Art. F96-0500-005**

Quick disconnect coupling female 3/4"

Interchangeability according to ISO 7241-A



**F96-0502-005**

**Art. F96-0502-005**

Quick disconnect coupling male 3/4"

Interchangeability according to ISO 7241-A



**F96-0100-404**

**Art. F96-0100-404**

Galvanized steel nipple M1/2"G x M1/2"G



**F96-0100-505**

**Art. F96-0100-505**

Galvanized steel nipple M3/4"G x M3/4"G



**F96-0100-606**

**Art. F96-0100-606**

Galvanized steel nipple M1"G x M1"G

**F96-0100-403**

**Art. F96-0100-403**

Galvanized steel nipple of reduction M1/2"G x M3/8"G



**F96-0100-504**

**Art. F96-0100-504**

Galvanized steel nipple of reduction M3/4"G x M1/2"G



**F96-0100-604**

**Art. F96-0100-604**

Galvanized steel nipple of reduction M1"G x M1/2"G



**F96-0100-605**

**Art. F96-0100-605**

Galvanized steel nipple of reduction M1"G x M3/4"G



**910-0600-020**

**Art. 910-0600-020**

Flexible shank hose 1" Ø 25 mm 2 m length

In black rubber spiral carbur 10 bar sleeve

For wall-fixing pumps



**911-0600-020**

**Art. 911-0600-020**

Flexible shank hose 1" Ø 25 mm 2 m length

In blue rubber spiral 10 bar sleeve

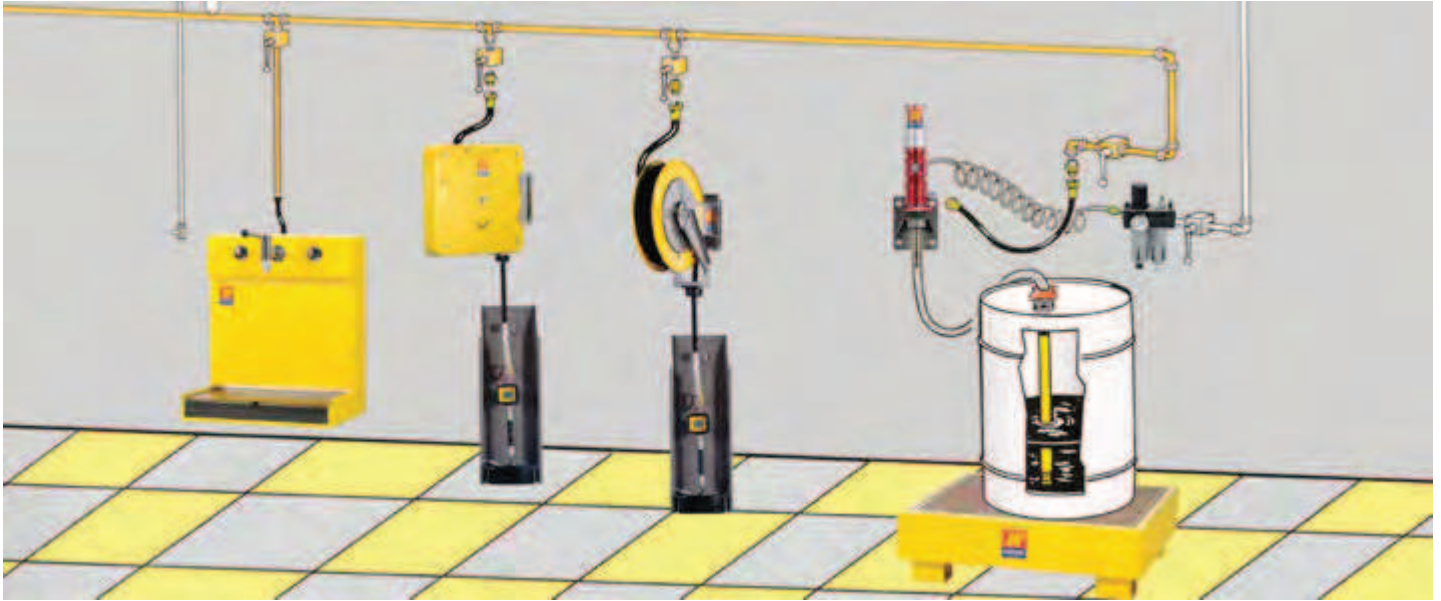
For wall-fixing pumps with STAINLESS STEEL shank



**Connection flexible hoses**

Article	Characteristics	Pressure	Burst	Length
<b>906-0424-015</b>	R1 1/2" F - F	W.P.160 bar	640 bar	1,5 m
<b>906-0424-020</b>	R1 1/2" F - F	W.P.160 bar	640 bar	2,0 m
<b>906-0404-030</b>	R1 1/2" M - F	W.P.160 bar	640 bar	3,0 m
<b>906-0404-040</b>	R1 1/2" M - F	W.P.160 bar	640 bar	4,0 m
<b>906-0404-050</b>	R1 1/2" M - F	W.P.160 bar	640 bar	5,0 m
<b>906-0404-060</b>	R1 1/2" M - F	W.P.160 bar	640 bar	6,0 m
<b>906-0404-075</b>	R1 1/2" M - F	W.P.160 bar	640 bar	7,5 m
<b>906-0404-080</b>	R1 1/2" M - F	W.P.160 bar	640 bar	8,0 m
<b>906-0404-100</b>	R1 1/2" M - F	W.P.160 bar	640 bar	10,0 m
<b>906-0525-010</b>	R1 3/4" F - F	W.P.105 bar	420 bar	1,0 m
<b>906-0525-020</b>	R1 3/4" F - F	W.P.105 bar	420 bar	2,0 m
<b>906-0505-030</b>	R1 3/4" M - F	W.P.105 bar	420 bar	3,0 m
<b>906-0626-010</b>	R1 1" F-F	W.P.88 bar	352 bar	1,0 m
<b>906-0626-020</b>	R1 1" F-F	W.P.88 bar	352 bar	2,0 m
<b>906-0606-030</b>	R1 1" M-F	W.P.88 bar	352 bar	3,0 m





In the installation plants for fluids distribution the choice of the hoses is not the only important thing. It's necessary to: connect the ball valve at the beginning of each line, in each deviation or delivery point (e.g. before the connection of the hose reels). Apply a bleed air system in the higher point of the line. Apply a filter at the beginning of the air line that feed the pump. It's necessary to pay attention on the choice of connections, shunting, curves and everything that can cause a narrowing, not to damage the working efficiency of the whole plant. Every line for the distribution of oil and similar and anti-freeze liquid should have hoses (in stainless steel, in rubber...) for high pressure at 60 bar, smooth, without welding and with connections that must have an inside diameter bigger than the hose in order to avoid contractions.

## LEADING OIL LINE

### Hoses dimension

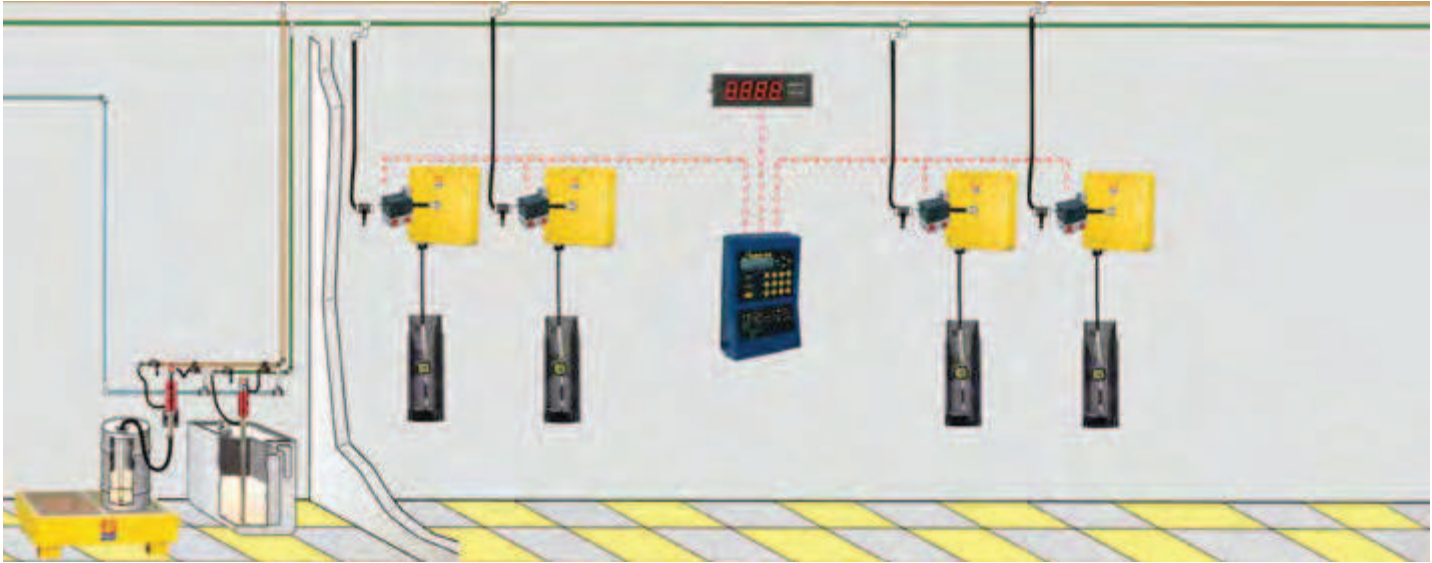
3/4" Ø inside 19 mm

1" Ø inside 25 mm

1.1/4" Ø inside 30 mm

## FALL

3/4" Ø inside 19 mm



026-1980-000

### Art. 026-1980-000

#### Oil management system JMCO

The system control has 4 different distributing points with 4 different products built-in printer and display



026-1993-000

### Art. 026-1993-000

#### Pulser set GPV bivalve

The valves enable the preselected dispense quantity to switch off at the precise moment Inlet-outlet connection G 1/2" FF



026-1996-000

### Art. 026-1995-000

#### Pulser set GPVS monovalve

The valve enable the preselected dispense quantity to switch off at the precise moment Inlet-outlet connection G 1/2" FF

### Art. 026-1996-000

#### Group pulser GPVS windscreen

The valve enable the preselected dispense quantity of **anti-freeze and windscreen liquid** to switch off at the precise moment Inlet-outlet connection G 1/2" FF



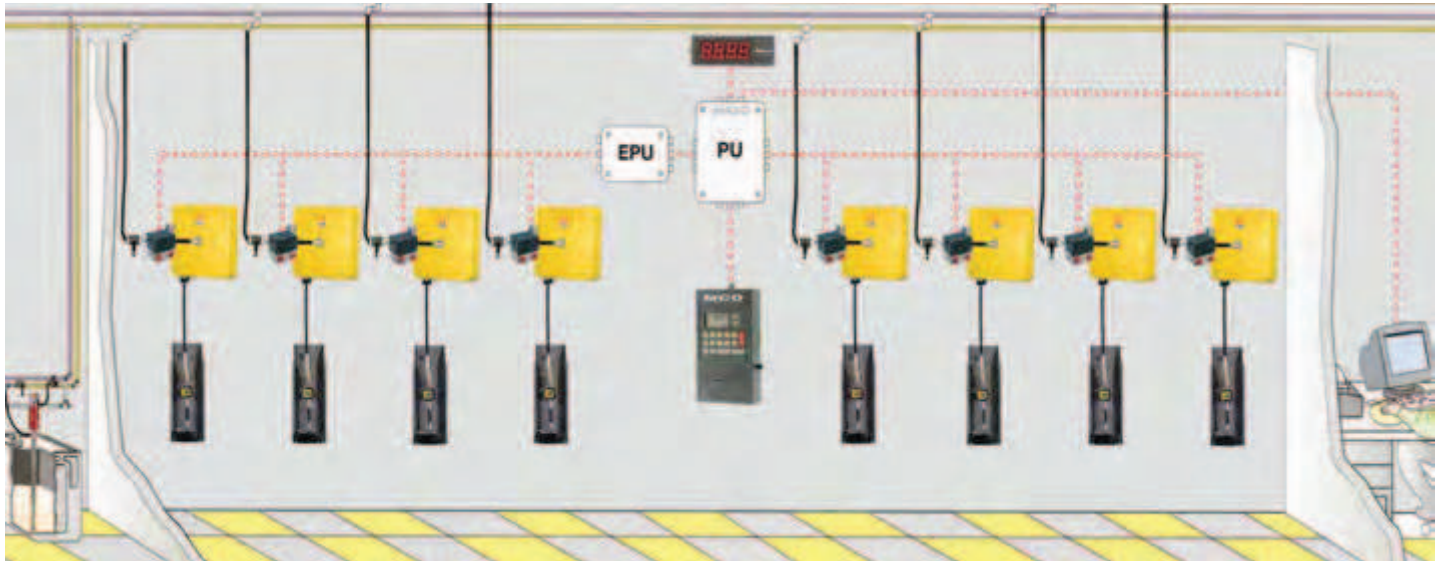
026-1998-000

### Art. 026-1998-000

#### Lightning remote display LD

Permits to visual the dispense quantity, with precision, also at distance

The oil management system is designed to control and manage lubricants and other fluids to obtain supply liquids with a tolerance +/- 0,5%. The control unit JMCO can manage until to 4 dispensing points with 4 different products. Permits to dispense in pre-selection and to manage the quantity on the tanks.



## Art. 026-1983-000

### Oil management MCO with POWER UNIT PU

Each system control until to 12 hose reels as system Stand Alone  
Can be connected to network and PC until to 32 systems  
Equipped with a printer and a display

## Art. 026-1984-000

### Oil management MCO with POWER UNIT PU

Without ticket issue

## Art. 026-1992-000

### Expansion unit EPU

Permits to control 4 further hose reels  
Max 2 EPU per system MCO

## Art. 026-1993-000

### Pulser set GPV bivalve

The valves enable the preselected dispense quantity to switch off at the precise moment  
Inlet-outlet connection G 1/2" FF

## Art. 026-1995-000

### Pulser set GPVS monovalve

The valves enable the preselected dispense quantity to switch off at the precise moment  
Inlet-outlet connection G 1/2" FF

## Art. 026-1996-000

### Pulser set GPVS windscreen

The valve enable the preselected dispense quantity of **anti-freeze and windscreen liquid** to switch off at the precise moment  
Inlet-outlet connection G 1/2" FF

## Art. 026-1998-000

### Lightning remote display LD

Permits to visual the dispense quantity, with precision, also at distance

## Art. 026-1999-000

### Kit personal computer

It contains the software MCO for the management of the dispense from PC

The oil management system is designed to control and manage lubricants and other fluids to obtain supply liquids with a tolerance +/- 0,5%. Each system MCO control until to 12 hose reels as system Stand Alone or as interface system PC, can be connected to network and PC until to 32 systems. The software MCO is easy because it is develop in environmental Windows, permits to select the language between the most available. Permits to dispense in pre-selection and to manage the quantity on the tanks.



026-1983-000



026-1984-000



026-1992-000



026-1993-000



026-1996-000



026-1998-000



026-1999-000



026-2002-000

**Art. 026-2002-000**

Level indicator OCIO

Management continue system of the level in the tank



026-2004-000

**Art. 026-2004-000**

OCIO GSM QUAD BAND Control unit

For the remote management of the liquid in the tank



026-2006-000

**Art. 026-2006-000**

Hose with end for the survey of the quantity of oil  
low-high viscosity



026-2009-001

**Art. 026-2009-001**

Interface and software for the connection  
with 1 level indicator



026-2009-004

**Art. 026-2009-004**

Interface and software for the connection  
with 4 level indicator

**Art. 026-2009-008**

Interface and software for the connection  
with 8 level indicator

**Art. 026-2009-012**

Interface and software for the connection  
with 12 level indicator

The management continue system of the level in the tank, find the static management generated from the height of the liquid with a hose inside the tank and visual the level of the liquid or the volume.

On the basis of the preselected alarm level the control unit work as switch for the operated of alarm device or of feed block to the connected equipment. Max height 4m, probe 10 m length.

## Art. 027-1305-000

### 24 l pneumatic oil dispenser

Equipped with:

Tank capacity 24 l (with level indicator)

Delivery hose: spring PU 3 m length

Oil dispensing nozzle with flexible

Drop valve  $\varnothing$  12 mm

Filling drum funnel

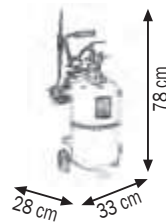


027-1305-000

11,920

0,074

1



027-1305-000

## Art. 027-1307-000

### 24 l pneumatic oil dispenser stainless steel

Equipped with:

Tank capacity 24 l (with level indicator)

Delivery hose: spring PU 3 m length

Oil dispensing nozzle with flexible

Drop valve  $\varnothing$  12 mm

Filling drum funnel

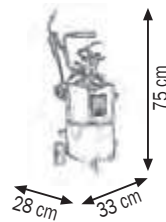


027-1307-000

11,900

0,074

1



027-1307-000

## Art. 027-1310-000

### 50 l pneumatic oil dispenser

Equipped with:

Tank capacity 50 l (with level indicator)

Delivery hose: spring PU 3 m length

Oil dispensing nozzle with flexible

Drop valve  $\varnothing$  12 mm

Filling drum funnel

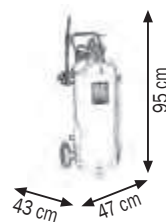


027-1310-000

24,540

0,152

1



027-1310-000

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.



027-1306-000

## Art. 027-1306-000

### 24 l pneumatic oil dispenser

Equipped with:

Tank capacity 24 l (with level indicator)

Delivery hose: Ø 12 mm spring PU hose 3 m length

**Digital nozzle** (Art.024-1233-A00)

With flexible end drop valve

Filling drum funnel



027-1306-000	13,000	0,074	1
--------------	--------	-------	---



027-1308-000

## Art. 027-1308-000

### 24 l pneumatic oil dispenser stainless steel

Equipped with:

Tank capacity 24 l (with level indicator)

Delivery hose: Ø 12 mm spring PU hose 3 m length

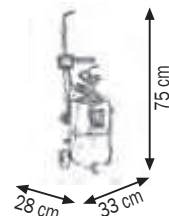
**Digital nozzle** (Art.024-1233-A00)

With flexible end drop valve

Filling drum funnel



027-1308-000	13,000	0,074	1
--------------	--------	-------	---



027-1312-000

## Art. 027-1312-000

### 50 l pneumatic oil dispenser

Equipped with:

Tank capacity 50 l (with level indicator)

Delivery hose: Ø 12 mm spring PU hose 3 m length

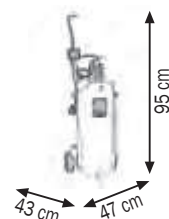
**Digital nozzle** (Art.024-1233-A00)

With flexible end drop valve Ø 12 mm

Filling drum funnel



027-1312-000	25,620	0,152	1
--------------	--------	-------	---



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.

## Art. 027-1314-000

65 l pneumatic oil dispenser

Composed by:

Tank capacity 65 l (with level indicator)

Art.024-1232-C00 Oil dispensing nozzle with flexible hose and 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

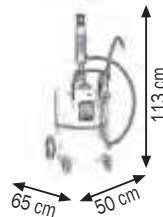
65 l pneumatic oil dispenser

Composed like Art.027-1314-000 but with:

Art.020-1200-000 Oil pump ratio=5:1 28 l/min



027-1314-000	30,300	0,210	2
027-1315-000	30,550	0,210	2



027-1314-000

## 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 dispensing nozzle with flexible hose and 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

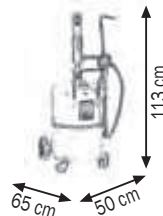
65 l pneumatic oil dispenser with digital nozzle

Composed like Art.027-1316-000 but with:

Art.020-1200-000 Oil pump ratio=5:1 28 l/min



027-1316-000	31,790	0,210	2
027-1317-000	32,050	0,210	2



027-1316-000

## Art. 027-1329-000

65 l manual oil dispenser

Composed by:

Tank capacity 65 l (with level indicator)

Oil dispensing nozzle with flexible hose and drop valve (Art.024-1232-F00)

Delivery hose 2 m length

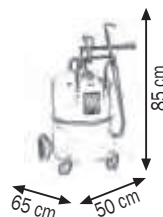
Double-acting manual oil pump

delivery quantity for each

lever action 220 gr



027-1329-000	25,470	0,190	1
--------------	--------	-------	---



027-1329-000

Equipment 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**

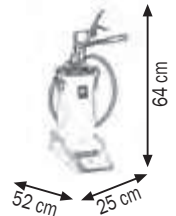
## Art. 027-1320-000

16 l manual oil dispenser

Equipped with:  
 Tank capacity 16 l  
 Manual pump  
 Delivery hose 2,0 m length  
 With level valve, rigid end 30°



027-1320-000	12,800	0,090	1
--------------	--------	-------	---



**027-1322-000**

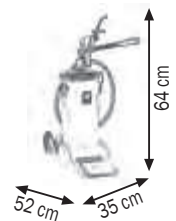
## Art. 027-1322-000

16 l wheeled manual oil dispenser

Equipped with:  
 Tank capacity 16 l  
 Manual pump  
 Delivery hose 2,0 m length  
 With level valve, rigid end 30°



027-1322-000	13,950	0,090	1
--------------	--------	-------	---



**027-1326-000**

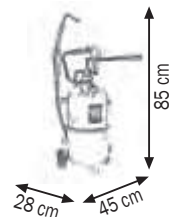
## Art. 027-1326-000

24 l manual oil dispenser

Equipped with:  
 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	14,200	0,074	1
--------------	--------	-------	---



**027-1328-000**

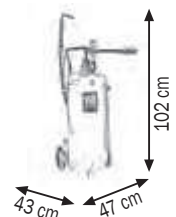
## Art. 027-1328-000

50 l manual oil dispenser

Equipped with:  
 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	26,540	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

Equipped with:

Threaded ring for drum connection

Oil dispensing nozzle with flexible hose and drop valve (Art.024-1232-F00)

Delivery hose 2,0 m length

Telescopic shank

min 700 max 1000 mm length

Quantity of delivered oil for cycle 250 gr



027-1336-000

6,360

0,031

1



027-1336-000

## 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

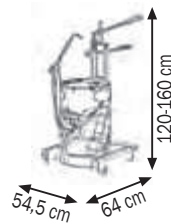


027-1338-000

19,960

0,076

1



027-1338-000

## 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

2,370

0,008

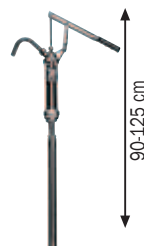
1

027-1325-A00

2,370

0,008

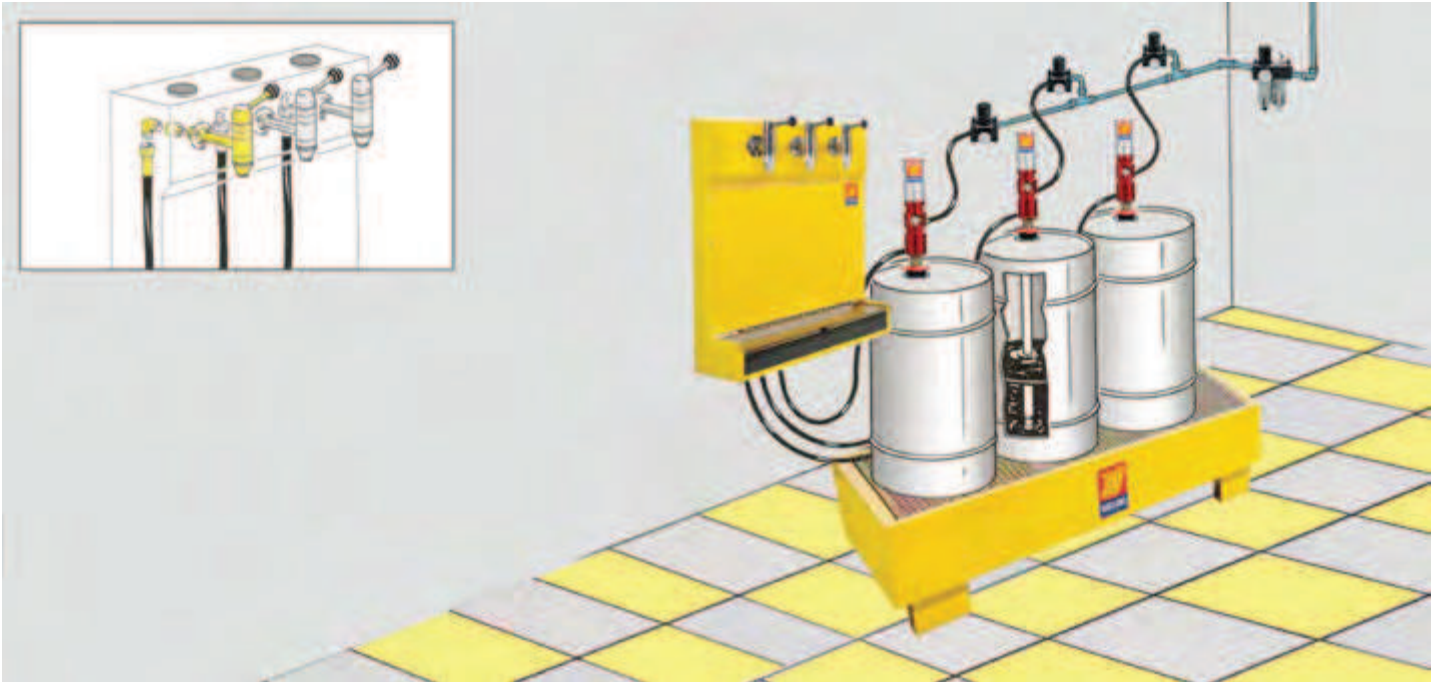
1



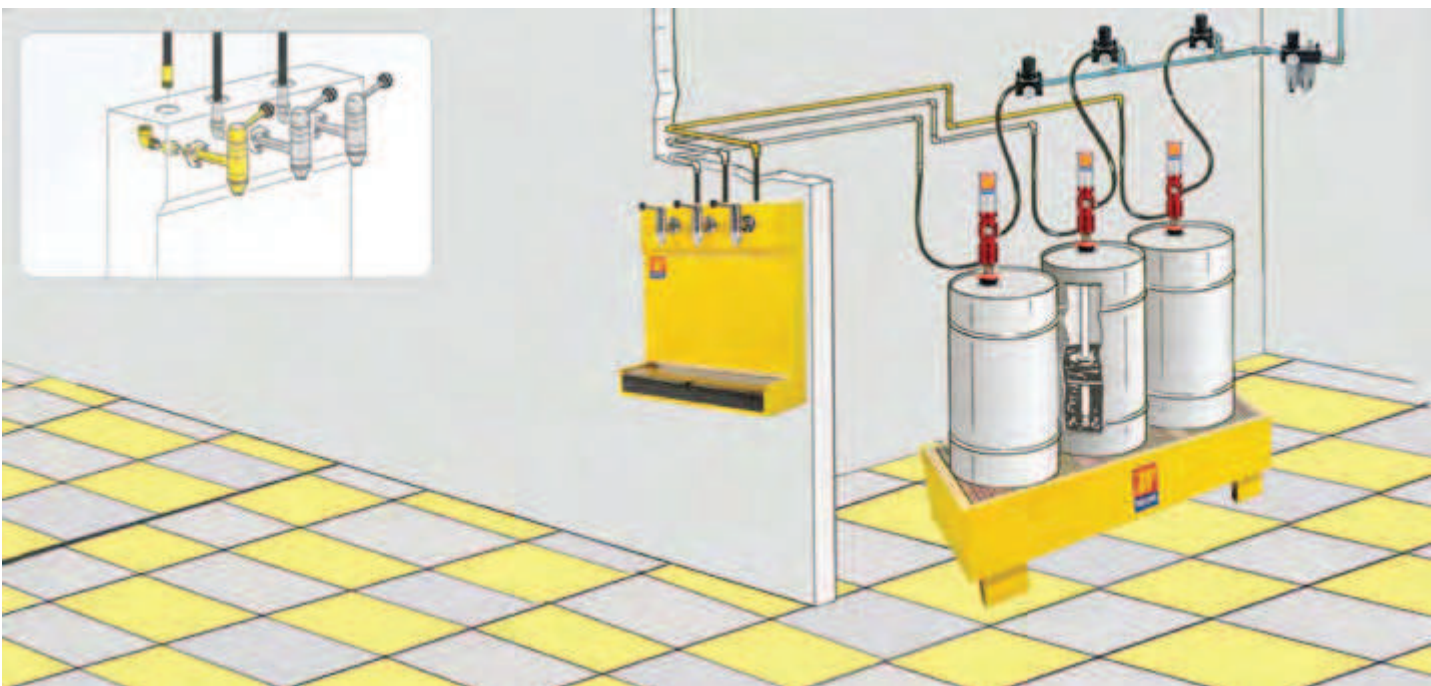
027-1325-000

Suitable for the dispensing of low and high viscosity oils (SAE 15-220); they are prearranged for the direct application to the pump tank.

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 delivery, clean and without waste of lubricating oils for the different needs. Connected to an air-operated pump (one for each cock) and using the cock lever the dispenser is always ready. It is always furnished with an operating cock, it is pre-arranged for other two cocks and it allows the simultaneous delivery of three different types of fluid.

## Art. 027-1340-000

Oil dispenser bar

Equipped with:

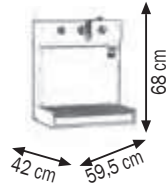
N. 1 Cock with lever (Art.027-1348-000)

Removable basin for picking up drops

Supporting grate



027-1340-000 22,800 0,086 1



027-1340-000

## Art. 027-1340-B00

Oil dispenser bar

Equipped with:

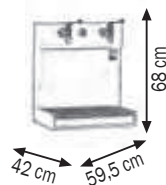
N. 2 Cocks with lever (Art.027-1348-000)

Removable basin for picking up drops

Supporting grate



027-1340-B00 24,000 0,086 1



027-1340-B00

## Art. 027-1340-C00

Oil dispenser bar

Equipped with:

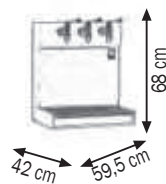
N. 3 Cocks with lever (Art.027-1348-000)

Removable basin for picking up drops

Supporting grate



027-1340-C00 25,250 0,086 1



027-1340-C00

## Art. 027-1344-000

Oil dispenser bar with cabinet

Composed by:

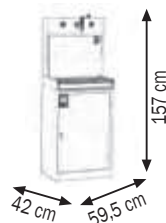
Art.027-1340-000 dispenser bar N.1 Cock with lever

Art.027-1352-000 Cabinet 1 door with lock,

inside drawer and two shelf



027-1344-000 45,000 0,314 1



027-1344-000



**027-1342-000**

## Art. 027-1342-000

Oil dispenser bar with digital flow meter

Equipped with:

N.1 Digital flow (Art.027-1351-000)

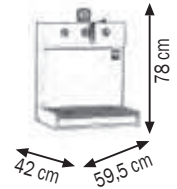
N.1 Cock with lever (Art.027-1348-000)

Removable basin for picking up drops

Supporting grate



027-1342-000	23,560	0,086	1
--------------	--------	-------	---



**027-1342-B00**

## Art. 027-1342-B00

Oil dispenser bar with digital flow meter

Equipped with:

N. 2 Digital flows (Art.027-1351-000)

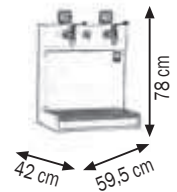
N. 2 Cocks with lever (Art.027-1348-000)

Removable basin for picking up drops

Supporting grate



027-1342-B00	24,760	0,086	1
--------------	--------	-------	---



**027-1342-C00**

## Art. 027-1342-C00

Oil dispenser bar with digital flow meter

Equipped with:

N. 3 Digital flows (Art.027-1351-000)

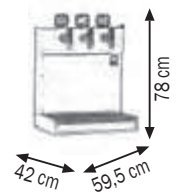
N. 3 Cocks with lever (Art.027-1348-000)

Removable basin for picking up drops

Supporting grate



027-1342-C00	26,000	0,086	1
--------------	--------	-------	---



**027-1346-000**

## Art. 027-1346-000

Oil dispenser bar with cabinet and digital flow meter

Composed by:

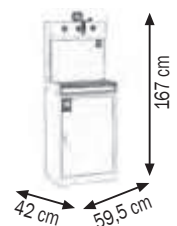
Art.027-1342-000 dispenser bar N.1 Cock with lever

Art.027-1352-000 Cabinet 1 door with lock,

inside drawer and two shelf



027-1346-000	46,000	0,314	2
--------------	--------	-------	---



## Art. 027-1343-000

Oil digital dispenser bar with pre-selection

Equipped with:

N.1 flow meter manual or with pre-selection

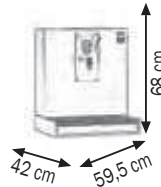
End with automatic drop valve

Removable basin for picking up drops

Supporting grate



027-1343-000 22,750 0,086 1



027-1343-000

## Art. 027-1343-B00

Oil digital dispenser bar with pre-selection

Equipped with:

N.2 flow meter manual or with pre-selection

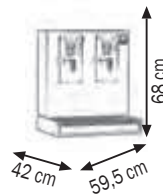
End with automatic drop valve

Removable basin for picking up drops

Supporting grate



027-1343-B00 26,100 0,086 1



027-1343-B00

## Art. 027-1345-000

Oil digital dispenser bar with pre-selection with cabinet

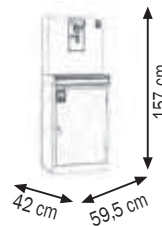
Composed by:

Art.027-1343-000 Dispenser bar

Art.027-1352-000 Cabinet 1 door with lock, inside drawer and two shelf



027-1345-000 44,950 0,314 1



027-1345-000

## Art. 027-1345-B00

Oil digital dispenser bar with pre-selection with cabinet

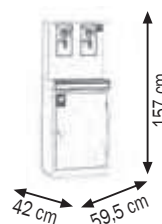
Composed by:

Art.027-1343-B00 Dispenser bar

Art.027-1352-000 Cabinet 1 door with lock, inside drawer and two shelf



027-1345-B00 48,300 0,314 2



027-1345-B00

It allows to dispense oil automatically. The quantity to be dispensed can be preset; once this quantity is reached, the dispensing process is interrupted. It is also possible to use the distributor in manual mode.



## Art. 027-1347-000

Oil dispenser bar set for drum

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 are suitable for the application directly on the oil tank

## Art. 027-1348-000

Cock with lever for dispenser bar

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

## Art. 027-1349-000

Cock with lever for dispenser bar

Drum with elbow connection



027-1350-000

## Art. 027-1350-000

Support for decanter



027-1351-000

## Art. 027-1351-000

Set digital flow meter for bar dispenser

Composed by:

Digital flow meter (Art.024-1234-000)

1/2" connection



027-1351-K00

## Art. 027-1351-K00

Set connection hose to bar dispenser

Composed by:

R1 1/2" m-f hose 3,0 m length

1/2" F-F L connection

1/2" nipple

## Art. 027-1354-000

Polyethylene graduated decanter 1 l

With lid, flexible pipe and plug



## Art. 027-1355-000

Polyethylene graduated decanter 2 l

With lid, flexible pipe and plug

027-1354-000 027-1355-000 027-1356-000

## Art. 027-1356-000

Polyethylene graduated decanter 5 l

With lid, flexible pipe and plug



027-1359-000

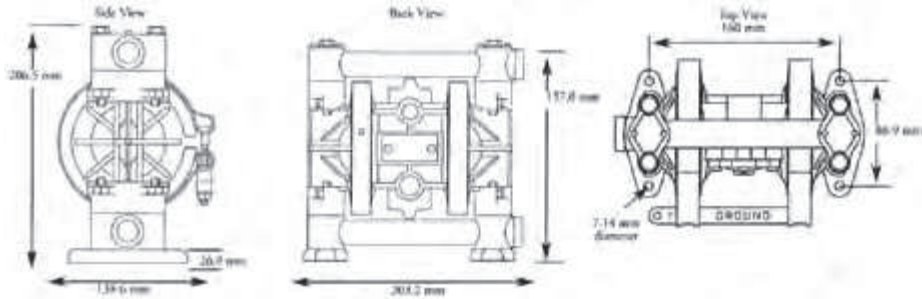
## Art. 027-1359-000

Polyethylene funnel Ø 190 mm

With filter, flexible pipe and plug

## Art. 028-1360-000

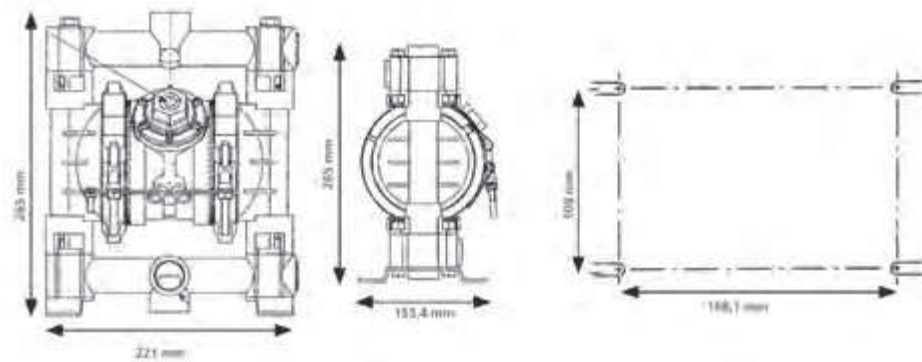
Air-operated double diaphragm pump Mod. 307 delivery 27 l/min  
Viton seals



028-1360-000

## Art. 028-1362-000

Air-operated double diaphragm pump Mod. 716 delivery 61 l/min  
Viton seals



028-1362-000



028-1360-000	2,770	0,007	1
028-1362-000	4,800	0,016	1

Technical Data	028-1360-000	028-1362-000
Pump material	Acetal BSPT	Aluminium
Diaphragm material	Buna	Buna
Ball material	Buna	Buna
Compatible fluids	Mineral oils, diesel fuel, water	Mineral oils, diesel fuel, water
Compression ratio	1:1	1:1
Fluid inlet-outlet connection	F 3/8" G	F 3/4" G
Air inlet connection	F 1/4" G	F 1/4" G
Air max. consumption	0,17 m³/min	0,672 m³/min
Delivery	27 l/m	61 l/m

All the air-operated double diaphragm pumps have simple valves, extremely reliable for many applications. All the parts can be substituted without opening those parts of the body that are in contact with the fluid. The pumps are guarantee 15-YEARS in the central section of the air valve, and 5-YEARS on the pump.

## 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 barrels of 180-220 l

(shank length 940 mm)

Viton seals

## 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

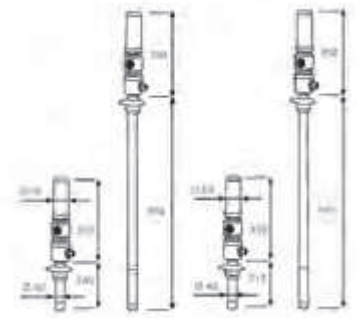
Mod. 603X ratio=3:1 Delivery capacity 30 l/min

For standard barrels of 180-220 l

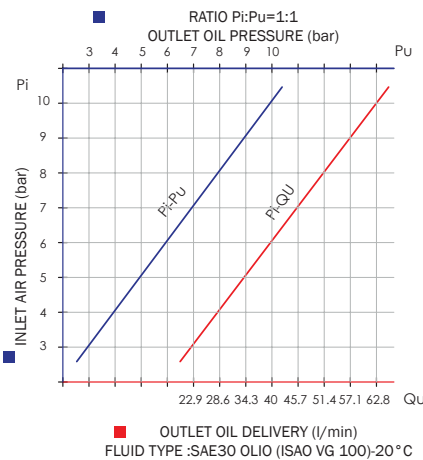
(shank length 940 mm)

Viton seals

With threaded ring for drum connection.



Art. No.	Weight (Kg)	Volume (m³)	Boxes
029-0978-000	3,600	0,007	1
029-0985-000	6,800	0,016	1
029-1374-000	5,090	0,007	1
029-1376-000	7,380	0,016	1



TECHNICAL DATA	029-0978-000	029-0985-000	029-1374-000	029-1376-000
Compression ratio	1:1	1:1	3:1	3:1
Working pressure	bar	6-8	6-8	6-8
Air consumption	l/min	200	200	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 6 bar	l/min	35	35	30
Noise	dB	80	80	80
Shank diameter	mm	50	50	42
Shank length	mm	245	940	215
For drums with capacity of	l	-	180-220	-
				180-220

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 advise to use filtered and lubricated air.



## Art. 029-1380-000

### Wall-fixing set 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 hose 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 set 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 hose 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



029-1380-000

			
029-1380-000	9,700	0,310	1
029-1382-000	11,500	0,310	1



## Art. 029-1384-000

### Set for anti-freeze liquid for barrels 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





### Set for anti-freeze liquid for barrels of 180-220 l

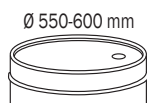
Composed like Art.029-1384-000 but with:

Art.024-1237-000 Anti-freeze liquid dispensing nozzle



029-1384-000

			
029-1384-000	9,100	0,040	2
029-1383-000	7,600	0,040	2



## Art. 029-1386-000

### Set for windscreen liquid for barrels 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





### Set for windscreen liquid for barrels of 180-220 l

Composed like Art.029-1386-000 but with:

Art.024-1237-V00 Windscreen liquid dispensing nozzle



029-1386-000

			
029-1386-000	8,900	0,040	2
029-1385-000	7,400	0,040	2





## WHEELED SET FOR ANTI-FREEZE AND WINDSCREEN LIQUID

### Art. 029-1388-000

Wheeled set for anti-freeze liquid for barrels 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



029-1388-000

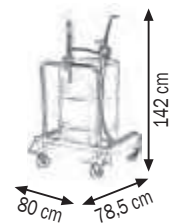
### Art. 029-1387-000

Wheeled set for anti-freeze liquid for barrels of 180-220 l

Composed like Art.029-1388-000 but with:

Art.024-1237-000 Anti-freeze liquid dispensing nozzle

029-1388-000	46,800	0,186	2	
029-1387-000	45,200	0,186	2	



### Art. 029-1390-000

Wheeled set for windscreen liquid for barrels 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



029-1390-000

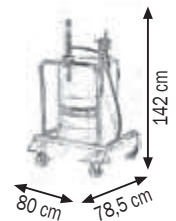
### Art. 029-1389-000

Wheeled set for windscreen liquid for barrels of 180-220 l

Composed like Art.029-1390-000 but with:

Art.024-1237-V00 Windscreen liquid dispensing nozzle

029-1390-000	46,600	0,186	2	
029-1389-000	45,000	0,186	2	



# AIR-OPERATED INDUSTRIAL BREAK PUMPS STAINLESS STEEL AISI 304 FOR CHEMICAL PRODUCTS



## Art. 021-0906-XDT

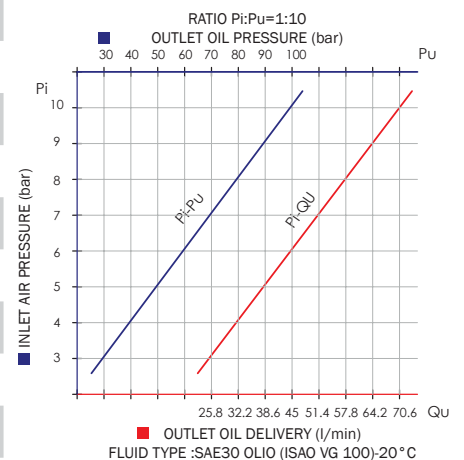
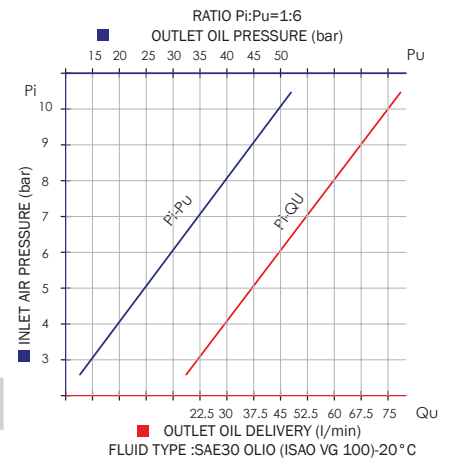
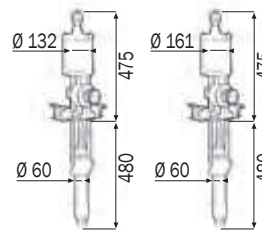
Double-acting air-operated industrial break pump stainless steel AISI 304 for chemical products  
 ratio=6:1 Delivery capacity 45 l/min  
 Mod. 906XD break  
 For wall-fixing or fixed positions.  
 Teflon seals

## Art. 021-1210-XDT

Double-acting air-operated industrial break pump stainless steel AISI 304 for chemical products  
 ratio=10:1 Delivery capacity 42 l/min  
 Mod. 1210XD break  
 For wall-fixing or fixed positions.  
 Teflon seals



021-0906-XDT	17,000	0,045	1
021-1210-XDT	18,000	0,045	1



TECHNICAL DATA		021-0906-XDT	021-1210-XDT
Compression ratio		6:1	10:1
Working pressure	bar	6-8	6-8
Air consumption at 8 bar	m <sup>3</sup> /min	1,70	2,90
Air inlet connection	BSP	F 1/2" G	F 1/2" G
Fluid outlet connection	BSP	M 3/4" G	M 3/4" G
Fluid delivery cap. at 6 bar	l/min	45	42
Noise	dB	80	80
Shank diameter	mm	60	60
Shank length	mm	Modular F 1"	Modular F 1"
For drums	l	-	-

Automatic engine body and shank kit are divided in order to avoid that the fluid enter 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 advise to use filtered and lubricated air.



030-1392-000

## Art. 030-1392-000

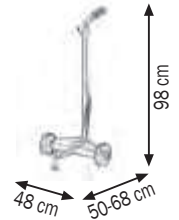
Trolley for 20-60 Kg drums

Equipped with:  
2 wheels Ø 150 mm  
Band for fixing drums  
Adjustable base



030-1392-000 5,870 0,051 1

Ø 260-420 mm



030-1393-000

## Art. 030-1393-000

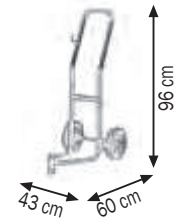
Trolley for 16-30 Kg drums

Equipped with:  
2 **pneumatic wheels** Ø 220 mm  
Band for fixing drums  
Base dimension 350 x 240 mm



030-1393-000 6,800 0,051 1

Ø 260-350 mm



030-1394-000

## Art. 030-1394-000

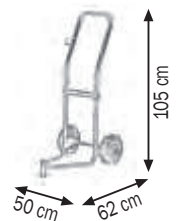
Trolley for 50-60 Kg drums

Equipped with:  
2 **pneumatic wheels** Ø 220 mm  
Band for fixing drums  
Base dimension 400 x 300 mm



030-1394-000 7,670 0,072 1

Ø 370-420 mm



030-1395-000

## Art. 030-1395-000

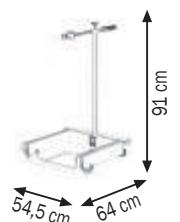
Trolley for 50-60 Kg drums

Equipped with:  
2 fixed wheels Ø 125 mm  
2 swivelling wheels Ø 60 mm  
Base dimension 410 x 410 mm



030-1395-000 13,630 0,072 1

Ø 370-420 mm



# TROLLEYS FOR OIL, GREASE AND SIMILAR DRUMS TRANSPORT



## Art. 030-1398-000

Trolley for barrels of 180-220 Kg

Pre-arranged for application of the hose reel

Equipped with:

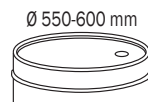
2 fixed wheels Ø 200 mm

1 swivelling wheel Ø 125 mm  
(equipped with locking device)

Band for fixing drums

Base dimension 600x470 mm

030-1398-000	22,400	0,170	1



030-1398-000

## Art. 030-1400-000

Trolley for barrels of 180-220 Kg

Equipped with:

2 fixed wheels Ø 250 mm

2 swivelling wheels Ø 125 mm

Base dimension 610x610 mm

030-1400-000	37,060	0,170	1



030-1400-000

## Art. 030-1405-000

Trolley for barrels 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

030-1405-000	48,620	0,170	1



030-1405-000

Set and varnished trolleys, advised for the transport of drums (oil – grease - similar) of 180<220 Kg in work places.

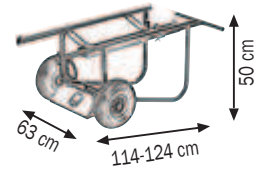
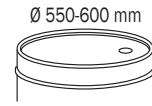
## Art. 030-1407-000

Special trolley for barrels of 180/220 l

Equipped with:  
2 pneumatic wheels  $\varnothing$  380 mm



030-1407-000



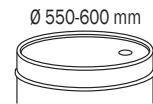
## Art. 030-1408-000

Hydraulic lift trolley for barrels of 180/220 l

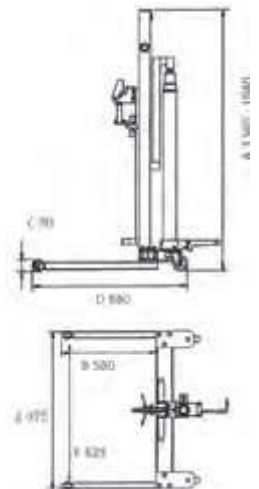
Equipped with:  
Hydraulic pedal pump  
Collet self-locking  
2 fixed wheels  $\varnothing$  80 mm  
2 swivelling wheels  $\varnothing$  125 mm



030-1408-000



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 barrels 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.



OIL DISTRIBUTION







# EXHAUSTED OIL ASPIRATORS





AIR-OPERATED OIL ASPIRATORS

pg. 119



AIR-OPERATED ASPIRATORS AND DRAIN UNITS

pg. 121



AIR-OPERATED ASPIRATORS AND DRAIN UNITS WITH PANTOGRAPH

pg. 124



WHEELED ASPIRATORS WITH PUMP

pg. 128



WALL-FIXING ASPIRATORS WITH PUMP

pg. 129



ASPIRATORS WITH DIAPGHRAGM PUMP

pg. 130

PROBES FOR OIL ASPIRATORS

pg. 131

The air-operated oil aspirators are ideal for a rapid changing of motor oil to each vehicles. After depressurization have an self-regulating working without the necessity of continue connection of compress air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes. The units can suck 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. 040-1418-000

### Air-operated exhausted oil aspirator 24 l

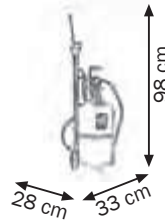
Tank capacity 24 l with level indicator

Manual air emptying of tank

Equipped with 10 standard probes (Art.044-1479-000)



040-1418-000 12,740 0,081 1



040-1418-000

## Art. 040-1420-000

### Air-operated exhausted oil aspirator 24 l

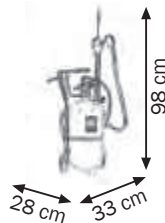
Tank capacity 24 l with level indicator

Manual air emptying of tank (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



040-1420-000 13,520 0,074 1



040-1420-000

## Art. 040-1427-000

### Industrial air-operated aspirator for liquids 90 l

Tank capacity 90 l with level indicator

3 sections ABS basin with tools holder

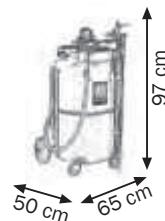
Pneumatic air emptying of tank (max pressure 0,5 bar)

Equipped with 2 probes Ø 12 and Ø 20mm

Suction capacity 25 l/min



040-1427-000 27,000 0,240 1



040-1427-000

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-emptying - hose length	m	2	2	2

The air-operated oil aspirators are ideal for a rapid changing of motor oil to each vehicles.

After depressurization have an self-regulating working without the necessity of continue connection of compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.

The units can suck till 2/3 of their capacity.

**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.



040-1424-000

## Art. 040-1424-000

### Air-operated exhausted oil aspirator 65 l

Tank capacity 65 l with level indicator

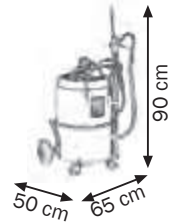
Basin abs 3 sections tool holder

Pneumatic air emptying of tank (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



040-1424-000 25,400 0,220 1



## Art. 040-1425-000

### Air-operated exhausted oil aspirator 90 l

Tank capacity 90 l with level indicator

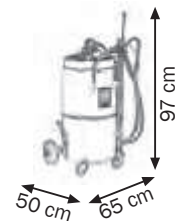
Basin abs 3 sections tool holder

Pneumatic air emptying (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



040-1425-000 28,900 0,240 1



040-1425-000

## Art. 040-1428-000

### Air-operated exhausted oil aspirator 120 l

Tank capacity 120 l with level indicator

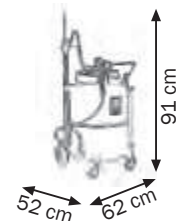
Basin abs 3 sections tool holder

Pneumatic air emptying (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



040-1428-000 26,700 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-emptying - hose length	m	2	2	2

The air-operated oil aspirators are ideal for a rapid changing of motor oil to each vehicles.

After depressurization have an self-regulating working without the necessity of continue connection of compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.

The units can suck till 2/3 of their capacity.

**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.

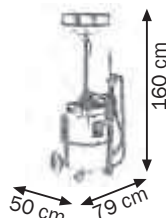
## Art. 040-1430-000

**Air-operated oil suction-drainer for exhausted oil 65 l**

Tank capacity 65 l with level indicator  
 Basin abs 3 sections tool holder  
 Recovery basin capacity 15 l  
 with breakwater grate for 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 30,080 0,240 1



040-1430-000

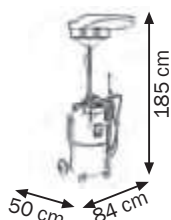
## Art. 040-1432-000

**Air-operated oil suction-drainer for exhausted oil 90 l**

Tank capacity 90 l with level indicator  
 Basin abs 3 sections tool holder  
 Recovery basin capacity 20 l  
 with ergonomic and **swivel 360°** abs funnel  
 with breakwater grate for 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 36,700 0,240 1



040-1432-000

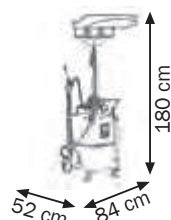
## Art. 040-1433-000

**Air-operated oil suction-drainer for exhausted oil 120 l**

Tank capacity 120 l with level indicator  
 Basin abs 3 sections tool holder  
 Recovery basin capacity 20 l  
 with ergonomic and **swivel 360°** abs funnel  
 with breakwater grate for 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 33,800 0,310 1



040-1433-000

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-emptying - hose length	m	2	2	2

The air-operated oil suction drainers are ideal for a rapid changing of motor oil to each vehicles. The recovery of the exhausted oil happen for fall, through the lateral basin adjustable for height, and also for aspiration through the probes. After depressurization have an self-regulating working without the necessity of continue connection of compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes. The units can suck till 2/3 of their capacity.

**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.



040-1434-000

## Art. 040-1434-000

**Air-operated aspirator for exhausted oil 65 l with pre-chamber**

Tank capacity 65 l with level indicator

Basin abs 3 sections tool holder

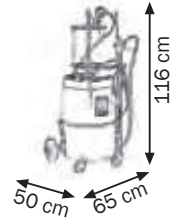
Pre-chamber capacity 10 l

Pneumatic air emptying (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



040-1434-000 30,320 0,240 2



040-1435-000

## Art. 040-1435-000

**Air-operated aspirator for exhausted oil 90 l with pre-chamber**

Tank capacity 90 l with level indicator

Basin abs 3 sections tool holder

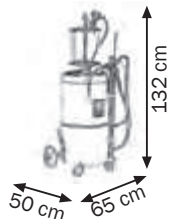
Pre-chamber capacity 10 l

Pneumatic air emptying (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



040-1435-000 33,100 0,290 2



040-1438-000

## Art. 040-1438-000

**Air-operated aspirator for exhausted oil 120 l with pre-chamber**

Tank capacity 120 l with level indicator

Basin abs 3 sections tool holder

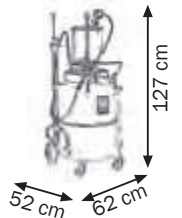
Pre-chamber capacity 10 l

Pneumatic air emptying (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



040-1438-000 31,150 0,310 2



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-emptying - hose length	m	2	2	2

The air-operated oil aspirators are ideal for a rapid changing of motor oil to each vehicles.

After depressurization have an self-regulating working without the necessity of continue connection of compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes.

The units can suck till 2/3 of their capacity.

The pre-chamber permit the immediately control of quantity and quality of the aspirated oil, 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



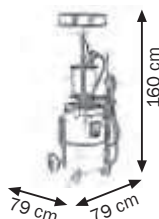
## Art. 040-1442-000

**Air-operated suction-drainer for exhausted oil 65 l with pre-chamber**

Tank capacity 65 l with level indicator  
 Basin abs 3 sections tool holder  
 Pre-chamber capacity 10 l  
 Recovery basin capacity 15 l  
 with breakwater grate for 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 34,290 0,290 2



040-1442-000

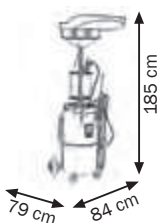
## Art. 040-1445-000

**Air-operated suction-drainer for exhausted oil 90 l with pre-chamber**

Tank capacity 90 l with level indicator  
 Basin abs 3 sections tool holder  
 Pre-chamber capacity 10 l  
 Recovery basin capacity 20 l  
 with ergonomic and **swivel 360°** abs funnel  
 with breakwater grate for 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 40,600 0,290 2



040-1445-000

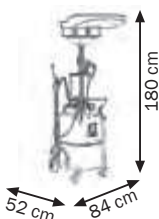
## Art. 040-1448-000

**Air-operated suction-drainer for exhausted oil 120 l with pre-chamber**

Tank capacity 120 l with level indicator  
 Basin abs 3 sections tool holder  
 Pre-chamber capacity 10 l  
 Recovery basin capacity 20 l  
 with ergonomic and **swivel 360°** abs funnel  
 with breakwater grate for 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 38,300 0,360 2



040-1448-000

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-emptying - hose length	m	2	2	2

The air-operated oil suction drainers are ideal for a rapid changing of motor oil to each vehicles. The recovery of the exhausted oil happen for fall, through the lateral basin adjustable for height, and also for aspiration through the probes. After depressurization have an self-regulating working without the necessity of continue connection of compressed air, for an independent and quick aspiration, using the suitable probe between the included kit of 10 probes. The units can suck till 2/3 of their capacity.

The pre-chamber permit the immediately control of quantity and quality of the aspirated oil, 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.



**041-1449-000**

## Art. 041-1449-000

Exhausted oil drain units with pantograph 65 l  
For MOTOR CYCLES

Tank capacity 65 l with level indicator

Basin abs 3 sections tool holder

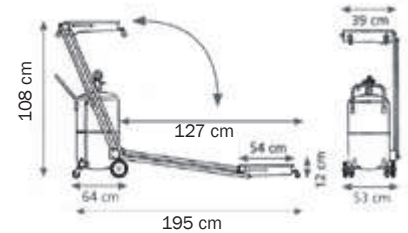
Recovery basin capacity 14 l on arms pantograph with breakwater grate for drip the substituted oil filters

Pneumatic air emptying (max pressure 0,5 bar)

Is not equipped with aspiration group and probes



041-1449-000 38,000 0,450 1



**041-1451-000**

## Art. 041-1451-000

Exhausted oil aspirators-suction drainer with pantograph 65 l  
For CAR-MOTOR CYCLES

Tank capacity 65 l with level indicator

Basin abs 3 sections tool holder

Recovery basin capacity 14 l on arms pantograph

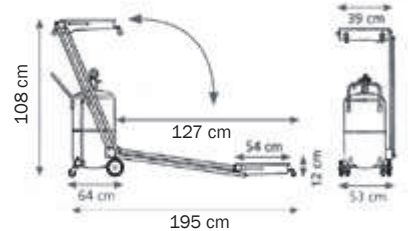
with breakwater grate for drip the substituted oil filters

Pneumatic air emptying (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



041-1451-000 41,500 0,450 1



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-emptying - hose length	m	2	2

The air-operated aspirators-suction drainers happen the recovery of the for fall with tank (14 l) on the floor and also lifting for vehicles on auto lift. This operation can be effected also for aspiration, after depressurisation (max 0,7 bar) have an independent working, ideal for a rapid changing of motor oil using the suitable probe between the included kit of 10 probes.

The units can suck till 2/3 of their capacity.

**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 OIL SUCTION-DRAINERS FOR EXHAUSTED OIL WITH PANTOGRAPH



## Art. 041-1450-000

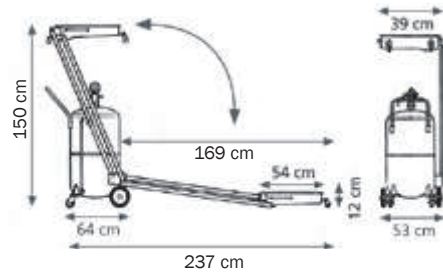
### Air-operated oil suction-drainer with pantograph 65 l

Tank capacity 65 l with level indicator  
 Basin abs 3 sections tool holder  
 Recovery basin capacity 14 l on arms pantograph  
 with breakwater grate for 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 42,030 0,450 1



041-1450-000

## Art. 041-1452-000

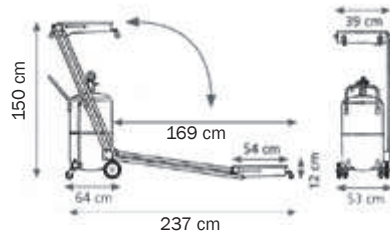
### Air-operated oil suction-drainer with pantograph 90 l

Tank capacity 90 l with level indicator  
 Basin abs 3 sections tool holder  
 Recovery basin capacity 14 l on arms pantograph  
 with breakwater grate for 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 44,900 0,450 1



041-1452-000

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-emptying - hose length	m	2	2

The air-operated aspirators-suction drainers happen the recovery of the for fall with tank (14 l) on the floor and also lifting for vehicles on auto lift. This operation can be effected also for aspiration, after depressurisation (max 0,7 bar) have an independent working, ideal for a rapid changing of motor oil using the suitable probe between the included kit of 10 probes.

The units can suck till 2/3 of their capacity.

**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.



041-1454-000

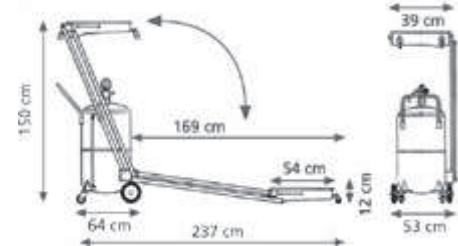
## Art. 041-1454-000

**Air-operated exhausted oil suction-drainer with pantograph 65 l and pre-chamber**

Tank capacity 65 l with level indicator  
 Basin abs 3 sections tool holder  
 Pre-chamber capacity 10 l  
 Recovery basin capacity 14 l on arms pantograph with breakwater grate for drip the substituted oil filters  
 Pneumatic air emptying (max pressure 0,5 bar)  
 Equipped with 10 standard probes (Art.044-1479-000)



041-1454-000 45,550 0,450 1



041-1455-000

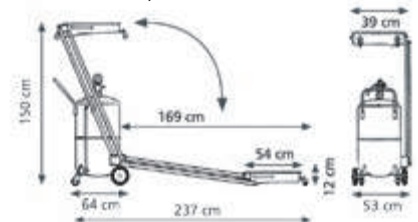
## Art. 041-1455-000

**Air-operated exhausted oil suction-drainer with pantograph 90 l and pre-chamber**

Tank capacity 90 l with level indicator  
 Basin abs 3 sections tool holder  
 Pre-chamber capacity 10 l  
 Recovery basin capacity 14 l on arms pantograph with breakwater grate for drip the substituted oil filters  
 Pneumatic air emptying (max pressure 0,5 bar)  
 Equipped with 10 standard probes (Art.044-1479-000)



041-1455-000 47,240 0,450 1



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-emptying - hose length	m	2	2

The air-operated aspirators-suction drainers happen the recovery of the for fall with tank (14 l) on the floor and also lifting for vehicles on lift bridge. This operation can be effected also for aspiration, after depressurization (max 0,7 bar) have an independent working, ideal for a rapid changing of motor oil using the suitable probe between the included kit of 10 probes.

The units can suck till 2/3 of their capacity.

The pre-chamber permit the immediately control of quantity and quality of the aspirated oil, 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 OIL SUCTION-DRAINERS FOR EXHAUSTED OIL WITH PANTOGRAPH



## Art. 041-1453-000

**Air-operated exhausted oil suction-drainer with pantograph 120 l**

Tank capacity 120 l with level indicator

Basin abs 3 sections tool holder

Recovery basin capacity 14 l on arms pantograph

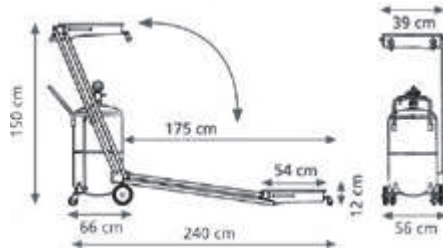
with breakwater grate for drip the substituted oil filters

Pneumatic air emptying (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



041-1453-000 42,800 0,520 1



041-1453-000

## Art. 041-1456-000

**Air-operated exhausted oil suction-drainer with pantograph 120 l**

**For TRUCKS**

Tank capacity 120 l with level indicator

Basin abs 3 sections tool holder

Recovery basin capacity 50 l on arms pantograph

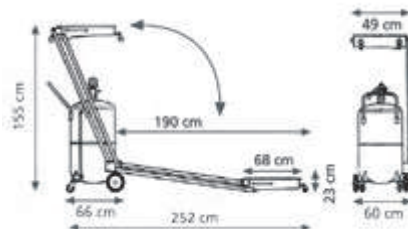
with breakwater grate for drip the substituted oil filters

Pneumatic air emptying (max pressure 0,5 bar)

Equipped with 10 standard probes (Art.044-1479-000)



041-1456-000 52,000 0,650 1



041-1456-000

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-emptying - hose length	m	2	2

The air-operated aspirators-suction drainers happen the recovery of the for fall with tank (14-50 l) on the floor and also lifting for vehicles on lift bridge. This operation can be effected also for aspiration, after depressurization (max 0,7 bar) have an independent working, ideal for a rapid changing of motor oil using the suitable probe between the included kit of 10 probes.

The units can suck till 2/3 of their capacity.

**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.



**042-1410-000**

## 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 flux adjuster and the vacuum gauge

Art.030-1395-000 4-wheels trolley

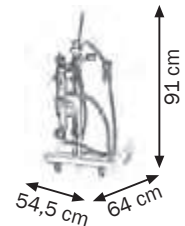
Art.044-1479-000 Set 10 standard probes

2 m aspiration – delivery hoses

Art.024-1232-F00 Oil dispensing nozzle flexible end

			
<b>042-1410-000</b>	23,200	0,072	1

Ø 370-420 mm



**042-1411-000**

## Art. 042-1411-000

Wheeled aspirator with pump for barrels of 180-220 l

Composed by:

Art.020-1165-000 Air-operated pump **ratio=1:1**





Equipped with the flux adjuster and the vacuum gauge

Art.030-1400-000 4-wheels trolley

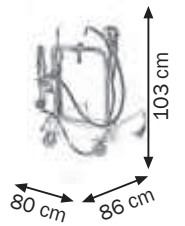
Art.044-1479-000 Set 10 standard probes

2 m aspiration – delivery hoses

Art.024-1232-F00 Oil dispensing nozzle flexible end

			
<b>042-1411-000</b>	45,140	0,170	1

Ø 550-600 mm



**042-1412-000**

## 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

Art.020-1165-000 Air-operated pump **ratio=1:1**

Equipped with the flux adjuster and the vacuum gauge





Recovery basin capacity 20 l

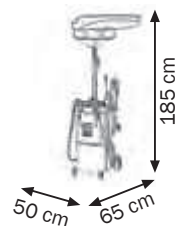
with ergonomic and **swivel 360°** abs funnel

with breakwater grate for drip the substituted oil filters

Art.044-1479-000 Set 10 standard probes

2 m aspiration – delivery hoses

			
<b>042-1412-000</b>	40,950	0,240	2



Suitable for the aspiration of exhausted oil and similar from every motor vehicle.  
When you inverse 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



## Art. 042-1304-000

Wall-fixing aspirator for emptying exhausted oil aspirator/suction-drainer

Composed by:

- Art.020-1168-000 Air-operated pump **ratio=1:1**
- Equipped with the flux adjuster and the vacuum gauge
- Art.025-1265-000 Wall-fixing bracket
- Art.910-0700-020 Flex hose Ø 25mm 2m
- Art.F94-0540-525 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"



042-1304-000 23,200 0,072 1

## 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 flux adjuster and the vacuum gauge
- Art.025-1265-000 Wall-fixing bracket
- 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 R1 1/2" hose M-F 4 m with plastic support
- Art.024-1232-F00 Oil dispensing nozzle flexible end



042-1413-000 11,800 0,031 1

## Art. 042-1414-000

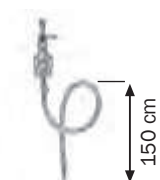
Wall-fixing aspirator for exhausted oil with pump

Composed by:

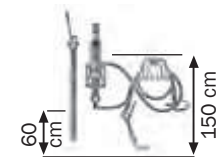
- Art.020-1168-000 Air-operated pump **ratio=1:1**
- Equipped with the flux adjuster and the vacuum gauge
- Art.071-1206-410 Swiveling hose reel with R1 1/2" hose 10m length
- Art.025-1265-000 Wall-fixing bracket
- Art.044-1479-000 Set 10 standard probes
- Art.044-1498-000 Probe Ø 12 mm
- Art.044-1505-000 Wall-fixing holder for probes
- Art.906-0424-015 R1 1/2" hose F-F 1,5m length
- Art.906-0404-040 R1 1/2" hose M-F 4 m with plastic support
- Art.024-1232-F00 Oil dispensing nozzle flexible end



042-1414-000 30,600 0,083 2



042-1304-000



042-1413-000



042-1414-000

**ATTENTION:** 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.

Fixed aspiration systems active by air-operated pump, ideal for the aspiration of exhausted oil and similar from each vehicles, using the suitable probe, between the included kit of 11 probes. Wall-fixing application allow the connection to fix system for the discharge of the aspirated liquid directly to the tank of stocking.

**Warning:** It is not possible to suck brake oils, fuels, inflammable and corrosive liquids

## AIR-OPERATED DIAPHRAGM PUMP FOR EXHAUSTED OIL



042-1415-000

### Art. 042-1415-000

Aspirators with wall-fixing air-operated diaphragm pump for exhausted oil

Composed by:

Art.028-1362-000 Air-op. diaphragm pump **ratio=1:1** delivery capacity **61 l/min**

Equipped with the flux adjuster and the vacuum gauge

Art.025-1266-000 Wall-fixing bracket

Art.071-1206-410 Swiveling hose reel with R1 1/2" hose 10m length

Art.044-1479-000 Set 10 standard probes



Art.044-1498-000 Probe Ø 12 mm

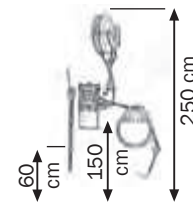
Art.044-1505-000 Wall-fixing holder for probes

Art.906-0424-015 R1 1/2" hose F-F 1,5m

Art.906-0404-040 R1 1/2" hose M-F 4 m with plastic support

Art.024-1232-F00 Oil dispensing nozzle flexible end

			
042-1415-000	9,800	0,100	4



042-1416-000

### Art. 042-1416-000

Aspirators support with air-operated diaphragm pump for exhausted oil

Composed by:

Art.023-1968-001 Service support

Art.028-1362-000 Air-op. diaphragm pump **ratio=1:1** delivery capacity **61 l/min**

Equipped with the flux adjuster and the vacuum gauge

Art.025-1266-000 Wall-fixing bracket

Art.070-1206-410 Swiveling hose reel with R1 1/2" hose 10m length

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 R1 1/2" hose F-F 1,5m length

Art.906-0404-040 R1 1/2" hose M-F 4 m

			
042-1416-000	106,800	0,660	4



**ATTENTION:** 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.

Fixed aspiration systems active by air-operated pump, ideal for the aspiration of exhausted oil and similar from each vehicles, using the suitable probe, between the included kit of 11 probes.

Wall-fixing application allow the connection to fix system for the discharge of the aspirated liquid directly to the tank of stocking.

**Warning:** It is not possible to suck brake oils, fuels, inflammable and corrosive liquids.

## 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

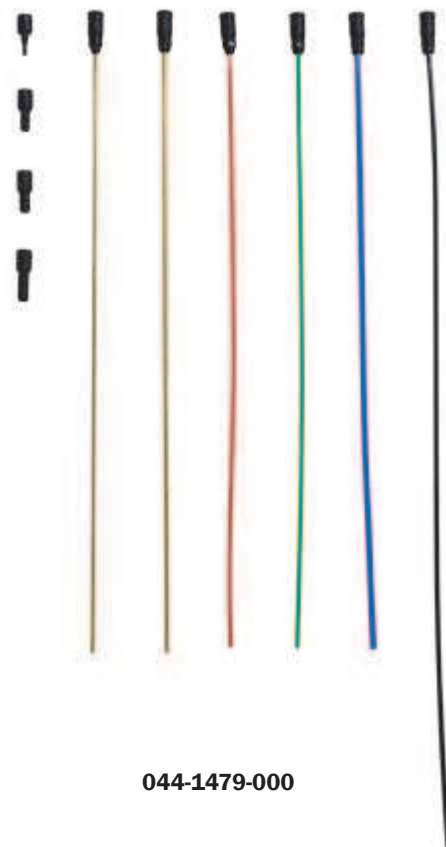
**Art. 044-1484-000** Flexible probe Ø 7 mm 1000 mm

**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 a single item



044-1479-000

Probes by 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

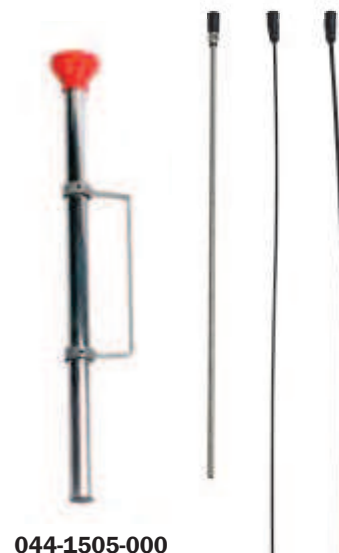
**Art. 044-1500-000** STAINLESS STEEL probe Ø 8 mm 800 mm

**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. 044-1479-A00**

**Art. 044-1505-000** Wall-fixing support for probes



044-1505-000

Nautical specific probes

**Art. 044-1506-000** 3/8 connection for nautical motors

**Art. 044-1507-000** 3/4 connection for nautical motors



044-1506-000



044-1507-000

044-1490-000







# EXHAUSTED OIL DRAIN UNITS





DRAIN UNITS

pg. 136



WHEELED DRAIN UNITS

pg. 137



RECOVERY BASINS

pg. 137



DRAIN UNITS FOR PITS

pg. 138



DRAIN UNITS FOR GROUND

pg. 139

For the recovery for fall of exhausted oil in the engine, the transmission and the differential of motor-vehicles on the lift bridge.

The basin is equipped with a grate to support for drip the substituted filters, and it can be regulated according to the height.





045-1462-000

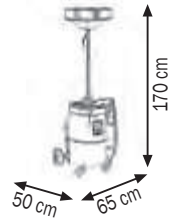
## Art. 045-1462-000

### Exhausted oil drain unit 65 l

Tank capacity 65 l with level indicator  
 Basin abs 3 sections tool holder  
 Recovery basin capacity 15 l  
 with breakwater grate for drip the substituted oil filters  
 Pneumatic air emptying (max pressure 0,5 bar)



045-1462-000 26,900 0,220 1



## Art. 045-1460-000

### Exhausted oil drain unit 90 l

Tank capacity 90 l with level indicator  
 Basin abs 3 sections tool holder  
 Recovery basin capacity 20 l  
 with ergonomic and swivel 360° abs funnel  
 with breakwater grate for drip the substituted oil filters  
 Pneumatic air emptying (max pressure 0,5 bar)



045-1460-000

## Art. 045-1460-E00

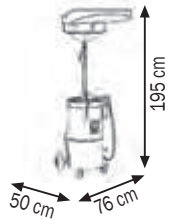
### Exhausted oil drain unit 90 l

Composed like Art.045-1460-000 but with:  
 Recovery basin capacity 15 l  
 without ergonomic abs funnel



045-1460-000 32,500 0,240 2

045-1460-E00 29,400 0,240 1



## Art. 045-1465-000

### Exhausted oil drain unit 120 l

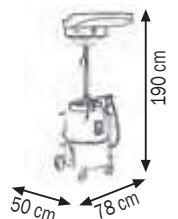
Tank capacity 120 l with level indicator  
 Basin abs 3 sections tool holder  
 Recovery basin capacity 20 l  
 with ergonomic and swivel 360° abs funnel  
 with breakwater grate for drip the substituted oil filters  
 Pneumatic air emptying (max pressure 0,5 bar)



045-1465-000



045-1465-000 29,500 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
Emptying hose length	mm	2	2	2	2

For the fall recovery of exhausted oil contained in the engine, the transmission and the differential of motor vehicles on the lift bridge.

The basin is equipped with a grate to support 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

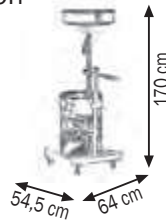
Art.049-1477-000 Metal basin 15 l

with breakwater grate for drip the substituted oil filters

Art.025-1260-000 2" G threaded ring for drum connection



045-1470-000	18,500	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

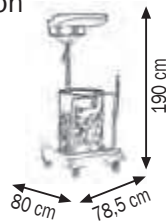
with ergonomic and swivel 360° abs funnel

with breakwater grate for drip the substituted oil filters

Art.025-1262-000 2" G threaded ring for drum connection



045-1475-000	45,000	0,209	2
--------------	--------	-------	---



045-1475-000

## Art. 049-1477-000

15 l recovery basin

Composed by:

Metal basin 15 l

with breakwater grate for 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 swivel 360° abs funnel

with breakwater grate for drip the substituted oil filters

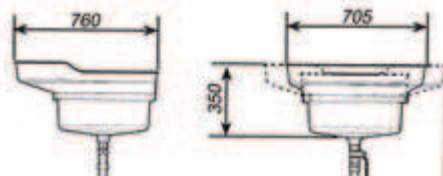
Ø 42 L 750 mm hose with 1" G valve

2" G threaded ring for drum connection



049-1477-000	4,910	0,049	2
--------------	-------	-------	---

049-1478-000	7,980	0,052	2
--------------	-------	-------	---



049-1477-000

049-1478-000

For the fall recovery of exhausted oil contained in the engine, the transmission and the differential of motor vehicles on the lift bridge.

The basin is equipped with a grate to support 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

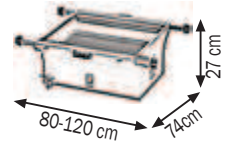
Breakwater grate for drip the substituted oil filters

Adjustable wheeled supports (min 800 – max 1200 mm)

F 3/4" G exhaust ball valve



<b>046-1457-000</b>	35,500	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

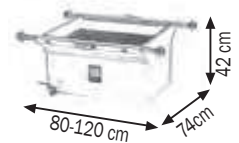
Breakwater grate for drip the substituted oil filters

Adjustable wheeled supports (min 800 – max 1200 mm)

F 3/4" exhaust ball valve



<b>046-1457-G00</b>	36,200	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 for 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



<b>046-1457-GP0</b>	42,700	0,234	1
---------------------	--------	-------	---



Exhausted oil drain units suitable for the fall recovery of motor oils, transmissions and differential gears of lorries on pits. The tank is equipped with breakwater and anti-reflux grate ideal for the support for drip the substituted oil filters. The recovery exhausted oil can be transfer from the recovery basin to the tank of stocking through an emptying pump connected to the fix system or directly mounted on the tank.

# WHEELED EXHAUSTED OIL DRAIN UNITS FOR FLOOR



## 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 for drip the substituted oil filters

2 swiveling wheels Ø 80 mm

2 fixed wheels Ø 100 mm

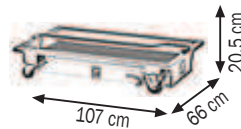
F 3/4" G exhaust ball valve



047-1459-000



047-1459-000 34,100 0,145 1



## 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 for drip the substituted oil filters

2 swiveling wheels Ø 80 mm

2 fixed wheels Ø 100 mm

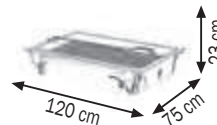
F 3/4" G exhaust ball valve



047-1459-G00



047-1459-G00 38,200 0,203 1



## 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 for drip the substituted oil filters

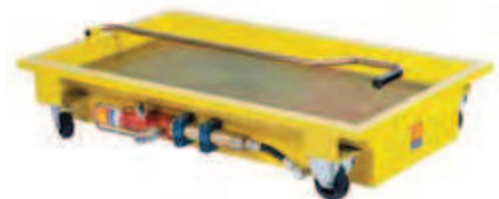
2 swiveling wheels Ø 80 mm

2 fixed wheels Ø 100 mm

F 3/4" G exhaust ball valve

Art.F96-0500-004 Female quick disconnect coupling 1/2" G

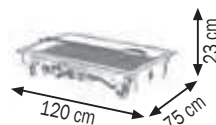
Art.F96-0502-004 Male quick disconnect coupling 1/2" G



047-1459-GP0



047-1459-GP0 44,700 0,203 1



Exhausted oil wheeled drain units for floor suitable for the fall recovery of motor oils, transmissions and differential gears of lorries.

The tank is equipped with breakwater and anti-reflux grate ideal for the support for drip the substituted oil filters.

The recovery exhausted oil can be transfer from the recovery basin to the tank of stocking through an emptying pump connected to the fix system or directly mounted on the tank.





# PRESSURE SPRAYERS - WASHING





STAINLESS STEEL AISI 304-316 PRESSURE SPRAYERS

pg. 144



PRESSURE SPRAYERS POLISHED

pg. 145



STAINLESS STEEL AISI 304-316 PRESSURE SPRAYERS WITH FOAMING DEVICE

pg. 146



PRESSURE SPRAYERS POLISHED WITH FOAMING DEVICE

pg. 147



ACCESSORIES FOR PRESSURE SPRAYERS

pg. 148



LEATHER SQUEZZER ROLLERS

pg. 149



WASHING COLLECTOR

pg. 149

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.

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.





050-1508-000

## Art. 050-1508-000

**Stainless steel pressure sprayer AISI 304 16 l**

Tank capacity 16 l with lever indicator

Equipped with:

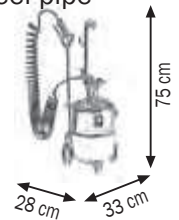
Art.053-1537-000 10 m RILSAN spring hose

Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

Manometer with stainless steel case



050-1508-000	10,750	0,074	1
--------------	--------	-------	---



050-1510-000

## Art. 050-1510-000

**Stainless steel pressure sprayer AISI 304 24 l**

Tank capacity 24 l with lever indicator

Equipped with:

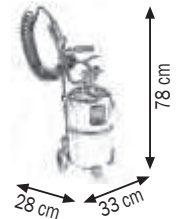
Art.053-1537-000 10 m RILSAN spring hose

Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

Manometer with stainless steel case



050-1510-000	12,460	0,074	1
--------------	--------	-------	---



050-1511-000

## Art. 050-1511-000

**Stainless steel pressure sprayer AISI 316 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

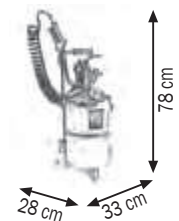
Manometer with stainless steel case

**Stainless steel AISI 316 connections**

**Viton seals**



050-1511-000	12,460	0,074	1
--------------	--------	-------	---



050-1515-000

## Art. 050-1515-000

**Stainless steel pressure sprayer AISI 304 50 l**

Tank capacity 50 l with lever indicator

Equipped with:

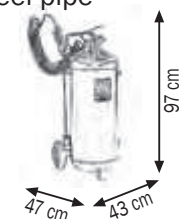
Art.053-1537-000 10 m RILSAN spring hose

Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

Manometer with stainless steel case



050-1515-000	19,400	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.

**Warning:** with stainless steel AISI 316 pressure sprayers can be used also corrosive liquids compatible with the materials using on the article.

**ATTENTION! Do not use inflammable liquids.**

## Art. 050-1520-000

### Polished steel pressure sprayer 24 l

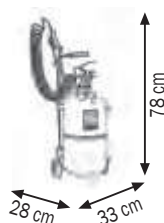
Tank capacity 24 l with lever indicator

Equipped with:

Art.053-1537-000 10 m RILSAN spring hose

Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

			
050-1520-000	11,390	0,074	1



050-1520-000

## Art. 050-1525-000

### Polished steel pressure sprayer 50 l

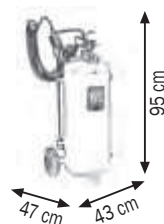
Tank capacity 50 l with lever indicator

Equipped with:

Art.053-1537-000 10 m RILSAN spring hose

Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

			
050-1525-000	23,780	0,196	1



050-1525-000

## Art. 050-1530-000

### Polished steel pressure sprayer 100 l

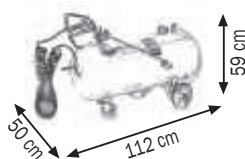
Tank capacity 100 l with lever indicator

Equipped with:

Art.053-1537-000 10 m RILSAN spring hose

Art.053-1542-000 Spray gun with 750 mm stainless steel pipe

			
050-1530-000	39,800	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.**



051-1512-000

## Art. 051-1512-000

Stainless steel pressure sprayer AISI 304 24 l  
With foaming device

Tank capacity 24 l with lever indicator

Equipped with:

Art.053-1538-000 8x13 8 m length pvc hose

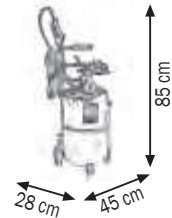
Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

Art.053-1554-000 Foaming coupler super

Manometer with stainless steel case



051-1512-000	13,220	0,074	1
--------------	--------	-------	---



051-1513-000

## Art. 051-1513-000

Stainless steel pressure sprayer AISI 316 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

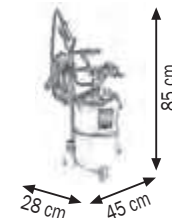
Manometer with stainless steel case

Stainless steel AISI 316 connections

Viton seals



051-1513-000	13,220	0,074	1
--------------	--------	-------	---



051-1517-000

## Art. 051-1517-000

Stainless steel pressure sprayer AISI 304 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	20,160	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.

**Warning:** with stainless steel AISI 316 pressure sprayers can be used also corrosive liquids compatible with the materials using on the article. They are not suitable for acids and caustic soda.

**ATTENTION! Do not use inflammable liquids.**

# POLISHED STEEL PRESSURE SPRAYERS WITH FOAMING DEVICE



## Art. 051-1522-000

Polished steel pressure sprayer 24 l  
With foaming device

Tank capacity 24 l with lever indicator

Equipped with:

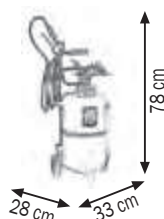
Art.053-1538-000 8x13 8 m length pvc hose

Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

Art.053-1554-000 Foaming coupler super



051-1522-000 12,150 0,074 1



051-1522-000

## Art. 051-1527-000

Polished steel pressure sprayer 50 l  
With foaming device

Tank capacity 50 l with lever indicator

Equipped with:

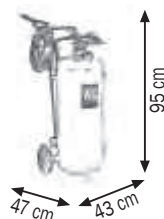
Art.053-1538-000 8x13 8 m length pvc hose

Art.053-1541-000 Spray gun with 600 mm stainless steel pipe

Art.053-1554-000 Foaming coupler super



051-1527-000 24,540 0,196 1



051-1527-000

## Art. 051-1532-000

Polished 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 40,150 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



053-1547-000

**Art. 053-1547-000**  
110° thermoplastic (POM) fan nozzle Ø hole 1,1



053-1548-000

**Art. 053-1548-000**  
110° thermoplastic (POM) fan nozzle Ø hole 1,3



053-1550-000

**Art. 053-1550-000**  
110° thermoplastic (POM) fan nozzle Ø hole 1,8



053-1552-000

**Art. 053-1552-000**  
Thermoplastic fan nozzle for foaming  
Delivery capacity 3 bar 9,8 l/min



053-1553-000

**Art. 053-1553-000**  
Stainless steel fan nozzle for foaming  
Delivery capacity 3 bar 9,8 l/min



053-1554-000

**Art. 053-1554-000**  
Foaming coupler super







053-1555-000

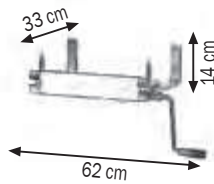
**Art. 053-1555-000**  
Stainless steel cup filter 50 Mesh



## Art. 054-1556-000

Leather squeezer rollers wall mounted  
With support angle brackets galvanized

			
054-1556-000	9,400	0,040	1



054-1556-000

This articles are essential in car washes in order to make easy and improve the drying of vehicles with leather or synthetics cloths.

## WASHING COLLECTOR

### Art. 055-1560-000

Washing collector with wheeled tank 65 l

Collector capacity 50 l with removable lid

Tank capacity 65 l

Max use pressure 0,5 bar

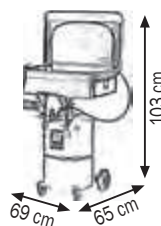
Equipped with:

Filter and grate of decantation

Blowing nozzle with spiral hose

Brush with nylon bristles with 1,5 m length pvc hose

			
055-1560-000	42,710	0,300	2



055-1560-000

### Art. 057-1563-000

Brush with nylon bristles for washing collector



057-1563-000

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.

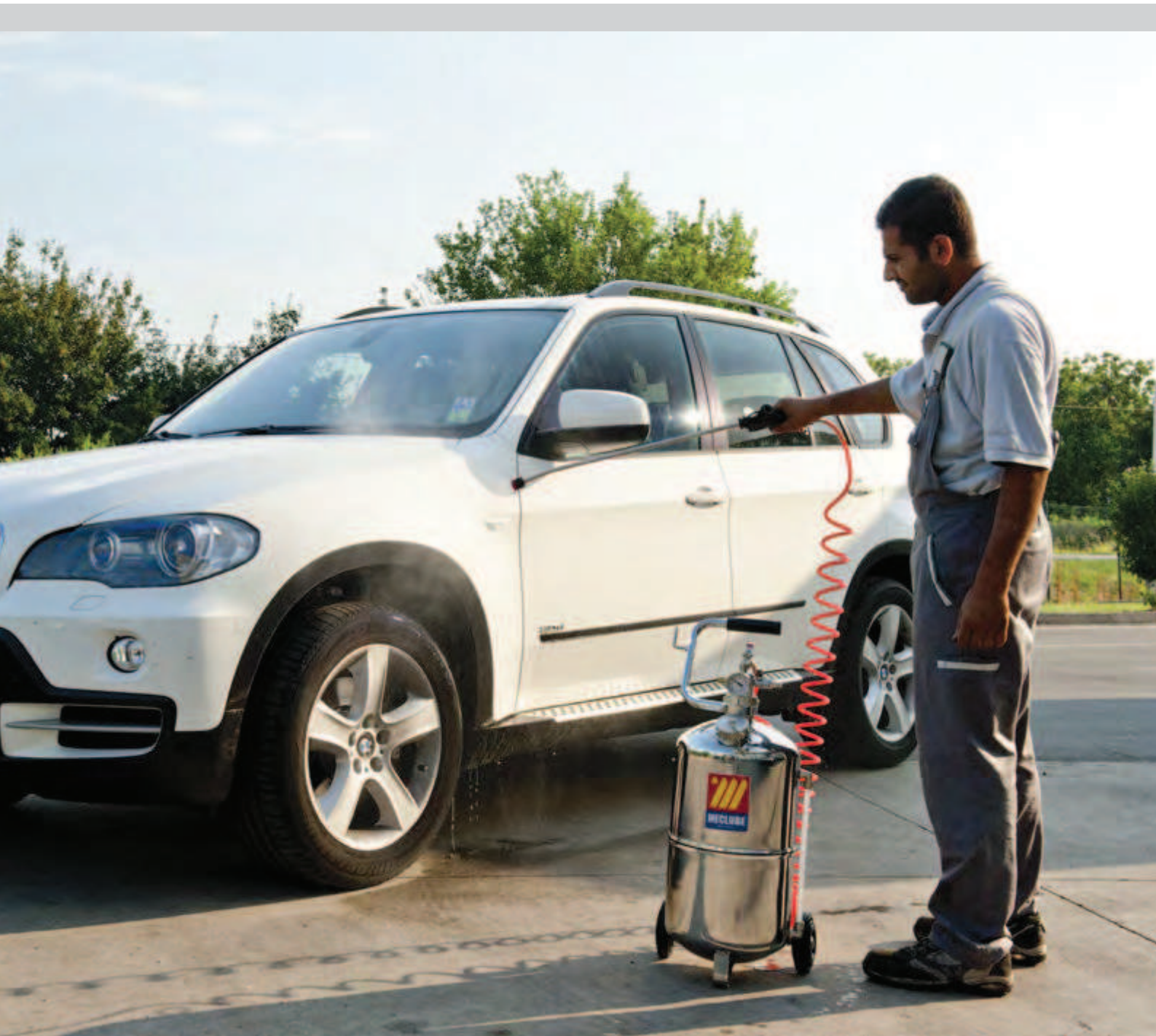
Use exclusively specific chemical products for the washing of mechanical parts, to use only according to regulation furnished by the manufacturer.





PRESSURE SPRAYERS





# TYRE INFLATORS





TYRE INFLATORS WITH AUTOMATIC CHARGING

pg. 156



TYRE INFLATORS WITH MANUAL CHARGING

pg. 157



WHEELED TYRE INFLATORS WITH MANUAL CHARGING

pg. 157



ACCESSORIES FOR TYRE INFLATORS

pg. 158

They are suitable for service stations and garages, for the checkup and the re-establishment of tyre pressure through the inflating valve and discharge with lever in the type with automatic charging, with the inflating gun in the type with manual charging.





060-1582-000

### Art. 060-1582-000

Approved CEE tyre inflator 12 l  
with automatic charging

Tank capacity 12 l

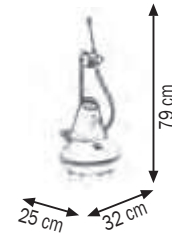
Equipped with:

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

			
060-1582-000	11,100	0,074	1



060-1583-000

### Art. 060-1583-000

Approved CEE portable tyre inflator 12 l  
with automatic charging 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

			
060-1583-000	13,320	0,136	1



### Art. 063-1586-000

Automatic charger for tyre inflators

Connection M 1/2" G



063-1586-000

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 the inspection and the re-establishment of tyre pressure through the inflating and deflating valve lever. They have automatic charging in order to be ready for use. The operation of inflation and deflate of the tyres will be effected through an unique three positions lever. To have the tyre inflator ready for use you can only put on the automatic charging mounted on the line of the compressed air.

**NOTE:** APPROVED FOR PUBLIC USE



## Art. 061-1590-000

Portable tyre inflator with manual charging 12 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 charging 12 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 charging 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 charging 24 l

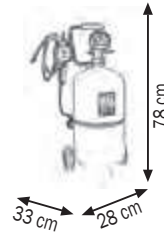
Like art.061-1594-000 but with:

Art.063-1598-A00 Michelin approved inflating gun with Ø 80 gauge



061-1595-000

				
061-1590-000	11,000	0,081	1	
061-1591-000	11,200	0,081	1	
061-1594-000	11,090	0,074	1	
061-1595-000	11,240	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 the inspection and the re-establishment of 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 eurodairu gun with Ø 80 gauge  
approved to European Directive CEE 86/217  
Scale 0,7-12 bar  
Rubber gauge-cover



063-1599-000

**Art. 063-1599-000**  
Angle head connector for twin tyres



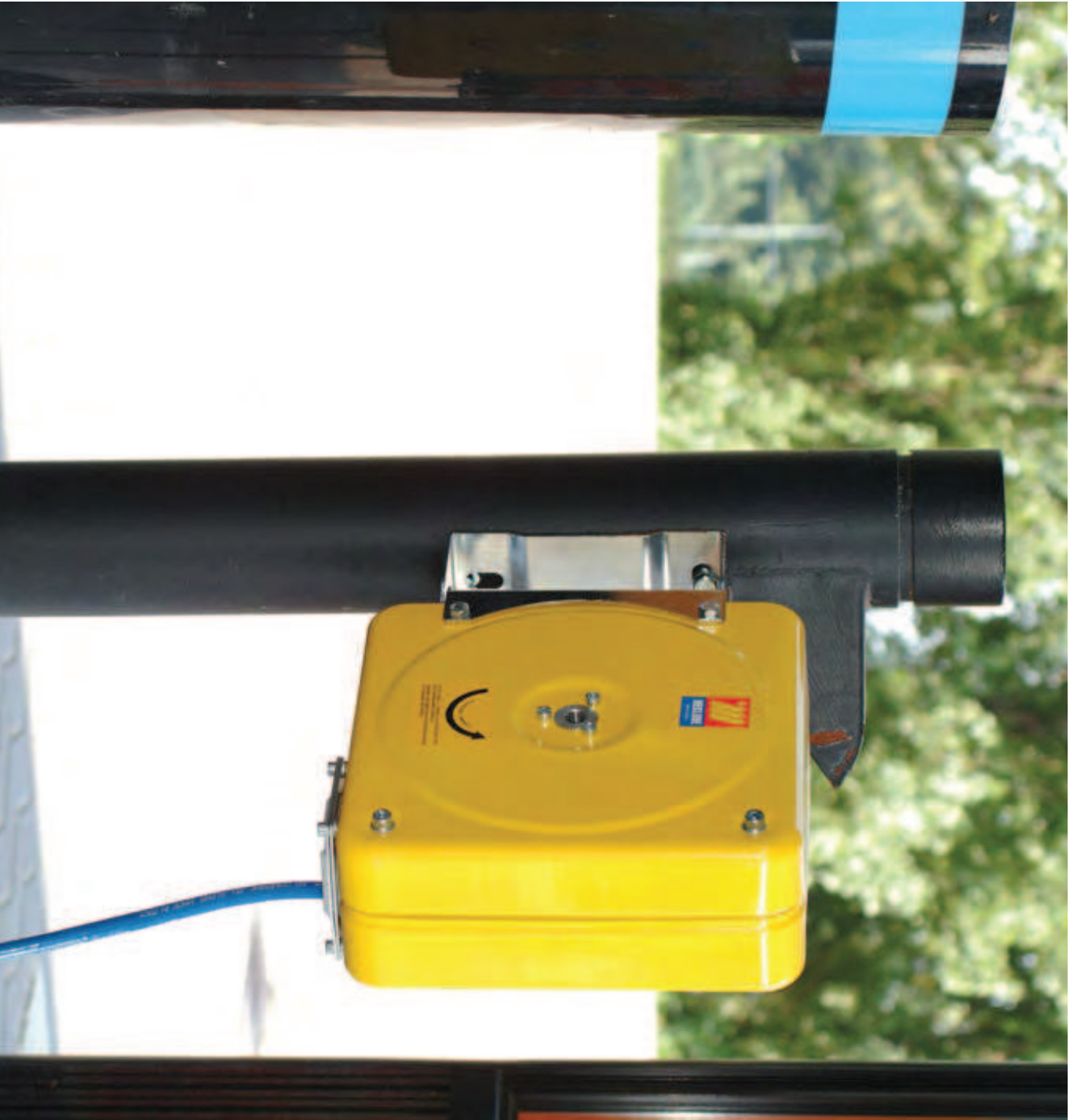
063-1581-000

**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 eurodairu gun with Ø 80 CEE gauge

It is equipped with a wall-fixing bracket which makes the fixing to wall 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 allows the system of inflation ready to use.



063-1581-000 13,220 0,026 1



ATORS



## AUTOMATIC HOSE REELS

These automatic hose reels with spring, fixed or swivelling, powder coated, stainless steel AISI 304 and hydraulics powered, pneumatics, electrical are suitable for flexible hoses for the delivery of compressed air, water, oil and similar, grease, diesel fuel, antifreeze liquid, windscreen liquid and ad-blue.

The spring hose allows to untwist only the necessary length, improving the working and functionality.

The hose winding is fast and safe and it allows a work place which give the possibility to work in a free and tidy way, you have always a ready equipment giving to all staffs the warranty to work in a safety way.



## AUTOMATIC HOSE REELS VARNISHED FIXED-SWIVELLING WITH HOSE



AIR-WATER	20 bar	pg. 164
WATER 150°C	200 bar	pg. 168
WATER 150°C	400 bar	pg. 170
OIL	160 bar	pg. 172
GREASE	600 bar	pg. 174
DIESEL	10 bar	pg. 176
ANTIFREEZE-WINDSCREEN-ADBLUE	20 bar	pg. 178

## AUTOMATIC HOSE REELS VARNISHED FIXED-SWIVELLING



FIXED WITHOUT HOSE	pg. 180
SWIVELLING WITHOUT HOSE	pg. 181

## STAINLESS STEEL AUTOMATIC HOSE REELS FIXED-SWIVELLING WITH HOSE



AIR-WATER	20 bar	pg. 182
WATER 150°C	200 bar	pg. 186
WATER 150°C	400 bar	pg. 188
DIESE	10 bar	pg. 190
ANTIFREEZE-WINDSCREEN-ADBLUE	20 bar	pg. 192

## STAINLESS STEEL AUTOMATIC HOSE REELS FIXED-SWIVELLING



FIXED WITHOUT HOSE	pg. 194
SWIVELLING WITHOUT HOSE	pg. 195

## CLOSED HOSE REELS SWIVELLING IN PLASTIC



AIR-WATER	10 bar	pg. 197
-----------	--------	---------

## CLOSED HOSE REELS VARNISHED FIXED-SWIVELLING

AIR-WATER	20 bar	pg. 197
-----------	--------	---------

## CLOSED HOSE REELS VARNISHED FIXED-SWIVELLING



AIR-WATER	20 bar	pg. 198
WATER 150°C	200 bar	pg. 198
WATER 150°C	400 bar	pg. 198
OIL	160 bar	pg. 200
GREASE	600 bar	pg. 200
ANTIFREEZE-WINDSCREEN-ADBLUE	20 bar	pg. 200

## STAINLESS STEEL CLOSED HOSE REELS FIXED-SWIVELLING



AIR-WATER	20 bar	pg. 202
WATER 150°C	200 bar	pg. 202
WATER 150°C	400 bar	pg. 202

## INDUSTRIAL HOSE REELS VARNISHED HIDRAULIC POWERED SERIES

AIR-WATER	20 bar	pg. 205
WATER 150 °C	200 bar	pg. 205
OIL AND SIMILAR	140 bar	pg. 205
GREASE	400 bar	pg. 205
DIESEL	10 bar	pg. 205



## INDUSTRIAL HOSE REELS VARNISHED PNEUMATIC POWERED SERIES

AIR-WATER	20 bar	pg. 206
WATER 150 °C	200 bar	pg. 206
OIL AND SIMILAR 1	140 bar	pg. 206
GREASE	400 bar	pg. 206
DIESEL	10 bar	pg. 206



## INDUSTRIAL HOSE REELS VARNISHED ELECTRICAL POWERED SERIES 12V

AIR-WATER	20 bar	pg. 207
WATER 150 °C	200 bar	pg. 207
OIL AND SIMILAR	140 bar	pg. 207
GREASE	400 bar	pg. 207
DIESEL	10 bar	pg. 207



## INDUSTRIAL HOSE REELS VARNISHED ELECTRICAL POWERED SERIES 24V

AIR-WATER	20 bar	pg. 208
WATER 150 °C	200 bar	pg. 208
OIL AND SIMILAR	140 bar	pg. 208
GREASE	400 bar	pg. 208
DIESEL	10 bar	pg. 208



## INDUSTRIAL HOSE REELS VARNISHED MANUAL SERIES

AIR-WATER	20 bar	pg. 209
WATER 150 °C	200 bar	pg. 209
OIL AND SIMILAR	140 bar	pg. 209
DIESEL	10 bar	pg. 209



## ACCESSORIES FOR HOSE REELS

PANEL SUPPORT HOSE REELS	pg. 210
ORIENTABLE SUPPORT	pg. 211
SWIVELING JOINT	pg. 212
FASTENING CONNECTION	pg. 213
RUBBER HOSE STOP	pg. 214
HOSES FOR HOSE REELS	pg. 214





## AUTOMATIC HOSE REELS VARNISHED FIXED FOR AIR-WATER 20 bar

Equipped with:

- Polyurethane blue hoses
- Nickel-plated brass connections
- Swivelling joint 90° nickel-plated brass
- Viton seals



**F-400**

Article	Hose length	Ø hose	Inlet-outlet
070-1201-300	Without hose	-	F3/8"G - M3/8"G
070-1201-400	Without hose	-	M1/2"G - M1/2"G
070-1201-215	15 m	8x12	F3/8"G - M1/4"G gir.
070-1201-220	20 m	8x12	F3/8"G - M1/4"G gir.
070-1201-310	10 m	10x14	F3/8"G - M3/8"G
070-1201-315	15 m	10x14	F3/8"G - M3/8"G
070-1201-410	10 m	13x19	M1/2"G - M1/2"G



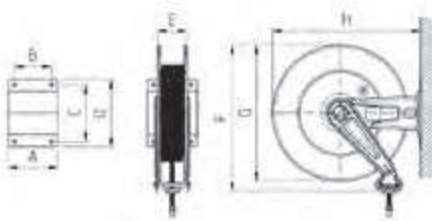
**F-460**

070-1301-400	Without hose	-	M1/2"G - M1/2"G
070-1301-320	20 m	10X14	M1/2"G - M3/8"G
070-1301-415	15 m	13X19	M1/2"G - M1/2"G
070-1301-418	18 m	13X19	M1/2"G - M1/2"G



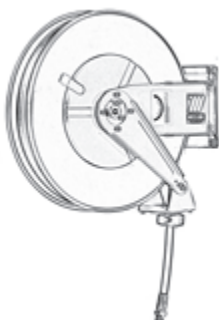
**F-550**

070-1401-400	Without hose	-	M1/2"G - M1/2"G
070-1401-420	20 m	13X19	M1/2"G - M1/2"G
070-1401-425	25 m	13X19	M1/2"G - M1/2"G

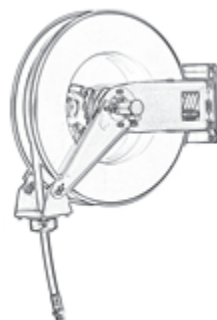


### OVERALL DIMENSIONS FIXED

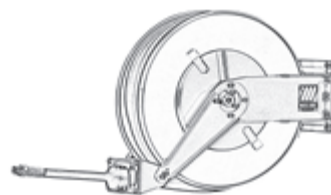
Mod.	A	B	C	D	E	F	G	H			
<b>F-400</b>	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
<b>F-460</b>	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
<b>F-550</b>	200	150	225	270	120	590	550	600	22,00<28,00	0,085	1



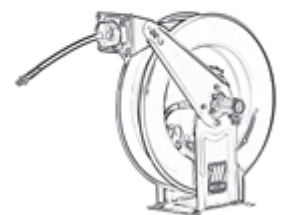
Wall application with inside output hose



Wall application with outside output hose



Wall and ceiling application with frontal output hose



Application bench with frontal output hose



# AUTOMATIC HOSE REELS VARNISHED SWIVELLING FOR AIR-WATER 20 bar



Equipped with:

- Polyurethane blue hoses
- Nickel-plated brass connections
- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
071-1201-300	Without hose	-	F3/8" G - M3/8" G
071-1201-400	Without hose	-	M1/2" G - M1/2" G
071-1201-215	15 m	8x12	F3/8" G - M1/4" G gir.
071-1201-220	20 m	8x12	F3/8" G - M1/4" G gir.
071-1201-310	10 m	10x14	F3/8" G - M3/8" G
071-1201-315	15 m	10x14	F3/8" G - M3/8" G
071-1201-410	10 m	13x19	M1/2" G - M1/2" G

**S-400**



071-1301-400	Without hose	-	M1/2" G - M1/2" G
071-1301-320	20 m	10X14	M1/2" G - M3/8" G
071-1301-415	15 m	13X19	M1/2" G - M1/2" G
071-1301-418	18 m	13X19	M1/2" G - M1/2" G

**S-460**






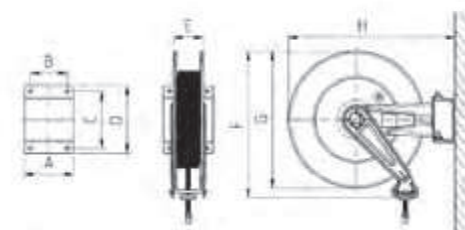
071-1401-400	Without hose	-	M1/2" G - M1/2" G
071-1401-420	20 m	13X19	M1/2" G - M1/2" G
071-1401-425	25 m	13X19	M1/2" G - M1/2" G

**S-550**

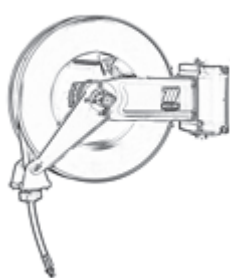


## OVERALL DIMENSIONS SWIVELLING

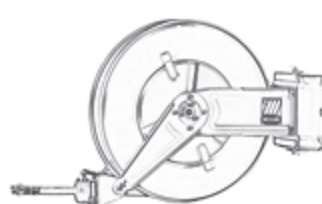
Mod.	A	B	C	D	E	F	G	H			
S-400	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
S-460	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
S-550	200	150	225	270	120	590	550	680	23,00<29,00	0,085	1



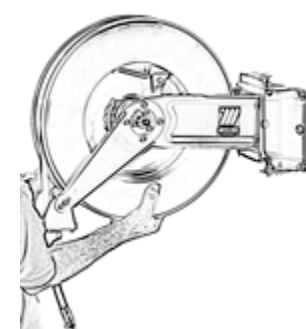
Wall application with inside output hose



Wall application with outside 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

## AUTOMATIC HOSE REELS VARNISHED FIXED FOR AIR-WATER 20 bar

Equipped with:

- Synthetic black rubber hoses R6
- Galvanized connections
- Swivelling joint 90° nickel-plated brass
- Viton seals



**F-400**

Article	Hose length	Ø hose	Inlet-outlet
070-1201-300	Without hose	-	F3/8" G - M3/8" G
070-1201-400	Without hose	-	M1/2" G - M1/2" G
070-1202-212	12 m	5/16"	F3/8" G - M1/4" G
070-1202-218	18 m	5/16"	F3/8" G - M1/4" G
070-1202-310	10 m	3/8"	F3/8" G - M3/8" G
070-1202-318	18 m	3/8"	F3/8" G - M3/8" G
070-1202-410	10 m	1/2"	M1/2" G - M1/2" G



**F-460**

070-1301-400	Without hose	-	M1/2" G - M1/2" G
070-1302-320	20 m	3/8"	M1/2" G - M3/8" G
070-1302-415	15 m	1/2"	M1/2" G - M1/2" G
070-1302-418	18 m	1/2"	M1/2" G - M1/2" G



**F-550**

070-1401-400	Without hose	-	M1/2" G - M1/2" G
070-1402-420	20 m	1/2"	M1/2" G - M1/2" G
070-1402-425	25 m	1/2"	M1/2" G - M1/2" G



**F-555**




070-1502-400	Without hose	-	M1/2" G - M1/2" G
070-1502-600	Without hose	-	F1" G - M1" G
070-1502-430	30 m	1/2"	M1/2" G - M1/2" G
070-1502-515	15 m	3/4"	F3/4" G - M3/4" G
070-1502-520	20 m	3/4"	F3/4" G - M3/4" G
070-1502-615	15 m	1"	F1" G - M1" G

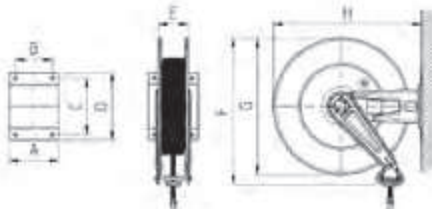


**F-560**

070-1602-600	Without hose	-	F1" G - M1" G
070-1602-530	30 m	3/4"	F3/4" G - M3/4" G
070-1602-540	40 m	3/4"	F3/4" G - M3/4" G
070-1602-620	20 m	1"	F1" G - M1" G
070-1602-630	30 m	1"	F1" G - M1" G

### OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H	 Kg	 m <sup>3</sup>	 m <sup>3</sup>
F-400	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
F-460	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
F-550	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
F-555	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1
F-560	440	390	225	270	360	590	550	600	33,00<83,00	0,180	1



# AUTOMATIC HOSE REELS VARNISHED SWIVELLING FOR AIR-WATER 20 bar



Equipped with:

- Synthetic black rubber hoses R6
- Galvanized connections
- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
071-1201-300	Without hose	-	F3/8"G - M3/8"G
071-1201-400	Without hose	-	M1/2"G - M1/2"G
071-1202-212	12 m	5/16"	F3/8"G - M1/4"G
071-1202-218	18 m	5/16"	F3/8"G - M1/4"G
071-1202-310	10 m	3/8"	F3/8"G - M3/8"G
071-1202-318	18 m	3/8"	F3/8"G - M3/8"G
071-1202-410	10 m	1/2"	M1/2"G - M1/2"G

071-1301-400	Without hose	-	M1/2"G - M1/2"G
071-1302-320	20 m	3/8"	M1/2"G - M3/8"G
071-1302-415	15 m	1/2"	M1/2"G - M1/2"G
071-1302-418	18 m	1/2"	M1/2"G - M1/2"G

071-1401-400	Without hose	-	M1/2"G - M1/2"G
071-1402-420	20 m	1/2"	M1/2"G - M1/2"G
071-1402-425	25 m	1/2"	M1/2"G - M1/2"G

071-1502-400	Without hose	-	M1/2"G - M1/2"G
071-1502-600	Without hose	-	F1"G - M1"G
071-1502-430	30 m	1/2"	M1/2"G - M1/2"G
071-1502-515	15 m	3/4"	F3/4"G - M3/4"G
071-1502-520	20 m	3/4"	F3/4"G - M3/4"G
071-1502-615	15 m	1"	F1"G - M1"G

S-400



S-460



S-550

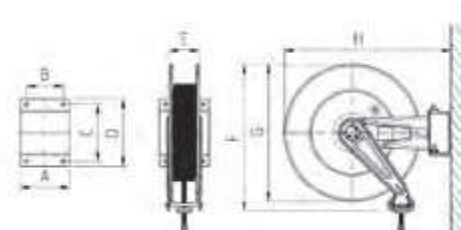


S-555



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
S-400	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
S-460	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
S-550	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1
S-555	250	200	225	270	170	590	550	680	27,00<54,00	0,100	1



# AUTOMATIC HOSE REELS VARNISHED FIXED FOR WATER 150 °C 200 bar

Equipped with:

- Synthetic rubber hoses no trace blue 1SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals



## F-400

Article	Hose length	Ø hose	Inlet-outlet
070-1205-300	Without hose	-	M3/8"G - M3/8"G
070-1205-400	Without hose	-	M1/2"G - M1/2"G
070-1204-210	10 m	5/16"	M3/8"G - F3/8"G
070-1204-215	15 m	5/16"	M3/8"G - F3/8"G
070-1204-310	10 m	3/8"	M3/8"G - F3/8"G
070-1204-410	10 m	1/2"	M1/2"G - F1/2"G

## F-460

070-1305-300	Without hose	-	M3/8"G - M3/8"G
070-1305-400	Without hose	-	M1/2"G - M1/2"G
070-1304-220	20 m	5/16"	M3/8"G - F3/8"G
070-1304-315	15 m	3/8"	M3/8"G - F3/8"G
070-1304-318	18 m	3/8"	M3/8"G - F3/8"G
070-1304-415	15 m	1/2"	M1/2"G - F1/2"G

## F-550

070-1405-300	Without hose	-	M3/8"G - M3/8"G
070-1405-400	Without hose	-	M1/2"G - M1/2"G
070-1404-320	20 m	3/8"	M3/8"G - F3/8"G
070-1404-325	25 m	3/8"	M3/8"G - F3/8"G
070-1404-420	20 m	1/2"	M1/2"G - F1/2"G




## F-555

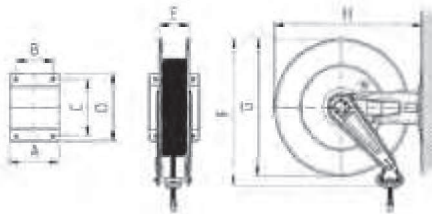
070-1505-300	Without hose	-	M3/8"G - M3/8"G
070-1505-400	Without hose	-	M1/2"G - M1/2"G
070-1504-330	30 m	3/8"	M3/8"G - F3/8"G
070-1504-425	25 m	1/2"	M1/2"G - F1/2"G
070-1504-430	30 m	1/2"	M1/2"G - F1/2"G

## F-560

070-1605-400	Without hose	-	M1/2"G - M1/2"G
070-1604-340	40 m	3/8"	M1/2"G - F3/8"G
070-1604-440	40 m	1/2"	M1/2"G - F1/2"G

### OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H			
F-400	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
F-460	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
F-550	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
F-555	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1
F-560	440	390	225	270	360	590	550	600	33,00<83,00	0,180	1



# AUTOMATIC HOSE REELS VARNISHED SWIVELLING FOR WATER 150 °C 200 bar



Equipped with:

- Synthetic rubber hoses no trace blue 1SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
071-1205-300	Without hose	-	M3/8"G - M3/8"G
071-1205-400	Without hose	-	M1/2"G - M1/2"G
071-1204-210	10 m	5/16"	M3/8"G - F3/8"G
071-1204-215	15 m	5/16"	M3/8"G - F3/8"G
071-1204-310	10 m	3/8"	M3/8"G - F3/8"G
071-1204-410	10 m	1/2"	M1/2"G - F1/2"G

**S-400**



071-1305-300	Without hose	-	M3/8"G - M3/8"G
071-1305-400	Without hose	-	M1/2"G - M1/2"G
071-1304-220	20 m	5/16"	M3/8"G - F3/8"G
071-1304-315	15 m	3/8"	M3/8"G - F3/8"G
071-1304-318	18 m	3/8"	M3/8"G - F3/8"G
071-1304-415	15 m	1/2"	M1/2"G - F1/2"G

**S-460**



071-1405-300	Without hose	-	M3/8"G - M3/8"G
071-1405-400	Without hose	-	M1/2"G - M1/2"G
071-1404-320	20 m	3/8"	M3/8"G - F3/8"G
071-1404-325	25 m	3/8"	M3/8"G - F3/8"G
071-1404-420	20 m	1/2"	M1/2"G - F1/2"G

**S-550**



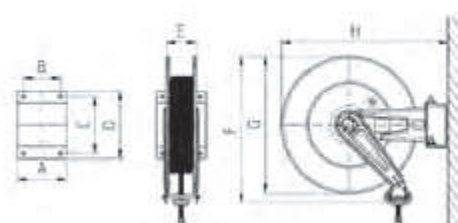
071-1505-300	Without hose	-	M3/8"G - M3/8"G
071-1505-400	Without hose	-	M1/2"G - M1/2"G
071-1504-330	30 m	3/8"	M3/8"G - F3/8"G
071-1504-425	25 m	1/2"	M1/2"G - F1/2"G
071-1504-430	30 m	1/2"	M1/2"G - F1/2"G

**S-555**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
S-400	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
S-460	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
S-550	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1
S-555	250	200	225	270	170	590	550	680	27,00<54,00	0,100	1



# AUTOMATIC HOSE REELS VARNISHED FIXED FOR WATER 150 °C 400 bar

Equipped with:

- Synthetic rubber hoses no trace blue 2SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals



**F-400**

Article	Hose length	Ø hose	Inlet-outlet
070-1205-300	Without hose	-	M3/8"G - M3/8"G
070-1205-400	Without hose	-	M1/2"G - M1/2"G
070-1205-210	10 m	5/16"	M3/8"G - F3/8"G
070-1205-215	15 m	5/16"	M3/8"G - F3/8"G
070-1205-310	10 m	3/8"	M3/8"G - F3/8"G
070-1205-410	10 m	1/2"	M1/2"G - F1/2"G



**F-460**

070-1305-300	Without hose	-	M3/8"G - M3/8"G
070-1305-400	Without hose	-	M1/2"G - M1/2"G
070-1305-220	20 m	5/16"	M3/8"G - F3/8"G
070-1305-315	15 m	3/8"	M3/8"G - F3/8"G
070-1305-318	18 m	3/8"	M3/8"G - F3/8"G
070-1305-415	15 m	1/2"	M1/2"G - F1/2"G



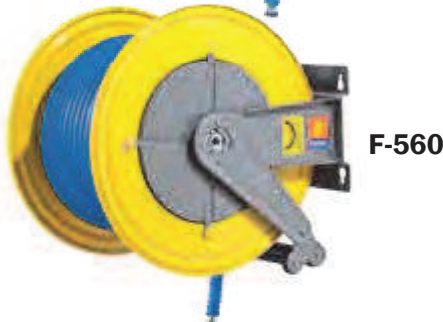
**F-550**

070-1405-300	Without hose	-	M3/8"G - M3/8"G
070-1405-400	Without hose	-	M1/2"G - M1/2"G
070-1405-320	20 m	3/8"	M3/8"G - F3/8"G
070-1405-325	25 m	3/8"	M3/8"G - F3/8"G
070-1405-420	20 m	1/2"	M1/2"G - F1/2"G



**F-555**




070-1505-300	Without hose	-	M3/8"G - M3/8"G
070-1505-400	Without hose	-	M1/2"G - M1/2"G
070-1505-330	30 m	3/8"	M3/8"G - F3/8"G
070-1505-425	25 m	1/2"	M1/2"G - F1/2"G
070-1505-430	30 m	1/2"	M1/2"G - F1/2"G

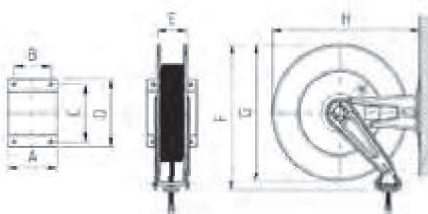


**F-560**

070-1605-400	Without hose	-	M1/2"G - M1/2"G
070-1605-340	40 m	3/8"	M1/2"G - F3/8"G
070-1605-440	40 m	1/2"	M1/2"G - F1/2"G

## OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H	 Kg	 m <sup>3</sup>	
<b>F-400</b>	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
<b>F-460</b>	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
<b>F-550</b>	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
<b>F-555</b>	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1
<b>F-560</b>	440	390	225	270	360	590	550	600	33,00<83,00	0,180	1



# AUTOMATIC HOSE REELS VARNISHED SWIVELLING FOR WATER 150 °C 400 bar



Equipped with:

- Synthetic rubber hoses no trace blue 2SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
071-1205-300	Without hose	-	M3/8"G - M3/8"G
071-1205-400	Without hose	-	M1/2"G - M1/2"G
071-1205-210	10 m	5/16"	M3/8"G - F3/8"G
071-1205-215	15 m	5/16"	M3/8"G - F3/8"G
071-1205-310	10 m	3/8"	M3/8"G - F3/8"G
071-1205-410	10 m	1/2"	M1/2"G - F1/2"G

**S-400**



071-1305-300	Without hose	-	M3/8"G - M3/8"G
071-1305-400	Without hose	-	M1/2"G - M1/2"G
071-1305-220	20 m	5/16"	M3/8"G - F3/8"G
071-1305-315	15 m	3/8"	M3/8"G - F3/8"G
071-1305-318	18 m	3/8"	M3/8"G - F3/8"G
071-1305-415	15 m	1/2"	M1/2"G - F1/2"G

**S-460**



071-1405-300	Without hose	-	M3/8"G - M3/8"G
071-1405-400	Without hose	-	M1/2"G - M1/2"G
071-1405-320	20 m	3/8"	M3/8"G - F3/8"G
071-1405-325	25 m	3/8"	M3/8"G - F3/8"G
071-1405-420	20 m	1/2"	M1/2"G - F1/2"G

**S-550**






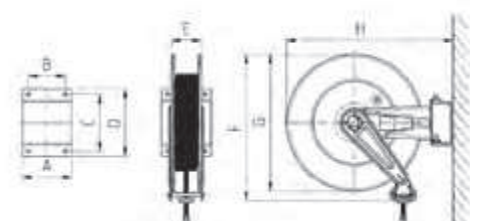
071-1505-300	Without hose	-	M3/8"G - M3/8"G
071-1505-400	Without hose	-	M1/2"G - M1/2"G
071-1505-330	30 m	3/8"	M3/8"G - F3/8"G
071-1505-425	25 m	1/2"	M1/2"G - F1/2"G
071-1505-430	30 m	1/2"	M1/2"G - F1/2"G

**S-555**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
<b>S-400</b>	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
<b>S-460</b>	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
<b>S-550</b>	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1
<b>S-555</b>	250	200	225	270	170	590	550	680	27,00<54,00	0,100	1



## AUTOMATIC HOSE REELS VARNISHED FIXED FOR OIL 160 bar

- Equipped with:
- Synthetic black rubber hoses 1SC
  - Galvanized connections
  - Swivelling joint 90° galvanized
  - Polyurethane seals



**F-400**

Article	Hose length	Ø hose	Inlet-outlet
070-1206-400	Without hose	-	M1/2"G - M1/2"G
070-1206-310	10 m	3/8"	M1/2"G - M1/2"G
070-1206-410	10 m	1/2"	M1/2"G - M1/2"G



**F-460**

Article	Hose length	Ø hose	Inlet-outlet
070-1306-400	Without hose	-	M1/2"G - M1/2"G
070-1306-315	15 m	3/8"	M1/2"G - M1/2"G
070-1306-415	15 m	1/2"	M1/2"G - M1/2"G
070-1306-418	18 m	1/2"	M1/2"G - M1/2"G



**F-550**

Article	Hose length	Ø hose	Inlet-outlet
070-1406-400	Without hose	-	M1/2"G - M1/2"G
070-1406-420	20 m	1/2"	M1/2"G - M1/2"G
070-1406-425	25 m	1/2"	M1/2"G - M1/2"G



**F-555**




Article	Hose length	Ø hose	Inlet-outlet
070-1506-400	Without hose	-	M1/2"G - M1/2"G
070-1506-500	Without hose	-	M3/4"G - M3/4"G
070-1506-600	Without hose	-	M1"G - M1"G
070-1506-430	30 m	1/2"	M1/2"G - M1/2"G
070-1506-515	15 m	3/4"	M3/4"G - M3/4"G
070-1506-520	20 m	3/4"	M3/4"G - M3/4"G
070-1506-615	15 m	1"	M1"G - M1"G

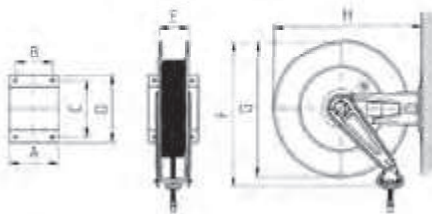


**F-560**

Article	Hose length	Ø hose	Inlet-outlet
070-1606-500	Without hose	-	M3/4"G - M3/4"G
070-1606-600	Without hose	-	M1"G - M1"G
070-1606-525	25 m	3/4"	M3/4"G - M3/4"G
070-1606-530	30 m	3/4"	M3/4"G - M3/4"G
070-1606-620	20 m	1"	M1"G - M1"G
070-1606-630	30 m	1"	M1"G - M1"G

### OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H			
<b>F-400</b>	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
<b>F-460</b>	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
<b>F-550</b>	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
<b>F-555</b>	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1
<b>F-560</b>	440	390	225	270	360	590	550	600	33,00<83,00	0,180	1





# AUTOMATIC HOSE REELS VARNISHED SWIVELLING FOR OIL 160 bar



Equipped with:

- Synthetic black rubber hoses 1SC
- Galvanized connections
- Swivelling joint 90° galvanized
- Polyurethane seals

Article	Hose length	Ø hose	Inlet-outlet
071-1206-400	Without hose	-	M1/2"G - M1/2"G
071-1206-310	10 m	3/8"	M1/2"G - M1/2"G
071-1206-410	10 m	1/2"	M1/2"G - M1/2"G

**S-400**



071-1306-400	Without hose	-	M1/2"G - M1/2"G
071-1306-315	15 m	3/8"	M1/2"G - M1/2"G
071-1306-415	15 m	1/2"	M1/2"G - M1/2"G
071-1306-418	18 m	1/2"	M1/2"G - M1/2"G

**S-460**



071-1406-400	Without hose	-	M1/2"G - M1/2"G
071-1406-420	20 m	1/2"	M1/2"G - M1/2"G
071-1406-425	25 m	1/2"	M1/2"G - M1/2"G

**S-550**



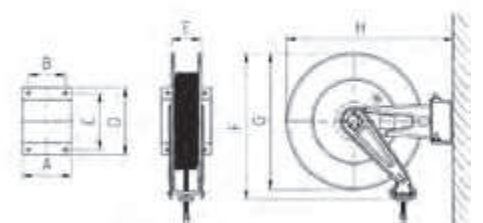
071-1506-400	Without hose	-	M1/2"G - M1/2"G
071-1506-500	Without hose	-	M3/4"G - M3/4"G
071-1506-600	Without hose	-	M1"G - M1"G
071-1506-430	30 m	1/2"	M1/2"G - M1/2"G
071-1506-515	15 m	3/4"	M3/4"G - M3/4"G
071-1506-520	20 m	3/4"	M3/4"G - M3/4"G
071-1506-615	15 m	1"	M1"G - M1"G

**S-555**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
<b>S-400</b>	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
<b>S-460</b>	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
<b>S-550</b>	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1
<b>S-555</b>	250	200	225	270	170	590	550	680	27,00<54,00	0,100	1



## AUTOMATIC HOSE REELS VARNISHED FIXED FOR GREASE 600 bar

- Equipped with:
- Synthetic black rubber hoses 2SC
  - Galvanized connections
  - Swivelling joint 90° galvanized
  - Polyurethane seals



**F-400**

Article	Hose length	Ø hose	Inlet-outlet
070-1207-200	Without hose	-	M1/4"G - M1/4"G
070-1207-300	Without hose	-	M3/8"G - M3/8"G
070-1207-110	10 m	1/4"	M1/4"G - M1/4"G
070-1207-115	15 m	1/4"	M1/4"G - M1/4"G
070-1207-310	10 m	3/8"	M3/8"G - M1/4"G



**F-460**

070-1307-200	Without hose	-	M1/4"G - M1/4"G
070-1307-300	Without hose	-	M3/8"G - M3/8"G
070-1307-118	18 m	1/4"	M1/4"G - M1/4"G
070-1307-315	15 m	3/8"	M3/8"G - M1/4"G



**F-550**

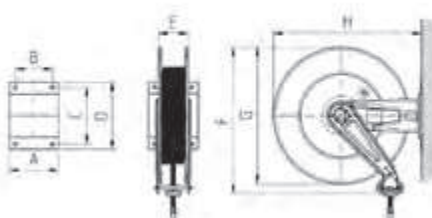
070-1407-300	Without hose	-	M3/8"G - M3/8"G
070-1407-320	20 m	3/8"	M3/8"G - M1/4"G
070-1407-325	25 m	3/8"	M3/8"G - M1/4"G






**F-555**

070-1507-300	Without hose	-	M3/8"G - M3/8"G
070-1507-330	30 m	3/8"	M3/8"G - M1/4"G

### OVERALL DIMENSIONS FIXED



Mod.	A	B	C	D	E	F	G	H			
<b>F-400</b>	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
<b>F-460</b>	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
<b>F-550</b>	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
<b>F-555</b>	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1

# AUTOMATIC HOSE REELS VARNISHED SWIVELLING FOR GREASE 600 bar



Equipped with:

- Synthetic black rubber hoses 2SC
- Galvanized connections
- Swivelling joint 90° galvanized
- Polyurethane seals

Article	Hose length	Ø hose	Inlet-outlet
071-1207-200	Without hose	-	M1/4"G - M1/4"G
071-1207-300	Without hose	-	M3/8"G - M3/8"G
071-1207-110	10 m	1/4"	M1/4"G - M1/4"G
071-1207-115	15 m	1/4"	M1/4"G - M1/4"G
071-1207-310	10 m	3/8"	M3/8"G - M1/4"G

**S-400**



071-1307-200	Without hose	-	M1/4"G - M1/4"G
071-1307-300	Without hose	-	M3/8"G - M3/8"G
071-1307-118	18 m	1/4"	M1/4"G - M1/4"G
071-1307-315	15 m	3/8"	M3/8"G - M1/4"G

**S-460**



071-1407-300	Without hose	-	M3/8"G - M3/8"G
071-1407-320	20 m	3/8"	M3/8"G - M1/4"G
071-1407-325	25 m	3/8"	M3/8"G - M1/4"G

**S-550**



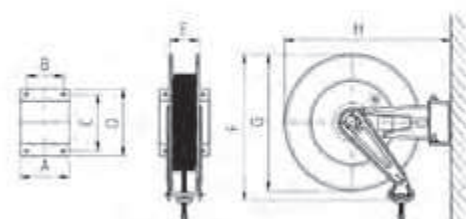
071-1507-300	Without hose	-	M3/8"G - M3/8"G
071-1507-330	30 m	3/8"	M3/8"G - M1/4"G

**S-555**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H	Kg	m³	1
S-400	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
S-460	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
S-550	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1
S-555	250	200	225	270	170	590	550	680	27,00<54,00	0,100	1



## AUTOMATIC HOSE REELS VARNISHED FIXED FOR DIESEL 10 bar

Equipped with:

- Antistatic black rubber hoses
- Galvanized connections
- Swivelling joint 90° galvanized
- Viton seals



**F-550**

Article	Delivery	Hose length	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"	F1" G - M1" G
070-1408-515	85 l/min	15m	3/4"	F1" G - M1" G
070-1408-610	95 l/min	10m	1"	F1" G - M1" G



**F-555**

070-1508-600	95 l/min	Without hose	-	F1" G - M1" G
070-1508-520	83 l/min	20 m	3/4"	F1" G - M1" G
070-1508-615	90 l/min	15 m	1"	F1" G - M1" G






**F-560**

070-1608-600	95 l/min	Without hose	-	F1" G - M1" G
070-1608-530	80 l/min	30 m	3/4"	F1" G - M1" G
070-1608-540	75 l/min	40 m	3/4"	F1" G - M1" G
070-1608-620	87 l/min	20 m	1"	F1" G - M1" G
070-1608-630	85 l/min	30 m	1"	F1" G - M1" G



### OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H			
<b>F-550</b>	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
<b>F-555</b>	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1
<b>F-560</b>	440	390	225	270	360	590	550	600	33,00<83,00	0,180	1

# AUTOMATIC HOSE REELS VARNISHED SWIVELLING FOR DIESEL 10 bar



Equipped with:

- Antistatic black rubber hoses
- Galvanized connections
- Swivelling joint 90° galvanized
- Viton seals

Article	Delivery	Hose length	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"	F1" G - M1" G
071-1408-515	85 l/min	15m	3/4"	F1" G - M1" G
071-1408-610	95 l/min	10m	1"	F1" G - M1" G

S-550





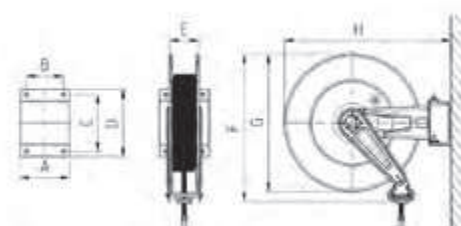
071-1508-600	95 l/min	Without hose	-	F1" G - M1" G
071-1508-520	83 l/min	20 m	3/4"	F1" G - M1" G
071-1508-615	90 l/min	15 m	1"	F1" G - M1" G

S-555



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H				
S-550	200	150	225	270	120	590	550	680	23,00	<45,00	0,085	1
S-555	250	200	225	270	170	590	550	680	27,00	<54,00	0,100	1





## AUTOMATIC HOSE REELS VARNISHED FIXED FOR ANTIFREEZE – WINDSCREEN – ADBLUE 20 bar

Equipped with:

- Antistatic black rubber hoses EPDM
- Stainless steel connections AISI 316
- Stainless steel swivelling joint 90° AISI 316
- Viton seals



**F-400**

Article	Hose length	Ø hose	Inlet-outlet
070-1209-400	Without hose	-	M1/2”G – M1/2”G
070-1209-410	10 m	1/2”	M1/2”G – M1/2”G



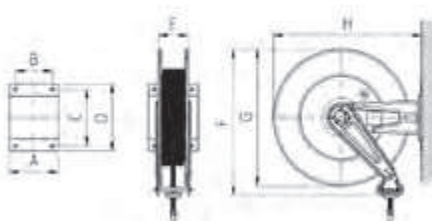
**F-460**

070-1309-400	Without hose	-	M1/2”G – M1/2”G
070-1309-415	15 m	1/2”	M1/2”G – M1/2”G






**F-550**

070-1409-500	Without hose	-	F3/4”G – M3/4”G
070-1409-510	10 m	3/4”	F3/4”G – M3/4”G
070-1409-515	15 m	3/4”	F3/4”G – M3/4”G



### OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H			
<b>F-400</b>	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
<b>F-460</b>	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
<b>F-550</b>	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1

# AUTOMATIC HOSE REELS VARNISHED SWIVELLING FOR ANTIFREEZE – WINDSCREEN – ADBLUE 20 bar



Equipped with:

- Antistatic black rubber hoses EPDM
- Stainless steel connections AISI 316
- Stainless steel swivelling joint 90° AISI 316
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
071-1209-400	Without hose	-	M1/2"G - M1/2"G
071-1209-410	10 m	1/2"	M1/2"G - M1/2"G

**S-400**



071-1309-400	Without hose	-	M1/2"G - M1/2"G
071-1309-415	15 m	1/2"	M1/2"G - M1/2"G

**S-460**






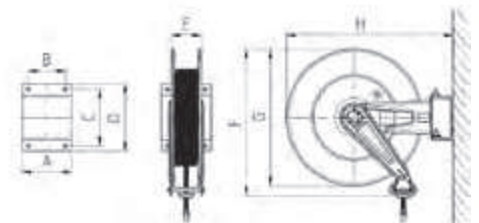
071-1409-500	Without hose	-	F3/4"G - M3/4"G
071-1409-510	10 m	3/4"	F3/4"G - M3/4"G
071-1409-515	15 m	3/4"	F3/4"G - M3/4"G

**S-550**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
S-400	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
S-460	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
S-550	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1



# AUTOMATIC HOSE REELS VARNISHED FIXED WITHOUT HOSE

## F-400



Article	Type of delivery fluid	Swivelling joint 90°	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	M1/2"G – M1/2"G
070-1205-300	Water 150° C 400 bar	stainless steel	viton	M3/8"G – M3/8"G
070-1205-400	Water 150° C 400 bar	stainless steel	viton	M1/2"G – M1/2"G
070-1206-400	Oil 160 bar	galvanized steel	polyurethane	M1/2"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
070-1209-400	Antifreeze-windscreen 20 bar	Stainless steel	viton	M1/2"G – M1/2"G

## F-460



070-1301-400	Air-water 20 bar	brass	viton	M1/2"G – M1/2"G
070-1305-300	Water 150° C 400 bar	stainless steel	viton	M3/8"G – M3/8"G
070-1305-400	Water 150° C 400 bar	stainless steel	viton	M1/2"G – M1/2"G
070-1306-400	Oil 160 bar	galvanized steel	polyurethane	M1/2"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
070-1309-400	Antifreeze-windscreen 20 bar	stainless steel	viton	M1/2"G – M1/2"G

## F-550



070-1401-400	Air-water 20 bar	brass	viton	M1/2"G – M1/2"G
070-1405-300	Water 150° C 400 bar	stainless steel	viton	M3/8"G – M3/8"G
070-1405-400	Water 150° C 400 bar	stainless steel	viton	M1/2"G – M1/2"G
070-1406-400	Oil 160 bar	galvanized steel	polyurethane	M1/2"G – M1/2"G
070-1407-300	Grease 600 bar	galvanized steel	polyurethane	M3/8"G – M3/8"G
070-1408-600	Diesel 10 bar	galvanized steel	viton	F1"G – M1"G
070-1409-500	Adblue 20 bar	stainless steel	viton	F3/4"G – M3/4"G

## F-555






070-1502-400	Air-water 20 bar	brass	viton	M1/2"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	M3/8"G – M3/8"G
070-1505-400	Water 150° C 400 bar	stainless steel	viton	M1/2"G – M1/2"G
070-1506-400	Oil 160 bar	galvanized steel	polyurethane	M1/2"G – M1/2"G
070-1506-500	Oil 160 bar	galvanized steel	polyurethane	M3/4"G – M3/4"G
070-1506-600	Oil 160 bar	galvanized steel	polyurethane	M1"G – M1"G
070-1507-300	Grease 600 bar	galvanized steel	polyurethane	M3/8"G – M3/8"G
070-1508-600	Diesel 10 bar	galvanized steel	viton	F1"G – M1"G

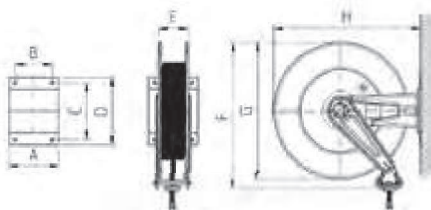
## F-560



070-1602-600	Air-water 20 bar	brass	viton	F1"G – M1"G
070-1605-400	Water 150° C 400 bar	stainless steel	viton	M1/2"G – M1/2"G
070-1606-500	Oil 160 bar	galvanized steel	polyurethane	M3/4"G – M3/4"G
070-1606-600	Oil 160 bar	galvanized steel	polyurethane	M1"G – M1"G
070-1608-600	Diesel 10 bar	galvanized steel	viton	F1"G – M1"G

### OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H			
F-400	158	120	168	192	95	450	400	435	12,50	0,046	1
F-460	158	120	168	192	95	480	460	500	16,50	0,060	1
F-550	200	150	225	270	120	590	550	600	22,00	0,085	1
F-555	250	200	225	270	170	590	550	600	26,00	0,100	1
F-560	440	390	225	270	360	590	550	600	33,00	0,180	1





# AUTOMATIC HOSE REELS VARNISHED SWIVELLING WITHOUT HOSE



Article	Type of delivery fluid	Swivelling joint 90°	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	M1/2"G – M1/2"G
071-1205-300	Water 150°C 400 bar	stainless steel	viton	M3/8"G – M3/8"G
071-1205-400	Water 150°C 400 bar	stainless steel	viton	M1/2"G – M1/2"G
071-1206-400	Oil 160 bar	galvanized steel	polyurethane	M1/2"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
071-1209-400	Antifreeze-windscreen 20 bar	Stainless steel	viton	M1/2"G – M1/2"G
071-1301-400	Air-water 20 bar	brass	viton	M1/2"G – M1/2"G
071-1305-300	Water 150°C 400 bar	stainless steel	viton	M3/8"G – M3/8"G
071-1305-400	Water 150°C 400 bar	stainless steel	viton	M1/2"G – M1/2"G
071-1306-400	Oil 160 bar	galvanized steel	polyurethane	M1/2"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
071-1309-400	Antifreeze-windscreen 20 bar	stainless steel	viton	M1/2"G – M1/2"G
071-1401-400	Air-water 20 bar	brass	viton	M1/2"G – M1/2"G
071-1405-300	Water 150°C 400 bar	stainless steel	viton	M3/8"G – M3/8"G
071-1405-400	Water 150°C 400 bar	stainless steel	viton	M1/2"G – M1/2"G
071-1406-400	Oil 160 bar	galvanized steel	polyurethane	M1/2"G – M1/2"G
071-1407-300	Grease 600 bar	galvanized steel	polyurethane	M3/8"G – M3/8"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
071-1502-400	Air-water 20 bar	brass	viton	M1/2"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	M3/8"G – M3/8"G
071-1505-400	Water 150°C 400 bar	stainless steel	viton	M1/2"G – M1/2"G
071-1506-400	Oil 160 bar	galvanized steel	polyurethane	M1/2"G – M1/2"G
071-1506-500	Oil 160 bar	galvanized steel	polyurethane	M3/4"G – M3/4"G
071-1506-600	Oil 160 bar	galvanized steel	polyurethane	M1"G – M1"G
071-1507-300	Grease 600 bar	galvanized steel	polyurethane	M3/8"G – M3/8"G
071-1508-600	Diesel 10 bar	galvanized steel	viton	F1"G – M1"G

S-400



S-460



S-550

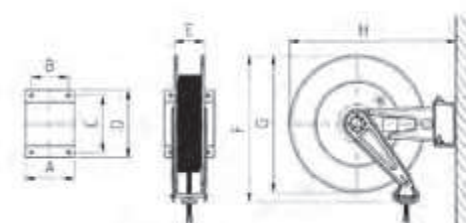


S-555



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H	Kg	m <sup>3</sup>	W
S-400	150	120	168	196	95	450	400	510	13,50	0,046	1
S-460	150	120	168	196	95	480	460	575	17,50	0,060	1
S-550	200	150	225	270	120	590	550	680	23,00	0,085	1
S-555	250	200	225	270	170	590	550	680	27,00	0,100	1





# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 FIXED FOR AIR-WATER 20 bar

- Equipped with:
- Polyurethane blue hoses
  - Nickel-plated brass connections
  - Swivelling joint 90° nickel-plated brass
  - Viton seals



FX-400	Article	Hose length	Ø hose	Inlet-outlet
	070-2201-300	Without hose	-	F3/8"G - M3/8"G
	070-2201-400	Without hose	-	M1/2"G - M1/2"G
	070-2201-215	15 m	8x12	F3/8"G - M1/4"G gir.
	070-2201-220	20 m	8x12	F3/8"G - M1/4"G gir.
	070-2201-310	10 m	10x14	F3/8"G - M3/8"G
	070-2201-315	15 m	10x14	F3/8"G - M3/8"G
	070-2201-410	10 m	13x19	M1/2"G - M1/2"G






FX-460	Article	Hose length	Ø hose	Inlet-outlet
	070-2301-400	Without hose	-	M1/2"G - M1/2"G
	070-2301-320	20 m	10X14	M1/2"G - M3/8"G
	070-2301-415	15 m	13X19	M1/2"G - M1/2"G
	070-2301-418	18 m	13X19	M1/2"G - M1/2"G



FX-550	Article	Hose length	Ø hose	Inlet-outlet
	070-2401-400	Without hose	-	M1/2"G - M1/2"G
	070-2401-420	20 m	13X19	M1/2"G - M1/2"G
	070-2401-425	25 m	13X19	M1/2"G - M1/2"G



## OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H			
FX-400	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
FX-460	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
FX-550	200	150	225	270	120	590	550	600	22,00<28,00	0,085	1

# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 SWIVELLING FOR AIR-WATER 20 bar



Equipped with:

- Polyurethane blue hoses
- Nickel-plated brass connections
- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
071-2201-300	Without hose	-	F3/8"G - M3/8"G
071-2201-400	Without hose	-	M1/2"G - M1/2"G
071-2201-215	15 m	8x12	F3/8"G - M1/4"G gir.
071-2201-220	20 m	8x12	F3/8"G - M1/4"G gir.
071-2201-310	10 m	10x14	F3/8"G - M3/8"G
071-2201-315	15 m	10x14	F3/8"G - M3/8"G
071-2201-410	10 m	13x19	M1/2"G - M1/2"G

**SX-400**



071-2301-400	Without hose	-	M1/2"G - M1/2"G
071-2301-320	20 m	10X14	M1/2"G - M3/8"G
071-2301-415	15 m	13X19	M1/2"G - M1/2"G
071-2301-418	18 m	13X19	M1/2"G - M1/2"G

**SX-460**






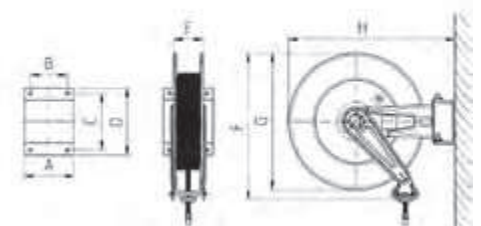
071-2401-400	Without hose	-	M1/2"G - M1/2"G
071-2401-420	20 m	13X19	M1/2"G - M1/2"G
071-2401-425	25 m	13X19	M1/2"G - M1/2"G

**SX-550**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H				
SX-400	150	120	168	196	95	450	400	510	13,50	<20,50	0,046	1
SX-460	150	120	168	196	95	480	460	575	17,50	<24,00	0,060	1
SX-550	200	150	225	270	120	590	550	680	23,00	<29,00	0,085	1






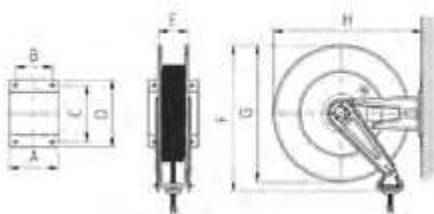
- Equipped with:
- Synthetic black rubber hoses R6
  - Galvanized connections
  - Swivelling joint 90° nickel-plated brass
  - Viton seals



Article	Hose length	Ø hose	Inlet-outlet
<b>FX-400</b>			
070-2201-300	Without hose	-	F3/8"G - M3/8"G
070-2201-400	Without hose	-	M1/2"G - M1/2"G
070-2202-212	12 m	5/16"	F3/8"G - M1/4"G
070-2202-218	18 m	5/16"	F3/8"G - M1/4"G
070-2202-310	10 m	3/8"	F3/8"G - M3/8"G
070-2202-318	18 m	3/8"	F3/8"G - M3/8"G
070-2202-410	10 m	1/2"	M1/2"G - M1/2"G
<b>FX-460</b>			
070-2301-400	Without hose	-	M1/2"G - M1/2"G
070-2302-320	20 m	3/8"	M1/2"G - M3/8"G
070-2302-415	15 m	1/2"	M1/2"G - M1/2"G
070-2302-418	18 m	1/2"	M1/2"G - M1/2"G
<b>FX-550</b>			
070-2401-400	Without hose	-	M1/2"G - M1/2"G
070-2402-420	20 m	1/2"	M1/2"G - M1/2"G
070-2402-425	25 m	1/2"	M1/2"G - M1/2"G
<b>FX-555</b>			
070-2502-400	Without hose	-	M1/2"G - M1/2"G
070-2502-600	Without hose	-	F1"G - M1"G
070-2502-430	30 m	1/2"	M1/2"G - M1/2"G
070-2502-515	15 m	3/4"	F3/4"G - M3/4"G
070-2502-520	20 m	3/4"	F3/4"G - M3/4"G
070-2502-615	15 m	1"	F1"G - M1"G
<b>FX-560</b>			
070-2602-600	Without hose	-	F1"G - M1"G
070-2602-530	30 m	3/4"	F3/4"G - M3/4"G
070-2602-540	40 m	3/4"	F3/4"G - M3/4"G
070-2602-620	20 m	1"	F1"G - M1"G
070-2602-630	30 m	1"	F1"G - M1"G

## OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H	 Kg	 m <sup>3</sup>	
FX-400	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
FX-460	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
FX-550	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
FX-555	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1
FX-560	440	390	225	270	360	590	550	600	33,00<83,00	0,180	1



# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 SWIVELLING FOR AIR-WATER 20 bar



Equipped with:

- Synthetic black rubber hoses R6
- Galvanized connections
- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
071-2201-300	Without hose	-	F3/8"G - M3/8"G
071-2201-400	Without hose	-	M1/2"G - M1/2"G
071-2202-212	12 m	5/16"	F3/8"G - M1/4"G
071-2202-218	18 m	5/16"	F3/8"G - M1/4"G
071-2202-310	10 m	3/8"	F3/8"G - M3/8"G
071-2202-318	18 m	3/8"	F3/8"G - M3/8"G
071-2202-410	10 m	1/2"	M1/2"G - M1/2"G
071-2301-400	Without hose	-	M1/2"G - M1/2"G
071-2302-320	20 m	3/8"	M1/2"G - M3/8"G
071-2302-415	15 m	1/2"	M1/2"G - M1/2"G
071-2302-418	18 m	1/2"	M1/2"G - M1/2"G
071-2401-400	Without hose	-	M1/2"G - M1/2"G
071-2402-420	20 m	1/2"	M1/2"G - M1/2"G
071-2402-425	25 m	1/2"	M1/2"G - M1/2"G
071-2502-400	Without hose	-	M1/2"G - M1/2"G
071-2502-600	Without hose	-	F1"G - M1"G
071-2502-430	30 m	1/2"	M1/2"G - M1/2"G
071-2502-515	15 m	3/4"	F3/4"G - M3/4"G
071-2502-520	20 m	3/4"	F3/4"G - M3/4"G
071-2502-615	15 m	1"	F1"G - M1"G

**SX-400**



**SX-460**



**SX-550**

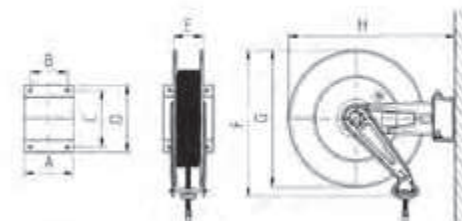


**SX-555**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
SX-400	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
SX-460	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
SX-550	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1
SX-555	250	200	225	270	170	590	550	680	27,00<54,00	0,100	1



# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 FIXED FOR WATER 150 °C 200 bar

Equipped with:

- Synthetic rubber hoses no trace blue 1SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals



**FX-400**

Article	Hose length	Ø hose	Inlet-outlet
070-2205-300	Without hose	-	M3/8"G - M3/8"G
070-2205-400	Without hose	-	M1/2"G - M1/2"G
070-2204-210	10 m	5/16"	M3/8"G - F3/8"G
070-2204-215	15 m	5/16"	M3/8"G - F3/8"G
070-2204-310	10 m	3/8"	M3/8"G - F3/8"G
070-2204-410	10 m	1/2"	M1/2"G - F1/2"G



**FX-460**

070-2305-300	Without hose	-	M3/8"G - M3/8"G
070-2305-400	Without hose	-	M1/2"G - M1/2"G
070-2304-220	20 m	5/16"	M3/8"G - F3/8"G
070-2304-315	15 m	3/8"	M3/8"G - F3/8"G
070-2304-318	18 m	3/8"	M3/8"G - F3/8"G
070-2304-415	15 m	1/2"	M1/2"G - F1/2"G



**FX-550**

070-2405-300	Without hose	-	M3/8"G - M3/8"G
070-2405-400	Without hose	-	M1/2"G - M1/2"G
070-2404-320	20 m	3/8"	M3/8"G - F3/8"G
070-2404-325	25 m	3/8"	M3/8"G - F3/8"G
070-2404-420	20 m	1/2"	M1/2"G - F1/2"G



**FX-555**




070-2505-300	Without hose	-	M3/8"G - M3/8"G
070-2505-400	Without hose	-	M1/2"G - M1/2"G
070-2504-330	30 m	3/8"	M3/8"G - F3/8"G
070-2504-425	25 m	1/2"	M1/2"G - F1/2"G
070-2504-430	30 m	1/2"	M1/2"G - F1/2"G

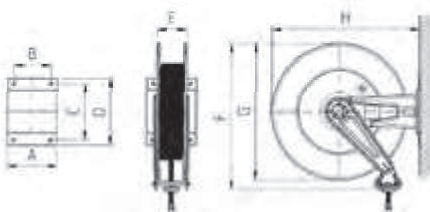


**FX-560**

070-2605-400	Without hose	-	M1/2"G - M1/2"G
070-2604-340	40 m	3/8"	M1/2"G - F3/8"G
070-2604-440	40 m	1/2"	M1/2"G - F1/2"G

## OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H			
FX-400	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
FX-460	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
FX-550	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
FX-555	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1
FX-560	440	390	225	270	360	590	550	600	33,00<83,00	0,180	1



# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 SWIVELLING FOR WATER 150 °C 200 bar



Equipped with:

- Synthetic rubber hoses no trace blue 1SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
071-2205-300	Without hose	-	M3/8"G - M3/8"G
071-2205-400	Without hose	-	M1/2"G - M1/2"G
071-2204-210	10 m	5/16"	M3/8"G - F3/8"G
071-2204-215	15 m	5/16"	M3/8"G - F3/8"G
071-2204-310	10 m	3/8"	M3/8"G - F3/8"G
071-2204-410	10 m	1/2"	M1/2"G - F1/2"G

**SX-400**



071-2305-300	Without hose	-	M3/8"G - M3/8"G
071-2305-400	Without hose	-	M1/2"G - M1/2"G
071-2304-220	20 m	5/16"	M3/8"G - F3/8"G
071-2304-315	15 m	3/8"	M3/8"G - F3/8"G
071-2304-318	18 m	3/8"	M3/8"G - F3/8"G
071-2304-415	15 m	1/2"	M1/2"G - F1/2"G

**SX-460**



071-2405-300	Without hose	-	M3/8"G - M3/8"G
071-2405-400	Without hose	-	M1/2"G - M1/2"G
071-2404-320	20 m	3/8"	M3/8"G - F3/8"G
071-2404-325	25 m	3/8"	M3/8"G - F3/8"G
071-2404-420	20 m	1/2"	M1/2"G - F1/2"G

**SX-550**



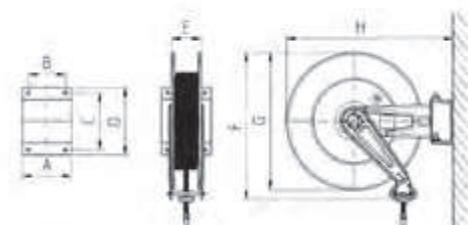
071-2505-300	Without hose	-	M3/8"G - M3/8"G
071-2505-400	Without hose	-	M1/2"G - M1/2"G
071-2504-330	30 m	3/8"	M3/8"G - F3/8"G
071-2504-425	25 m	1/2"	M1/2"G - F1/2"G
071-2504-430	30 m	1/2"	M1/2"G - F1/2"G

**SX-555**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
SX-400	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
SX-460	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
SX-550	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1
SX-555	250	200	225	270	170	590	550	680	27,00<54,00	0,100	1



Equipped with:

- Synthetic rubber hoses no trace blue 2SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals



## FX-400

Article	Hose length	Ø hose	Inlet-outlet
070-2205-300	Without hose	-	M3/8"G - M3/8"G
070-2205-400	Without hose	-	M1/2"G - M1/2"G
070-2205-210	10 m	5/16"	M3/8"G - F3/8"G
070-2205-215	15 m	5/16"	M3/8"G - F3/8"G
070-2205-310	10 m	3/8"	M3/8"G - F3/8"G
070-2205-410	10 m	1/2"	M1/2"G - F1/2"G

## FX-460

070-2305-300	Without hose	-	M3/8"G - M3/8"G
070-2305-400	Without hose	-	M1/2"G - M1/2"G
070-2305-220	20 m	5/16"	M3/8"G - F3/8"G
070-2305-315	15 m	3/8"	M3/8"G - F3/8"G
070-2305-318	18 m	3/8"	M3/8"G - F3/8"G
070-2305-415	15 m	1/2"	M1/2"G - F1/2"G

## FX-550

070-2405-300	Without hose	-	M3/8"G - M3/8"G
070-2405-400	Without hose	-	M1/2"G - M1/2"G
070-2405-320	20 m	3/8"	M3/8"G - F3/8"G
070-2405-325	25 m	3/8"	M3/8"G - F3/8"G
070-2405-420	20 m	1/2"	M1/2"G - F1/2"G




## FX-555

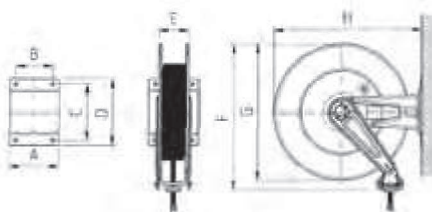
070-2505-300	Without hose	-	M3/8"G - M3/8"G
070-2505-400	Without hose	-	M1/2"G - M1/2"G
070-2505-330	30 m	3/8"	M3/8"G - F3/8"G
070-2505-425	25 m	1/2"	M1/2"G - F1/2"G
070-2505-430	30 m	1/2"	M1/2"G - F1/2"G

## FX-560

070-2605-400	Without hose	-	M1/2"G - M1/2"G
070-2605-340	40 m	3/8"	M1/2"G - F3/8"G
070-2605-440	40 m	1/2"	M1/2"G - F1/2"G

## OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H			
FX-400	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
FX-460	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
FX-550	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
FX-555	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1
FX-560	440	390	225	270	360	590	550	600	33,00<83,00	0,180	1





# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 SWIVELLING FOR WATER 150 °C 400 bar



Equipped with:

- Synthetic rubber hoses no trace blue 2SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
071-2205-300	Without hose	-	M3/8"G - M3/8"G
071-2205-400	Without hose	-	M1/2"G - M1/2"G
071-2205-210	10 m	5/16"	M3/8"G - F3/8"G
071-2205-215	15 m	5/16"	M3/8"G - F3/8"G
071-2205-310	10 m	3/8"	M3/8"G - F3/8"G
071-2205-410	10 m	1/2"	M1/2"G - F1/2"G

**SX-400**

071-2305-300	Without hose	-	M3/8"G - M3/8"G
071-2305-400	Without hose	-	M1/2"G - M1/2"G
071-2305-220	20 m	5/16"	M3/8"G - F3/8"G
071-2305-315	15 m	3/8"	M3/8"G - F3/8"G
071-2305-318	18 m	3/8"	M3/8"G - F3/8"G
071-2305-415	15 m	1/2"	M1/2"G - F1/2"G

**SX-460**

071-2405-300	Without hose	-	M3/8"G - M3/8"G
071-2405-400	Without hose	-	M1/2"G - M1/2"G
071-2405-320	20 m	3/8"	M3/8"G - F3/8"G
071-2405-325	25 m	3/8"	M3/8"G - F3/8"G
071-2405-420	20 m	1/2"	M1/2"G - F1/2"G

**SX-550**

071-2505-300	Without hose	-	M3/8"G - M3/8"G
071-2505-400	Without hose	-	M1/2"G - M1/2"G
071-2505-330	30 m	3/8"	M3/8"G - F3/8"G
071-2505-425	25 m	1/2"	M1/2"G - F1/2"G
071-2505-430	30 m	1/2"	M1/2"G - F1/2"G

**SX-555**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
SX-400	150	120	168	196	95	450	400	510	13,50<20,50	0,046	1
SX-460	150	120	168	196	95	480	460	575	17,50<24,00	0,060	1
SX-550	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1
SX-555	250	200	225	270	170	590	550	680	27,00<54,00	0,100	1





# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 FIXED FOR DIESEL 10 bar

- Equipped with:
- Antistatic black rubber hoses
  - Galvanized connections
  - Swivelling joint 90° galvanized
  - Viton seals



**FX-550**

Article	Delivery	Hose length	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"	F1" G - M1" G
070-2408-515	85 l/min	15m	3/4"	F1" G - M1" G
070-2408-610	95 l/min	10m	1"	F1" G - M1" G



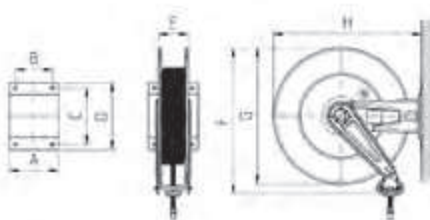
**FX-555**

070-2508-600	95 l/min	Without hose	-	F1" G - M1" G
070-2508-520	83 l/min	20 m	3/4"	F1" G - M1" G
070-2508-615	90 l/min	15 m	1"	F1" G - M1" G






**FX-560**

070-2608-600	95 l/min	Without hose	-	F1" G - M1" G
070-2608-530	80 l/min	30 m	3/4"	F1" G - M1" G
070-2608-540	75 l/min	40 m	3/4"	F1" G - M1" G
070-2608-620	87 l/min	20 m	1"	F1" G - M1" G
070-2608-630	85 l/min	30 m	1"	F1" G - M1" G



## OVERALL DIMENSIONS FIXED

Mod.	A	B	C	D	E	F	G	H	 Kg	 m <sup>3</sup>	
FX-550	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1
FX-555	250	200	225	270	170	590	550	600	26,00<53,00	0,100	1
FX-560	440	390	225	270	360	590	550	600	33,00<83,00	0,180	1

# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 SWIVELLING FOR DIESEL 10 bar



Equipped with:

- Antistatic black rubber hoses
- Galvanized connections
- Swivelling joint 90° galvanized
- Viton seals

Article	Delivery	Hose length	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"	F1" G - M1" G
071-2408-515	85 l/min	15m	3/4"	F1" G - M1" G
071-2408-610	95 l/min	10m	1"	F1" G - M1" G

**SX-550**






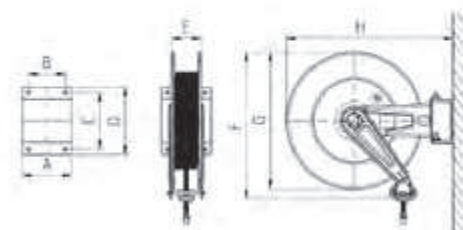
071-2508-600	95 l/min	Without hose	-	F1" G - M1" G
071-2508-520	83 l/min	20 m	3/4"	F1" G - M1" G
071-2508-615	90 l/min	15 m	1"	F1" G - M1" G

**SX-555**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
SX-550	200	150	225	270	120	590	550	680	23,00<45,00	0,085	1
SX-555	250	200	225	270	170	590	550	680	27,00<54,00	0,100	1





# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 FIXED FOR ANTIFREEZE – WINDSCREEN – ADBLUE 20 bar

Equipped with:

- Antistatic black rubber hoses EPDM
- Stainless steel connections AISI 316
- Stainless steel swivelling joint 90° AISI 316
- Viton seals



**FX-400**

Article	Hose length	Ø hose	Inlet-outlet
070-2209-400	Without hose	-	M1/2”G – M1/2”G
070-2209-410	10 m	1/2”	M1/2”G – M1/2”G



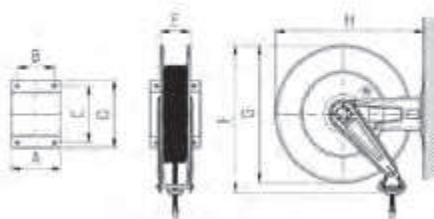
**FX-460**

070-2309-400	Without hose	-	M1/2”G – M1/2”G
070-2309-415	15 m	1/2”	M1/2”G – M1/2”G



**FX-550**

070-2409-500	Without hose	-	F3/4”G – M3/4”G
070-2409-510	10 m	3/4”	F3/4”G – M3/4”G
070-2409-515	15 m	3/4”	F3/4”G – M3/4”G



## OVERALL DIMENSIONS FIXED


Mod.	A	B	C	D	E	F	G	H			
FX-400	158	120	168	192	95	450	400	435	12,50<19,50	0,046	1
FX-460	158	120	168	192	95	480	460	500	16,50<23,00	0,060	1
FX-550	200	150	225	270	120	590	550	600	22,00<45,00	0,085	1

# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 SWIVELLING FOR ANTIFREEZE – WINDSCREEN – ADBLUE 20 bar




Equipped with:




- Antistatic black rubber hoses EPDM
- Stainless steel connections AISI 316
- Stainless steel swivelling joint 90° AISI 316
- Viton seals

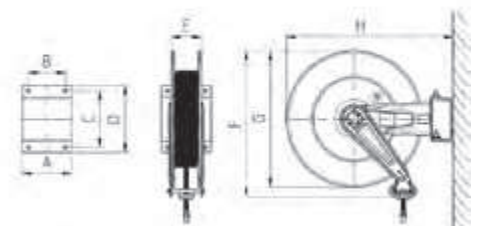
Article	Hose length	Ø hose	Inlet-outlet	SX-400
071-2209-400	Without hose	-	M1/2"G – M1/2"G	
071-2209-410	10 m	1/2"	M1/2"G – M1/2"G	

071-2309-400	Without hose	-	M1/2"G – M1/2"G	
071-2309-415	15 m	1/2"	M1/2"G – M1/2"G	

071-2409-500	Without hose	-	F3/4"G – M3/4"G	
071-2409-510	10 m	3/4"	F3/4"G – M3/4"G	
071-2409-515	15 m	3/4"	F3/4"G – M3/4"G	

## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H				
SX-400	150	120	168	196	95	450	400	510	13,50	<20,50	0,046	1
SX-460	150	120	168	196	95	480	460	575	17,50	<24,00	0,060	1
SX-550	200	150	225	270	120	590	550	680	23,00	<45,00	0,085	1



# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 FIXED WITHOUT HOSE



**FX-400**

Article	Type of delivery fluid	Swivelling joint 90°	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	M1/2"G - M1/2"G
070-2205-300	Water 150° C 400 bar	stainless steel	viton	M3/8"G - M3/8"G
070-2205-400	Water 150° C 400 bar	stainless steel	viton	M1/2"G - M1/2"G
070-2209-400	Antifreeze-windscreen 20 bar	stainless steel	viton	M1/2"G - M1/2"G



**FX-460**

070-2301-400	Air-water 20 bar	Brass	viton	M1/2"G - M1/2"G
070-2305-300	Water 150° C 400 bar	stainless steel	viton	M3/8"G - M3/8"G
070-2305-400	Water 150° C 400 bar	stainless steel	viton	M1/2"G - M1/2"G
070-2309-400	Antifreeze-windscreen 20 bar	stainless steel	viton	M1/2"G - M1/2"G



**FX-550**

070-2401-400	Air-water 20 bar	brass	viton	M1/2"G - M1/2"G
070-2405-300	Water 150° C 400 bar	stainless steel	viton	M3/8"G - M3/8"G
070-2405-400	Water 150° C 400 bar	stainless steel	viton	M1/2"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



**FX-555**

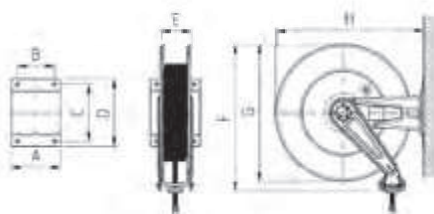
070-2502-400	Air-water 20 bar	brass	viton	M1/2"G - M1/2"G
070-2502-600	Air-water 20 bar	brass	viton	F1"G - M1"G
070-2505-300	Water 150° C 400 bar	stainless steel	viton	M3/8"G - M3/8"G
070-2505-400	Water 150° C 400 bar	stainless steel	viton	M1/2"G - M1/2"G
070-2508-600	Diesel 10 bar	galvanized steel	viton	F1"G - M1"G






**FX-560**

070-2602-600	Air-water 20 bar	brass	viton	F1"G - M1"G
070-2605-400	Water 150° C 400 bar	stainless steel	viton	M1/2"G - M1/2"G
070-2608-600	Diesel 10 bar	galvanized steel	viton	F1"G - M1"G

## OVERALL DIMENSIONS FIXED



Mod.	A	B	C	D	E	F	G	H			
FX-400	158	120	168	192	95	450	400	435	12,50	0,046	1
FX-460	158	120	168	192	95	480	460	500	16,50	0,060	1
FX-550	200	150	225	270	120	590	550	600	22,00	0,085	1
FX-555	250	200	225	270	170	590	550	600	26,00	0,100	1
FX-560	440	390	225	270	360	590	550	600	33,00	0,180	1

# STAINLESS STEEL AUTOMATIC HOSE REELS AISI 304 SWIVELLING WITHOUT HOSE



Article	Type of delivery fluid	Swivelling joint 90°	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	M1/2"G - M1/2"G
071-2205-300	Water 150°C 400 bar	stainless steel	viton	M3/8"G - M3/8"G
071-2205-400	Water 150°C 400 bar	stainless steel	viton	M1/2"G - M1/2"G
071-2209-400	Antifreeze-windscreen 20 bar	stainless steel	viton	M1/2"G - M1/2"G

**SX-400**



071-2301-400	Air-water 20 bar	Brass	viton	M1/2"G - M1/2"G
071-2305-300	Water 150°C 400 bar	stainless steel	viton	M3/8"G - M3/8"G
071-2305-400	Water 150°C 400 bar	stainless steel	viton	M1/2"G - M1/2"G
071-2309-400	Antifreeze-windscreen 20 bar	stainless steel	viton	M1/2"G - M1/2"G

**SX-460**



071-2401-400	Air-water 20 bar	brass	viton	M1/2"G - M1/2"G
071-2405-300	Water 150°C 400 bar	stainless steel	viton	M3/8"G - M3/8"G
071-2405-400	Water 150°C 400 bar	stainless steel	viton	M1/2"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

**SX-550**



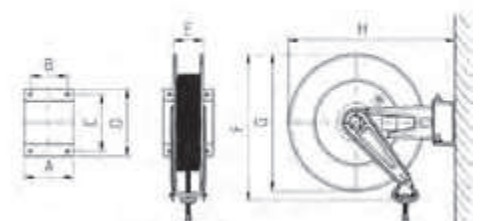
071-2502-400	Air-water 20 bar	brass	viton	M1/2"G - M1/2"G
071-2502-600	Air-water 20 bar	brass	viton	F1"G - M1"G
071-2505-300	Water 150°C 400 bar	stainless steel	viton	M3/8"G - M3/8"G
071-2505-400	Water 150°C 400 bar	stainless steel	viton	M1/2"G - M1/2"G
071-2508-600	Diesel 10 bar	galvanized steel	viton	F1"G - M1"G

**SX-555**



## OVERALL DIMENSIONS SWIVELLING

Mod.	A	B	C	D	E	F	G	H			
SX-400	150	120	168	196	95	450	400	510	13,50	0,046	1
SX-460	150	120	168	196	95	480	460	575	17,50	0,060	1
SX-550	200	150	225	270	120	590	550	680	23,00	0,085	1
SX-555	250	200	225	270	170	590	550	680	27,00	0,100	1





## CLOSED AUTOMATIC HOSE REELS

These closed automatic hose reels with spring, fixed or swivelling , in plastic, powder coated , stainless steel AISI 304 are suitable for flexible hoses for the delivery of compressed air, water, oil and similar, grease, diesel, antifreeze liquid, windscreen liquid.

The spring hose allows to untwist only the necessary length, improving the working and functionality.

The hose winding is fast and safe and it allows a work place which give the possibility to work in a free and tidy way, you have always a ready equipment giving to all staffs the warranty to work in a safety way.





**CLOSED HOSE REELS IN PLASTIC SWIVELLING FOR AIR-WATER 10 bar**

Equipped with:

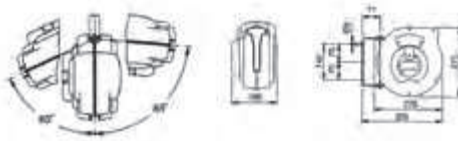
- Polyurethane blue hoses
- Nickel-plated brass connections
- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
075-3401-112	12+1 m	6x10	F1/4"G - M1/4"G
075-3401-209	9+1 m	8x12	F1/4"G - M1/4"G

CS-275



CS-275	3,400	0,018	1



**CLOSED HOSE REELS VARNISHED FIXED FOR AIR-WATER 20 bar**

Equipped with:

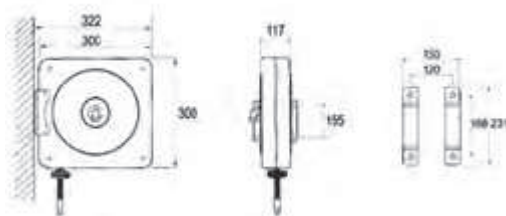
- Polyurethane blue hoses
- Nickel-plated brass connections
- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
074-4301-211	11+1,5 m	8x12	F1/4"G - M1/4"G gir.

CF-300



CF-300	11,700	0,026	1



**CLOSED HOSE REELS VARNISHED SWIVELLING FOR AIR-WATER 20 bar**

Equipped with:

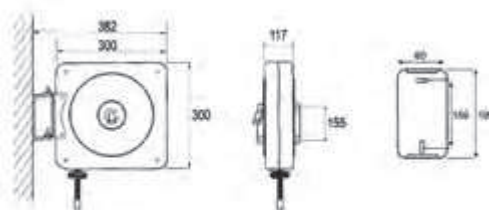
- Polyurethane blue hoses
- Nickel-plated brass connections
- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
075-4301-211	11+1,5 m	8x12	F1/4"G - M1/4"G gir.

CS-300



CS-300	12,440	0,026	1



## FOR AIR-WATER 20 bar

Equipped with:

- Synthetic black rubber hoses R6
- Galvanized connections
- Swivelling joint 90° nickel-plated brass
- Viton seals



CF-500

Article	Hose length	Ø hose	Inlet-outlet
074-4502-300	Without hose	-	F3/8"G - M3/8"G
074-4502-400	Without hose	-	M1/2"G - M1/2"G
074-4502-212	12 m	5/16"	F3/8"G - M1/4"G
074-4502-218	18 m	5/16"	F3/8"G - M1/4"G
074-4502-310	10 m	3/8"	F3/8"G - M3/8"G
074-4502-318	18 m	3/8"	F3/8"G - M3/8"G
074-4502-410	10 m	1/2"	M1/2"G - M1/2"G
074-4502-415	15 m	1/2"	M1/2"G - M1/2"G
074-4502-418	18 m	1/2"	M1/2"G - M1/2"G

## FOR WATER 150° C 200 bar

Equipped with:

- Synthetic rubber hoses no trace blue 1SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals



CF-500

Article	Hose length	Ø hose	Inlet-outlet
074-4505-300	Without hose	-	M3/8"G - M3/8"G
074-4504-210	10 m	5/16"	M3/8"G - M3/8"G
074-4504-215	15 m	5/16"	M3/8"G - M3/8"G
074-4504-310	10 m	3/8"	M3/8"G - F3/8"G
074-4504-315	15 m	3/8"	M3/8"G - F3/8"G
074-4504-318	18 m	3/8"	M3/8"G - F3/8"G

## FOR WATER 150° C 400 bar

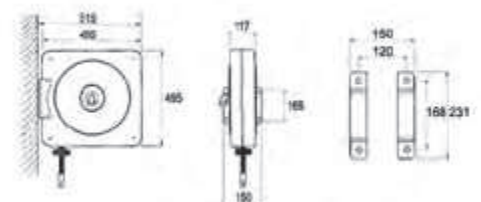
Equipped with:

- Synthetic rubber hoses no trace blue 2SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals



CF-500

Article	Hose length	Ø hose	Inlet-outlet
074-4505-300	Without hose	-	M3/8"G - M3/8"G
074-4505-310	10 m	3/8"	M3/8"G - F3/8"G
074-4505-315	15 m	3/8"	M3/8"G - F3/8"G
074-4505-318	18 m	3/8"	M3/8"G - F3/8"G



CF-500 22,900<29,850 0,060 1

**FOR AIR-WATER 20 bar**

Equipped with:

- Synthetic black rubber hoses R6
- Galvanized connections
- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
075-4502-300	Without hose	-	F3/8”G – M3/8”G
075-4502-400	Without hose	-	M1/2”G – M1/2”G
075-4502-212	12 m	5/16”	F3/8”G – M1/4”G
075-4502-218	18 m	5/16”	F3/8”G – M1/4”G
075-4502-310	10 m	3/8”	F3/8”G – M3/8”G
075-4502-318	18 m	3/8”	F3/8”G – M3/8”G
075-4502-410	10 m	1/2”	M1/2”G – M1/2”G
075-4502-415	15 m	1/2”	M1/2”G – M1/2”G
075-4502-418	18 m	1/2”	M1/2”G – M1/2”G

**CS-500**



**FOR WATER 150° C 200 bar**

Equipped with:

- Synthetic rubber hoses no trace blue 1SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
075-4505-300	Without hose	-	M3/8”G – M3/8”G
075-4504-210	10 m	5/16”	M3/8”G – M3/8”G
075-4504-215	15 m	5/16”	M3/8”G – M3/8”G
075-4504-310	10 m	3/8”	M3/8”G – F3/8”G
075-4504-315	15 m	3/8”	M3/8”G – F3/8”G
075-4504-318	18 m	3/8”	M3/8”G – F3/8”G

**CS-500**



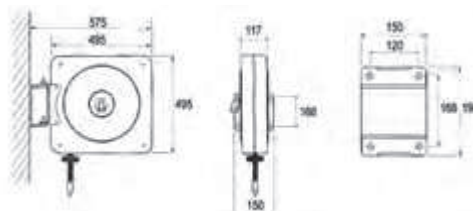
**FOR WATER 150° C 400 bar**

Equipped with:

- Synthetic rubber hoses no trace blue 2SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
075-4505-300	Without hose	-	M3/8”G – M3/8”G
075-4505-310	10 m	3/8”	M3/8”G – F3/8”G
075-4505-315	15 m	3/8”	M3/8”G – F3/8”G
075-4505-318	18 m	3/8”	M3/8”G – F3/8”G

**CS-500**



CS-500 23,600<30,550 0,060 1

## FOR OIL 160 bar

- Equipped with:
- Synthetic black rubber hoses 1SC
  - Galvanized connections
  - Swivelling joint 90° galvanized
  - Polyurethane seals



CF-500

Article	Hose length	Ø hose	Inlet-outlet
074-4506-400	Without hose	-	M1/2"G - M1/2"G
074-4506-410	10 m	1/2"	M1/2"G - M1/2"G
074-4506-415	15 m	1/2"	M1/2"G - M1/2"G
074-4506-418	18 m	1/2"	M1/2"G - M1/2"G

## FOR GREASE 600 bar

- Equipped with:
- Synthetic black rubber hoses 2SC
  - Galvanized connections
  - Swivelling joint 90° galvanized
  - Polyurethane seals



CF-500

Article	Hose length	Ø hose	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"	M1/4"G - M1/4"G
074-4507-115	15 m	1/4"	M1/4"G - M1/4"G
074-4507-118	18 m	1/4"	M1/4"G - M1/4"G
074-4507-310	10 m	3/8"	M3/8"G - M3/8"G
074-4507-315	15 m	3/8"	M3/8"G - M3/8"G

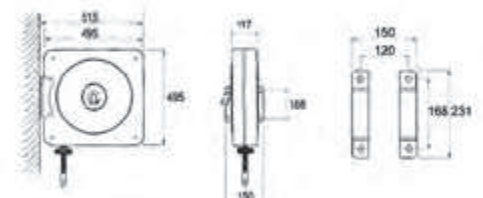
## FOR ANTIFREEZE AND WINDSCREEN 20 bar

- Equipped with:
- Antistatic black rubber hoses EPDM
  - Stainless steel connections AISI 316
  - Stainless steel swivelling joint 90° AISI 316
  - Viton seals



CF-500

Article	Hose length	Ø hose	Inlet-outlet
074-4509-400	Without hose	-	M1/2"G - M1/2"G
074-4509-410	10 m	1/2"	M1/2"G - M1/2"G
074-4509-415	15 m	1/2"	M1/2"G - M1/2"G



CF-500 22,900<29,850 0,060 1

**FOR OIL 160 bar**

Equipped with:

- Synthetic black rubber hoses 1SC
- Galvanized connections
- Swivelling joint 90° galvanized
- Polyurethane seals

Article	Hose length	Ø hose	Inlet-outlet
075-4506-400	Without hose	-	M1/2"G - M1/2"G
075-4506-410	10 m	1/2"	M1/2"G - M1/2"G
075-4506-415	15 m	1/2"	M1/2"G - M1/2"G
075-4506-418	18 m	1/2"	M1/2"G - M1/2"G

**CS-500**



**FOR GREASE 600 bar**

Equipped with:

- Synthetic black rubber hoses 2SC
- Galvanized connections
- Swivelling joint 90° galvanized
- Polyurethane seals

Article	Hose length	Ø hose	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"	M1/4"G - M1/4"G
075-4507-115	15 m	1/4"	M1/4"G - M1/4"G
075-4507-118	18 m	1/4"	M1/4"G - M1/4"G
075-4507-310	10 m	3/8"	M3/8"G - M3/8"G
075-4507-315	15 m	3/8"	M3/8"G - M3/8"G

**CS-500**



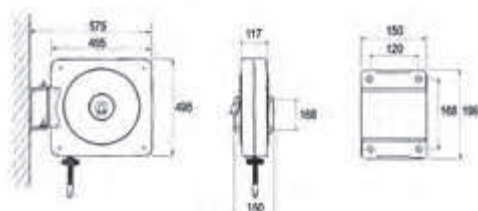
**FOR ANTFREEZE AND WINDSCREEN 20 bar**

Equipped with:

- Antistatic black rubber hoses EPDM
- Stainless steel connections AISI 316
- Stainless steel swivelling joint 90° AISI 316
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet
075-4509-400	Without hose	-	M1/2"G - M1/2"G
075-4509-410	10 m	1/2"	M1/2"G - M1/2"G
075-4509-415	15 m	1/2"	M1/2"G - M1/2"G

**CS-500**



CS-500

23,600<30,550

0,060

1

## FOR AIR-WATER 20 bar

Equipped with:

- Synthetic black rubber hoses R6
- Galvanized connections
- Swivelling joint 90° nickel-plated brass
- Viton seals



CFX-500	Article	Hose length	Ø hose	Inlet-outlet
	074-5502-300	Without hose	-	F3/8"G - M3/8"G
	074-5502-400	Without hose	-	M1/2"G - M1/2"G
	074-5502-212	12 m	5/16"	F3/8"G - M1/4"G
	074-5502-218	18 m	5/16"	F3/8"G - M1/4"G
	074-5502-310	10 m	3/8"	F3/8"G - M3/8"G
	074-5502-318	18 m	3/8"	F3/8"G - M3/8"G
	074-5502-410	10 m	1/2"	M1/2"G - M1/2"G
	074-5502-415	15 m	1/2"	M1/2"G - M1/2"G
	074-5502-418	18 m	1/2"	M1/2"G - M1/2"G

## FOR WATER 150 ° C 200 bar

Equipped with:

- Synthetic rubber hoses no trace blue 1SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals



CFX-500	Article	Hose length	Ø hose	Inlet-outlet
	074-5505-300	Without hose	-	M3/8"G - M3/8"G
	074-5504-210	10 m	5/16"	M3/8"G - M3/8"G
	074-5504-215	15 m	5/16"	M3/8"G - M3/8"G
	074-5504-310	10 m	3/8"	M3/8"G - F3/8"G
	074-5504-315	15 m	3/8"	M3/8"G - F3/8"G
	074-5504-318	18 m	3/8"	M3/8"G - F3/8"G

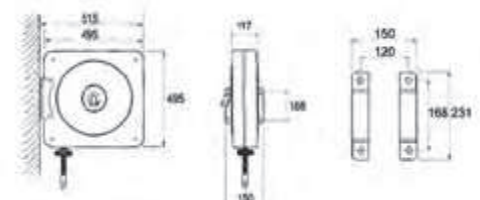
## FOR WATER 150 ° C 400 bar

Equipped with:

- Synthetic rubber hoses no trace blue 2SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals



CFX-500	Article	Hose length	Ø hose	Inlet-outlet
	074-5505-300	Without hose	-	M3/8"G - M3/8"G
	074-5505-310	10 m	3/8"	M3/8"G - F3/8"G
	074-5505-315	15 m	3/8"	M3/8"G - F3/8"G
	074-5505-318	18 m	3/8"	M3/8"G - F3/8"G



CFX-500 22,900<29,850 0,060 1

**FOR AIR WATER 20 bar**

Equipped with:

- Synthetic black rubber hoses R6
- Galvanized connections
- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet	CSX-500
075-5502-300	Without hose	-	F3/8”G – M3/8”G	
075-5502-400	Without hose	-	M1/2”G – M1/2”G	
075-5502-212	12 m	5/16”	F3/8”G – M1/4”G	
075-5502-218	18 m	5/16”	F3/8”G – M1/4”G	
075-5502-310	10 m	3/8”	F3/8”G – M3/8”G	
075-5502-318	18 m	3/8”	F3/8”G – M3/8”G	
075-5502-410	10 m	1/2”	M1/2”G – M1/2”G	
075-5502-415	15 m	1/2”	M1/2”G – M1/2”G	
075-5502-418	18 m	1/2”	M1/2”G – M1/2”G	



**FOR WATER 150° C 200 bar**

Equipped with:

- Synthetic rubber hoses no trace blue 1SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet	CSX-500
075-5505-300	Without hose	-	M3/8”G – M3/8”G	
075-5504-210	10 m	5/16”	M3/8”G – M3/8”G	
075-5504-215	15 m	5/16”	M3/8”G – M3/8”G	
075-5504-310	10 m	3/8”	M3/8”G – F3/8”G	
075-5504-315	15 m	3/8”	M3/8”G – F3/8”G	
075-5504-318	18 m	3/8”	M3/8”G – F3/8”G	

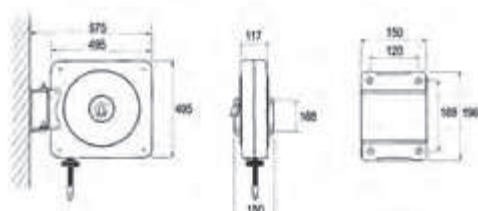


**FOR WATER 150° C 400 bar**

Equipped with:

- Synthetic rubber hoses no trace blue 2SC
- Galvanized connections
- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Hose length	Ø hose	Inlet-outlet	CSX-500
075-5505-300	Without hose	-	M3/8”G – M3/8”G	
075-5505-310	10 m	3/8”	M3/8”G – F3/8”G	
075-5505-315	15 m	3/8”	M3/8”G – F3/8”G	
075-5505-318	18 m	3/8”	M3/8”G – F3/8”G	



CSX-500 23,600<30,550 0,060 1

These industrial hydraulic hose reels motorized are ideal for particular application that ask strong equipment, they have a very powerful rewinding system.

They permits to use hoses with a very big diameter for fast transfer with a high delivery.



- The **HYDRAULIC** series is feeder by a control from an electric or motored system ( the control and the central station are not included), oil pressure MAX 170 bar



- The **PNEUMATIC** series is feeder by a control with a direct link with the air compressed system (the control and the central station are not included), pressure MAX 6-7 bar



- The **ELECTRIC** series is feeder by electrical motor 12-24 V



- The **MANUAL** series is a valid alternative to the spring hose reels, especially when you have big quantity hoses to rewind



# INDUSTRIAL HOSE REELS VARNISHED WITHOUT HOSE MOTORIZED HYDRAULIC SERIES



## FOR AIR - WATER 20 bar

Equipped with:

- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-6202-600	MI-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-6302-600	MI-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-6402-600	MI-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G



MI-630

## FOR WATER 150°C 200 bar

Equipped with:

- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-6204-600	MI-630	3/8" - 80 m	1/2" - 70 m	F1"G - M1"G
076-6304-600	MI-640	3/8" - 120 m	1/2" - 100 m	F1"G - M1"G
076-6404-600	MI-650	3/8" - 160 m	1/2" - 140 m	F1"G - M1"G



MI-640

## FOR OIL AND SIMILAR 140 bar

Equipped with:

- Swivelling joint 90° galvanized
- Polyurethane seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-6206-600	MI-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-6306-600	MI-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-6406-600	MI-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G



MI-650

## FOR GREASE 400 bar

Equipped with:

- Swivelling joint 90° galvanized
- Polyurethane seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-6207-600	MI-630	3/8" - 80 m	1/2" - 70 m	F1"G - M1"G
076-6307-600	MI-640	3/8" - 120 m	1/2" - 100 m	F1"G - M1"G
076-6407-600	MI-650	3/8" - 160 m	1/2" - 140 m	F1"G - M1"G

## FOR DIESEL 10 bar

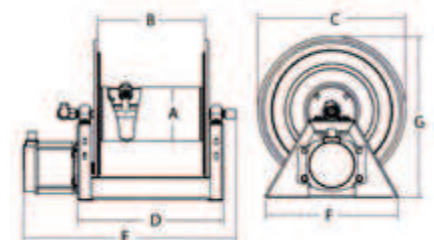
Equipped with:

- Swivelling joint 90° galvanized
- Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-6208-600	MI-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-6308-600	MI-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-6408-600	MI-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G

## OVERALL DIMENSIONS

Mod.	A	B	C	D	E	F	G			
MI-630	267	292	610	435	585	511	666	35	0,200	1
MI-640	267	394	610	533	683	511	666	37	0,230	1
MI-650	267	508	610	650	800	511	666	41	0,266	1





**MP-630**

## FOR AIR - WATER 20 bar

- Equipped with:
- Swivelling joint 90° nickel-plated brass
  - Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-7202-600	MP-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-7302-600	MP-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-7402-600	MP-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G

## FOR WATER 150 ° C 200 bar

- Equipped with:
- Swivelling joint 90° stainless steel AISI 304
  - Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-7204-600	MP-630	3/8" - 80 m	1/2" - 70 m	F1"G - M1"G
076-7304-600	MP-640	3/8" - 120 m	1/2" - 100 m	F1"G - M1"G
076-7404-600	MP-650	3/8" - 160 m	1/2" - 140 m	F1"G - M1"G



**MP-640**

## FOR OIL AND SIMILAR 140 bar

- Equipped with:
- Swivelling joint 90° galvanized
  - Polyurethane seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-7206-600	MP-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-7306-600	MP-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-7406-600	MP-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G

## FOR GREASE 400 bar

- Equipped with:
- Swivelling joint 90° galvanized
  - Polyurethane seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-7207-600	MP-630	3/8" - 80 m	1/2" - 70 m	F1"G - M1"G
076-7307-600	MP-640	3/8" - 120 m	1/2" - 100 m	F1"G - M1"G
076-7407-600	MP-650	3/8" - 160 m	1/2" - 140 m	F1"G - M1"G






**MP-650**

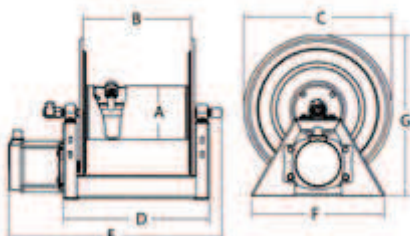
## FOR DIESEL 10 bar

- Equipped with:
- Swivelling joint 90° galvanized
  - Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-7208-600	MP-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-7308-600	MP-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-7408-600	MP-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G

## OVERALL DIMENSIONS

Mod.	A	B	C	D	E	F	G			
MP-630	267	292	610	435	635	511	666	36	0,200	1
MP-640	267	394	610	533	733	511	666	38	0,230	1
MP-650	267	508	610	650	850	511	666	42	0,266	1



# INDUSTRIAL HOSE REELS VARNISHED WITHOUT HOSE MOTORIZED ELECTRICAL SERIES 12 V



## FOR AIR - WATER 20 bar

Equipped with:

- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8212-600	ME-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-8312-600	ME-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-8412-600	ME-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G



ME-630

## FOR WATER 150°C 200 bar

Equipped with:

- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8214-600	ME-630	3/8" - 80 m	1/2" - 70 m	F1"G - M1"G
076-8314-600	ME-640	3/8" - 120 m	1/2" - 100 m	F1"G - M1"G
076-8414-600	ME-650	3/8" - 160 m	1/2" - 140 m	F1"G - M1"G



ME-640

## FOR OIL AND SIMILAR 140 bar

Equipped with:

- Swivelling joint 90° galvanized
- Polyurethane seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8216-600	ME-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-8316-600	ME-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-8416-600	ME-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G



ME-650

## FOR GREASE 400 bar

Equipped with:

- Swivelling joint 90° galvanized
- Polyurethane seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8217-600	ME-630	3/8" - 80 m	1/2" - 70 m	F1"G - M1"G
076-8317-600	ME-640	3/8" - 120 m	1/2" - 100 m	F1"G - M1"G
076-8417-600	ME-650	3/8" - 160 m	1/2" - 140 m	F1"G - M1"G

## FOR DIESEL 10 bar

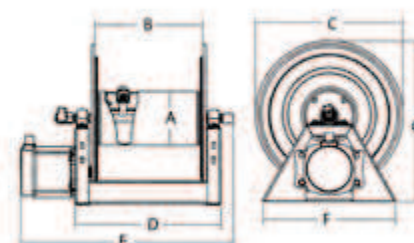
Equipped with:

- Swivelling joint 90° galvanized
- Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8218-600	ME-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-8318-600	ME-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-8418-600	ME-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G

## OVERALL DIMENSIONS

Mod.	A	B	C	D	E	F	G			
ME-630	267	292	610	435	615	511	666	38	0,200	1
ME-640	267	394	610	533	713	511	666	41	0,230	1
ME-650	267	508	610	650	830	511	666	45	0,266	1





**ME-630**

## FOR AIR - WATER 20 bar

- Equipped with:
- Swivelling joint 90° nickel-plated brass
  - Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8222-600	ME-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-8322-600	ME-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-8422-600	ME-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G



**ME-640**

## FOR WATER 150° C 200 bar

- Equipped with:
- Swivelling joint 90° stainless steel AISI 304
  - Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8224-600	ME-630	3/8" - 80 m	1/2" - 70 m	F1"G - M1"G
076-8324-600	ME-640	3/8" - 120 m	1/2" - 100 m	F1"G - M1"G
076-8424-600	ME-650	3/8" - 160 m	1/2" - 140 m	F1"G - M1"G

## FOR OIL AND SIMILAR 140 bar

- Equipped with:
- Swivelling joint 90° galvanized
  - Polyurethane seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8226-600	ME-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-8326-600	ME-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-8426-600	ME-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G



**ME-650**

## FOR GREASE 400 bar

- Equipped with:
- Swivelling joint 90° galvanized
  - Polyurethane seals




Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8227-600	ME-630	3/8" - 80 m	1/2" - 70 m	F1"G - M1"G
076-8327-600	ME-640	3/8" - 120 m	1/2" - 100 m	F1"G - M1"G
076-8427-600	ME-650	3/8" - 160 m	1/2" - 140 m	F1"G - M1"G

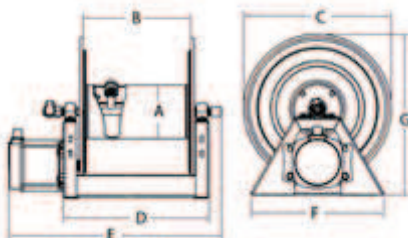
## FOR DIESEL 10 bar

- Equipped with:
- Swivelling joint 90° galvanized
  - Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
076-8228-600	ME-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
076-8328-600	ME-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
076-8428-600	ME-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G

## OVERALL DIMENSIONS

Mod.	A	B	C	D	E	F	G			
ME-630	267	292	610	435	615	511	666	42	0,200	1
ME-640	267	394	610	533	713	511	666	44	0,230	1
ME-650	267	508	610	650	830	511	666	48	0,266	1



# INDUSTRIAL HOSE REELS VARNISHED WITHOUT HOSE MANUAL SERIES



## FOR AIR - WATER 20 bar

Equipped with:

- Swivelling joint 90° nickel-plated brass
- Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
077-9202-600	H-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
077-9302-600	H-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
077-9402-600	H-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G



H-630

## FOR WATER 150°C 200 bar

Equipped with:

- Swivelling joint 90° stainless steel AISI 304
- Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
077-9204-600	H-630	3/8" - 80 m	1/2" - 70 m	F1"G - M1"G
077-9304-600	H-640	3/8" - 120 m	1/2" - 100 m	F1"G - M1"G
077-9404-600	H-650	3/8" - 160 m	1/2" - 140 m	F1"G - M1"G



H-640

## FOR OIL AND SIMILAR 140 bar

Equipped with:

- Swivelling joint 90° galvanized
- Polyurethane seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
077-9206-600	H-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
077-9306-600	H-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
077-9406-600	H-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G



H-650

## FOR DIESEL 10 bar

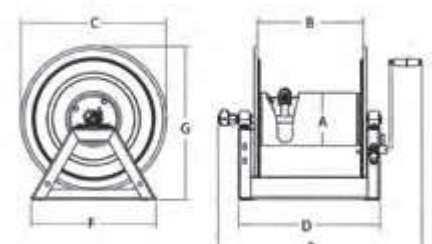
Equipped with:

- Swivelling joint 90° galvanized
- Viton seals

Article	Mod.	Hose reels capacity		Inlet-Outlet
077-9208-600	H-630	3/4" - 45 m	1" - 30 m	F1"G - M1"G
077-9308-600	H-640	3/4" - 76 m	1" - 46 m	F1"G - M1"G
077-9408-600	H-650	3/4" - 91 m	1" - 61 m	F1"G - M1"G

## OVERALL DIMENSIONS

Mod.	A	B	C	D	E	F	G			
H-630	267	292	610	435	725	511	666	34	0,200	1
H-640	267	394	610	533	823	511	666	36	0,230	1
H-650	267	508	610	650	940	511	666	40	0,266	1



The MANUAL hose reels are a valid alternative to the spring hose reels especially when you have big quantity hoses to rewind.



**079-1779-002**

### Art. 079-1779-002

#### Panel support 2 hose reels

For the application hose reels  
Mod. F-400 – F-460 – F-550 – CF-550  
Dimensions 590X390X65 mm



**079-1779-003**

### Art. 079-1779-003

#### Panel support 3 hose reels

For the application hose reels  
Mod. F-400 – F-460 – F-550 – CF-550  
Dimensions 860X390X65 mm



**079-1779-004**

### Art. 079-1779-004

#### Panel support 4 hose reels

For the application hose reels  
Mod. F-400 – F-460 – F-550 – CF-550  
Dimensions 1113X390X65 mm



<b>079-1779-002</b>	8,800	0,216	1
<b>079-1779-003</b>	12,000	0,313	1
<b>079-1779-004</b>	15,300	0,400	1



**024-1785-000**

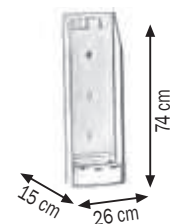
### Art. 024-1785-000

#### Support for picking up drops modular for oil nozzles

Equipped with removable basin  
Applied under hose reels is a practise side for nozzle ,  
preserve the work place clean and safety



<b>024-1785-000</b>	3,400	0,030	1
---------------------	-------	-------	---



# ACCESSORIES FOR HOSE REELS

## ROTARY SUPPORT WITH FAST CONNECTION



### Art. 079-1777-150

Rotary support varnished

For fixed hose reels Mod. F-400 – F460 – CF-500



079-1777-150



079-1778-150

### Art. 079-1778-150

Rotary bracket in stainless steel AISI 304

For fixed hose reels Mod. FX-400 – FX-460 – CFX-500

### Art. 079-1777-200

Rotary support varnished

For fixed hose reels Mod. F-550



079-1777-200



079-1778-200

### Art. 079-1778-200

Rotary bracket in stainless steel AISI 304

For fixed hose reels Mod. FX-550

### Art. 079-1777-250

Rotary support varnished

For fixed hose reels Mod. F-555



079-1777-250



079-1778-250

### Art. 079-1778-250

Rotary bracket in stainless steel AISI 304

For fixed hose reels Mod. FX-555

### Art. 079-1776-000

Double fixed bracket varnished

For closed hose reels Mod. CF-500



079-1776-000



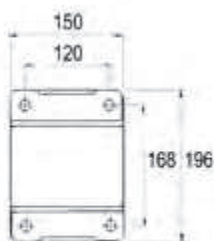
079-1775-000

### Art. 079-1775-000

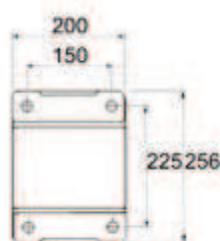
Double fixed bracket in stainless steel AISI 304

For closed hose reels Mod. CFX-500

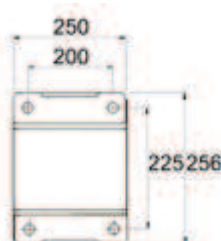
## OVERALL DIMENSION BRACKET



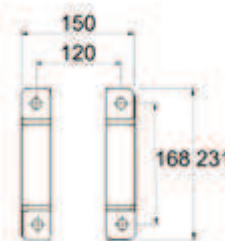
F-400/460  
FX-400/460



F-550  
FX-550



F-555  
FX-555



CF-300/500  
CFX-500

## ACCESSORIES FOR HOSE REELS SWIVELLING JOINT 90°



079-1770-003



079-1770-004

### Art. 079-1770-003

Swivelling joint 90° AIR-WATER 20 bar F 3/8\"G  
brass, viton seals

### Art. 079-1770-004

Swivelling joint 90° AIR-WATER 20 bar F 1/2\"G  
brass, viton seals



079-1770-005



079-1770-006

### Art. 079-1770-005

Swivelling joint 90° AIR-WATER 20 bar F 3/4\"G  
brass, viton seals

### Art. 079-1770-006

Swivelling joint 90° AIR-WATER 20 bar F 1\"G  
brass, viton seals



079-1771-003



079-1771-004

### Art. 079-1771-003

Swivelling joint 90° WATER 150° C-400 bar F 3/8\"G  
stainless steel AISI 304, viton seals

### Art. 079-1771-004

Swivelling joint 90° WATER 150° C-400 bar F 1/2\"G  
stainless steel AISI 304, viton seals



079-1771-005



079-1771-006

### Art. 079-1771-005

Swivelling joint 90° WATER 20 bar F 3/4\"G  
stainless steel AISI 304, viton seals

### Art. 079-1771-006

Swivelling joint 90° WATER 100 bar F 1\"G  
stainless steel AISI 304, viton seals



079-1772-004



079-1772-005



079-1772-006

### Art. 079-1772-004

Swivelling joint 90° OIL 160 bar M 1/2\"G  
galvanized steel, polyurethane seals

### Art. 079-1772-005

Swivelling joint 90° OIL 105 bar M 3/4\"G  
galvanized steel, polyurethane seals

### Art. 079-1772-006

Swivelling joint 90° OIL 88 bar M 1\"G  
galvanized steel, polyurethane seals



079-1773-002



079-1773-003

### Art. 079-1773-002

Swivelling joint 90° GREASE 600 bar M 1/4\"G  
galvanized steel, polyurethane seals

### Art. 079-1773-003

Swivelling joint 90° GREASE 600 bar M 3/8\"G  
galvanized steel, polyurethane seals



079-1774-006

### Art. 079-1774-006

Swivelling joint 90° DIESEL 10 bar F 1\"G  
galvanized steel, viton seals



**Art. F96-0050-322**

Fastening bush M3/8"G - F22X1,5



F96-0050-322

**Art. F96-0100-302**

Galvanized nipple M3/8"G - M1/4"G

**Art. F96-0100-303**

Galvanized nipple M3/8"G - M3/8"G

**Art. F96-0100-402**

Galvanized nipple M1/2"G - M1/4"G

**Art. F96-0100-403**

Galvanized nipple M1/2"G - M3/8"G

**Art. F96-0100-404**

Galvanized nipple M1/2"G - M1/2"G

**Art. F96-0100-504**

Galvanized nipple M3/4"G - M1/2"G

**Art. F96-0100-505**

Galvanized nipple M3/4"G - M3/4"G

**Art. F96-0100-605**

Galvanized nipple M1"G - M3/4"G

**Art. F96-0100-606**

Galvanized nipple M1"G - M1"G



**Art. F96-1100-303**

Stainless steel nipple AISI 304 M3/8"G - M3/8"G

**Art. F96-1100-403**

Stainless steel nipple AISI 304 M1/2"G - M3/8"G

**Art. F96-1100-404**

Stainless steel nipple AISI 304 M1/2"G - M1/2"G

**Art. F96-1100-504**

Stainless steel nipple AISI 304 M3/4"G - M1/2"G

**Art. F96-1100-505**

Stainless steel nipple AISI 304 M3/4"G - M3/4"G

**Art. F96-1100-605**

Stainless steel nipple AISI 304 M1"G - M3/4"G

**Art. F96-1100-606**

Stainless steel nipple AISI 304 M1"G - M1"G



**Art. F96-0210-304**

Galvanized extension M3/8"G - F1/2"G

**Art. F96-0210-404**

Galvanized extension M1/2"G - F1/2"G

**Art. F96-0210-405**

Galvanized extension M1/2"G - F3/4"G

**Art. F96-0210-505**

Galvanized extension M3/4"G - M3/4"G





#### Art. 079-1780-001

Rubber hose stop for 1/4" ø 12 mm hoses

#### Art. 079-1780-002

Rubber hose stop for da 5/16" ø 15 mm hoses

#### Art. 079-1780-003

Rubber hose stop for 3/8" ø 17 mm hoses

#### Art. 079-1780-004

Rubber hose stop for 1/2" ø 19 mm hoses

#### Art. 079-1780-005

Rubber hose stop for 3/4" ø 26 mm hoses

#### Art. 079-1780-006

Rubber hose stop for 1" ø 35 mm hoses

## CONNECTION HOSES FOR HOSE REELS SYSTEM EQUIPMENT



Article	Length	Characteristics	Pressure	Dimensions	Inlet-Outlet
901-0323-006	0,6 m	Polyurethane	20 bar	10X14	F3/8"G - F3/8"G
901-0424-006	0,6 m	Polyurethane	20 bar	13X19	F1/2"G - F1/2"G
901-0302-015	1,5 m	Polyurethane	20 bar	8X12	M3/8"G - F1/4"G
901-0302-020	2,0 m	Polyurethane	20 bar	8X12	M1/4"G - F1/4"G
901-0303-020	2,0 m	Polyurethane	20 bar	10X14	M3/8"G - F3/8"G
901-0404-020	2,0 m	Polyurethane	20 bar	13X19	M1/2"G - F1/2"G
902-0222-010	1,0 m	Black rubber R6	20 bar	5/16"	F3/8"G - F3/8"G
902-0222-020	2,0 m	Black rubber R6	20 bar	5/16"	F3/8"G - F3/8"G
902-0323-006	0,6 m	Black rubber R6	20 bar	3/8"	F3/8"G - F3/8"G
902-0323-010	1,0 m	Black rubber R6	20 bar	3/8"	F3/8"G - F3/8"G
902-0323-020	2,0 m	Black rubber R6	20 bar	3/8"	F3/8"G - F3/8"G
902-0424-006	0,6 m	Black rubber R6	20 bar	1/2"	F1/2"G - F1/2"G
902-0424-010	1,0 m	Black rubber R6	20 bar	1/2"	F1/2"G - F1/2"G
902-0424-020	2,0 m	Black rubber R6	20 bar	1/2"	F1/2"G - F1/2"G
902-0525-006	0,6 m	Black rubber R6	20 bar	3/4"	F3/4"G - F3/4"G
902-0626-006	0,6 m	Black rubber R6	20 bar	1"	F1"G - F1"G
904-0323-006	0,6 m	Hydroblu 1SC	200 bar	3/8"	F3/8"G-F3/8"G
904-0424-006	0,6 m	Hydroblu 1SC	200 bar	1/2"	F1/2"G-F1/2"G
905-0323-006	0,6 m	Hydroblu 2SC	400 bar	3/8"	F3/8"G-F3/8"G
905-0424-006	0,6 m	Hydroblu 2SC	400 bar	1/2"	F1/2"G-F1/2"G
906-0424-006	0,6 m	Black rubber 1SC	160 bar	1/2"	F1/2"G - F1/2"G
906-0434-008	0,8 m	Black rubber 1SC	160 bar	1/2"	F90° 1/2"G - F1/2"G
906-0424-015	1,5 m	Black rubber 1SC	160 bar	1/2"	F1/2"G - F1/2"G
906-0424-020	2,0 m	Black rubber 1SC	160 bar	1/2"	F1/2"G - F1/2"G
906-0525-006	0,6 m	Black rubber 1SC	105 bar	3/4"	F3/4"G - F3/4"G
906-0535-008	0,8 m	Black rubber 1SC	105 bar	3/4"	F90° 3/4"G - F3/4"G
906-0626-006	0,6 m	Black rubber 1SC	88 bar	1"	F1"G - F1"G
906-0636-008	0,8 m	Black rubber 1SC	88 bar	1"	F90° 1"G - F1"G
907-0121-006	0,6 m	Black rubber 2SC	600 bar	1/4"	F1/4"G - F1/4"G
907-0131-008	0,8 m	Black rubber 2SC	600 bar	1/4"	F90° 1/4"G - F1/4"G
907-0323-006	0,6 m	Black rubber 2SC	600 bar	3/8"	F3/8"G - F3/8"G
907-0333-008	0,8 m	Black rubber 2SC	600 bar	3/8"	F90° 3/8"G - F3/8"G

**AIR-WATER 20 bar**

- Polyurethane blue hoses
- Connection nichel-plated brass

Article	Hose lenght	Ø hose	Dimensions	Inlet-Outlet
901-0102-120	12 m	1/4"	6X10	F1/4"G - M1/4"G
901-0202-090	9 m	5/16"	8X12	F1/4"G - M1/4"G
901-0212-110	11 m	5/16"	8X12	M3/8"G - M1/4"G
901-0202-120	12 m	5/16"	8X12	F3/8"G - M1/4"G
901-0202-150	15 m	5/16"	8X12	F3/8"G - M1/4"G
901-0202-200	20 m	5/16"	8X12	F3/8"G - M1/4"G
901-0303-100	10 m	3/8"	10X14	F3/8"G - M3/8"G
901-0303-150	15 m	3/8"	10X14	F3/8"G - M3/8"G
901-0303-200	20 m	3/8"	10X14	F3/8"G - M3/8"G
901-0404-100	10 m	1/2"	13X19	F1/2"G - M1/2"G
901-0404-150	15 m	1/2"	13X19	F1/2"G - M1/2"G
901-0404-180	18 m	1/2"	13X19	F1/2"G - M1/2"G
901-0404-200	20 m	1/2"	13X19	F1/2"G - M1/2"G
901-0404-250	25 m	1/2"	13X19	F1/2"G - M1/2"G



**AIR-WATER 20 bar**

- Synthetic black rubber hoses R6
- Galvanized connections

Article	Hose lenght	Ø hose	Dimensions	Inlet-Outlet
902-0203-120	12 m	5/16"	7,9X14,3	F3/8"G - M3/8"G
902-0203-180	18 m	5/16"	7,9X14,3	F3/8"G - M3/8"G
902-0303-100	10 m	3/8"	9,5X16	F3/8"G - M3/8"G
902-0303-180	18 m	3/8"	9,5X16	F3/8"G - M3/8"G
902-0303-200	20 m	3/8"	9,5X16	F3/8"G - M3/8"G
902-0404-100	10 m	1/2"	12,7X19	F1/2"G - M1/2"G
902-0404-150	15 m	1/2"	12,7X19	F1/2"G - M1/2"G
902-0404-180	18 m	1/2"	12,7X19	F1/2"G - M1/2"G
902-0404-200	20 m	1/2"	12,7X19	F1/2"G - M1/2"G
902-0404-250	25 m	1/2"	12,7X19	F1/2"G - M1/2"G
902-0404-300	30 m	1/2"	12,7X19	F1/2"G - M1/2"G
902-0505-150	15 m	3/4"	19X25,8	F3/4"G - M3/4"G
902-0505-200	20 m	3/4"	19X25,8	F3/4"G - M3/4"G
902-0505-300	30 m	3/4"	19X25,8	F3/4"G - M3/4"G
902-0505-400	40 m	3/4"	19X25,8	F3/4"G - M3/4"G
902-0606-150	15 m	1"	25,4X33,2	F1"G - M1"G
902-0606-200	20 m	1"	25,4X33,2	F1"G - M1"G
902-0606-300	30 m	1"	25,4X33,2	F1"G - M1"G



**ANTIFREEZE-WINDSCREEN-ADBLUE 20 bar**

- Antistatic black rubber hoses EPDM
- Stainless steel connection AISI 316

Article	Hose lenght	Ø hose	Dimensions	Inlet-Outlet
909-0404-100	10 m	1/2"	12,7X21	F1/2"G - M1/2"G
909-0404-150	15 m	1/2"	12,7X21	F1/2"G - M1/2"G
909-0505-100	10 m	3/4"	19X29	F3/4"G - M3/4"G
909-0505-150	15 m	3/4"	19X29	F3/4"G - M3/4"G



#### WATER 150 °C 200 bar

- Synthetic rubber hoses no trace blue 1SC
- Galvanized connections
- Rubber blue handle



Article	Hose lenght	Ø hose	Dimensions	Inlet-Outlet
904-0223-100	10 m	5/16"	7,9X14,5	F3/8"G – F3/8"G
904-0223-150	15 m	5/16"	7,9X14,5	F3/8"G – F3/8"G
904-0223-200	20 m	5/16"	7,9X14,5	F3/8"G – F3/8"G
904-0323-100	10 m	3/8"	9,6X16,9	F3/8"G – F3/8"G
904-0323-150	15 m	3/8"	9,6X16,9	F3/8"G – F3/8"G
904-0323-180	18 m	3/8"	9,6X16,9	F3/8"G – F3/8"G
904-0323-200	20 m	3/8"	9,6X16,9	F3/8"G – F3/8"G
904-0323-250	25 m	3/8"	9,6X16,9	F3/8"G – F3/8"G
904-0323-300	30 m	3/8"	9,6X16,9	F3/8"G – F3/8"G
904-0323-400	40 m	3/8"	9,6X16,9	F3/8"G – F3/8"G
904-0424-100	10 m	1/2"	12,7X20,4	F1/2"G – F1/2"G
904-0424-150	15 m	1/2"	12,7X20,4	F1/2"G – F1/2"G
904-0424-200	20 m	1/2"	12,7X20,4	F1/2"G – F1/2"G
904-0424-250	25 m	1/2"	12,7X20,4	F1/2"G – F1/2"G
904-0424-300	30 m	1/2"	12,7X20,4	F1/2"G – F1/2"G
904-0424-400	40 m	1/2"	12,7X20,4	F1/2"G – F1/2"G

#### WATER 150 °C 400 bar

- Synthetic rubber hoses no trace blue 2SC
- Galvanized connections
- Rubber blue handle



Article	Hose lenght	Ø hose	Dimensions	Inlet-Outlet
905-0223-100	10 m	5/16"	7,9X16	F3/8"G – F3/8"G
905-0223-150	15 m	5/16"	7,9X16	F3/8"G – F3/8"G
905-0223-200	20 m	5/16"	7,9X16	F3/8"G – F3/8"G
905-0323-100	10 m	3/8"	9,6X18,3	F3/8"G – F3/8"G
905-0323-150	15 m	3/8"	9,6X18,3	F3/8"G – F3/8"G
905-0323-180	18 m	3/8"	9,6X18,3	F3/8"G – F3/8"G
905-0323-200	20 m	3/8"	9,6X18,3	F3/8"G – F3/8"G
905-0323-250	25 m	3/8"	9,6X18,3	F3/8"G – F3/8"G
905-0323-300	30 m	3/8"	9,6X18,3	F3/8"G – F3/8"G
905-0323-400	40 m	3/8"	9,6X18,3	F3/8"G – F3/8"G
905-0424-100	10 m	1/2"	12,7X21,4	F1/2"G – F1/2"G
905-0424-150	15 m	1/2"	12,7X21,4	F1/2"G – F1/2"G
905-0424-200	20 m	1/2"	12,7X21,4	F1/2"G – F1/2"G
905-0424-250	25 m	1/2"	12,7X21,4	F1/2"G – F1/2"G
905-0424-300	30 m	1/2"	12,7X21,4	F1/2"G – F1/2"G
905-0424-400	40 m	1/2"	12,7X21,4	F1/2"G – F1/2"G

**OIL AND SIMILAR 160 bar**

- Synthetic black rubber hoses 1SC
- Galvanized connections

Article	Hose lenght	Ø hose	Dimensions	Inlet-Outlet
906-0304-100	10 m	3/8"	9,6X16,9	F1/2"G - M1/2"G
906-0304-150	15 m	3/8"	9,6X16,9	F1/2"G - M1/2"G
906-0404-100	10 m	1/2"	12,7X20,4	F1/2"G - M1/2"G
906-0404-150	15 m	1/2"	12,7X20,4	F1/2"G - M1/2"G
906-0404-180	18 m	1/2"	12,7X20,4	F1/2"G - M1/2"G
906-0404-200	20 m	1/2"	12,7X20,4	F1/2"G - M1/2"G
906-0404-250	25 m	1/2"	12,7X20,4	F1/2"G - M1/2"G
906-0404-300	30 m	1/2"	12,7X20,4	F1/2"G - M1/2"G
906-0505-150	15 m	3/4"	19X24,4	F3/4"G - M3/4"G
906-0505-200	20 m	3/4"	19X24,4	F3/4"G - M3/4"G
906-0505-250	25 m	3/4"	19X24,4	F3/4"G - M3/4"G
906-0505-300	30 m	3/4"	19X24,4	F3/4"G - M3/4"G
906-0606-150	15 m	1"	25,4X34,9	F1"G - M1"G
906-0606-200	20 m	1"	25,4X34,9	F1"G - M1"G
906-0606-300	30 m	1"	25,4X34,9	F1"G - M1"G



**GREASE 600 bar**

- Synthetic black rubber hoses 2SC
- Galvanized connections

Article	Hose lenght	Ø hose	Dimensions	Inlet-Outlet
907-0102-100	10 m	1/4"	6,4X14,2	F1/4"G - M1/4"G
907-0102-150	15 m	1/4"	6,4X14,2	F1/4"G - M1/4"G
907-0102-180	18 m	1/4"	6,4X14,2	F1/4"G - M1/4"G
907-0302-100	10 m	3/8"	9,6X18,3	F3/8"G - M1/4"G
907-0302-150	15 m	3/8"	9,6X18,3	F3/8"G - M1/4"G
907-0302-200	20 m	3/8"	9,6X18,3	F3/8"G - M1/4"G
907-0302-250	25 m	3/8"	9,6X18,3	F3/8"G - M1/4"G
907-0302-300	30 m	3/8"	9,6X18,3	F3/8"G - M1/4"G



**DIESEL 10 bar**

- Antistatic black rubber hoses
- Galvanized connections

Article	Hose lenght	Ø hose	Dimensions	Inlet-Outlet
908-0506-100	10 m	3/4"	19X27	F1"G - M1"G
908-0506-150	15 m	3/4"	19X27	F1"G - M1"G
908-0506-200	20 m	3/4"	19X27	F1"G - M1"G
908-0506-300	30 m	3/4"	19X27	F1"G - M1"G
908-0506-400	40 m	3/4"	19X27	F1"G - M1"G
908-0606-100	10 m	1"	25X35	F1"G - M1"G
908-0606-150	15 m	1"	25X35	F1"G - M1"G
908-0606-200	20 m	1"	25X35	F1"G - M1"G
908-0606-300	30 m	1"	25X35	F1"G - M1"G













# BRAKE BLEEDERS - CLUTCHES





STAINLESS STEEL BRAKE BLEEDERS – CLUTCHES  
2 - 3 CHAMBERS

pg. 223



ELECTRIC BRAKE BLEEDER 12V

pg. 224



BRAKE BLEEDERS SCREW PLUGS

pg. 225



BRAKE BLEEDERS PRESSURE PLUGS

pg. 226



ACCESSORIES FOR BRAKE BLEEDERS

pg. 226

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.

The stuffs (Art.080-1788-000 – 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.

## Art. 080-1788-000

**Stainless steel brake bleeder-clutches with three chamber 6 l**





Equipped with:

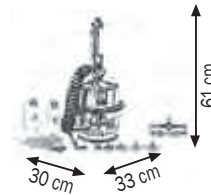
- Tank oil capacity 6 l
- 4 m RILSAN spring hose
- 2 oil recovery basins 1 l
- with rubber hose and pipette 90°
- 1 filling funnel

## 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)

				
080-1788-000	8,520	0,060	1	
080-1789-000	9,660	0,060	1	



080-1789-000

## Art. 080-1790-000

**Stainless steel brake bleeder-clutches with two chamber 10 l**





Equipped with:

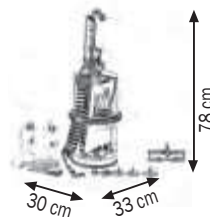
- Tank oil capacity 10 l
- 4 m RILSAN spring hose
- 2 oil recovery basins 1 l
- with rubber hose and pipette 90°
- 1 filling funnel

## Art. 080-1791-000

**Stainless steel brake bleeder-clutches with two chamber 10 l**

Composed like Art.080-1790-000 but with:  
standard plugs (mod. 1-4-6-9-18-25)

				
080-1790-000	9,420	0,074	1	
080-1791-000	10,560	0,074	1	



080-1791-000

## Art. 080-1792-000

**Stainless steel brake bleeder-clutches with three chambers 10 l**





Equipped with:

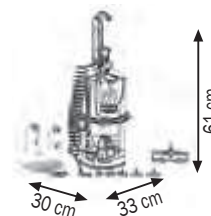
- Tank oil capacity 10 l
- 4 m RILSAN spring hose
- 2 oil recovery basins 1 l
- with rubber hose and pipette 90°
- 1 filling funnel

## 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)

				
080-1792-000	10,370	0,074	1	
080-1793-000	11,510	0,074	1	



080-1793-000



## ELECTRIC BRAKE BLEEDER



081-1795-000

### Art. 081-1795-000

Electric brake bleeder 12V (0,192 kW) ABS with 5 screw plugs mod. 1 - 4 - 6 - 9 - 18 and 1 marquees plug mod. 25

Equipped with:

Tank oil capacity 1,5 l

4 m RILSAN spring hose

2 oil recovery basins 1 l

with rubber hose and pipette 90°

1 filling funnel



081-1795-000

6,500

0,040

1



### FEATURES

Automatic pressure

Automatic depressurisation max 1,5 bar

suitable for ABS systems and clutches

of car, light and industrial vehicles

and trailers



**Art. 083-1800-000**

Kit standard plugs composed by:

5 plugs mod. 1-4-6-9-18

1 plug all marquees 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**

All marquees plug model 25 (with 1 conic pad)



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 schedule "LIST OF PLUGS FOR BRAKE BLEEDERS AND CLUTCHES"



083-1826-000

## Art. 083-1826-000

Kit pressure plugs suitable for Japanese and Korean cars

Composed by:

Universal bracket (Art.083-1826-S00)

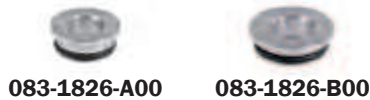
9 plugs Art.083-1826-A/B/C/D/E/F/G/H/I00



083-1826-S00

## Art. 083-1826-S00

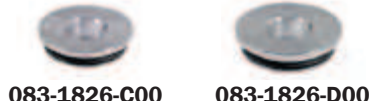
Univ. adjustable bracket without plugs



083-1826-A00



083-1826-B00



083-1826-C00



083-1826-D00



083-1826-E00



083-1826-F00



083-1826-G00



083-1826-H00



083-1826-I00

## Art. 083-1826-A00

Pressure plug Ø 33,7

## Art. 083-1826-B00

Pressure plug Ø 35,8

## Art. 083-1826-C00

Pressure plug Ø 42,2

## Art. 083-1826-D00

Pressure plug Ø 42,8

## Art. 083-1826-E00

Pressure plug Ø 54

## Art. 083-1826-F00

Pressure plug Ø 56

## Art. 083-1826-G00

Pressure plug Ø 58,8

## Art. 083-1826-H00

Pressure plug Ø 65,7

## Art. 083-1826-I00

Pressure plug Ø 74,2



083-1828-000

## Art. 083-1828-000

Connection hose suitable for double - tank plants



083-1829-000

## Art. 083-1829-000

Connection hose for bleed clutches

600 mm length



083-1830-000

083-1834-000

## Art. 083-1830-000

Oil recovery basin 1 l

with rubber hose and pipette 90°

## Art. 083-1834-000

Plastic funnel Ø 120mm

**NOTE:** For the choice of the connection plug, please look in the schedule "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																					
AUTOBIANCHI		x						x											x						
BMW				x																		x			x
CITROËN				x	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																					
MINI																									
MITSUBISHI										x										x					x
MG																									x
NISSAN																			x						x
OPEL				x			x						x												
PEUGEOT				x			x					x													
PORSCHE				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									
HYUNDAI									
INNOCENTI									
ISUZU									
JAGUAR									
JEEP									
KIA									
LADA									
LAMBORGHINI									
LANCIA									
LAND ROVER									
LEXUS									
LEYLAND									
MASERATI									
MAZDA									
MERCEDES									
MINI									
MITSUBISHI									
MG									
NISSAN									
OPEL									
PEUGEOT									
PORSCHE									
RENAULT									
ROVER									
SAAB									
SEAT									
SKODA									
SUBARU									
SUZUKI									
TALBOT									
TOYOTA									
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																					
MERCEDES				x																					
PEGASO								x																	
RENAULT				x				x			x												x	x	
SCANIA				x				x																	
UNIC								x		x	x														
VOLVO				x																					



### TRUCKS BRAND SCREWS PLUGS



They are necessary for the bleeding of brakes of HYDRAULIC CLUTCHES OF TRACTORS





## **GENERAL SALES CONDITIONS**

Please, when ordering, use the reference code number.

Claims will not be accepted, if coming after 8 (eight) days from receipt of order. After this period, the merchandise will be intended tacitly accepted.

The goods travel at customer's risk, even if agreed free his residence.

Except previously agreed, all prices are intended ex seller's work.

In case of late payments, for any reason, including non-arrival of expiring notice, the buyer shall pay to the seller the annual interest in force on selling, at the amount shown on the corresponding invoice.

Any change of faulty material shall be effected only if sent to "MECLUBE" free port and by authority received.

"MECLUBE" takes upon itself no responsibility for deficiency of materials or parcel damages caused by the shipment.

For any controversy, only the court of Mantova will entertain jurisdiction.

Specifications, dimensions and features reported in this catalogue are not binding, and due to continuous performance enhancements of equipments and accessories, can be modified without notice.



**MECLUBE srl**

Strada Pavese, 13 - Loc. Bondeno

46023- Gonzaga (MN) - ITALY

Tel. +39 0376 595006 - +39 0376 595035

Fax +39 0376 54144

[info@meclube.com](mailto:info@meclube.com)

[www.meclube.com](http://www.meclube.com)