

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

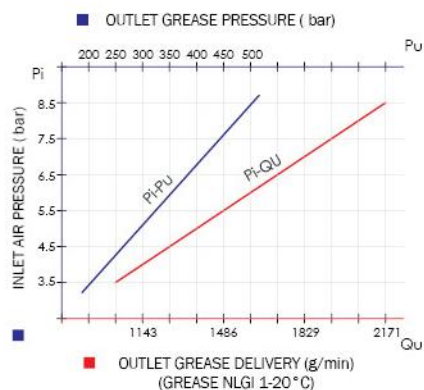
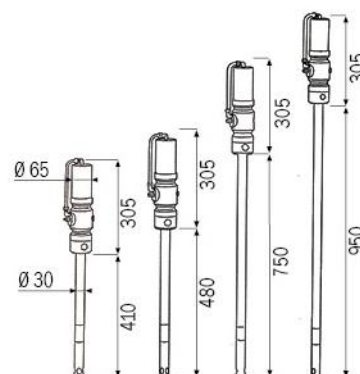
For standard barrels 180-220 kg

(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

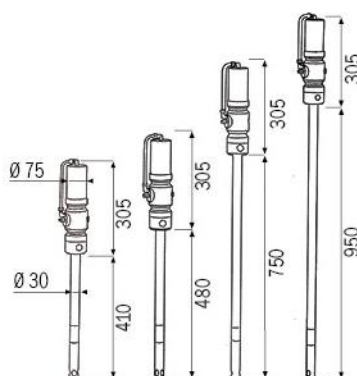
## Art. 010-1030-000

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

For standard barrels 180-220 kg

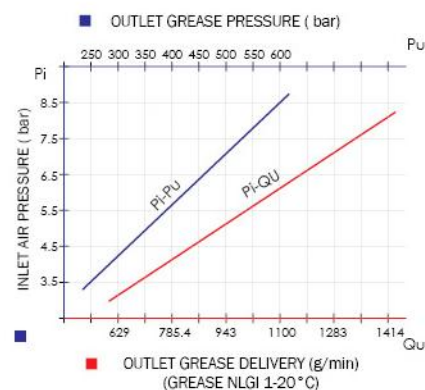
(shank length 950 mm)

Polyurethane seals



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.



### 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

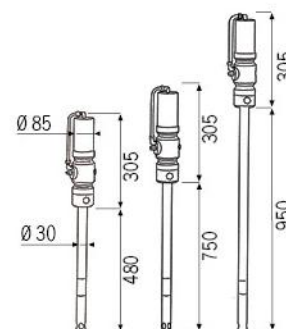
For standard barrels 180-220 kg

(shank length 950 mm)

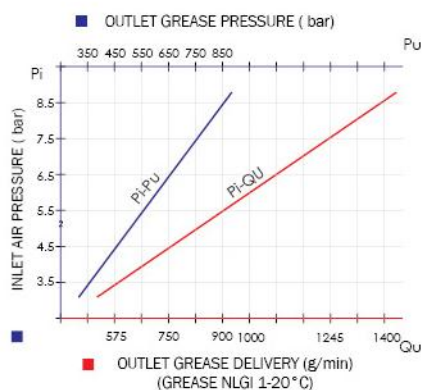
Polyurethane seals



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

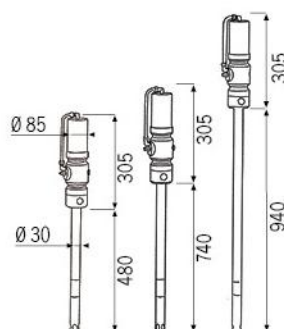
## Art. 010-1040-000

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

For standard barrels 180-220 kg

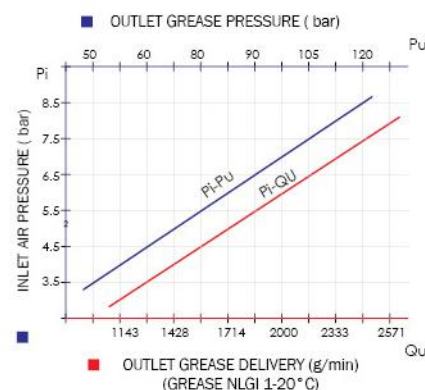
(shank length 940 mm)

Polyurethane seals



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

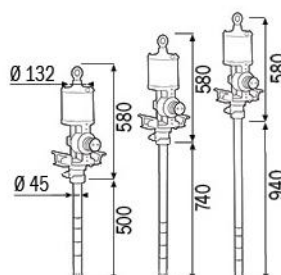
Air operated industrial pump for grease ratio=50:1

Mod. 950 flanged double effect

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

Polyurethane seals

For high viscosity grease and oils



011-0950-050

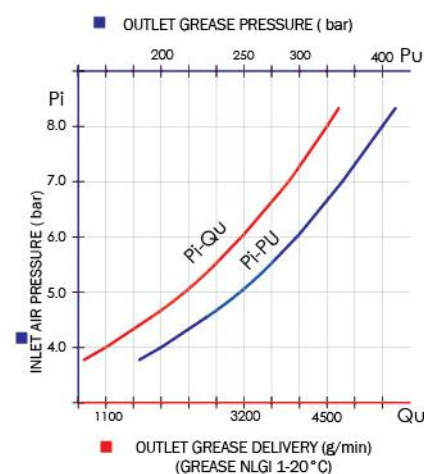
011-0950-074

011-0950-094



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.



## 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

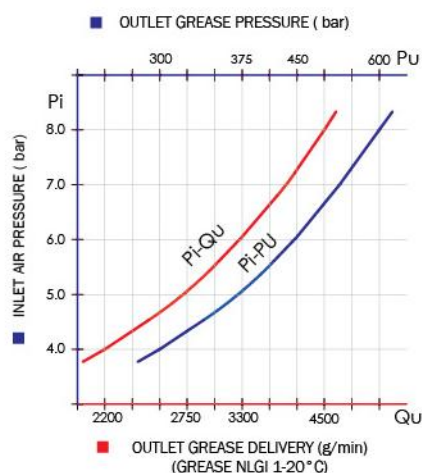
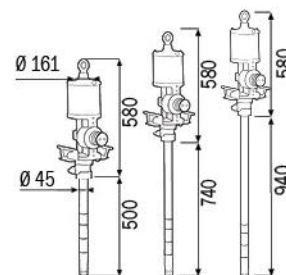
Air operated industrial pump for grease ratio=75:1  
Mod. 1275 flanged double effect  
For drums 50-60 kg (shank length 740 mm)  
Polyurethane seals  
For high viscosity grease and oils

## 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



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	8
Air consumption 8 bar	m³/min	2,90	2,90	2,90
Air inlet connection	BSP	F 1/2" G	F 1/2" G	F 1/2" G
Grease outlet connection	BSP	F 1/2" G	F 1/2" G	F 1/2" G
Grease delivery capacity 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 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

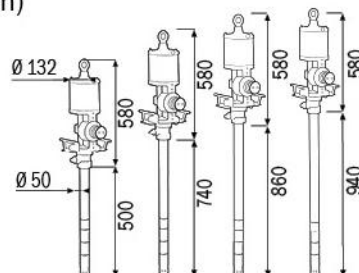


011-0940-060

011-0940-074

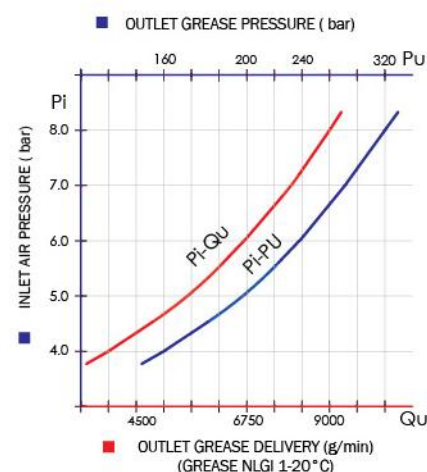
011-0940-086

011-0940-094



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	m³/min	1,75	1,75	1,75	1,75
Air inlet connection	BSP	F 1/2" G	F 1/2" G	F 1/2" G	F 1/2" G
Grease outlet connection	BSP	F 1/2" G	F 1/2" G	F 1/2" G	F 1/2" G
Grease delivery capacity 6 bar g/min		10000	10000	10000	10000
Noise	dB	80	80	80	80
Shank diameter	mm	50	50	50	50
Shank length	mm	500	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.

## 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

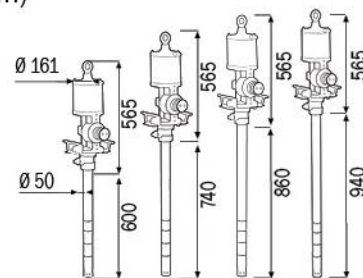
For barrels 180-220 kg (shank length 940 mm)

Polyurethane seals

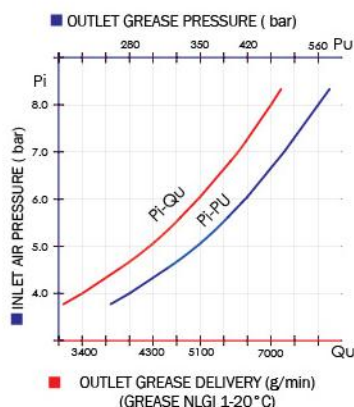
For high viscosity grease and oil



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	m³/min	2,90	2,90	2,90	2,90
Air inlet connection	BSP	F 1/2"G	F 1/2"G	F 1/2"G	F 1/2"G
Grease outlet connection	BSP	F 1/2"G	F 1/2"G	F 1/2"G	F 1/2"G
Grease delivery capacity 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)

MECLUBE	Kg	m³	Nº
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)



MECLUBE	Kg	m³	Nº
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.





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

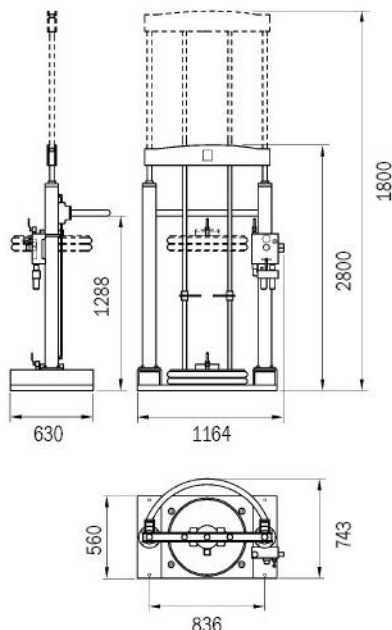
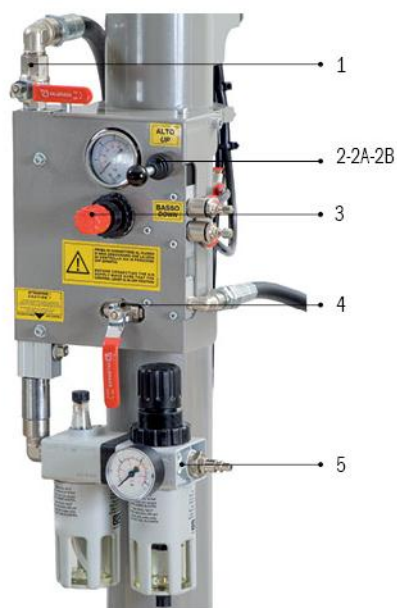
Art.011-1275-050 Industrial air operated pump ratio=75:1

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



012-1340-000	231,000	1,900	2
012-1350-000	228,500	1,900	2
012-1370-000	233,000	1,900	2
012-1375-000	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

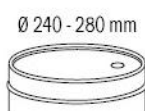
## Art. 013-1098-000

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



## PNEUMATIC GREASE PUMP SETS FOR DRUMS 50-220 KG



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

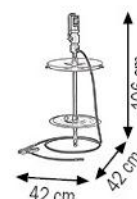
Composed like Art.013-1103-000 but with:

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.014-1081-030 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:

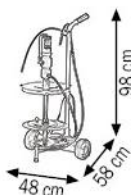
Art.014-1062-030 Follower plate Ø 310 mm



Ø 260 - 320 mm

013-1106-000	15,740	0,056	1
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013-1105-000	14,310	0,056	1
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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:

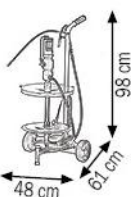
Art.014-1063-030 Follower plate Ø 340 mm



Ø 300 - 350 mm

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

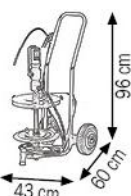
Art.014-1062-030 Follower plate Ø 310 mm



Ø 260 - 320 mm

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