

**50:1** Compression Ratio

**100:1** Compression Ratio

Model.4018

Model.4020

Model.4060

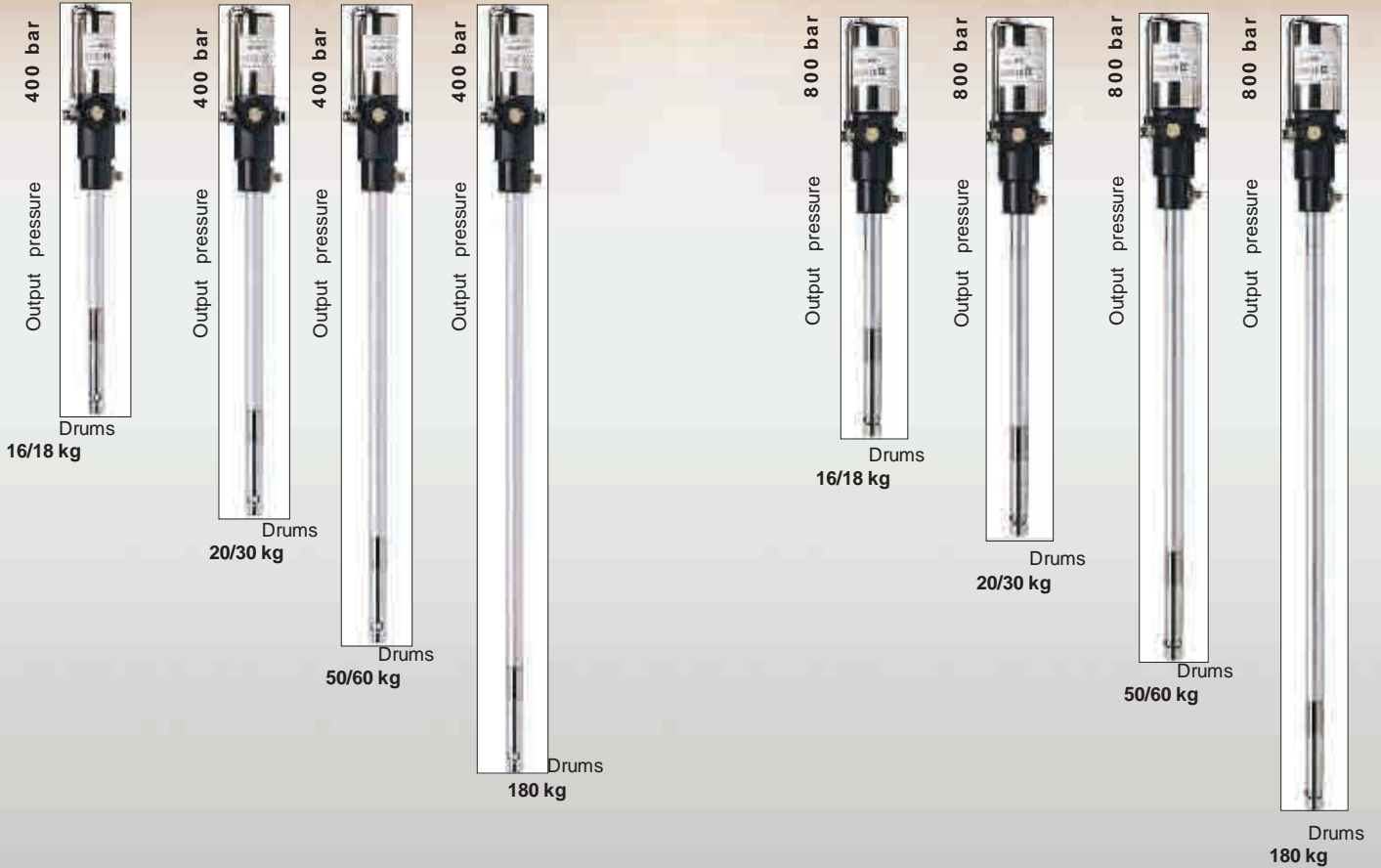
Model.4080

Model.4019

Model.4021

Model.4061

Model.4081



Model	4018	4020	4060	4080	4019	4021	4061	4081
Feeding	Compressed Air Min. 2 Max. 8 bar				Compressed Air Min. 2 Max. 8 bar			
Compression ratio	50 :1	50 :1	50 :1	50 :1	100 :1	100 :1	100 :1	100 :1
Output pressure	400 bar	400 bar	400 bar	400 bar	800 bar	800 bar	800 bar	800 bar
Flow rate	1.360 kg/min	1.360 kg/min	1.360 kg/min	1.360 kg/min	0.78 kg/min	0.78 kg/min	0.78 kg/min	0.78 kg/min
Air connection	F 1/4"BSP	F 1/4"BSP	F 1/4"BSP	F 1/4"BSP	F 1/4"BSP	F 1/4"BSP	F 1/4"BSP	F 1/4"BSP
Fluid connection	M 1/4"BSP	M 1/4"BSP	M 1/4"BSP	M 1/4"BSP	M 1/4"BSP	M 1/4"BSP	M 1/4"BSP	M 1/4"BSP
Air consumption	115 lt/min	115 lt/min	115 lt/min	115 lt/min	115 lt/min	115 lt/min	115 lt/min	115 lt/min
Pumping assy length	335 mm	450 mm	750 mm	950 mm	335 mm	450 mm	750 mm	950 mm
Pumping assy diameter	28 mm	28 mm	28 mm	28 mm	28 mm	28 mm	28 mm	28 mm
Sizes (mm)	95x95x690	95x95x780	95x95x1005	95x95x1250	95x95x690	95x95x780	95x95x1005	95x95x1250
For drum capacity	16-18 kg	20-30 kg	50-60 kg	180 kg	16-18 kg	20-30 kg	50-60 kg	180 kg
Weight	3.8 kg	4.2 kg	5 kg	5.6 kg	3.8 kg	4.2 kg	5 kg	5.6 kg

Performances executed in the following conditions: Lithium grease type 0 at 22°C - Feeding air pressure 8 bar - Free flow outlet.

18/30 kg

Model 4920CE



OPTIONAL  
Model. 4701

### Model.4920CE

Grease kit for 18/20 kg drums including:

- Pneumatic pump model. 4020
- Drum cover model. 4302
- HP hose 1/4" R2T length 3 mt model. 4503
- 2 wheels trolley model.4351
- Follower plate model. 4314
- Grease gun with hose and 4 jaw coupler model. 4205



50/60 kg

Model 4960C



### Model.4960C

Grease kit for 50/60 kg drums including:

- Pneumatic pump mod. 4060
- Drum cover mod. 4305
- HP hose 1/4" L. 3 mt model. 4503
- 2 wheels trolley model. 4350
- Follower plate model. 4317
- Gun with hose and coupler model. 4205
- Pressure regulator model. 7200
- Z Swivel joint model. 4221

180 kg

Model 4990C



Grease kit for 180 kg drums including:

- Pneumatic pump model. 4080
- Drum cover Ø 600 mm model. 4308
- HP hose 1/4" L. 3 mt model. 4503
- 4 wheels trolley model. 4380
- Follower plate Ø 590 mm model. 4319
- Gun with hose and coupler model. 4205
- Pressure regulator model. 7200
- Swivel joint model. 4221

Model 4911

180 kg



Grease kit for 180 kg drums composed by:

- Pneumatic pump mod. 4080
- Automatic hose reel mod. 9016
- Rubber hose 1/4" L. 15 mt mod. 4515
- Drum cover Ø 600 mm mod. 4308
- Rubber hose 1/4" L. 3 mt mod. 4503
- 4 wheels trolley with grid mod. 4389
- Follower plate Ø 590 mm mod. 4319
- Gun with hose and coupler mod. 4205
- Pressure regulator mod. 7180
- Swivel joint mod. 4221

Model. 4995



Model. 8558

180 kg



Stationary greasing system, 180kg.

Including:

- Pneumatic pump model. 4080
- Automatic hose reel model. 9018
- HP hose 1/4" L. 15 mt model. 4515
- Drum cover model. 4308
- HP hose 1/4" L. 3 mt model. 4503
- Follower plate model. 4319
- Gun with hose and coupler model. 4205
- Pressure regulator model. 7180
- Z Swivel joint model. 4221

Greasing pumping systems fixed on Tank Service Base.

Compared to the wall mounting system, an installation placed on Tank Service Base includes a containment basin and a frame, hence becomes a "lubricating isle" granting the advantage to be moved in different places preventing and providing a better use of the space in the workshop.

Composed as model 4995 with Tank Service Base model 8525.

## DIGITAL GREASE METERS

*Digital meter Grease Control measuring system based on principle of oval gears. The meters are devices equipped with an electronic component suitable to note, by probe, the grease quantities that go through it, giving the signal on the liquid crystal display. This measuring device is particularly suitable in the installation of lubricating equipment, because it allows to check the grease deliveries inside the work-shop. The meters are not suitable for resale purposes.*

Model. 4286



Digital gears meter series "Grease Control" with gun, rigid pipe and 4 jaw coupler.

The meter can also be calibrated by the user.

Feeding: 2 batteries 1.5Vdc.

### Features

Model	4286	4289
Connections	1/4" BSP	1/8" BSP -F 10x1
Min - max. flow rate	0.20 - 2 kg/ min	0.20 - 2 kg/ min
Temperature	min. +2°C max. +50°C	min. +2°C max. +50°C
Max pressure (bar)	400 bar	400 bar
Accuracy	+/- 0.3% *	+/- 0.3% *
Max reset batch	999.9 kg	999.9 kg
Max cumulative total	9999 kg	9999 kg
Weight	1.4 kg	1.2 kg

\* standard calibration executed with NLG 0 grease



- Model.4200 Grease gun steel body, inlet-thread M 1/4"BSP outlet-thread 10x1.
- Model.4205 Grease gun steel body with flexible hose and 4 jaw coupler.
- Model.4217 Rubber flexible hose thread M 10x1 length 400mm.
- Model.4218 Ridgid pipe with 4 jaw coupler.
- Model.4220 4 jaw coupler thread 10x1.
- Model.4221 Swivel joint, thread M-F 1/4"BSP. Connected between hose and gun, allows a complete three axis rotation also if the hose is under pressure.
- Model.4223 Adapter M+M 1/4"BSP.
- Model.4225 3 jaw 9°angled coupler.
- Model.4226 Hook on coupler "Es15".
- Model.4227 Grease fitting turn coupler.
- Model.4228 Straight swivel joint, thread M-F 1/4"BSP. Connected between hose and gun, allows a complete one axis rotation also if the hose is under pressure.



Drum cover in painted metal, available in different diameters to adapt to different type of drums. The cover include 3 thumbscrews to fix to drums and ring nut to set the pump vertically.

Model.	Drum external diameter	Pump set diameter	Weight	Drum size
4301	240 - 283 mm	28 mm	2.4 kg	special
4302	290 - 330 mm	28 mm	2.6 kg	20 kg
4302S	310 - 350 mm	28 mm	2.6 kg	special
4305	360 - 400 mm	28 mm	2.8 kg	60 kg
4305S	410 - 450 mm	28 mm	2.8 kg	special
4308	560 - 600 mm	28 mm	3.0 kg	180 kg



Follower plate with rubber membrane, available in different diameters to adapt to different type of drums, used to keep the grease levelled and to avoid cavitation in the suction zone and residual grease on internal wall of drum.

Model.	Membrane diameter	Metalic plate diameter	Pump hole diameter	Weight	Drum size
4311	275 mm	230 mm	28 mm	2.8 kg	special
4314	310 mm	260 mm	28 mm	3.0kg	20 kg
4317	390 mm	325 mm	28 mm	3.2 kg	60kg
4319	590 mm	540 mm	28 mm	4.0 kg	180 kg



Model. 4308/TP Drum cover with ring nut for grease pump, models 4041 and 4045 for 180kg drums, 600mm diameter

Model.4319/TP Follower plate for grease pump, models 4041 and 4045 for 180kg drums, 590mm diameter



HP hose SAE 100 R2 AT high pressure straight female BSP fittings suitable for grease delivery, to be mounted together with pumps and hose-reel.

- Hose inner tube is synthetic rubber suitable for grease, oil, diesel and petrol.

- Reinforcement: 2 wire braids.

Length	1/4" Diam. Model.	3/8" Diam. Model.
2 mt.	4502	4702
3 mt.	4503	4703
5 mt.	4505	4705
6 mt.	4506	4706
7 mt.	4507	4707
10 mt.	4510	4710
15 mt.	4515	4715
20 mt.	4520	4720
25 mt.	4525	4725
30 mt.	4530	4730
40 mt.	4540	4740



- Type **A** Zinc plated MM - BSP nipple. Model. **9911** 1/2" x 3/8"  
Model. **9912** 1/2" x 1/4"  
Model. **4223** 1/4" x 1/4"
- Type **B** Zinc plated swivel MF - BSP nipple. Model. **4229** 1/4" x 1/4"
- Type **C** Zinc plated FM - BSP fitting. Model. **9905** 1/2" x 1/4"  
Model. **9906** 1/2" x 3/8"  
Model. **4231** 1/4" x 1/4"
- Type **D** Zinc plated 90° MF - BSP bend. Model. **4232** 1/4" x 1/4"

Nominal diameter	1/4"	3/8"
Internal diameter	6.4 mm	9.5 mm
Wire braid diameter	11.1 mm	15.1 mm
Outside diameter	13.4 mm	17.4 mm
Working pressure	540 bar	435 bar
Burst pressure	900 bar	720 bar
Min. bend radius	100 mm	130 mm
Operating temperature	-30°C +130°C	-30°C +130°C
Weight	0.23 kg	0.34 kg

## COMPRESSED AIR ACCESSORIES



Model. **7200**

Air pressure regulator with gauge  
Pressure regulation from 1 to 8 bar  
Connections 1/4" BSP

Model. **7180**

Air pressure regulator with gauge  
Air filter with semi automatic drain  
- Filtration: 20 micron  
- Pressure regulation: from 0 to 8 bar  
- Air flow rate: 850 lt/min (at 6.3 bar)  
- Condensate capacity: 22cc  
- Temperature range: 5 - 50°C  
- Sizes: 42 x 42 x 198mm  
- Connections 1/4" BSP



Model. **7150**

Air pressure regulator with gauge, filter and lubricator  
Connections 1/4" BSP

Model. **7150/12**  
As above with connections 1/2" BSP

Model. **7151**

Air lubricator. Will atomise oil at low pressure  
- Max pressure: 8 bar  
- Capacity: 42cc  
- Temperature range: 5 - 50°C  
- Sizes: 42 x 42 x 157mm  
- Connections: 1/4" BSP

