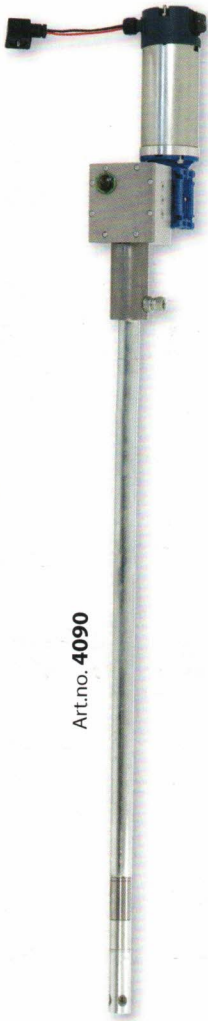


Electric pumps for the supply of grease and for high pressure lubrication in dispensing lines if only electrical power is available.

This series allows the combination of 3 different motors with different suction tubes and different planetary reduction gears, thus offering a total of 16 combinations which permit suitable solutions for various requirements.

Grease

new



Art.no. 4090

OPTIONAL
art.no. 4260



Art.no. 4092 - 4093 - 4095 - 4096



Art.no. 4097

Art. no.	Voltage	Reducers	Ø Suction tube	Max outlet pressure	Delivery	RPM	Power	Suitable for drums of	Weight				
4090/20	12 VDC	20 : 1	28x14 mm	200 bar (2900 psi)	100 g/min	3400	250 W	18 - 25 kg	12 kg				
4090/50								50 kg	13 kg				
4090/180								180 kg	14 kg				
4092/20	230 VAC - 50 Hz	7.5 : 1	28x14 mm	300 bar (4350 psi)	400 g/min	1400	750 W	18 - 25 kg	20 kg				
4092/50								50 kg	21 kg				
4092/180								180 kg	22 kg				
4093/20			28x16 mm	100 bar (1450 psi)	1200 g/min			18 - 25 kg	20 kg				
4093/50								50 kg	21 kg				
4093/180								180 kg	22 kg				
4095/20			400 VAC - 50 Hz	7.5 : 1	28x14 mm			400 bar (5800 psi)	400 g/min	1400	750 W	18 - 25 kg	22 kg
4095/50												50 kg	23 kg
4095/180												180 kg	24 kg
4096/20	28x16 mm	200 bar (2900 psi)			1200 g/min	18 - 25 kg	22 kg						
4096/50						50 kg	23 kg						
4096/180						180 kg	24 kg						
4097/180	50x22 mm	10 bar (145 psi)			8000 g/min	180 kg	26 kg						

The a. m. performance values are based upon the following test conditions: lithium grease NLGI 0 at 22°C -- free flow outlet.

ew

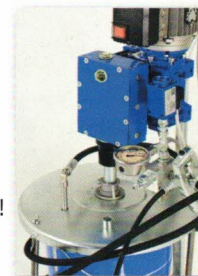


Art.no. **4998/30**

Mobile 230 VAC grease supply kit for 18-25 kg - pails, consisting of:

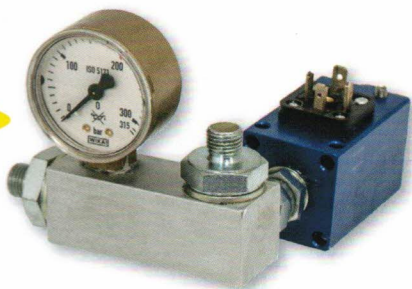
- Electrical grease pump, art. no. 4092/20;
- Adjustable pressure switch art.no. 4265;
- Metal drum cover, ø 330 – 290 mm; art. no. 4302*;
- 3 m – high pressure hose SAE 100 R2 AT, 1/4" BSP art.no. 4503;
- Trolley with 4 wheels;
- Follower plate, ø 310 - 260 mm art. no. 4314*;
- High pressure grease control gun, 300 mm – steel braid outlet hose ø ext. 10 mm and 4 - jaws - hydraulic coupler art.no. 4205;
- High pressure Z – swivel art.no. 4221.

*See accessories on page 36 for pails/drums in different dimensions!



Art. no.	Suitable for pails of	Voltage	Power	Delivery	Max outlet pressure	RPM	Reducers
4998/30	18 - 25 kg	230 VAC - 50 Hz	750 W	400 g/min	200 bar	1400	7.5 : 1

ew



Art.no. **4265**

Adjustable pressure switch.

Supplied with a glycerine manometer with graduation of 0-300 bar and regulation screw for the selection of required maximum pressure.

This assembly allows to start the pump once the control gun is activated and to stop it again due to the pressure increase in the circuit once the gun is closed and the set pressure has been achieved.

ew



Art.no. **4260**

Pressure relief valve.

Body in aluminium alloy and cartridge in galvanized steel.

Supplied with a glycerine manometer with graduation of 0 – 300 bar and regulation screw for the selection of the required maximum pressure.

Connections (BSP): inlet 1/2" (F) – outlet 1/2" (M).

ew



Art.no. **7370**

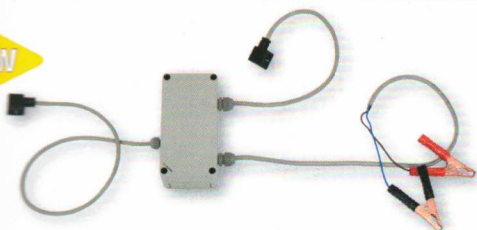
Electric safety panel, with plastic case, for 230 VAC - pumps, consisting of:

- Main ON/OFF - switch;
- Emergency switch;
- White light signal for electric circuit control;
- Green light signal for function control;
- Red light signal indicating a function stop due to overheating;
- Plug in accordance with the standard IEC 309.

Art.no. **7377**

Electric safety panel such as art.no. 7370, but with metal case, suitable for the use with 400 VAC pumps.

ew



Art.no. **7378**

Electric safety panel for the use with 12 VDC pump models, including connecting cable with crocodile clamps for battery connection as well as pressure relief valve adjustable to a pressure of up to 200 bar.

This assembly allows to start the pump once the control gun is activated and to stop it again due to the pressure increase in the circuit once the gun is closed and the set pressure has been achieved.

**Complete pneumatic grease supply kit, suitable for any kind of inside or outside use.
Max pressure achievable: 400 bar.**



Art.no. **4922**

Portable and mobile pneumatic grease supply kit with 16 kg – steel pail, consisting of:

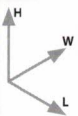
- Pneumatic grease pump, art. no. 4018;
- Pressure regulator, art. no. 7200;
- 3 m – high pressure hose SAE 100 R2 AT, 1/4", art. no. 4503;
- High pressure grease control gun, with 300 mm – steel braid outlet hose ø ext. 10 mm and 4 - jaws - hydraulic coupler, art. no. 4205;
- High pressure Z – swivel, art. no. 4221;
- Follower plate ø 230 mm;
- Steel pail with 2 wheels and carrying handle.



Art.no. **4925**

Portable and mobile pneumatic grease supply kit such as art. no. 4922, but with 5 kg - steel pail.

Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
4922	400 bar	2400 g/min	1/4" BSP (F)	2-8 bar	11 kg	240x390x930
4925	400 bar	2400 g/min	1/4" BSP (F)	2-8 bar	10 kg	240x390x890



Art.no. **4921**

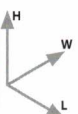
Portable pneumatic grease supply kit for 18/25 kg - pails, consisting of:

- Pneumatic grease pump, art. no. 4020;
- Pressure regulator, art. no. 7200;
- 3 m – high pressure hose SAE 100 R2 AT, 1/4", art. no. 4503;
- High pressure grease control gun, 300 mm – steel braid outlet hose ø ext. 10 mm and 4 jaws - hydraulic coupler, art. no. 4205;
- High pressure Z – swivel, art.no. 4221;
- Follower plate, ø 310 - 260 mm, art. no. 4314*;
- Metal drum cover, ø 330 – 290 mm, art. no. 4302*.

*See accessories on page 36 for pails/drums in different dimensions!



Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
4921	400 bar	2400 g/min	1/4" BSP (F)	2-8 bar	11 kg	240x240x890



Complete mobile pneumatic grease supply kit, suitable for 18/25 kg – pails in any kind of inside or outside use.
Max pressure achievable: 400 bar.

Art.no. **4920C**

Mobile pneumatic grease supply kit for 18/25 kg - pails, consisting of:

- Pneumatic grease pump, art. no. 4020;
- Pressure regulator, art. no. 7200;
- 3 m – high pressure hose SAE 100 R2 AT, 1/4", art. no. 4503;
- High pressure grease control gun, 300 mm – steel braid; outlet hose \varnothing ext. 10 mm and 4 - jaws - hydraulic coupler, art. no. 4205;
- High pressure Z – swivel, art. no. 4221;
- Follower plate, \varnothing 310 - 260 mm, art. no. 4314*;
- Metal drum cover, \varnothing 330 – 290 mm, art. no. 4302*;
- Trolley with 2 wheels, art. no. 4350.

Art.no. **4920**

Mobile pneumatic grease supply kit such as art. no. 4920C, but without art. nos. 7200 and 4221.

Art.no. **4920C/FP**

Mobile pneumatic grease supply kit such as art. no. 4920C, but for plastic drum.

*See accessories on page 36 for pails/drums in different dimensions!

Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
4920C	400 bar	2400 g/min	1/4" BSP (F)	2-8 bar	15 kg	500x500x960

NOT INCLUDED



Art.no. **4920CE**

Mobile pneumatic grease supply kit such as art. no. 4920C, but with trolley art. no. 4351.

Art.no. **4920CE/FP**

Mobile pneumatic grease supply kit such as art. no. 4920CE, but for plastic drum.

*See accessories on page 36 for pails/drums in different dimensions!

Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
4920CE	400 bar	2400 g/min	1/4" BSP (F)	2-8 bar	13 kg	500x500x960

NOT INCLUDED



Complete mobile pneumatic grease supply kits, suitable for 50 kg – drums in any kind of inside or outside use.
Max pressure achievable: 400 bar.



Art.no. **4960C**

Mobile pneumatic grease supply kit for 50 kg - drums, consisting of:

- Pneumatic grease pump, art. no. 4060;
- Pressure regulator, art. no. 7200;
- 3 m – high pressure hose SAE 100 R2 AT, 1/4", art. no. 4503;
- High pressure grease control gun, 300 mm – steel braid outlet hose ø ext. 10 mm and 4 - jaws - hydraulic coupler, art. no. 4205;
- High pressure Z – swivel, art. no. 4221;
- Follower plate, ø 390 - 325 mm, art. no. 4317*;
- Metal drum cover, ø 400 – 360 mm, art. no. 4305*;
- Trolley with 2 wheels, art. no. 4350.

Art.no. **4960**

Mobile pneumatic grease supply kit such as art. no. 4960C, but without art. nos. 7200 and 4221.



*See accessories on page 36 for pails/drums in different dimensions!

Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
4960C	400 bar	2400 g/min	1/4" BSP (F)	2-8 bar	16 kg	510x690x690

Art.no. **4980C**

Mobile pneumatic grease supply kit for 50 kg - drums, consisting of:

- Pneumatic grease pump, art. no. 4060;
- Pressure regulator, art. no. 7200;
- 3 m – high pressure hose SAE 100 R2 AT, 1/4", art. no. 4503;
- High pressure grease control gun, 300 mm – steel braid outlet hose ø ext. 10 mm and 4 jaws - hydraulic coupler, art. no. 4205 ;
- High pressure Z – swivel, art. no. 4221;
- Follower plate, ø 390 - 325 mm, art. no. 4317*;
- Metal drum cover, ø 400 – 360 mm, art. no. 4305*;
- Trolley with 4 wheels, art. no. 4360.

Art.no. **4980**

Mobile pneumatic grease supply kit such as art. no. 4980C, but without art. nos. 7200 and 4221.

*See accessories on page 36 for pails/drums in different dimensions!



Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
4980C	400 bar	2400 g/min	1/4" BSP (F)	2 - 8 bar	18 kg	600x600x1050

Complete mobile pneumatic grease supply kits, suitable for 180 kg – drums in any kind of inside or outside use.

Max pressure achievable: 400 bar.



Art.no. **4990C**

Mobile pneumatic grease supply kit for 180 kg - drums, consisting of:

- Pneumatic grease pump, art. no. 4080;
- Pressure regulator and air filter with moisture separator, art. no. 7180;
- 3 m – high pressure hose SAE 100 R2 AT, 1/4", art. no. 4503;
- High pressure grease control gun, 300 mm – steel braid outlet hose \varnothing ext. 10 mm and 4 - jaws - hydraulic coupler, art. no. 4205;
- High pressure Z – swivel, art. no. 4221;
- Follower plate, \varnothing 590 - 540 mm, art. no. 4319;
- Metal drum cover, \varnothing 600 – 560 mm, art. no. 4308;
- Trolley with 4 wheels, art. no. 4380.

Art.no. **4990**

Mobile pneumatic grease supply kit such as art. no. 4990C, but without art. nos. 7180 and 4221.

Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
4990C	400 bar	2400 g/min	1/4" BSP (F)	2 - 8 bar	22 kg	900x830x1400

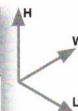


Art.no. **4910**

Mobile pneumatic grease supply kit for 180 kg - drums, consisting of:

- Pneumatic grease pump, art. no. 4080;
- Pressure regulator and air filter with moisture separator, art. no. 7180;
- Open hose reel, art. no. 9016;
- 15 m – high pressure hose SAE 100 R2 AT, 1/4", art. no. 4515;
- 2 m – connection hose SAE 100 R2 AT, 1/4", art. no. 4502;
- High pressure grease control gun, 300 mm – steel braid outlet hose \varnothing ext. 10 mm and 4 - jaws - hydraulic coupler, art. no. 4205;
- Follower plate, \varnothing 590 - 540 mm, art. no. 4319;
- Metal drum cover, \varnothing 600 – 560 mm, art. no. 4308;
- Trolley with 4 wheels and mounting bracket for hose reel, art. no. 4380/P.

Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
4910	400 bar	2400 g/min	1/4" BSP (F)	2 - 8 bar	72 kg	900x870x1400



Art.no. **4911**

Mobile pneumatic grease supply kit for 180 kg - drums, consisting of:

- Pneumatic grease pump, art. no. 4080;
- Pressure regulator and air filter with moisture separator, art. no. 7180;
- Open hose reel, art. no. 9016;
- 15 m – high pressure hose SAE 100 R2 AT, 1/4", art. no. 4515;
- 2 m – connection hose SAE 100 R2 AT, 1/4", art. no. 4502;
- High pressure grease control gun, 300 mm – steel braid outlet hose \varnothing ext. 10 mm and 4 - jaws - hydraulic coupler, art. no. 4205;
- High pressure Z – swivel, art. no. 4221;
- Follower plate, \varnothing 590 - 540 mm, art. no. 4319;
- Metal drum cover, \varnothing 600 – 560 mm, art. no. 4308;
- Heavy duty trolley with 4 wheels and grate, art. no. 4389.

Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
4911	400 bar	2400 g/min	1/4" BSP (F)	2 - 8 bar	90 kg	900x1030x1400



**Complete stationary pneumatic grease supply kit, suitable for 50 kg and 180 kg – drums in any kind of inside or outside use.
Max pressure achievable: 400 bar.**

Grease



Art.no. **4961**
Art.no. **4981**

Stationary pneumatic grease supply kits, consisting of:

	4961	4981
Pneumatic grease pump	Art.no. 4060	Art.no. 4080
Metal drum cover	Art.no. 4305 Ø 400-360 mm	Art.no. 4308 Ø 600-560 mm
High pressure hose 1/4", length 4 m	Art.no. 4504	Art.no. 4504
Follower plate	Art.no. 4317 Ø 390x325 mm	Art.no. 4319 Ø 590x540 mm
High pressure grease control gun with steel braid outlet hose ø ext. 10 mm and 4 - jaws - hydraulic coupler	Art.no. 4205	Art.no. 4205
Pressure regulator and air filter with moisture separator	Art.no. 7180	Art.no. 7180
High pressure Z – swivel	Art.no. 4221	Art.no. 4221

Art. no.	For drums of	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight
4961	50 kg	400 bar	2400 g/min	1/4" BSP (F)	2 - 8 bar	14 kg
4981	180 kg					16 kg

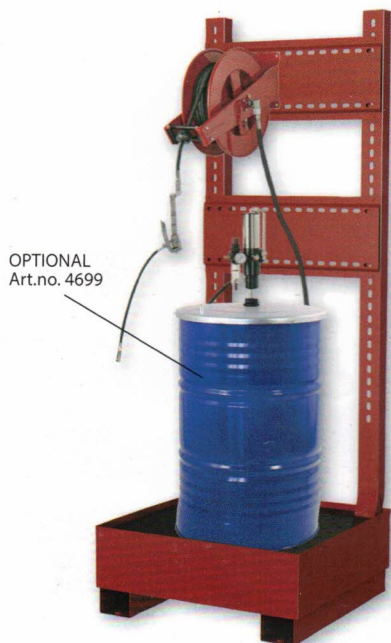


Art.no. **4995**

Stationary pneumatic grease supply kit for 180 kg – drums with hose reel for wall or pillar installation, consisting of:

- Pneumatic grease pump, art. no. 4080;
- Pressure regulator and air filter with moisture separator, art. no. 7180;
- Open hose reel, art. no. 9016;
- 15 m – high pressure hose SAE 100 R2 AT, 1/4", art. no. 4515;
- 2 m – connection hose SAE 100 R2 AT, 1/4", art. no. 4502;
- High pressure grease control gun, 300 mm – steel braid outlet hose ø ext. 10 mm and 4 - jaws - hydraulic coupler, art. no. 4205;
- High pressure Z – swivel, art. no. 4221;
- Follower plate, Ø 590 - 540 mm, art. no. 4319;
- Metal drum cover, ø 600 – 560 mm, art. no. 4308.

Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight
4995	400 bar	2400 g/min	1/4" BSP (F)	2 - 8 bar	36 kg



Art.no. **8558**

Stationary pneumatic grease supply kit for 180 kg – drums with hose reel, installed on a "Tank Service Base" unit. Compared to a system installed on the wall, the system which is mounted on the "Tank Service Base" unit also includes a spill containment pallet for the drum storage with a self-supporting structure forming a "lubrication island" that can be placed in any location of a workshop.

The composition is the same as the one of art. no. 4995, but completed by a "Tank Service Base" unit for 1 drum with the self-supporting structure consisting of 2 steel rails and 2 steel panels for the installation of the components (art. no. 8525).

Optional: art. no. 4699 metal 180 kg – drum (empty).

Art. no.	Max outlet pressure	Delivery	Connection compressed air	Compressed air supply	Weight	Dimensions (LxWxH) (mm)
8558	400 bar	2400 g/min	1/4" BSP (F)	2 - 8 bar	78 kg	830x880x2360



Art.no. **4999/30**
 Art.no. **4999/60**
 Art.no. **4999/200**



Stationary ram hoist for grease with bedplate, consisting of a special pump lifting device suitable for pneumatic piston grease pumps and a grease compacting system that works based on a pneumatic circuit which is activated by a control valve.

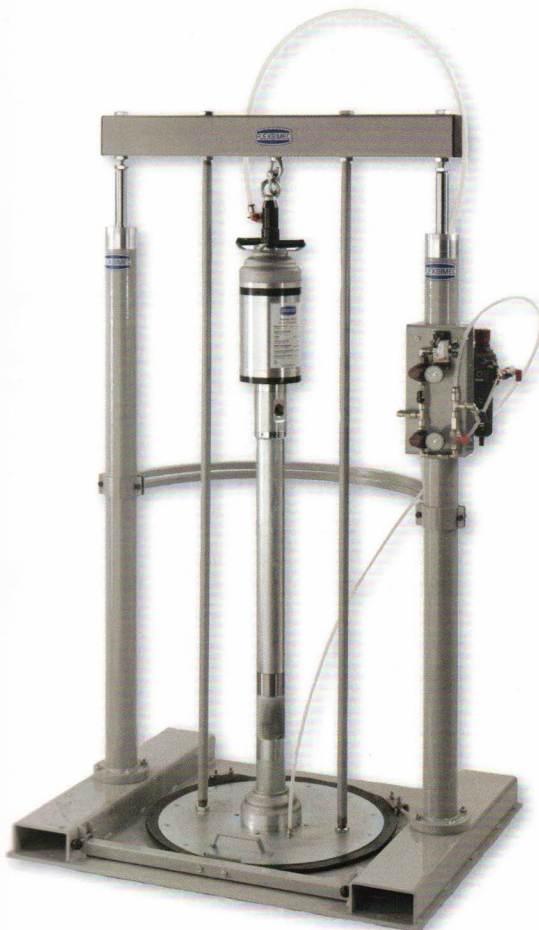
This unit is used when the grease has a high degree of viscosity or is very dense due to low temperature and therefore is difficult to pump. Suitable for the use with all grease pump models of series standard, TWDE and IFP (except art.no. 4043).

In the standard version the kit includes a pneumatic 50:1 – grease pump of the standard series.

On demand also available with other pump models.

Versions for the use with pails and drums are available.

Art.no. **4999/200INP**



Stationary ram hoist for grease with bedplate, consisting of a special pump lifting device suitable for pneumatic piston grease pumps, series POWER BULL, and a grease compacting system that works based on a pneumatic circuit which is activated by a control valve.

This unit is used when the grease has a high degree of viscosity or is very dense due to low temperature and therefore is difficult to pump. Suitable for the use with grease pump models art.nos. 4046 – 4047 – 4048 – 4049 – 4050 – 4051.

In the standard version the kit includes a pneumatic 50:1 – grease pump, art.no. 4049.

On demand also available with other pump models.

Suitable for the use with 180 kg – grease drums.

Art. no.	4999/30	4999/60	4999/200	4999/200INP
Pump model	4020	4060	4080	4049
Compression ratio	50:1			
Max outlet pressure	400 bar			
Pressure pneumatic circuit	1 – 3 bar			
Pressure performance compacting system	1 bar = 50 kg pressure			
Suitable for pails/drums of	18 kg	50 kg	180 kg	
Dimensions (LxWxH) (mm)	1090 x 630 x 1750			1090 x 630 x 1900
Weight	85 kg	110 kg	170 kg	220 kg