



02

AIR OPERATED GREASE PUMPS AND KITS

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404 100 / 407 200 / 409 200

PUMPMASTER 3, 55:1 PRESSURE RATIO GREASE PUMPS



Double acting air operated pumps for high pressure greasing. Recommended use in mobile units and single point dispensing units when the hose reel is connected directly to the pump outlet.

Typically used in workshops, service stations, fleet maintenance in mining, agriculture, armed forces, construction, trains, etc.

Pumps include height adjustable bung adaptor.

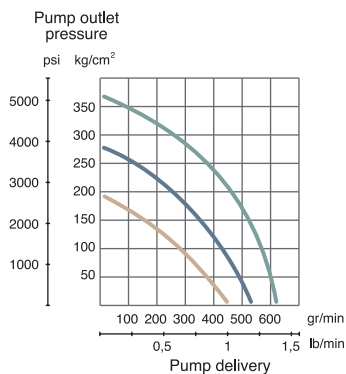
Models

APPLICATION	SUCTION TUBE HEIGHT	TOTAL HEIGHT	WEIGHT	PART N.º
12,5 - 20 Kg (40 lb) pails	450 mm	650 mm	3,5 Kg	404 100
50 Kg (120 lb) drum	510 mm	710 mm	3,7 Kg	405 100
50 Kg (120 lb) drum	725 mm	925 mm	4,3 Kg	407 200
185 Kg (400 lb) drum	920 mm	1.120 mm	4,8 Kg	409 200

Technical data

Pressure ratio	55:1
Pump tube diameter	26 mm (approx. 1")
Air piston diameter	70 mm (approx. 3")
Air piston stroke	35 mm (1,5")
Maximum free flow capacity ¹	600 gr/min (ounces / min)
Minimum air pressure	3 bar (42 psi)
Maximum air pressure	10 bar (140 psi)
Maximum fluid pressure	550 bar (7.700 psi)
Air inlet	1/4" BSPT (F)
Fluid outlet	1/4" BSP (F)

¹ Free delivery at 7 bar air inlet pressure, using NLGI I grease at 20°C.



— Air inlet pressure 84 psi (6 bar).
— Air inlet pressure 63 psi (4,5 bar).
— Air inlet pressure 42 psi (3 bar).

402 025

PUMPMASTER 3+3, 55:1 PRESSURE RATIO GREASE PUMPS



Double acting air operated pumps with reinforced foot and pressure valves for high pressure greasing. Recommended use in mobile units when a greater delivery is required, and in installations with multiple dispensing points.

Typically used in workshops, service stations, fast lube centers, fleet maintenance in mining, agriculture, armed forces, construction, trains, etc.

Pumps include height adjustable bung adaptor.

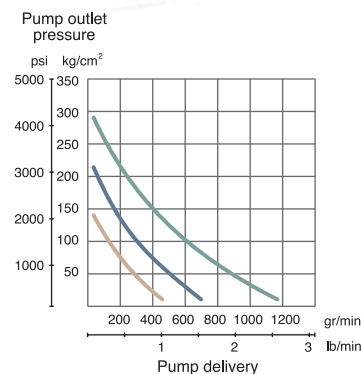
Models

APPLICATION	SUCTION TUBE HEIGHT	TOTAL HEIGHT	WEIGHT	PART N.º
12,5 - 20 Kg (40 lb) pails	450 mm	745 mm	6,5 Kg	402 050
50 Kg (120 lb) drum	725 mm	1.020 mm	7,5 Kg	402 000
185 Kg (400 lb) drum	920 mm	1.215 mm	8,5 Kg	402 025

Technical data

Pressure ratio	55:1
Pump tube diameter	30 mm (1.2")
Air piston diameter	75 mm (3")
Air piston stroke	75 mm (3")
Maximum free flow capacity ¹	1.200 gr/min (ounces / min)
Minimum air pressure	3 bar (42 psi)
Maximum air pressure	10 bar (140 psi)
Maximum fluid pressure	550 bar (7.700 psi)
Air inlet	3/8" BSPT (F)
Fluid outlet	3/8" BSP (F)

¹ Free delivery at 7 bar air inlet pressure, using NLGI II grease at 20°C.



— Air inlet pressure 84 psi (6 bar).
— Air inlet pressure 63 psi (4,5 bar).
— Air inlet pressure 42 psi (3 bar).



Double acting air operated pumps for high pressure greasing. Recommended use in installations with multiple dispensing points and simultaneous operation outlets.

Typically used in workshops, service stations, fleet maintenance in mining, agriculture, armed forces, construction, trains, etc.

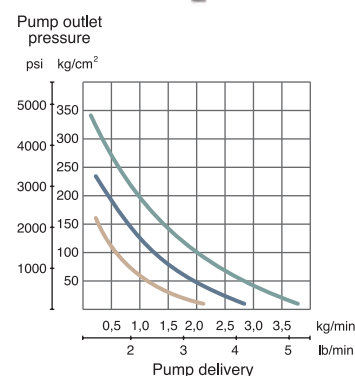
Models

APPLICATION	SUCTION TUBE HEIGHT	TOTAL HEIGHT	WEIGHT	PART NO.
185 Kg (400 lb) drum	850 mm	1330 mm	Kg	401 025

Technical data

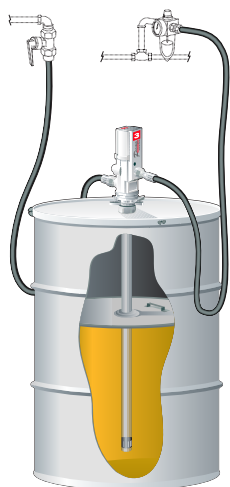
Pressure ratio	55:1
Pump tube diameter	35 mm (1.33")
Air piston diameter	160 mm (6")
Air piston stroke	110 mm (4 1/4")
Maximum free flow capacity ¹	3.200 gr/min (7.25 lbs / min)
Minimum air pressure	3 bar (42 psi)
Maximum air pressure	10 bar (140 psi)
Maximum fluid pressure	550 bar (7.100 psi)
Air inlet	1/2" BSPT (F)
Fluid outlet	3/8" BSP (F)

¹ Free delivery at 7 bar air inlet pressure, using NLGI II grease at 20°C.



429 000

PUMPMaster 3 GREASE PUMP KITS*



429 200 - PumpMaster 3 grease pump kit for 50 Kg drums

Includes:

- 407 200: PumpMaster 3 high pressure grease pump with bung adaptor.
- 418 004: Drum cover for 50 Kg drums.
- 412 910: PumpMaster 3 air and grease line connection kit.

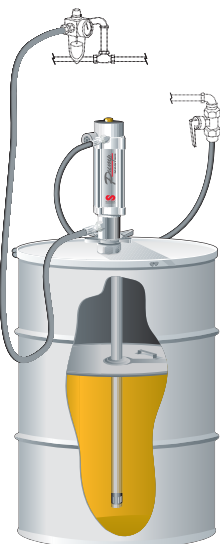
429 000 - PumpMaster 3 grease pump kit for 180 Kg drums

Includes:

- 409 200: PumpMaster 3 high pressure grease pump with bung adaptor.
- 418 006: Drum cover for 180 Kg drums.
- 417 004: Follower plate for 180 Kg drums.
- 412 910: PumpMaster 3 air and grease line connection kit.

429 800

PUMPMaster 3+3 GREASE PUMP KITS*



429 810 - PumpMaster 3+3 grease pump kit for 50 Kg drums

Includes:

- 402 000: PumpMaster 3+3 high pressure grease pump with bung adaptor.
- 418 004: Drum cover for 50 Kg drums.
- 412 970: PumpMaster 4+ air and grease line connection kit.

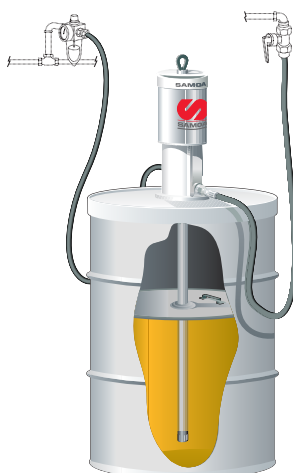
429 800 - PumpMaster 3+3 grease pump kit for 180 Kg drums

Includes:

- 402 025: PumpMaster 3+3 high pressure grease pump with bung adaptor.
- 418 006: Drum cover for 180 Kg drums.
- 417 004: Follower plate for 180 Kg drums.
- 412 970: PumpMaster 4+ air and grease line connection kit.

429 900

PUMPMaster 6 GREASE PUMP KIT*



429 900 - PumpMaster 6 grease pump kit for 180 Kg drums

Includes:

- 401 025: PumpMaster 6 high pressure grease pump.
- 418 026: Drum cover for 180 Kg drums.
- 417 004: Follower plate for 180 Kg drums.
- 412 930: PumpMaster 6 air and grease line connection kit.

* Pump kits include all hoses and adaptors required for connecting a grease pump to the air supply and the grease distribution lines.

418 004 / 360 125

DRUM COVERS



Very solid construction.

PART N.º	DRUM TYPE	DRUM EXT. Ø (MAX - MIN)	PUMP FIXATION
418 013	12,5 - 18 Kg pails	310 - 265 mm	2" BSP (F)
418 002	20 Kg pails	330 - 285 mm	2" BSP (F)
418 016	50 Kg drums	395 - 350 mm	2" BSP (F)
418 004	50 Kg drums	405 - 360 mm	2" BSP (F)
418 006	180 Kg drums	610 - 565 mm	2" BSP (F)
418 026	180 Kg drums	620 - 580 mm	4 x Ø 9 mm

Drum cover accessories.

- 741 602: Carrying handle (for covers 418 013 and 418 002).
- 360 125: Grease gun holder for drum covers.



417 003

FOLLOWER PLATES

Eliminates air pockets and aids pump prime. Rubber flange minimizes waste. With handle for easy removal from empty drums.



PART N.º	DRUM TYPE	DRUM EXT. Ø (MAX - MIN.)	Ø INT. (MAX - MIN.)
417 001	12,5 - 18 Kg pails	298 - 260 mm	42 - 26 mm
417 005	20 kg pails	340 - 300 mm	42 - 26 mm
417 002	50 Kg drums	370 - 330 mm	42 - 26 mm
417 003	50 Kg drums	405 - 360 mm	42 - 26 mm
417 004	180 Kg drums	590 - 550 mm	42 - 26 mm

410 000

BUNG ADAPTORS

2" BSP (F) connection thread, adjusts to all drum covers except for cover 418 026 that requires converter 360 133.



PART N.º	APPLICATION	INTERNAL JAW Ø
410 000	PumpMaster 3 pumps	26 mm
410 002	PumpMaster 3+3 pumps	30 mm
410 001	PumpMaster 6 pumps	35 mm

360 133 - 2" BSP (F) converter plate for drum cover 418 026

412 103

GREASE HOSES



High pressure, nitrile rubber hoses reinforced with two steel braids. Swaged fittings with swiveling nut and adaptors on both ends.

PART N.º	LENGTH	INTERNAL Ø	FITTING THREADS	WORK PRESSURE
412 101	1,0 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 190	1,5 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 102	2,0 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 103	3,0 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 104	4,0 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 106	6,0 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 108	8,0 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 110	10,0 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 112	12,0 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 115	15,0 m	1/4"	1/4" BSP (MM)	500 bar (7140 psi)
412 391	1,5 m	3/8"	1/4" BSP (M) x 3/8" BSP (M)	400 bar (5715 psi)
412 392	1,5 m	3/8"	3/8" BSP (M) x 1/2" BSP (M)	400 bar (5715 psi)

950 304

HIGH PRESSURE GREASE VALVE VALVES



950 304 - High pressure grease valve.

500 bar (7140 psi) working pressure. 1/2" BSP (FF)

AIR LINE ACCESSORIES

240 500 / 246 010



240 500: Combined air filter and pressure regulator. 1/4" BSP (FF).

For PumpMaster 3 and 3+3 pumps.

240 200: Air pressure regulator. 1/4" BSP (FF).

For PumpMaster 6 pumps.

241 501: Combined air filter and pressure regulator. 1/2" BSP (F) - 3/8" BSP (F).

For PumpMaster 6 pumps.

241 201: Air pressure regulator. 1/2" BSP (F) - 3/8" BSP (F).

For PumpMaster 6 pumps.

246 010



239 000: 1/4" BSP (M) x 1/4" BSP (M) connection adapter

945 516: 1/2" BSP (M) x 1/4" BSP (F) connection adapter

239 002: 3/8" BSP (M) x 3/8" BSP (M) connection adapter

239 004: 1/2" BSP (M) x 1/2" BSP (M) connection adapter

246 006: Air hose, 0,6 m. For PumpMaster 3 and 4+ pumps. 1/4" BSP (MM)

246 010: Air hose, 1,0 m. For PumpMaster 3 and 4+ pumps. 1/4" BSP (MM)

246 015: Air hose, 1,5 m. For PumpMaster 3 and 4+ pumps. 1/4" BSP (MM)

950 302 / 950 321



362 100: Air hose, 1,0 m. For PumpMaster 6 pumps. 1/2" BSP (MM).

362 101: Air hose, 1,5 m. For PumpMaster 6 pumps. 1/2" BSP (MM).

950 302: Air needle valve, 1/4" BSP (MM)

950 321: Air ball valve, 1/4" BSP (MM)

950 318: Air ball valve, 3/8" BSP (MM)

950 319: Air ball valve, 1/2" BSP (MM)

CONNECTION ADAPTORS



945 590: 1/4" BSP (MM)

945 592: 3/8" BSP (MM)

945 593: 1/2" BSP (MM)

945 554: 3/4" BSP (M): 1/2" BSP (M)

945 557: 1/2" BSP (M) - 3/8" BSP (M)

945 556: 1/2" BSP (M) - 3/8" BSP (F)

945 516: 1/2" BSP (M) - 1/4" BSP (F)