

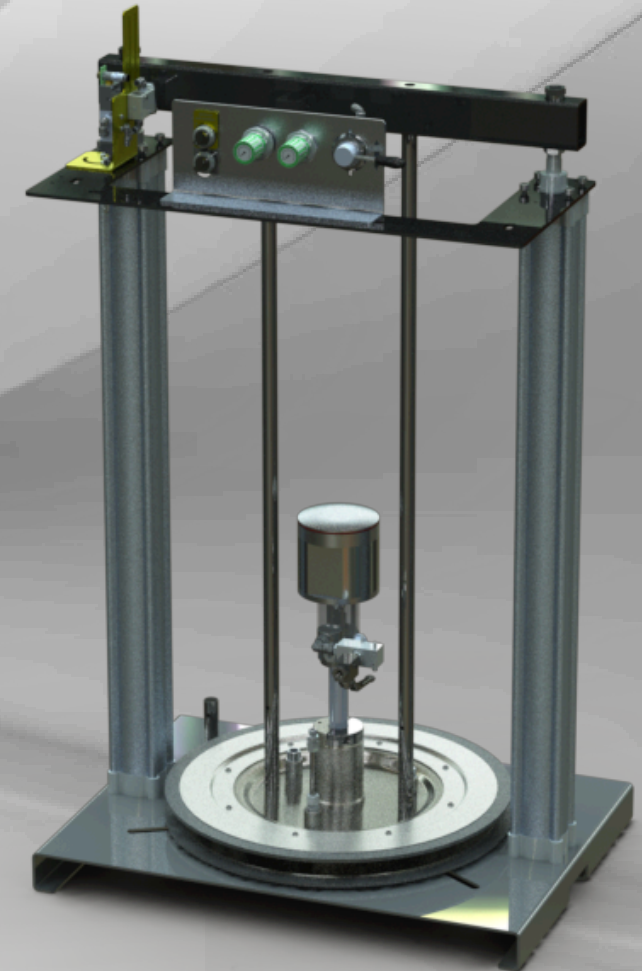
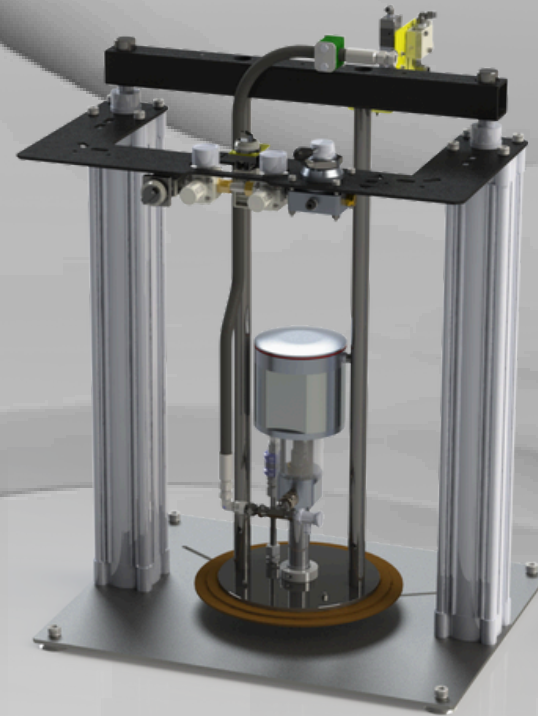
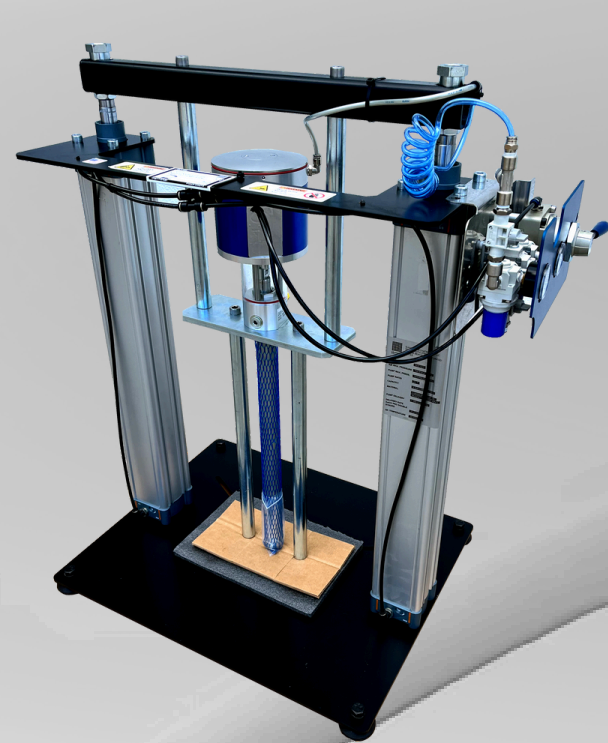
SBM-DLF Series

DLF Material Forwarding Double Lifter Pump

Improving Grease Application with SBMETO's **DLF Series** Double Lifter Pumps



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DESCRIPTION

SBMETO has completely reengineered its product range in the area of drum pumps to suit the specific needs of customers, particularly focusing on grease application. The SBMETO DLF Series double lifter pumps feature double acting chop check pumps. They efficiently feed single component materials such as greases and oils from NLGI 1 to NLGI 4, one or two part adhesives and silicones directly and cleanly from original containers. The DLF Series pumps have proven to be versatile, serving as central material supply systems as well as supplying individual stations.

SBMETO's DLF Series is manufactured to be modular, robust, fail-safe, and remarkably user, service and maintenance friendly.

FEATURES

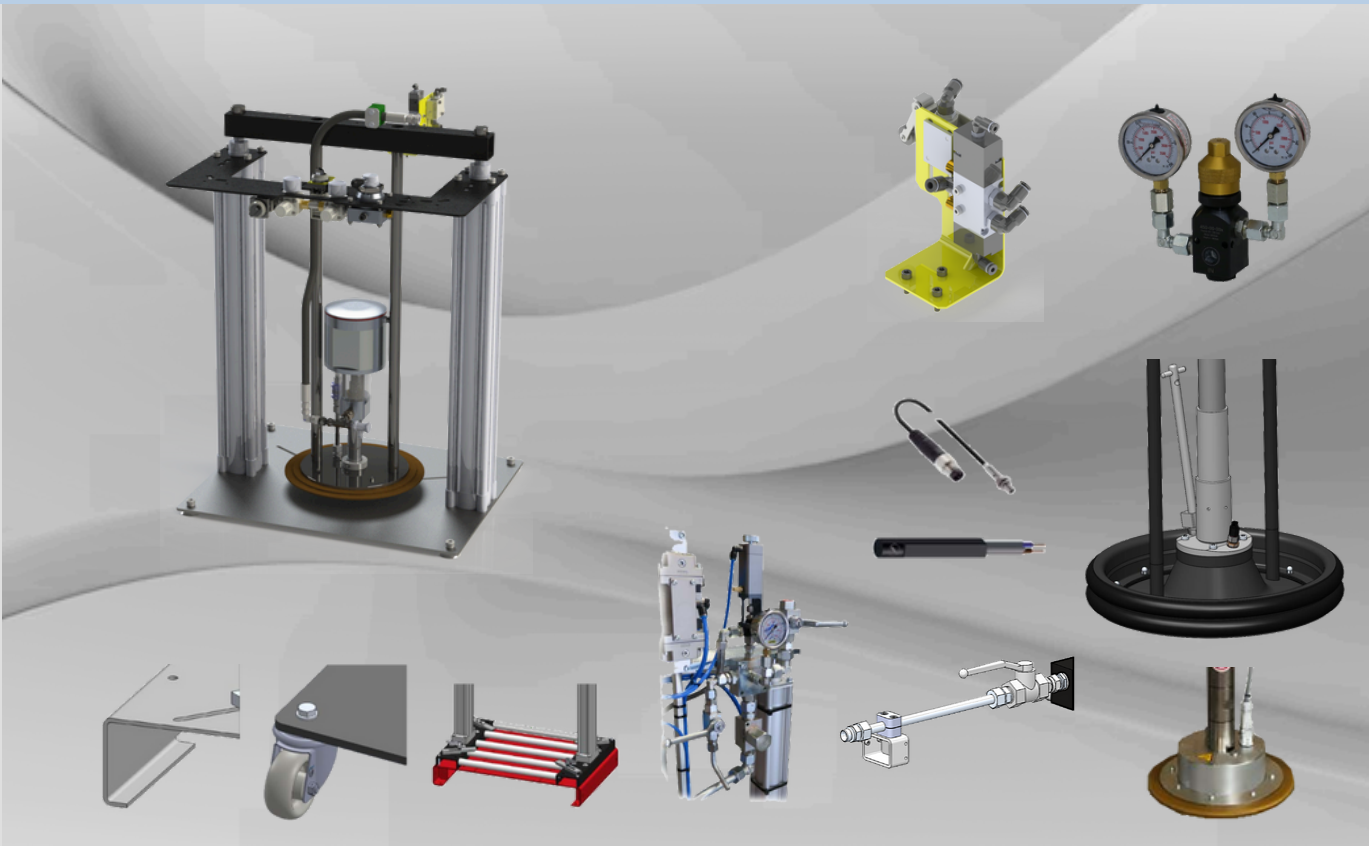
- Efficient Operation: Double-acting, fast-changeover
- Robust Construction: Durable design for reliable performance
- Easy Maintenance: Simple venting during drum changes
- User-Friendly Operation: 1-hand control box and automatic shut-off option available
- High-Pressure Capability: Pressure ratio up to 66:1

SBM-DLF Series

DLF 1350 Material Forwarding Double Lifter Pump
Improving Grease Application with SBMETO's **DLF Series** Double Lifter Pumps



TECHNICAL DATA	SLF 110	DLF 525	DLF 1350	DLF 55200
Model / Type	P1/P10/S100	P80/S100	P80/S100	P / M40
Pressure ratio:	37 :1 / 25:1	37 :1 / 25:1 / 60:1	37 :1 / 25:1 / 60:1	56 :1/60:1
Max. viscosity:	up to NLGI-4 (1 MIL mPa.s)	up to NLGI-4	up to NLGI-4	up to NLGI-4
Flowrate:	0,5 l/min [0.13 gal]	0,6 l/min	0,6 l/min	0,65 l/min
FR – 1 double stroke:	4,7 cm3 [16 fl. Oz.]	4,7 cm3 [16 fl. Oz.]	4,7 cm3 [16 fl. Oz.]	30,7 cm3 [8.1 GPM]
Working pressure:	100 to 160 bar [1450 to 2320 psi]	50 - 140 bar	50 - 140 bar	25 – 250 bar 3626 psi]
Maximal pressure:	250 bar [3626 psi]	233 bar [3234 psi]	233 bar [3234 psi]	310 bar [4496 psi]
Air consumption:	80 l/min [21 GPM]	80 l/min [21 GPM]	80 l/min [21 GPM]	220 l/min [58 GPM]
Inlet air pressure:	3 – 8 bar [43 - 116 psi]	3 – 8 bar [43 - 116 psi]	3 – 8 bar [43 - 116 psi]	3 – 8 bar. [43 - 116 psi]
⚠ Approximate dim. (versions changes)				
Base plate:	0.5x 0.32 meter [19.6" x 12.6"]	0.7 x 0.5 meter [27.6" x 19.7"]	0.7 x 0.5 meter [27.6" x 19.7"]	0.9 x 0.6 meter [35.4" x 23.6"]
Height extended:	1.04 m [40.9"]	1.26 meter [4.1']	1.26 meter [4.1']	2.75 meter [8.4']
Net Weight:	35 kg / 77 lbs.	43 kg / 95 lbs.	43 kg / 95 lbs.	205 kg / 452 lbs
Max. container height:	290 mm [11.4 "]	350 mm [13.7"]	650 mm [25.6"]	880 mm [34.6"]
Drums I.D. ø from - to	90 – 240 mm [3.5" to 9.5"]	90 – 240 mm [3.5" to 9.5"]	90 – 240 mm [3.5" to 9.5"]	570 - 575 mm [22.4" to 22.6"]

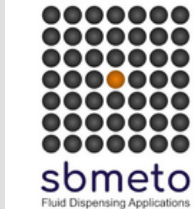


- UPGRADE:**
For added flexibility, the valve can be equipped with a hand grip for manual use.
- Mobility: Equipped with wheels for easy transportation
 - Temperature Control: Heating follower plate and heating connection hose
 - Enhanced Safety: 2-hand control box for added safety
 - Automated Operation: Electric control for automatic shut-off at low material levels
 - ELS, Pneumatic or Electric Empty Level Stop

ACCESSORIES

- **Follower plates**
 - standard dimensions
 - custom made
- **ELS empty level stop**
 - pneumatically operated
 - electric sensor switch
- **Twin system**
 - double pump system and control for 24/7 op.
 - intermediate 1 gallon tank backup for 24/7 op.
- **Purge / Pressure release**
 - Manual
 - Automatic
- **Frame**
 - swivel castors
 - roller
- **Heating control system**
 - heated follower plate
- **Pressure regulators**
 - Check valve MPR G1/4" to 1/2" BSPP
 - Diaphragm MPR G1/4" to 1/2" BSPP
- **Inline static mixer (Air Bubble Breaker)**
- **PLC control box**

*the part # is only used as type/ model identification

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