

Drum piston pump P-80-56-1



LubTec drum pumps are chop check pumps. They feed single component materials such as grease, oil, adhesives, sealing compounds, polyurethane, silicone etc. with viscosities up to 5.0 million mPa s directly from original containers.

LubTec drum pumps are particularly useful as central material supply systems as well as being able to supply single stations.

LubTec drum pumps are manufactured as modular, robust, fail-safe, and maintenance friendly

A drum pump with a follower plate is used for processing materials to high-viscosity media. The follower plate is made of aluminium, steel or cast iron.

The follower plate is manufactured with elastomer wipers for efficiently wiping the inside walls of the drum clean during use. The wipers adjust to the diameter of the conic drum.

For the cylindrical drum is designate follower plate with O-ring.

Control box with 1- hand or 2-hand operation. When the minimum level is reached the pump will shut down automatically. An audible alarm is emitted when the drum becomes empty.

Product features:

- *Double acting, fast change-over air motor*
- *Robust design*
- *Twin pneumatic ram pump elevator.*
- *Simple venting during drum change*
- *Chemical resistant seals.*
- *Hard chrome plated pistons*
- *Adjustable packing*
- *Hard Teflon seal kit*
- *Wetted parts made of stainless steel or with specific surface treatment*
- *For abrasive materials wetted parts with DLC coating (hardness 2800 Vickers in thickness 3 μ)*
- *1-hand or 2-hand control box*
- *Switch on the pump if the material is being driven.*
- *Automatic switch off by minimum material in drum with acoustic alarm .*

Option:

- Hydraulic piston ram elevator
- Heating follower plate and double piston pump
- Hydraulic driver motor
- Electric driver motor
- Electric control for minimum level material in drum.

- 💧 **Centralized lubrication systems**
- 💧 **Metering technology**
- 💧 **Mixing technology**

Technical data:			
Pressure ratio:	56 :1		
Max. viscosity:	up to 5,0 mil mPa.s		
Flowrate: at 20 double strokes	0,65 l/min 30,7 cm ³		
Flowrate – 1 double stroke:	25 – 250 bar		
Working pressure:	310 bar		
Maximal pressure:	220 l/min		
Air consumption:	3 – 8 bar.		
Inlet air pressure:			
Dimensions:	610 x 500 mm		
Base plate:	2 200 mm		
Height extended:	75 kg		
Weight without drum:	750 mm		
Max. height of drum:			
For the drums Inner ø from - to	275 – 400 mm		