

ELECTRIC FOLLOWER PLATE PUMP PPE

A completely new concept, where instead of the classic pneumatic pump, an electric controlled motor drive a PCP cavity pump. The result is a fluid feeding without any pressure peak, with the fluid which is not stressed with the higher pressures, preventing separation between the components etc.

The pump is driven by a servo cooled motor, which permit to change in any moment the rotation speed, in this way the pressure on the line remain constant, in any condition of the system.

This feature allow the most reliable dosing, without being affected from viscosity or temperature variations.

The pump is designed for 25 to 50 kgs drums, is equipped with a tailored made follower plate, and the centering bracket and a couple of belt make the drum changing easy and clean.



DAV TECH SRL

Via Ravizza, 30
36075 Montecchio Maggiore (VI) - ITALY
Tel. 0039 0444 574510
Fax 0039 0444 574324

davtech@davtech.it
www.davtech.it

FIELDS OF APPLICATION:

- > **Drum emptying and feeding at constant pressure of greases, silicone, and pasty products in drums up to 50 kg.**

FEATURES:

- > No pressure peaks, the fluid pressure remain stable from the start to the end of the dispensing, both for small to high pressures.
- > The original drum is completely emptied
- > Analogic pressure sensor for the motor driving
- > Green, because electrically driven and not pneumatically
- > Simple, strong and with cart for fast moving
- > Follower plate tailor made on the drum size
- > Upon request acoustic or electric alarm for drum empty
- > Fast exhaust system to evacuate air bubbles.

Technical Data

Type	Follower plate electric feeding pump
Drum size	Max Diam 395 mm, Max Height 630 mm
Feeded volume	15 cc/rev
Fluids	Grease, silicone and pasty products
Pneumatic feeding pressure	6 bar
Outlet pressure fluid	Max 24 bar
Weight	120 Kg
Outlet fittings	3/8 gas 1/4 gas
Opzioni	Low level alarm, pump stop system