# DAVtech

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## FOLLOWER PLATE PUMP PP50

The follower plate pump PP50 is made from a base on which is fitted a double pneumatic lift unit that raises and lowers the pump and the pressure plate.

All the movements is controlled by a manual pneumatic valve on top of the pump. The pneumatic pump is available 2 compression ratios, 30:1 and 38:1, and once fed with compressed air is able to suck and feed in pressure even very high viscosity products.

The pressure plate is made following the size of the drum (avoiding leakage from the sides of itself), while the centering straps make the substitution of the drum simple and fast. The extremely robust structure makes it suitable for applications even in the harshest environments.

The wheels carriage on which is mounted, allows easy movement when necessary.

### FIELDS OF APPLICATION:

> **High pressure feeding of grease, silicones and other high viscosity fluids from 50 ks drums**

### FEATURES:

> No need for decanting, the drum original is completely emptied

> Simple, rugged and with wheels for easy moving

> Follower plate customized for size of the drum

> Available on request with acustic or eletric alarm for minimum level

> Pressure reducing valves with gauge to regulate the pressure at the pump and to the lifting cylinders

> Screwed spindle simply delete the air present above the level of the product



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### Technical datas

| Type | Pneumatic pump mounted on pneumatic hoist | |
|---|---|---|
| Max drum sizes | Diam. max 395 mm, Height max 630 mm | |
| Ratio | 30:1 | 38:1 |
| Stroke | 40 cc/cycle | 15 cc/cycle |
| Used fluids | Grease, silicones and pasty products, also with high viscosity | |
| Air pressure | 1-8 bar | |
| Fluid outlet pressure | 30-240 bar | 38-300 bar |
| Weight | 55 Kg | 45 Kg |
| Air fitting inlet | 1/2 gas | 1/4 gas |
| Fluid fitting outlet | 3/8 gas | 1/4 gas |
| Options | Low level alarm (electric or acustic) Stop pump system Filter Heating drum system | |