



product data sheet

ViscoMT-L

description



The ViscoMT-L 3/18 barrel-emptying unit offers a modern solution for the emptying of containers.

The use of our VMP series for the emptying of medium offers the following advantages:

- container sizes from approx. 50 l to 300 l
- viscosities from approx. 80,000 to 2,000,000 mPas
- very low shear stress of medium
- very low pressure load on medium (max. 12 bar)
- emptying of media with filler content
- no backflow in the emptying pump
- electrical control of pump with pressure regulation
- valveless pump system
- no material pressure reducers required thanks to electronic pressure setting
- excellent emptying results (less than 1% residue)

application

- material emptying direct from original container, e.g. silicones, adhesives, resins, grease, colour paste
- material feed to dispensers
- direct dosing as pulsation-free flow, e.g. for screen-printer machines

technical data

electrical data (power supply)	230 V, 10 A, 50 Hz, 0.37 kW
max. emptying rate / speed	600 ml/min* / 80 rpm*
barrel diameter	285 mm (different diameters are possible)
hose connection	¾ "
base size	920 x 1,140 mm, mobile
pneumatic connection	min. 5 bar, max. 8 bar

* depends on material

item no.

ViscoMT-L 3VMP18 VisLas

134490

item information

control

- ViscoDos-B, item no. 129868

signal exchange

- input signals
 - start emptying (high/low, allocated to pressure regulation)
 - Switch off NO (barrel empty, can be allocated externally)
 - Switch off NC (overpressure)
 - external enabling (potential free contact)
- output signals
 - ready/fault (potential free changeover contact)
 - alert „barrel almost empty“ (potential free changeover contact)

further designs

- emptying pumps of other capacities (max. 10 l/min) and follower plates to fit containers
- stator material selected to comply with the material

scope of delivery

- ViscoMT-L 3/18 with basis control
- operating manual

necessary and optimal components

- dispenser with drive for dosing
- dosing control
- hose lines
- baffle plates reduces cleaning losses at barrel change
- several barrel diameters possible

examples of use

