

description



The ViscoMT-XS hobcock emptying unit offers a modern solution for the emptying of containers.

The use of eccentric screw pumps for the emptying of material offers the following advantages:

- container sizes from approx. 5 l to 50 l
- viscosities from approx. 80,000 to 2,000,000 mPas
- very low shear stress of material
- very low pressure load on material (max. 18 bar)
- emptying of material with filler content
- no backflow in the emptying pump
- electrical control of pump with pressure regulation
- valveless pump system
- no material pressure reducers required due to electronic pressure setting
- excellent emptying results (less than 1% residue)
- electronic signal for „empty“ and „almost empty“

application

- material emptying direct from original container, for example: silicones, adhesives, resins, grease, colour pastes, metal filled pastes (Cu and Ni solder pastes, Al and Ag pastes)
- material feed to dispensers
- direct dosing as pulsation free flow

technical data

electrical data (power supply)	230 V, 10 A, 50 Hz, 0.37 kW
max. emptying rate / speed	approx. 810 ml/min.* / 60 rpm*
container diameter	285 mm (other diameters possible)
hose connection	3/4"
base size	triangular, 790x905 mm, mobile
pneumatic connection	min. 5 bar, max. 8 bar

* depends on material

item information

control ViscoDos-B

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)
 - optional 1-10 V analog input for external speed setpoint
- output signals
 - ready/fault (potential free changeover contact)
 - alert „barrel almost empty“ (potential free changeover contact)

further designs

- Versions with emptying pumps of other capacities (max. 3 l/min.) and follower plates to fit containers

stator material is selected to comply with the material

scope of delivery

- ViscoMT-XS with control ViscoDos-B
- operating manual

necessary and optional components

- dispenser with drive for dosing
- dosing control
- hose line
- set degassing plates (reduces deaeration losses when changing containers)
- deaeration plate set

examples of use

