

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 medium offers the following advantages:

- Container sizes from approx. 5 l to 50 l
- Viscosities from approx. 20,000 to 2,000,000 mPas
- Very low shear stress of medium
- Very low pressure load on medium (max. 18 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
- Electronic signal for "empty" and "almost empty"

Application

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

Technical data

Electrical data (power supply)	230 V, 10 A, 50 Hz, 0,37 kW
Pneumatic connection	min. 5 bar, max. 8 bar
Maximum emptying rate	450 ml/min
Container diameter	285 mm (other diameters possible)
Hose connection	¾"
Base	triangular, 790 x 905 mm, mobile



Fabricant

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Item number

ViscoMT-XS 3/18 EPDM

129877

Additional information

Control used:

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)
 - 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 selected to comply with the medium

Scope of delivery:

- ViscoMT-XS with basic control
- Operating manual

Necessary and optional components:

- Dispenser with drive for dosing
- ViscoDosII-04 dosing control
- Hose line
- Set degassing plates (reduces rinsing losses when changing containers)



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