



Barrel Emptying System ViscoMT-XM

Description



Barrel Emptying System ViscoMT-XM with a volumetric conveying pump basing upon the endless piston principle.

- for medium to high viscosity products (up to 7,000,000 mPas!)
- suited for abrasive, shear sensitive, solid loaded and lumpy media
- neatly wiping of the inner barrel wall by the special lip seal of the follower plate
- applicable at cylindrical, ribbed or slightly conical barrels, plastic drums or bins with inliner
- no pressing of the product at the sides due to a nearly pressureless guiding of the follower plate
- emptying speed electronically adjustable
- simple handling
- pulsation free conveying/emptying
- residue in the barrel: < 1%

Application

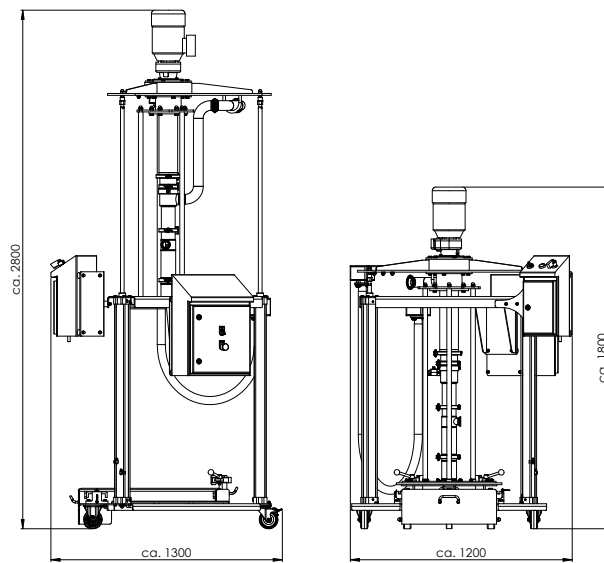
- removal of products directly out of the transport or storage container, for example: tomato paste, honey, fats, glacé icing, mascara, lip gloss, cremes, vaseline®, oinments, gels and a lot more
- pressure regulated or level controlled feeding of the products to filling machines or mixing processes
- direct dosing out of the bin (using a dosing control)

Technical data

drum sizes	50 to 200 litres
drum heights	up to 1000 mm
flow rates	up to 90 l/min
pump types	2RD30 or 2RD50
product touching stainless steel parts	1.4404 (AISI 316 L)/1.4571 (AISI 316 Ti)
elastomers	HNBR, FDA approved
compact design	completely retractable when not in use
	mobile (equipped with wheels)
	frame, base plate and ramp made of 1.4301 (AISI 304)
control	basic control (main switch, automatic / 0 / manual, speed control)
	limit switching of the pump by reed contact („barrel empty“)
	second reed contact for notification „barrel nearly empty“
	security pressure sensor at pump discharge port
including	3 m food hose, open end
air pressure	6 bar required
dimensions	s. example drawing on p. 2



Dimensional drawing



All data in mm

Item numbers

ViscoMT-XM, 2RD30, HNBR	152582
ViscoMT-XM, 2RD50, HNBR	152583

Optional design and components

- two-point-pressure-control by a second pressure sensor at the end of the hose
- extractable barrel loading ramp with integrated barrel centering
- frame, base plate and ramp made of mild steel powder coated
- dosing control ViscoDos 3
- special design in „hygienic design“ available (frame parts e-polished, easy to clean)
- signal lamp red-yellow-green for displaying the current operating status, also available with buzzer
- pump actuation by AC-servo drive
- alternative stator elastomers in FDA quality available (FKM, EPDM)

Examples

