



PRODUCT DATA SHEET



ViscoTec barrel emptying system ViscoMT Hygienic Design

- Barrel emptying system ViscoMT with a volumetric conveying pump based on the endless piston principle
- Volumetric and precise material supply to dosing systems
- For medium to high viscosity materials
- For structure sensitive, filled, abrasive materials
- Application for cylindrical, ribbed or slightly conical and plastic containers
- Pulsation-free conveying / emptying
- Very low shear and pressure stress on the material
- Long lifetime due to material specific components and high performance materials
- Pressure-controlled or level-controlled product supply to filling machines or mixing processes
- Easy cleaning and maintenance due to quick assembly and disassembly options
- Very good out of emptying results, minimum residual amount < 1 %
- Electronical signal for „empty“ and „almost empty“





Technical data	ViscoMT-XS	ViscoMT-XM	ViscoMT-XL
Max. flow rates (l/min) ⁽¹⁾	1	30	50
Max. rotation speed (rev/min) ⁽¹⁾	60	60	60
Container sizes (l)	10 - 50	50 - 200	200 - 1,500
Container diameter (mm)	280 - 420	285 - 572	700
Container heights (mm)	Up to 550	Up to 900	Up to 1,000
Feeding pump	2RD15	2RD30 2RD50 2VFL30 2VFL50	2RD60
Product touching stainless steel parts	1.4404 / 1.4571	1.4404 / 1.4571	1.4404 / 1.4571
Standard design	Stainless steel 1.4301 Optional steel-painted	Stainless steel 1.4301 Optional steel-painted	Stainless steel 1.4301 Optional steel-painted
Elastomers (stator material)	HNBR, FKM, EPDM, FDA approved	HNBR, FKM, EPDM, FDA approved	HNBR, FKM, EPDM, FDA approved
Operating temperature (°C)	10 - 40	10 - 40	10 - 40
Material temperature (°C) ⁽¹⁾	10 - 40	10 - 40	10 - 40
Hose connection	DIN 32676, DN 25	DIN 32676, DN 50	DIN 32676, DN 80
Dimensions (mm) (W x D x H)	Triangular, 910 x 940, max. 1,900 (height), mobile	Triangular, 1,320 x 1,200, max. 3,190 (height), mobile	1,500 x 1,400 x 3,260
Compressed air connection (bar)	Min. 5, max. 8	Min. 5, max. 8	Min. 5, max. 8
Electronic connection data	230 V, 10 A, 50 Hz, 1.75 kW	230 V, 14 A, 50 Hz, 3.1 kW	380 V, 10 A, 50 Hz, 5.8 kW
Weight (kg)	~ 120	~ 300	~ 750

(1) Depends on material.

(2) Depends on viscosity and primary pressure.

(3) Volumetric dosing as absolute deviation in relation to one dispenser revolution. Depends on the viscosity of the material.

(4) Higher speed causes increased wear.