

## **VRP 1000L pneumatic Barrel Pump**

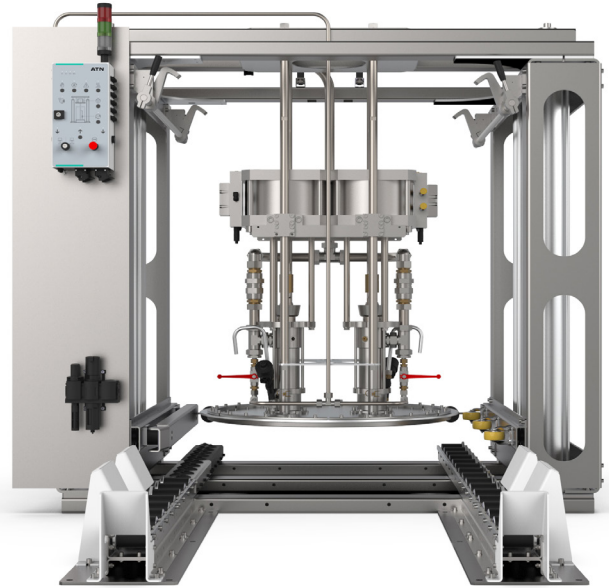
**VRP Fasspumpe 1000 L (pneumatisch)**

## Functional description

The VRP barrel pump is used to convey material out of 1000 litre-barrels to the place of use. The follower plate, which comes with a flexible sealing lip, is pressed onto the material in the drum so that the bottom pumps can reach it and pump it out of the drum. The material is conveyed by two underpumps via an up and down stroke. The control box of the box is attached to the housing of the VRP to control the pump. It is possible to heat the entire system or separate zones for a gentle transport of the material.

## Product characteristics

- ✓ Use in Sealing, Insulating and Waterproofing
- ✓ Conveying of adhesives, sealing materials and filling materials out of 1000 liter containers
- ✓ Conveying of low to high viscosity materials, abrasive and aggressive materials
- ✓ Heated version available
- ✓ Flexibly mountable roller conveyor for simplified change of the containers
- ✓ Expandable to a double-VRP-system with own control unit
- ✓ Material-carrying components available in stainless steel



## General technical data

Dimensions (WxDxH)	2956 mm x 2835 mm x 3542 mm (extended)
Mass (without container)	1645 kg
Diameter follower plate	980 mm - 1100 mm
Operating Voltage	230/400 V, 3 x AC, 24 V DC
Voltage level	400 V
Max. backup fuse	20 A
Range of temperatur	20° C (cold) - 100° C (heating of single components)
Air supply	5 - 8 bar, filtered, dried, oiled
Air connection (pneum.)	1", 25,4 mm (Hose)
Noise emission	< 78 db
Ratio underpump/air motor	30:1
Max. pump pressure	180 bar
Max. Pressure	28 kN
Max. operating pressure	120 bar
Max. material pressure	120 bar
Max. delivery volume	18 l/min at 30 double strokes /min (double pump unit)
Air motor / Underpump	LM 320 / UP 600
Housing material	Steel
Material connection	G 1.1/2", M52x2 (Hose)

## Applicable materials

PVC and other sealants

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SMP-Adhesives

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Silicones

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Epoxy resins

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Butyl rubbers

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PU-Adhesives

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Acrylates

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## Options and functional extensions

Depressurisation

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Material circulation under the follower plate

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Extension to a double barrel system with control unit

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Underpump available in stainless steel

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