

## ZRP 200L hydraulic Barrel pump

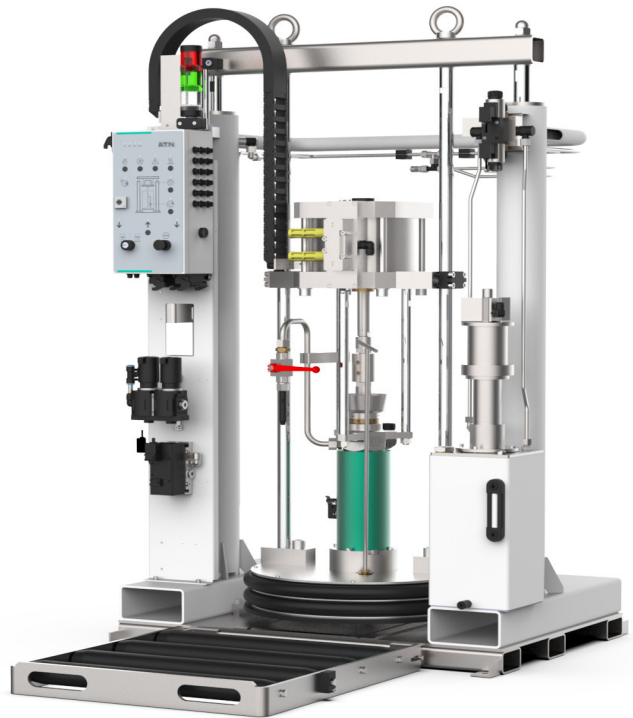
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Fasspumpe

## Functional description

The ATN barrel pump is used to convey material out of barrels and hobbicks to the place of use. A scoop piston underpump conveys the material with an up and down stroke. A follower plate is pressed onto the material in the barrel so that the scoop piston underpump can reach it and convey it out of the barrel. It is possible to heat separate zones or the whole system for a more material friendly transport.

## Product characteristics

- ✓ Conveying of adhesives, Sealing materials, filling materials out of 200l containers
- ✓ Conveying of low to high viscosity materials, abrasive and aggressive materials
- ✓ Assembly of different single components as a standard configuration or customer specific version
- ✓ Available as a heated or unheated version
- ✓ Usable as a Stand Alone Version (Supply cabinet included in scope of delivery)
- ✓ Different sizes and configurations possible



## General technical data

Dimensions (WxDxH)	1025 mm x 800 mm (Roller conveyor folded out 1480 mm) x 1800 mm (extended 2700 mm)	
Dimensions	unheated:	507 mm x 380 mm x 734 mm
supply cabinet (WxDxH)	heated:	460 mm x 385 mm x 935 mm
Mass (without container)	510 kg	
Diameter		
follower plate	571 mm	
Two-hand operation	Yes	
Operating voltage	3x400 V AC; 24DC	
Voltage level	400 V	
Max. backup fuse	20 A	
Max. temperature	100 °C	
Air supply	5 – 8 bar	
Noise emission	< 78 dB	
Material connection	G 1.1/4"	
Air connection (pneumatic)	Hose diameter 12 mm	
Housing material	SS	
Max. pump pressure	360 bar	
RAM pressure	33-98 kN	

## Hydraulic oil

Oil name	HLP 46
Oil volume (total)	32 Liter
Oil volume (reservoir tank)	16 Liter

## Delivery volume scoop piston underpump

### At 30 double strokes/min

• SUP 80	2,4 l/min / 80 cm <sup>3</sup> per double stroke
• SUP 150	4,5 l/min / 150 cm <sup>3</sup> per double stroke
• SUP 260	7,8 l/min / 260 cm <sup>3</sup> per double stroke
• SUP 600	18 l/min / 600 cm <sup>3</sup> per double stroke

## Ratio of scoop piston underpump / air motors

Medium pump	Delivery volume per double stroke	Air motor			
		LMR 125	LMR 160	LMR 250	LMR 320
SUP 80	80 cm <sup>3</sup>	35:1	57:1	-	-
SUP 150	150 cm <sup>3</sup>	17:1	28:1	68:1	-
SUP 260	260 cm <sup>3</sup>	11:1	18:1	44:1	72:1
SUP 600	600 cm <sup>3</sup>	-	-	19:1	30:1

The use and combination of pump and air motor depends on the material to be pumped and is done individually.

## Applicable materials

PVC and other sealants
SMP-Adhesives
Silicones
Epoxy resins
Butyl rubbers
PU-Adhesives
Acrylates

## Options and functional extensions

Residual quantity-optimized follower plate
Extension to a double barrel pump
Dosing controls
Signal tower „Active“, „Ready“, „Empty“
Operating extension to IFC 10
Stand Alone version with supply cabinet
Scoop piston underpump in stainless steel available
Encapsulation possible for temperatures > 100 °C