



High Viscosity Pumps (HVP)

– One Component System



HVP100	HVP200	HVP400
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The Scanrex HVP series of pumps are excellent for transfer pumping, medium to high viscosity material direct from the delivery container such as adhesives, sealants and greases. The HVP pump is an air driven double-acting piston pump for the pumping, dosing and application of high viscosity material direct from 20 litre delivery containers.

The HVP series is a versatile machine that can easily be adapted for many different dispensing situations from small single shots from 310 ml cartridge up to several litres/minute from 200 litre barrels. All pumps can be adapted to feed an automatic dispensing unit e.g robot, or XYZ tables. The machine is used for pumping different kinds of adhesives, sealants and greases.

Different models of Scanrex HVP pumps for One Component materials



HVP100

for dispensing small volumes directly from 310 ml cartridges. The innovative inverted design makes cartridge replacement very easy.



HVP100

for dispensing small volumes directly from 310 ml cartridges. Shown here with manual dispensing gun. Available for different types of cartridges.



HVP100

for dispensing small volumes directly from 5 kg containers. Shown here with dispensing valve for fixed machine mounting



HVP100

for dispensing small volumes directly from 20 kg containers.



HVP100

for dispensing small volumes directly from 10 kg containers. Suitable for materials with higher viscosity.



HVP200

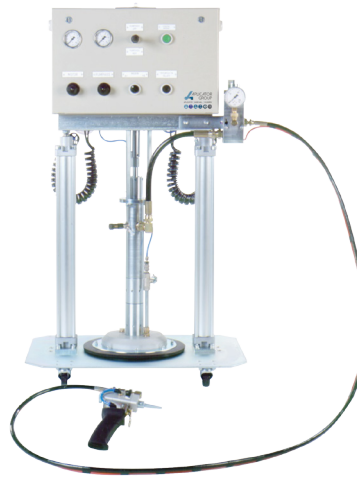
for dispensing directly from 20 kg containers. Suitable for materials with higher viscosity.

Different models of Scanrex HVP pumps for One Component materials



HVP200M

HVP200 with a mobile frame trolley.



HVP200

Fitted with material pressure regulator and dispensing gun, fully pneumatic.



HVP200

Side by side mounted with electrical alarm contact for high or low material pressure. Suitable for filling a 2K dosing equipment.



HVP200

Back to back mounted with pump auto change unit for seamless production. Enables zero downtime for empty container changeover during production.



HVP400

Basic configuration for material transfer from 200 kg barrel.



HVP400

With non-return valve at material outlet and material depressurization system.

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STANDARD EQUIPMENT ON HVP 100, 200 AND 400

- Pump ram with control
- Two-hand safety control
- Air bleed valve for the pump body
- Air hose connection
- Material hose connection
- Shaft sealing PTFE
- O-rings VITON
- Follower plate seal NEOPRENE
- Pump shaft Hard chromed steel
- Valve seat/cone of Hardened tool steel
- Follower plate for different material packages: see graph

ACCESSORIES SCANREX HVP RANGE OF PUMPS

- Dispensing gun
- Material pressure regulator
- Material valves
- Material dosers
- Outlet block with manometer
- High pressure material hose PA or PTFE.

Pneumatic control unit for the material valve:

- Foot pedal-pistol handle-solenoid valve
- Pressure transducer on pneumatic and material system
- Alarm for empty material container programmable PLC unit

All data and characteristics mentioned in this booklet are by way of example only. Given flow capacities and material pressure are depending of; inlet air pressure, material viscosity, the hose dimensions and other equipment fitted after the pump outlet. Aplicator Group reserves the right to modify the products without prior notice.

TECHNICAL DATA

Capacity: Depending on pressure, material viscosity, hose length and hose diameter

Measurements: (W/L/H) / Weight, Floor space, width x length mm:

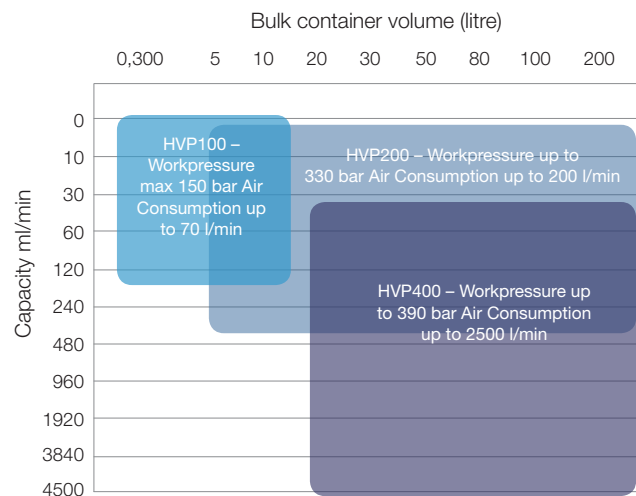
HVP-100:	20 kg	350x280x1300	Container height: 320
HVP-200:	60 kg	640x450x1120/1610	Container height: 450
HVP-400:	300 kg	1100x1250x3000 (max)	Container height: 1000

Material container std: see graph below

Noise level: <70 dB (A)

CONFIGURATION OPTIONS OF HVP 100, 200 AND 400

- Pump body of stainless and acid proof steel.
- Valve seat/cone of hard metal.
- Different materials used for the pressure plate sleeve depending on substance.



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