

Equipment

Designation	Volume (L)	Pressure ratio	Volume per cycle (cc)	Heating	Part number
Double pump station	20/30	50:1	200	unheated	PD280A0
Single pump station	20/30	50:1	200	unheated	PE280A0
Double pump station	50	50:1	200	unheated	PD355A0
Single pump station	50	50:1	200	unheated	PE355A0
Double pump station	200	50:1	200	unheated	PD555G0
Single pump station	200	50:1	200	unheated	PE555G0
Double pump station	20/30	50:1	200	heated	PD280B0
Single pump station	20/30	50:1	200	heated	PE280B0
Double pump station	50	50:1	200	heated	PD355B0
Single pump station	50	50:1	200	heated	PE355B0
Double pump station	200	50:1	200	heated	PD555H0
Single pump station	200	50:1	200	heated	PE555H0

Accessories

Designation	Compatibility	Part number
Barrel conveyer	For 200L pump station only	235060




Pump station

Material supply

High Viscosity / Machines & Controllers



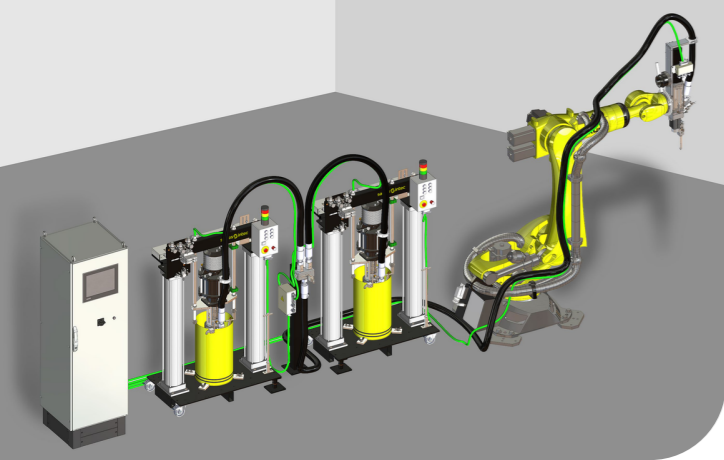
ROBUST AND DURABLE FEEDING

-  Long lifetime
-  Easy maintenance
-  High standardization

Markets



BOND • PROTECT • BEAUTIFY



Pump station

Material supply

Sames Intec pump stations are known for their proven and durable design. The system for conveying high viscosity materials can operate cold or fully heated, with a single or a double barrel system (20/30/50/200 liter).

A pump station constitutes the first elementary component in a complete gluing system. Indispensable for maintaining the drums in the right position, it allows an efficient and easy feeding of the material up to the dosing unit.

Sames Intec pump stations are proven for many years and optimized again and again. These are available for drum sizes from 20-200 liters. The systems are available as single or double drum pump stands which are suitable for materials such as epoxy, polyurethane, silicone or rubber based material. Due to their simple design and high level of standardization, they are easy to maintain and have a long service life. The special design of the follower plates guarantees almost complete emptying of the adhesive barrel. Whilst considering a high accuracy in transporting sealants and adhesives, Sames Intec pump stations limit possible dead zones so that material waste can be reduced to a minimum. Optionally, a barcode scanner can be used to check whether the correct adhesive is being used each time the barrel is changed. Furthermore, it allows to verify the shelf-life of the glue.



Technical data table

Designation	Value	Unit: metric (US)
Maximum Fluid Output	200	cc/min (oz/min)
Pressure ratio	50/1	X/1
Pump displacement	200	cc/cycle
Fluid output at 10 cycles/min	2	l/mn
Min. inlet compressed air	4,5	bar/psi
Max: inlet compressed air	6	bar/psi
Available drum sizes	20, 50, 200	L/gal
Optional heated and unheated version	◆	
Pneumatic shovel pump	◆	



Technologies



Swirl



LASD



Bead



Potting



Droplets

Performance

- ◆ Powerful operation: transmission ratio 50:1 (up to 300 bar possible)
- ◆ High flow rate for various applications: volume up to 200 cm³ material per cycle
- ◆ Optimised following plate: limited dead zones for nearly complete emptying

Productivity

- ◆ Customizable seal pack: adaptation to the material chemical compatibility and abrasivity
- ◆ Compatible with many different materials: 1K/2K epoxy, 1K/2K polyurethan, 1K rubber, 1K/2K silicone
- ◆ Optional roller train or barrel change lift for easy barrel change
- ◆ Modular design: 200L pump station integrate 50L and 20L barrel by changing the follower plate

Sustainability

- ◆ Maintenance is simple: Easy access to every component
- ◆ Same sealing kits for all types of pumps in BiW
- ◆ Long lifetime: due to robust components
- ◆ Saves energy: minimized cold bridges on heated pump station
- ◆ Minimizes remaining material: Innovative end of barrel detection system that



Description

