

Equipment

Designation	Part number
Single pump station	PE555H0
Double pump station	PD555H0
Single pump station	PE355B0
Double pump station	PD355B0
Single pump station	PE280B0
Double pump station	PD280B0
Single pump station	PE555G0
Double pump station	PD555G0
Single pump station	PE355A0
Double pump station	PD355A0
Single pump station	PE280A0
Double pump station	PD280A0



Pump Station

Material supply

Robust and durable feeding

Product highlights

- Long lifetime
- Easy maintenance
- High standardization



Additional information

- User manual
- Spare parts
- Accessories
- Documents
- Videos



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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).

Adapted industrial markets



Automotive

Technical data table

Designation	Value	Unit
Min. inlet compressed air	4,50	bar (psi)
Pump displacement	200	cc/cycle (in^3/cycle)
Pressure ratio	50/1	
Number of Products (base-catalyst-solvent)	base-catalyst-solvent	
Available drum sizes	20, 50, 200	L (gal)
Pump Type	4 balls pump Diaphragm high pressure	

Marking

Product	Type
Pump Station	CE 0080

Technologies



Description

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.

Performances

- Powerful operation: Transmission ratio 50:1 (up to 300 bars possible)
- High flow rate for various applications: Volume up to 200 cm³ material per cycle
- Optimized following plate: Limited dead zones for nearly complete emptying

Productivity

- Customizable seal pack: Adaptation to the material chemical compatibility and abrasiveness
- 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