

DESOI PowerInject P1

No. 15747

Description

The small, compact, powerful reciprocating pump DESOI PowerInject P1 is made for machine usable injection resin. As the pump is equipped with a pressure gauge unit with membrane and oil filling, the manometer cannot get stuck as there is no direct contact with the injection resin.

Material to be used

- Epoxy resin
- Polyurethane

Delivery range

drive, pressure control with return and pressure gauge unit with manometer 0 – 250 bar, 2 litre material container transparent, incl. instruction manual, No. 16802: HP material hose - steel (Ø 6 mm, 3 m long, union nuts M12x1.5, solvent resistant), No. 16733: HP injection gun (external thread M12x1.5, whip 0.3 m, 0 – 250 bar, mouth piece)

Advantages

- Seals can be retightened manually - long life
- Exact adjustment of pressure
- Easy operation and cleaning



1. Pressure gauge unit with manometer and pressure regulating valve

Technical data

Supply	230 V
Motor power	0.8 kW
Working pressure – infinitely variable	10 – 200 bar
Delivery rate	max. 0.4 l/min
Weight	8.3 kg
L x W x H	36 x 19 x 53 cm

Accessories

	No.
Spare and wear part set DESOI PowerInject P1	15735-EVS
Set of tools DESOI PowerInject P1	15735-WS

DESOI AirPower S25

No. 17600

Description

The pneumatic reciprocating pump DESOI AirPower S25 combines high capacity with compact design. Due to the directly mounted seals on the piston, retensioning is not necessary. The result is a very maintenance-friendly machine including suitable accessories.

Material to be used

- Epoxy resin
- Polyurethane
- Quick-foaming polyurethane
- Aqueous solution

Delivery range

frame, 6 l material container transparent with scale and cover, incl. instruction manual,
No. 16803: HP material hose - steel (Ø 6 mm, 5 m long, union nuts M12x1.5, solvent resistant),
No. 16733: HP injection gun (external thread M12x1.5, whip 0.3 m, 0 – 250 bar, mouth piece)

Advantages

- Big material passages - highly viscous material can be used
- A tensioning of the piston sealings is not necessary
- Easy maintenance and repair



1. Pressure regulator with manometer

2. Oil lubrication

Technical data

Working pressure – infinitely variable	7 – 220 bar
Delivery rate	5.1 l/min
Air consumption	1 m³/min
Air pressure	max. 8 bar
Transmission ratio	1 : 28

Air consumption and delivery rate at 100 bar back pressure (injection pressure)

Air consumption	Delivery rate
90 l/min	0.5 l/min
183 l/min	1 l/min
308 l/min	2 l/min
433 l/min	3 l/min

Weight	13.7 kg
L x W x H	45 x 50 x 67 cm

Accessories

	No.
Spare and wear part set DESOI AirPower S25	17600-EVS
Set of tools DESOI AirPower S25	17600-WS

DESOI PowerInject 303

No. 15743

Description

The compact, robust and powerful membrane pump DESOI PowerInject 303 is designed for the professional service on site. The special feature of the membrane pump is the large surface of the membrane and the large dimensions of the suction valve that makes the suction of highly viscous material easier. The pump is equipped with a return hose with ball valve which relieves the pressure in the pump and the material hose.

Material to be used

- Epoxy resin
- Polyurethane
- Quick-foaming polyurethane
- Aqueous solution

Delivery range

manometer 0 – 250 bar, 6 litre material container transparent with scale and cover, incl. instruction manual,

No. 16803: HP material hose - steel (Ø 6 mm, 5 m long, union nuts M12x1.5, solvent resistant)

No. 16733: HP injection gun (external thread M12x1.5, whip 0.3 m, 0 – 250 bar, mouth piece)

Advantages

- Big membrane area - low wearing
- Exact adjustment of pressure
- Big material passages - high delivery
- Valve technique - also suitable for highly viscous material
- Can also be used for spraying



1. Return hose with ball valve

2. Pressure regulating valve

Technical data

Supply	230V/50 Hz
Motor power	0.37 kW
Working pressure - infinitely variable	5 – 200 bar
Delivery rate	max. 1.9 l/min
Weight	22 kg
L x W x H	58 x 28 x 75 cm

Accessories

	No.
Spare and wear part set DESOI PowerInject 303/VA/GO/110 V	15737-EVS
Set of tools DESOI PowerInject 303/VA/GO/110 V	15737-WS

DESOI PowerInject 303 GO

No. 15746

Description

The compact, robust and powerful membrane pump DESOI PowerInject 303 GO is designed for the professional service on site. The special feature of the membrane pump is the large surface of the membrane and the large dimensions of the suction valve that makes the suction of highly viscous material easier. The pump is equipped with a return hose with ball valve which relieves the pressure in the pump and the material hose.

Material to be used

- Epoxy resin
- Polyurethane
- Quick-foaming polyurethane
- Aqueous solution

Delivery range

moving device, manometer 0 – 250 bar, 6 litre material container transparent with scale and cover,
No. 16803: HP material hose - steel (Ø 6 mm, 5 m long, union nuts M12x1.5, solvent resistant)
No. 16733: HP injection gun (external thread M12x1.5, whip 0.3 m, 0 – 250 bar, mouth piece), incl. instruction manual

Advantages

- Big membrane area - low wearing
- Exact adjustment of pressure
- Big material passages - high delivery
- Valve technique - also suitable for highly viscous material
- Can also be used for spraying



1. Return hose with ball valve

2. Pressure regulating valve

Technical data

Supply	230V/50 Hz
Motor power	0.37 kW
Working pressure - infinitely variable	5 – 200 bar
Delivery rate	max. 1.9 l/min
Weight	23 kg
L x W x H	75 x 40 x 50 cm

Accessories

	No.
Spare and wear part set DESOI PowerInject 303/VA/GO/110 V	15737-EVS
Set of tools DESOI PowerInject 303/VA/GO/110 V	15737-WS

DESOI AirPower L50

No. 16170

Description

The pneumatic reciprocating pump DESOI AirPower L50 achieves a delivery of max. 21 l/min. Due to the big valves and also pistons highly viscous material can be used without any problems. The pump is very easy to maintain and low wearing.

Material to be used

- Epoxy resin
- Polyurethane
- Quick-foaming polyurethane
- Aqueous solution

Delivery range

moving device, suction system with IBC container, anti-freeze device, connection material hose G ½", regulation of the delivery rate speed, incl. instruction manual

Advantages

- High flow rate
- Big material passages - highly viscous material can be used
- Easy operation and cleaning



1. Pressure regulator with manometer and anti-freeze device

2. Reverse device with ball valve

Technical data

Working pressure – infinitely variable	5 – 230 bar
Delivery rate – infinitely variable	max. 21 l/min
Air consumption	1 m³/min
Transmission ratio	1 : 28
Air pressure	max. 8 bar
Weight	68 kg
L x W x H	63 x 60 x 103 cm

Accessories

	No.
Spare and wear part set DESOI AirPower L50	16170-EVS
Set of tools DESOI AirPower L50	16170-WS