

INJECTION TECHNIQUE

PNEUMATIC GEAR PUMP PGP 30/40 LC



APPLICATION

The mts PERFORATOR PGP 30/40 LC is a powerful gear pump for the injection of 2- component injection Materials, mainly used in the mining and civil engineering industry. It is meant for the use with common 2- component Polyurethane injection Materials with a mix ratio of 1:1. Due to the high flowrate generated by this pump it is predestined for all jobs where you have to pump much material in a short period of time.

The pressure injection pump PGP 30/40 LC is an pneumatic driven 2- component gear pump, suitable for the work under mining and civil engineering conditions. It consists of a powerful 8kW pneumatic drive and two mining approved high capacity gear pumps.

With its high constant flowrate of 40 l/min at a pressure up to 40 bar, it is the perfect pump for all injections works where you must be able to pump a lot material in a short time frame. Of course this pump can be uses with all common Polyurethane injection resins.

With additional gear pumps, that can be purchased optional, it is also possible to use this pump with injection resins which need a mixing ratio of 2:1 or 4:1. Because of its low price this pump is not equipped with overflow valves or a pressure switch at the pressure outlet.

TECHNICAL DATA		Part. No. 9600.0162	
Air drive pressure	1-5 bar / 14,5-72psi	Connections	
Max. operating pressure at 5 bar inlet pressure	120 bar / 1740 psi	Air connection	RD 38 x 1/8
Max. pneumatic drive power	8 kW at 1000 rpm	Suction Connection	RD 38 x 1/8"
Chamber volume of each gear pump	22 cm ³ / 1,3 inch ³	Pressure outlet	Steck-O DN 10
Max. operating temperature	60°C	Weight	ca.125 kg
Liquids	Polyurethan, Silicate resin		
Max. flow rate	ca. 40 l/min at max. 40 bar / 580 psi		
Dimensions	Height 500 mm	Width 500 mm	Length 1200 mm

Within the specified technical features and performance data, engineering and design of our products are subject to change. To all products and services our general terms and conditions, incl. Product liability, apply exclusively. (Perforator, Technical Data Sheet PGP 30/40, Rev. 10/2018)

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