MC-Fastpack Power-Tool

Pneumatic dispenser for double-chamber cartridges

Product Properties

- Hand-held pneumatic dispenser for double-chamber cartridges
- Easy handling; easy control of pressure and discharged volume
- Minimal air delivery rate required
- Safe low pressure injection; practically no contact with the resin thanks to self contained system
- Nearly maintenance-free; no solvents required for cleaning

Areas of Application

- Fast and cost effective solution for small scale injection of cracks and voids
- Injection with double-chamber cartridges with a mixing ratio 1:1, 2:1 and 4:1(MC-Fastpack products)
- Application of 2-component adhesives (e.g. MC-Fastpack EP solid)
- Dosing, mixing and injection of reactive resins with constantly low viscosity
- Injection and gluing jobs in confined areas and places difficult to access
- Sealing of infiltrations in sewage systems (cracks, voids, shaft ring joints)

Application

System Description
The MC-Fastpack Power-Tool is a cartridge dispenser for 2-component reaction resins with a volumetric mixing ratio of 1 : 1, 2 : 1 and 4 : 1.

Putting into Service
The MC-Fastpack Power-Tool must be operated with water- and oil-free pressurised air of not more than 8 bar. Maximum operation pressure must be controlled and observed. A minimal sized DIY compressor is sufficient. When the trigger is pulled, dispensing starts. Control delivery rate by the built-in pressure regulator. To stop injection, release the trigger and press the red release button until plungers reach initial position.

Operation
Remove the plug from the cartridge by unscrewing the retaining nut from the cartridge nozzle. Fix the static mixer using the screw nut. Always hold the cartridge upward in order to avoid material leakages.

Insert the cartridge into cartridge bed of the MC-Fastpack Power-Tool and push it down until locked into position. Connect air pressure.

Prior to application extrude a small amount of material to avoid mixing errors due to entrapped air in the mixer.

After injection, push cartridge out of locked position by pressing release button on the bottom of the cartridge bed, then remove cartridge.

The manual must be kept at hand on site. During operation never point the mixer tip at any. Always wear suitable personal protection equipment including protective clothing, protective gloves and eye / face protection. For further safety information refer to the resins' material safety datasheets.

During idle time and for cleaning, always disconnect the MC-Fastpack Power-Tool from the air supply, to avoid potential injuries, which could occur through unintentional triggering of the device.

Modification or removal of the air pressure regulator is not permitted.

Inspections and repair
Advice on inspection and replacement of wear parts are given in the operation instruction manual.

Safety Advice
Before putting into service, attentively read the MC-Fastpack Power-Tool operation instruction manual.

MC-Bauchemie • Am Kruppwald 1-8 • 46238 Bottrop • Tel. +49 (0) 2041-101 10 • Fax: +49 (0) 2041-101 188
info@mc-bauchemie.de • www.mc-bauchemie.de

Technical Data for MC-Fastpack Power-Tool

Characteristic	Unit	Value	Comments
Mixing ratio	Parts by volume	1 : 1; 2 : 1 and 4 : 1	Cartridge
Required air input delivery rate	l/min	approx. 3	
Max. entry pressure	bar (psi)	8 (120)	
Max. operating pressure	bar (psi)	6 (87)	
Continuous sound pressure	dB	< 70	
Weight	kg	2,2	
Max. cartridge content	ml	400	
Injection pressure	bar	< 25	The injection pressure arriving at the cartridge tip depends on the resin and its temperature.

Edition 01/15. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.

MC-Bauchemie • Am Kruppwald 1-8 • 46238 Bottrop • Tel. +49 (0) 2041-101 10 • Fax: +49 (0) 2041-101 188
info@mc-bauchemie.de • www.mc-bauchemie.de