

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 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 small voids
- Injection with double-chamber cartridges with a mixing ratio of 1:1, 2:1 and 4:1 (MC-Fastpack products)
- Application of two-component adhesives (e.g. MC-Fastpack PU solid, MC-Fastpack EP solid, MC-AnchorSolid E820)
- Dosing, mixing and injection of reactive resins with constantly low viscosity
- Injection and glueing jobs in confined areas and place difficult to access
- Sealing of infiltrations in sewage structures (cracks, voids, shaft ring joints)

APPLICATION ADVICE

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

Putting into service: Connect the dispenser to the pneumatic line and ensure that the connection is tight (no air escapes). The MC-Fastpack Power-Tool may only be operated with a maximum of 10 bar of water and oil-free compressed air. The maximum operating pressure must be monitored and adhered to. A mini compressor is sufficient. As soon as the trigger is pressed, the product discharge begins. The desired flow rate can be set on the pressure regulator wheel. When the discharge is complete, release the trigger and press the red button on the back of the handle until the feed pistons have retracted.

Preparation of the double chamber cartridges: Unscrew the union nut of the cartridge from the cartridge closure and remove the closure plug. Fasten the static mixer to the cartridge end using the union nut. Always hold the cartridge up to avoid loss of resin. Cartridges with different volume ratios (1:1/2:1 or 4:1) always slide the larger volume up into the guides and then push down until they click into place.

Material squeeze: Press the trigger. The discharge process begins and the red discharge volume indicator moves forward. When the trigger is released, the discharge process stops. The flow of the discharge volume can be controlled using the pressure regulating valve.

Before processing, press a small amount of the resin out of the static mixer in order to avoid mixing errors due to air pockets.

Remove the double-chamber cartridge: To remove the cartridge, press the black push button on the underside of the cartridge shell and push the cartridge out of the lock. Then remove the cartridge up-

wards.

Remove and replace the cartridge holder and plunger disks: Disconnect the dispenser from the compressed air supply. Press the sides of the cartridge holder together and remove the cartridge holder from the dispenser from above.

The plunger discs can be removed and replaced using a 4 mm Allen key. The smaller plunger disc is mounted on the lower rod that is closest to the handle.

Insert the new cartridge holder from above until it clicks into place. The cartridge eject button should be closest to the cartridge guide.

Reconnect the compressed air supply.

Safety instructions: Read the operating instructions carefully before using the dispenser. The operating instructions must be kept ready to hand at the place of use. All safety regulations must be observed, the manufacturer is not liable for damage caused by disregarding safety regulations!

The injection jet must never be directed at living beings.

Personal protective equipment consisting of protective goggles or a visor, protective suit and protective gloves must be worn. Please refer to the safety advice and the safety data sheets for the reaction resin to be used for the precise information and hazard warnings. Observe the safety instructions on the label of the cartridge.

Always keep your workplace clean and tidy. Lay the compressed air hoses in such a way that there is no tripping hazard for the operator or third parties.

If the device is not used or cleaned, the compressed air supply must be interrupted, as there is a risk of crushing hands and fingers between the feed piston and the cartridge support flange if it is accidentally activated.

Modifying or removing the pressure regulator is not permitted.

Test cycles and repair: Information on testing and replacing wearing parts can be found in the operating instructions.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Operating pressure (maximum)	bar	6.8	
Mixing ratio	parts by volume		cartridges
cartridges		1 : 1 2 : 1 4 : 1	
Weight	kg	2.5	
Injection pressure	bar	25	injection pressure at the cartridge tip depends on the resin and its temperature
Air inlet pressure	bar	10	
Sound level	dB	approx. 83	
Cartridge contents (maximum)	ml	400	
delivery form		1x MC-Fastpack Power-Tool 1x Interchangeable shell 4 : 1 1x Hammering aid for MC-Hammer Packer LP 12 1x Instruction handbook MC-Fastpack Power-Tool 1x MC-Fastpack manual	
Storage			

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2100004953]