

Injection Pumps

WEBAC 2C Injection Pumps

Range of application

- Curtain injection
- Filling of cavities
- Gel injection within the structure
- Post-construction damp proof course
- Foundation soil injection

Suitable for

- Acrylate gels
- PU/SPU injection resins
- PU casting foam

Requirements

- MR 1 : 1
- Robust design, suitable for construction sites
- Easy to maintain
- Easy to clean
- Adjustable pressure
- Different connection systems optionally available (**WEBAC® IP 2K-F2**)
- Valves/gaskets/suction hoses resistant to WEBAC materials used
- High metering accuracy
- Compressed air-operated
- Pump made of stainless steel (**WEBAC® IP 2K-F1**)
- Continuous material supply
- High flow rate
- Separate flushing pump (**WEBAC® IP 2K-F1**)

► Technical Information

All the data indicated in this technical data sheet and any related information provided by our employees are of an advisory nature representing our current state of knowledge and in no way binding. As the exact chemical, technical and physical conditions of the actual application are beyond WEBAC's control, this information does not preclude examination of the products and/or procedures for the intended application and surface by the user. WEBAC is thus unable to guarantee results. The user is fully responsible for the observation of existing regulations and conditions when using the products. © WEBAC-Chemie GmbH. Version 01/15

Injection Pumps

WEBAC 2C Injection Pumps

High-pressure double-piston pumps

Hand pump (double-piston)

WEBAC® IP 2K-F1



- For injecting acrylate gels
- Flow rate: approx. 14 l/min

WEBAC® IP 2K-F2



- For injecting PU/SPU injection resins and PU casting foam resins at MR 1 : 1
- Flow rate: 25 l/min

WEBAC® HP 50 2K



- For injecting PU casting foam resins at MR 1 : 1
- Flow rate: 48 ml/stroke

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General Information

WEBAC Injection Pumps

- ▶ WEBAC 1C and 2C Pumps with different flow rates offer the ideal injection technology for all applications.



Preparatory work

Structural analysis:

- Application range
- Material used

This results in:

- Selection of the suitable pump
- Install the pump on a horizontal and stable surface
- Check the power connection and provide for the required quantity of compressed air when using air-driven pumps
- Rinse the pump with component A of the injection material (collect in an empty canister) in order to remove residues such as cleaner or oil from the pump and the tube system



Operation

For the operation of the injection pump, please see the manual of the respective pump.



Cleaning

- Clean the injection pump with a cleaner suitable for the respective type of material (**WEBAC® Cleaner A** for SPU/PU/EP resin, water for silicates and injection gels)
- Observe the technical data sheets of the cleaners used
- Refer to the operating manual of the injection pump for more detailed information



Storage

- Always store the injection pump in an upright position
- Fill the cleaned pump system with (water-free) hydraulic oil in case of long standstill periods



Occupational safety

The safety regulations of the industrial trade associations and the WEBAC Material Safety Data Sheets are to be observed at all times when working with this product. Safety data sheets in accordance with Annex II to EU Regulation 1907/2006 must be accessible to all persons responsible for occupational safety, health protection and the handling of materials. For further information, please see the separate information sheet "Occupational Safety".



Waste disposal

In Germany, empty containers can be disposed of via Interseroh Dienstleistungs GmbH observing the respective terms and conditions. It is not possible to dispose of containers at production facilities or delivery warehouses. For more detailed information, please see the separate information sheet "Information on the disposal and return of WEBAC packaging" and the material safety data sheets.

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General Information

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	Sealing of Masonry	Curtain Injection	Stabilization of Structures	Crack Repair	Joint Sealing	Built Heritage Conservation	Foundation Pit Sealing	Sewer Repair	Soil Stabilization
WEBAC® IP 1	✓		✓	✓	✓	✓		✓	
WEBAC® IP 2	✓		✓	✓	✓	✓		✓	✓
WEBAC® IP 3	✓		✓	✓	✓	✓		✓	✓
WEBAC® HP 100	✓		✓	✓		✓			
WEBAC® HP 250	✓		✓	✓		✓			
WEBAC® HEP 1001	✓		✓	✓		✓			
WEBAC® IP 2K-F1	✓	✓			✓	✓	✓	✓	
WEBAC® IP 2K-F2	✓		✓			✓	✓	✓	✓
WEBAC® HP 50 2K	✓		✓		✓	✓			

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