

**WIVA**®

because it works



Inject  
HD 1 / HD 2

2K-Inject  
14025

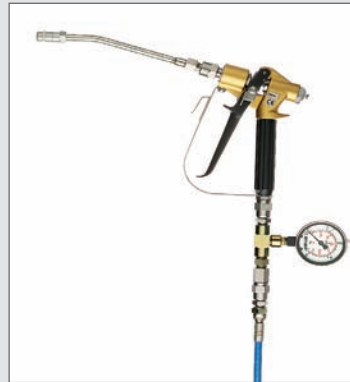
# WIWA INJECT HD 1 / HD 2



The WIWA Inject HD 1 is equipped with a feed funnel for approx. 1.5 liters (3 pints) of resin and an injection lance.



The WIWA Inject HD 2 with 6 liter (1.5 gallon) feed funnel



Injection gun

## WIWA Inject HD 1 & HD 2 Advanced technology

- Compact, portable and powerful pneumatic injection equipment
- The WIWA Inject HD 1 and HD 2 are especially suited for injecting low viscosity epoxy or polyurethane resins
- The WIWA Inject HD 1 and HD 2 are easy to use and transport, making them ideal if working from a scaffold or in a shaft or tunne
- Listening to the motor will signal to the operator how close the injection process is to completion. As soon as the motor stops, the hole is filled
- The injection pressure is freely adjustable
- The advantage of air-driven piston pumps compared to electric-driven diaphragm pumps is the fact that the air motor stops running when each hole is full

### Inject HD 1 Basic Version

The WIWA Inject HD 1 is delivered with a 7.5 m (24.6 ft.) high-pressure injection hose, including an injection lance with coupling. Furthermore, the unit is fitted with a feed funnel for approx. 1.5 liters (3 pints) of injection resin. The complete pump is mounted to a sturdy frame.

### Inject HD 2 Basic Version

The WIWA Inject HD 2 is delivered with a 7.5 m (24.6 ft.) high-pressure injection hose, including an injection lance with coupling. Furthermore, the unit is fitted with a feed funnel for approx. 6 liters (1.5 gallons) of injection resin. The complete pump is mounted to a sturdy frame.

### This means:

less wear and no thermal reaction caused by pumping resin from one container to another, thus avoiding a shorter pot life due to increased resin temperature.

## WIWA 2K-INJECT 14025

The newly developed WIWA 2K-Inject 14025 plural component injection unit for gel not only exhibits WIWA's strength in design, but is also evidence of WIWA's competence in structural preservation and environmental consciousness.

Due to the fact that acrylate gels are not reliant upon the use of organic solvents,

### MATURE MACHINE TECHNOLOGY FOR ENVIRONMENTALLY FRIENDLY ACRYLATE GELS

they are environmentally sound and can be processed easily and accurately using the WIWA 2K-Inject 14025. Typical applications for this pneumatic system are sealing cellar walls against backwater or seepage, providing a horizontal barrier against moisture and/or sealing other large surfaces that come into direct contact with the

ground, such as tunnels, shafts or channels, thus solidifying the surrounding earth. The compact design and easy handling make this new plural component injection unit perfect for sealing areas in hard to reach places. The 1 : 1 mixing ratio is very accurate and can be maintained easily over long periods of operation. A frame mounted flush pump ensures that the system can be cleaned quickly and easily, avoiding hardening of any residue gel within the lines or mixing unit.



#### System advantages:

- Air driven plural component injection unit for processing and for processing sealant gels and resins
- Fixed 1: 1 mixing ratio
- Non-stop, even flow of material
- Precise mixing results
- Easy to operate
- Separate flush pump
- Extremely compact, cart mounted



Mixing unit complete with static mixer and separate flush assembly for the A and B components

#### 2K-Inject 14025 Basic Version

- High-pressure pump
- Flush pump
- Cart frame
- Flush pump suction hose

# INJECT HD 1/ HD2 UND 2K-INJECT 14025



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## WIWA Inject HD 1 - WIWA Inject HD 2

TECHNICAL SPECIFICATIONS	Inject HD 1	Inject HD 2
Pressure ratio	33 : 1	33 : 1
Max. free-flow output	3 l/min	3 l/min
Max. operating pressure	264 bar	264 bar
Max. inbound air pressure	8 bar	8 bar
Output per cycle:	14 ccm je Doppelhub	14 ccm je Doppelhub
Gross weight	8 kg	9 kg
Feed funnel capacity	1,5 l	6 l
Order No.	0644426	0644517

## Injection gun

Injection gun including fluid hose, hydraulic coupling and pressure gauge	Order No. 0631424
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## 2K - Inject 14025

TECHNICAL SPECIFICATIONS	2K-Inject 14025
Pressure ratio	25 : 1
Max. operating pressure	200 bar (2900 psi)
Max. inbound air pressure	8 bar (116 psi)
Output per cycle	86 ccm (2.9 fl.oz)
Order No.	0641976

## Optional accessories

Optional accessories 2K-Inject 14025	Order No.
Mixing unit complete with static mixer and individual flushing arrangement for the A and B components	0642617
Alternative: Mixing unit complete with static mixer and flush arrangement	0641950
Coupling	0641973
Male adapter	0210854
Hydraulic connection	0411302
Male adapter	0218820
Slide coupling	0641197
Male adapter	0218820
Mounting kit for circulation	0641970
Mounting kit for feed funnels	0634529
Mounting kit for suction hose	0641933
Suction hose* NW4, 7.5 m (25 ft.)	0638610

\*WARNING: 3 hoses are required total