



because it works



**INJECTION**

[WWW.WIWA.COM](http://WWW.WIWA.COM)

# WIWA INJECT HD 1 / HD 2 Advanced technology...



## 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.

# WIWA INJECT HD 1 & WIWA INJECT HD 2

- 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

## **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.



## MATURE MACHINE TECHNOLOGY FOR ENVIRONMENTALLY FRIENDLY ACRYLATE GELS



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, 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

### 2K-INJECT 14025 Basic Version

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



## WIWA INJECT HD 1 / HD 2

TECHNICAL SPECIFICATIONS	INJECT HD 1	INJECT HD 2
Pressure ratio	33 : 1	33 : 1
Max. 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	14 ccm
Gross weight	8 kg	9 kg
Feed funnel capacity	1,5 l	6 l
Order No.	0644426	0644517



Injection gun including fluid hose, hydraulic coupling and pressure gauge

Order No. 0631424

# 2K-INJECT 14025 / 25015

TECHNICAL SPECIFICATIONS	2K-INJECT 14025	2K-INJECT 25015
Pressure ratio	25 : 1	15 : 1
Max. operating pressure	200 bar	120 bar
Max. inbound air pressure	8 bar	8 bar
Output per cycle:	80 ccm	144 ccm
Order No.	0641976	-----



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

Optional accessories 2K-INJECT 14025 + 25015	Order No.
Mixing unit complete with static mixer and individual flushing arrangement for the A and B components	0642617
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	0643529
Mounting kit for suction hose	0641933
Suction hose* NW4, 7.5 m (25 ft.)	0638610

\*WARNING: 3 hoses are required total



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## PRODUCT RANGE



**ATEX 94/9/EG**

### Head Office and Production in Germany

WIWA Wilhelm Wagner GmbH & Co. KG

KG35633 Lahnau, Germany  
Phone: +49 (0) 6441 609-0

[www.wiwa.de](http://www.wiwa.de)

### WIWA Partner, USA

WIWA LP

107 N. Main St.  
P.O. Box 398, Alger, OH 45812  
Phone: +1-419-757-0141  
Toll Free: +1-855-757-0141

[www.wiwalp.com](http://www.wiwalp.com)

### WIWA Subsidiary Company, China

WIWA (Taicang) Co., Ltd.

Taicang City  
Jiangsu Province 215400, P.R.China  
Phone: +86-512-53548857

[www.wiwa-china.com](http://www.wiwa-china.com)

### WIWA Middle East General Trading LLC

Jebel Ali Industrial 1  
DUBAI, United Arab Emirates  
Phone: +9714-884-8220

[www.wiwa-middleeast.com](http://www.wiwa-middleeast.com)

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WIWA FLEXIMIX, electronic  
2K painting and coating systems



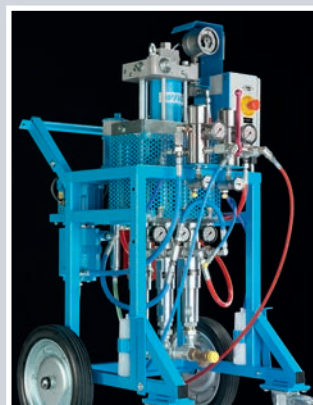
WIWA material feed pumps for almost  
every application field



WIWA DUOMIX  
2K airless paint spraying systems



WIWA airless,  
air combi and hot spray systems



WIWA POWERPACK  
2K XXL hydraulic systems



WIWA PU 460 polyurea systems