

## WIWA INJECT HD 1 / HD 2 / HD 3



Technical data	HD 1	HD 2	HD 3
Output per cycle	14 cm <sup>3</sup>	14 cm <sup>3</sup>	27 cm <sup>3</sup>
Pressure ratio	33:1	33:1	33:1
Max. air inlet pressure	8 bar/116 psi	8 bar/116 psi	8 bar/116 psi
Max. operating pressure	264 bar/ 3829 psi	264 bar/ 3829 psi	264 bar/ 3829 psi
Weight	12 kg	16,3 kg	13 kg
Material feed hopper	1,5 l	6 l	1,5 l
Order No.	0644426	0644517	0669680

### SECURITY FOR YOUR PROFIT

The advantage of air-operated piston pumps compared to electric membrane pumps is that the pump stops when the injection site is filled. The slower stroke speed allows the operator to see how far the injection process has progressed. In addition, pneumatic pumps do not heat up, which could have an influence on the reaction time of the material:

### MATERIALS

- PUR injection foam resins
- PUR combination injection foam resins
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- PUR injection resins
- EP injection resins
- Also suitable for processing 2K injection materials with longer reaction time.

### AREAS OF APPLICATION

- Crack injection
- Subsequent horizontal barrier
- Grouting of injection hoses
- Filling of smaller cavities
- Sewer rehabilitation

### BASIC EQUIPMENT

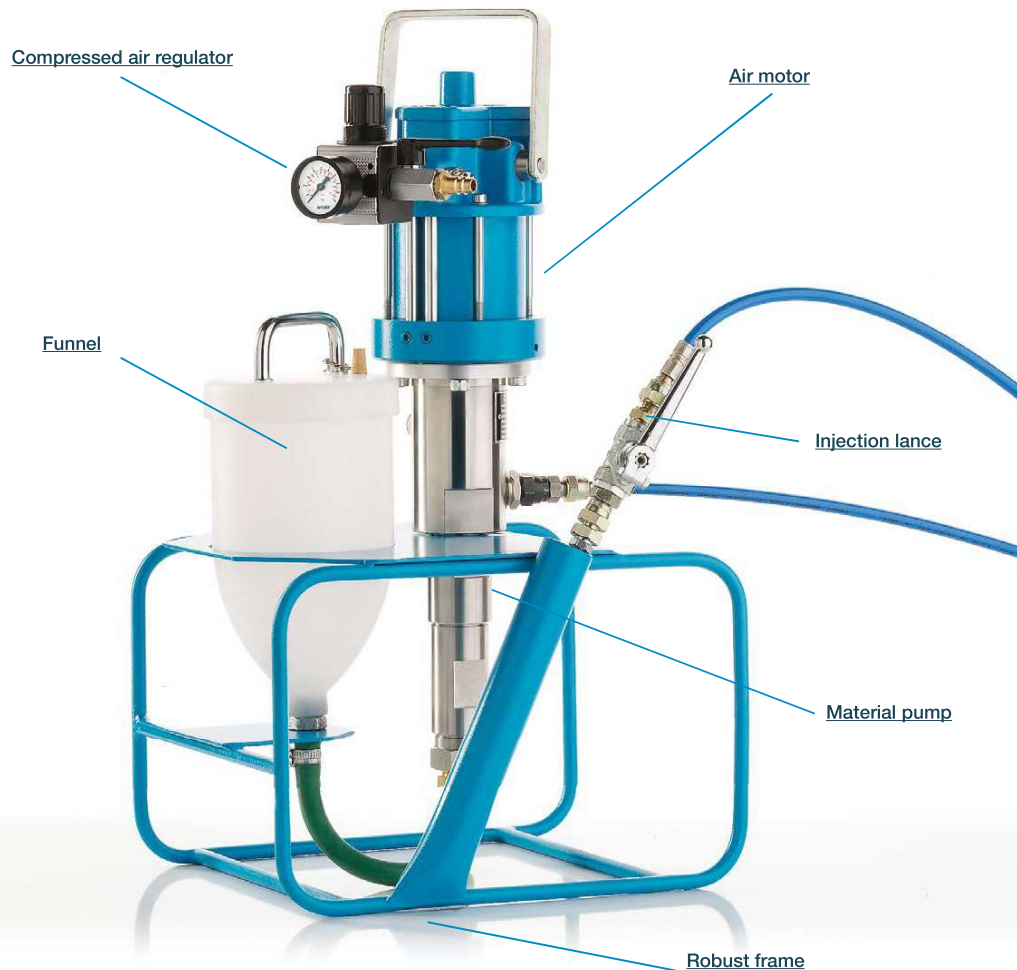
- High pressure pump
- Compressed air regulator
- Safety valve
- Feed hopper, approx. 1.5 liters (HD 1) or feed tank, approx. 6 liters (HD 2)
- High-pressure material hose (7.5 m)
- Injection lance with 4-jaw-injection coupling
- Bottle of release agent
- Operating manual with spare parts list

Easy to operate and transport

The injection pressure is infinitely adjustable

Compact, portable and powerful injection equipment with pneumatic drive

## Accessories for WIWA INJECT HD 1 / HD 2 / HD 3



Accessories	Order No.	Description
Suction line	0643949	Suction hose -N- NW 9
Mounting kit funnel black 1,5 l	0645575	Funnel 1,5 Liter complete
Mounting kit funnel black 6 l	0631064	Funnel 6 Liter complete
Mounting kit funnel transparent 6 l	0668846	Funnel 6 Liter complete with lid and sieve
Hose NW4 1/4" 7,5 m	0410845	Material hose NW 4/460-1/4"-7,5 N
Compressed air regulator	0644180	Compressed air regulator G 1/4" complete
Injection lance complete	0641948	Injection lance complete
Stroke counter	0671687	Stroke counter complete with holder
Gun	0668657	Injection gun complete WIWA 500D with adapter 1/4" NPSM (A)
Whip 0,3 m	0631406	Material hose NW 6/410-1/4"-0,30 N
Mounting kit straight lance	0669411	Mounting kit for injection gun pipe straight 600 mm
Mounting kit bent lance	0669410	Mounting kit for injection gun pipe bent 170 mm
Mounting kit bent lance	0218820	Double nipple NPS 1/4"-M 10x1
Sliding coupling 90°	0669301	Sliding coupling angular 90°, for nipple M1 Aluminium
Sliding coupling straight	0641199	Sliding coupling gerade, for nipple M1 Aluminium
Hydraulic mouthpiece	0411302	Hydraulic mouthpiece M10x1 IG 4 jaws chrome-plated (Replacement seal 0660477)
Quick release pliers	0668559	Quick release pliers R1/4 (A), 4 mm



ATEX version: Can be used in explosion-proof areas.

N = Normal steel galvanized, not stainless      RS = Stainless steel, rust and acid resistant