



KOSTER Acrylic Gel Pump

Stainless steel pneumatic pump for the application of the KOSTER Injection Gel G4 and S4

Features

Stainless steel pneumatic pump for injecting KOSTER G4 and S4 acrylic gels.

- Mixing ratio 1 : 1.
- Delivery rate max 11 l / min.
- Working pressure 15 - 220 bar.

Complete set consists of the stainless steel piston pump with intake system, 2 manometers 0 - 250 bar and integrated rinse pump, 3 component stainless steel mixing head with nonreturn valve, 3 x 10 m HD material hoses for the A and B components and rinsing line, injection whip (30 cm) and KOSTER Slide Coupling.

Technical Data

Dimensions

Width:	approx. 48 cm
Height:	approx. 84 cm
Length:	approx. 55 cm
Weight:	approx. 45 kg
Working pressure:	15 - 220 bar
Min. flow rating for compressor:	450 l/min/15 CFM
Delivery volume per double stroke	approx. 85 ml
Delivery volume	max. 11 l/min
Mixing ratio	1 : 1
(A and B components)	
Transmission ratio	1 : 25

Fields of Application

The KOSTER Acrylic Gel Pump is used for the injection of KOSTER Injection Gel G4 & S4 in curtain injection, area injection, as well as soil stabilization and filling joints and voids.

Application

A compressor of sufficient tank fill capacity is necessary to properly run the KOSTER Acrylic Gel Pump. These compressors generally use high voltage current, (380 V, 16 A) and are not included in the delivery. Depending on the application; the following tank capacities can be considered acceptable:

- Area injection - 10 CFM
- Curtain injection - 12 CFM
- Filling voids - 14 CFM

Trailer compressors can supply several KOSTER Acrylate Gel Pumps simultaneously. Always use the proper pressure connectors. The maximum pressure that may be supplied to the KOSTER Acrylate Gel

Pump is 10 bar. Use proper fuses. Some fuse types may trip more often during current peaks.

A detailed description of the KOSTER Acrylic Gel Pump can be found in the enclosed user's manual. This contains the installation, operating and maintenance instructions. The operating instructions and the safety instructions in the user's manual must be followed exactly.

The KOSTER Acrylate Pump is only for use for the injection of acrylate gels. Any use of any other injection material is not suggested and negates the warranty.

Cleaning

Clean the pump immediately after use with water.

After use, all uptake hoses are put into separate clean water buckets and the pump is rinsed for approximately 30 seconds.

Packaging

IN 930 001 piece

Storage

In winter, the cylinders must be filled with oil if the pump is exposed to frost. This keeps residual rinsing water from freezing and damaging the seals.

The protective caps on the uptake hoses should always be used when the pump is not in use. Contaminating the uptake screens with sand must be avoided.

Safety

Working with high pressure requires extra security measures. Do not change the machine's construction or function. Check all connections before use. Wear safety gloves and goggles when using. It is recommended to have an eye rinsing bottle available. Observe all governmental, state, and local safety regulations when processing the material.

Limited Warranty

KOSTER warrants that its product shall be in accordance with the specifications published in the current revision of the products data sheet. KOSTER covenants that in the event any of its products fail to meet their published specifications, KOSTER shall replace those products proved to be defective. KOSTER shall not be responsible for any incidental or consequential damages due to the breach of its warranties. Notwithstanding the foregoing, KOSTER's sole liability hereunder shall not exceed the cost of the defective product originally purchased. EXCEPT AS SET FORTH ABOVE, KOSTER MAKES NO

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The installer is responsible for the correct application taking into consideration the specific conditions of the construction site and the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which deviate from the specifications contained in any Company literature may not be relied upon in the absence of written confirmation from the Company. The installer must comply with all testing, technical requirement, guidelines, and industry customs at all times. The terms, conditions, and limitations contained in the written warranty for the product controls over the specifications contained herein. This guideline has been technically revised; all previous versions are invalid.



Waterproofing Systems

OTHER WARRANTIES EXPRESS OR IMPLIED AND MAKES NO WARRANTY AS TO THE MERCHANTABILITY OR FITNESS OF THE PRODUCT FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The user must determine if the product is suited for the intended use and the user must bear the risks and liabilities associated with it.

Related products

KOSTER PUR Gel	Art.-Nr. IN 285
KOSTER Injection Gel G4	Art.-Nr. IN 290
KOSTER Injection Gel S4	Art.-Nr. IN 294
KOSTER Drive in aid for Impact Packer 18	Art.-Nr. IN 911 001
KOSTER Superpacker 10 mm x 85 mm CH	Art.-Nr. IN 912 001
KÖSTER Superpacker 13 mm x 85 mm CH	Art.-Nr. IN 914 001
KOSTER Superpacker 13 mm x 115 mm	Art.-Nr. IN 915 001
KOSTER Gel Pump	Art.-Nr. IN 928 001
KOSTER Water Hose for Gel Pump	Art.-Nr. IN 928 002
KOSTER Gel Hose for Gel Pump	Art.-Nr. IN 928 003
KOSTER Manometer for Gel Pump	Art.-Nr. IN 928 004
KOSTER Injection Whip for Gel Pump	Art.-Nr. IN 928 006
KOSTER Acrylic Gel Pump	Art.-Nr. IN 930 001
KOSTER Grip Head	Art.-Nr. IN 953 005

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