

## MINIBOOSTER 5 U



### Properties:

The *MINIBOOSTER 5 U* is a small, light 2-component injection pump, with external scavenge pump, which was developed specially for the processing of acrylate gels.

The flow rate of the material components (A and B components) is implemented through an air motor which drives both material pistons. Through this the result is a forced supply of 1:1. Mixing errors thus cannot occur.

The external scavenge pump for the pumping of water is used for the cleaning of the compression head, the whip and the injection packer. In this way, acrylate gels with very small pot-life can also be processed reliably.

The *MINIBOOSTER 5 U* is suitable for all types of acrylate gel injections. In case of curtain grouting with high consumption levels of acrylate gel (e.g. in tunnel construction), we recommend the employment of the *BOOSTER 10 A* due to the more rugged design type.

### Technical Data:

Engine gear ratio motor	:	approx. 1 : 10
Working pressure	:	0 - 100 bar
Mixing ratio	:	1 : 1
Volume flow per double stroke	:	50 ml
Maximum flow rate	:	7-8 l/min
Dimensions	:	width 50 x depth 25 x height 82 cm
Weight	:	approx. 30 kg
Effective air demand	:	250 l/min
Length of high-pressure hose package	:	7.5 m
Compression head	:	2-link mechanics



**Processing:**

For information on using the pump in case of acrylate gel injection please refer to the operation instructions of *MINIBOOSTER 5 U*.

**Safety information:**

Wear protective gloves, protective clothing and eye or face protection during injection work.

Before operation start-up the injection machine it is necessary to inform about the safety instructions. For further information please refer to the operation instructions.

**Packaging:**

Injection pump (ready-to-use)  
inclusive high-pressure hose package and compression head

**Legal notice:**

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

**TPH Bausysteme GmbH**  
Nordportbogen 8  
**D-22848 Norderstedt**

Tel.: +49 (0)40 / 52 90 66 78-0  
Fax: +49 (0)40 / 52 90 66 78-78  
e-mail [info@tph-bausysteme.com](mailto:info@tph-bausysteme.com)  
Web [www.tph-bausysteme.com](http://www.tph-bausysteme.com)

