

BOOSTER 10 A



Properties:

The *BOOSTER 10 A* is a 2-component injection pump with an external scavenge pump that was developed especially for the processing of acrylate gels.

The discharge flow of the material components (A and B components) is carried out with an air motor that drives the two material plungers. This ensures a forced discharge ratio of 1:1, so no mistakes can be made with mixing the components.

The external flushing pump for the discharge of water serves to clean the grouting head, the whip and the injection packer. This means that even acrylate gels with very low pot lives can be processed reliably.

Due to its robust design, the *BOOSTER 10 A* is particularly suited to injections with high acrylate gel consumption (e.g. tunnel construction). The *BOOSTER 10 A* should not be used for large-surface injections and horizontal damp barriers in brickwork (sand-lime brick, clinker etc.) because of its relatively high initial pressure.

Technical Data:

Engine gear ratio (motor material pump)	:	approx. 1 : 30
Engine gear ratio (motor flushing pump)	:	approx. 1 : 20
Working pressure	:	0 - 240 bar
Mixing ratio	:	1 : 1
Volume flow per double stroke	:	80 ml
Maximum flow rate	:	10 l/min
Dimensions	:	width 50 x depth 30 x height 100 cm
Weight	:	approx. 70 kg
Effective air demand	:	450 l/min
Length of high-pressure hose package	:	15 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 *BOOSTER 10 A*.

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
Web www.tph-bausysteme.com

