



PRODUCT INFORMATION

HEAT STAKING MACHINE B1000 BHS



- > Continuous process monitoring
- > Integrated Control Cabinet
- > Small footprint
- > Manual work place
- > Quick and easy commissioning
- > Maintenance friendly

Manual heat staking machine for joining of thermoplastics

The stand-alone work place with integrated control cabinet and continuous process monitoring is characterized by a compact machine design and optimal free moving space for the machine operator. The heat staking machine with integrated riveting stroke as Single-Step technology and internal air cooling is suitable for prototype manufacturing or manual batch production. The quick-change stamp allows easy retooling.

The B1000 BHS is composed of the riveting head with product-specific stamp, the cable package in a drag chain, the integrated control cabinet and pneumatic control cabinet, the fine adjustable fixture plate for the head and the panel PC, a welding frame ESD painted, an enclosure on three sides and a sliding table.

Using a touch panel PC, the process can be programmed intuitively and quickly, and the actual values for each process step are displayed, process, product and machine data will continuously be monitored. The heat staking machine B1000 BHS can be equipped with up to two rivet heads. With a sliding table, the part is easy to load and unload. The BHS systems are fitted as standard with ESD.

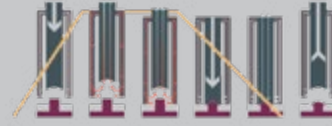
HEAT STAKING MACHINE B1000 BHS

HOT RIVETING SYSTEMS

> BHS Hot Stamp®



> BHS Hot Jet®



MODULAR EXTENSIONS

- > 2nd Riveting head
- > Maintenance front side door
- > Data base connection MDE / BDE

TECHNICAL DATA

Machine dimensions (WxDxH)	800x760x1960mm
Sliding table dimensions (WxD)	440x300xmm
Max. component height	approx. 200mm
Working height	approx. 950mm
Pneumatic stroke	25mm (50mm)
Control	Beckhoff SPS Windows 7 embedded
Operation	Touch panel, colored
Electrical power supply	230 V L N PE 50 Hz / 110 V N PE 60 Hz
Pneumatic supply each rivet head	200nl/min at 6 bar, 20°C
Weight	approx. 200kg
Color	RAL 7035 (ESD)



SOFTWARE

- > Standard languages German, English and French
- > Individual control of each rivet head
- > Error management with clear text messages
- > Data logging of error messages
- > Maintenance function
- > Profibus/ Profinet (optional)

(Errors and changes reserved, as of October 2015)

- > Service hotline (German/English/French)
- > Response service MO - FR
- > Spare parts service
- > Service and maintenance
- > Process and component optimization in in-house development centers
- > Trials and development in well equipped technical centers
- > Training for machine user, machine setter and maintenance personnel
- > Seminars for machines user, machine setter and maintenance personnel

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