

PRODUCT INFORMATION

HEAT STAKING MACHINE B7210 BHS



- > Continuous process monitoring
- > Integrated control cabinet
- > Modular machine design
- > Complete housing
- > Maintenance friendly
- > Quick and easy commissioning
- > Narrow footprint

SEMI- OR FULLY AUTOMATIC HEAT STAKING MACHINE FOR JOINING OF THERMOPLASTICS

The heat staking machine B7210 BHS with integrated control cabinet and continuous process monitoring is characterized by a modular machine design and is therefore the ideal solution for all typical industrial heat staking applications. Reliable quality with latest control technology makes the B7210 BHS a compact solution that combines productivity, flexibility and precision.

The B7210 BHS is composed of the riveting heads with product-specific stamp, the cable package in a drag chain, the integrated control cabinet and pneumatic control cabinet, the bracket for the head and the panel PC, a welding frame ESD painted, a complete housing and different loading or manipulation options.

Using a touch panel PC, the process can be programmed intuitively and quickly, and the actual values for each process step are displayed. All data are continuously monitored and can be passed on to a database for each component.

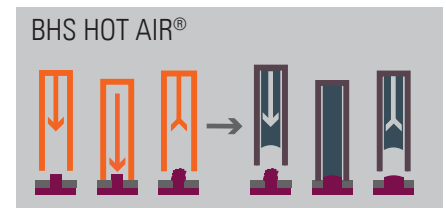
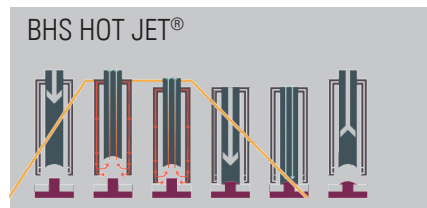
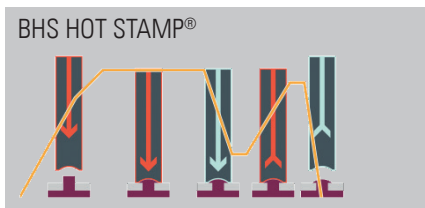
The heat staking machine B7210 BHS can be equipped with up to eight riveting heads. The loading and unloading of the part can be carried out flexibly, whether via a transfer system, a rotary table or simply with a sliding table.

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DISPENSING
IMPREGNATION
PLASMA
HOT RIVETING

HEAT STAKING MACHINE B7210 BHS

HEAT STAKING SYSTEMS



MODULAR EXTENSIONS

- > Up to 8 riveting heads
- > Sliding table for easy loading and unloading
- > Rotary table for short cycle time
- > Conveyor system with lifting and positioning unit
- > Light curtain
- > 3-axial system for sequentially processing the riveting points
- > Data base connection MDE / BDE
- > Front side maintenance door
- > Lateral maintenance door

TECHNICAL DATA

Machine dimensions (W x D x H)	1000 x 1135 x 2020 mm
Sliding carriage dimensions (W x D)	560 x 300 mm
Max. component height	approx. 250 mm
Working height	approx. 960 mm
Control	Beckhoff SPS Windows 10
Operation	Touch-Panel, 15" coloured
Electrical power supply	CEE-plug 3P/N/PE 400V 16A/32A 50Hz
Pneumatic supply each rivet head	200 nl/min at 6 bar, 20°C
Weight	approx. 500 kg
Colour	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)

- > 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

(Errors and changes reserved, as of October 2020)

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