



PRODUCT INFORMATION

# HEAT STAKING MACHINE 2000 BHS



- > Continuous process monitoring
- > Integrated Control Cabinet
- > Modular machine design
- > Complete housing
- > Maintenance friendly
- > Quick and easy commissioning

## Semi- or fully automatic heat staking machine for joining of thermoplastics

The heat staking machine B2000 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 B2000 BHS a compact solution that combines productivity, flexibility and precision.

The B2000 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. Process, product and machine data are continuously monitored and can be passed on to a database for each component. The heat staking machine B1000 BHS can be equipped with up to eight riveting heads. The loading and unloading of the part can be carried out flexibly according to your needs, whether via a transfer system, a rotary table or simply with a sliding table. The BHS systems are fitted as standard with ESD.

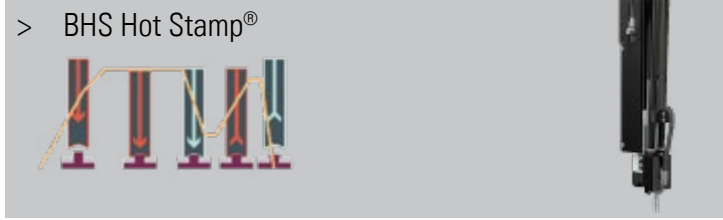


DISPENSING  
IMPREGNATION  
PLASMA  
HOT RIVETING  
AUTOMATION

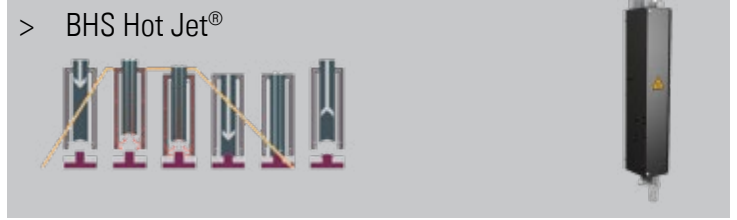
# HEAT STAKING MACHINE B2000 BHS

## HEAT STAKING SYSTEMS

### > BHS Hot Stamp®



### > BHS Hot Jet®

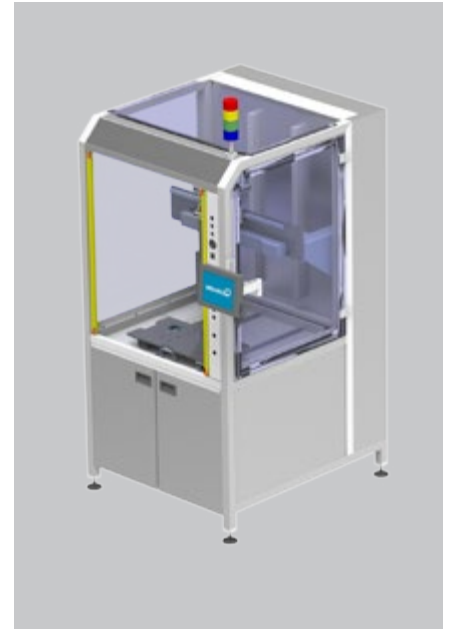


## MODULAR EXTENSIONS

- > 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

## TECHNICAL DATA

Machine dimensions (WxDxH)	1000x1135x1960mm
Working area	Depending on version
Working height	approx. 850-995mm
Pneumatic stroke	25mm (50 mm)
Control	Beckhoff SPS Windows 7 embedded
Operation	Touch panel, colored
Electrical power supply	CEE plug 400 V / 50 Hz, 32 A
Pneumatic supply each rivet head	200nl/min bei 6 bar, 20°C
Weight	approx. 350kg
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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