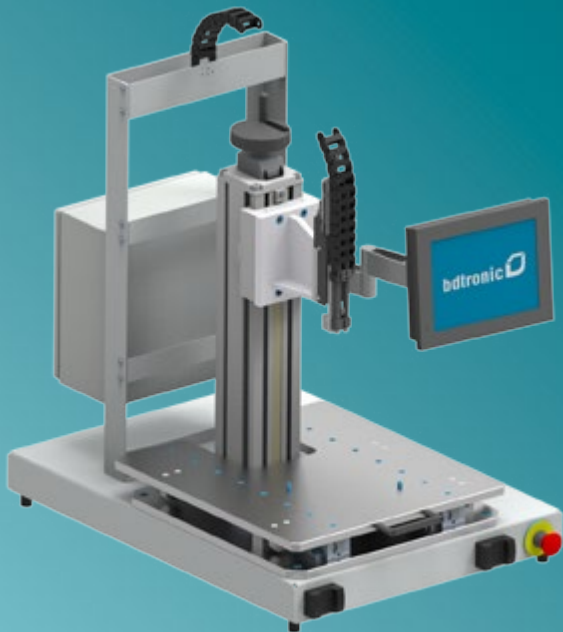




PRODUCT INFORMATION

# HEAT STAKING TABLE TOP MACHINE BHS



- > Continuous process monitoring
- > Integrated Control Cabinet
- > Space-saving construction
- > Suitable for prototyping, process development or small batch production
- > Quick and easy commissioning
- > Maintenance friendly

## Manual heat staking table top machine for joining of thermoplastics

The manual work place with continuous process monitoring is characterized by a compact machine design and optimal free moving space for the machine operator. The heat staking table top machine with integrated riveting stroke with Single-Step technology and internal air cooling is suitable for prototype manufacturing, customer's process development and small batch production. The quick-change stamp allows easy retooling.

The table top machine BHS is composed of the riveting head with product-specific stamp, the cable package in a drag chain, the integrated pneumatic control cabinet, the fine adjustable fixture plate for the head and the panel PC, a sliding table and the separate control cabinet.

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 table top machine BHS can be equipped with up to two riveting heads. With a sliding table the part is easy to load and unload using a two-hand operating device. The BHS systems are fitted as standard with ESD.



DISPENSING  
IMPREGNATION  
PLASMA  
HOT RIVETING  
AUTOMATION

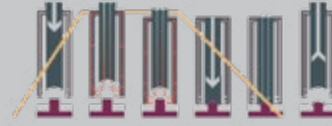
# HEAT STAKING TABLE TOP MACHINE BHS

## HOT RIVETING SYSTEMS

### > BHS Hot Stamp®



### > BHS Hot Jet®



## MODULAR EXTENSIONS

- > 2nd Riveting head
- > Data base connection MDE / BDE
- > ESD equipment

## TECHNICAL DATA

Machine dimensions (WxDxH)	560x790x800mm
Sliding table dimensions (WxD)	440x330mm
Max. component height	approx. 200mm
Cabinet dimensions (WxDxH)	600x300x800mm
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 table top machine	approx. 50kg
Weight cabinet	approx. 50kg



## 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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