



HS400 & 800

Heating paddle with joining table

WELDING TECHNOLOGY FOR ELASTIC MONOLITHIC BELTS

Elastic monolithic PU conveyor belts from BEHAbelt offer new options for joining belts thanks to their full PU belt construction. Due to the belt structure without reinforcements, finger welding is no longer necessary, as the monolithic belt is a homogeneous belt design in itself – even in the welded seam.

The BEHAbelt HS welding device is a simple, handy, reliable and cost-effective tool for butt-welding monolithic belts. Depending on the requirements, 2 versions are available with the joining table and heating blade for max. belt widths up to 400 and 800 mm.

The easy operation in combination with the intuitive production aids enables a high-quality connection of the belts with repeatable accuracy.

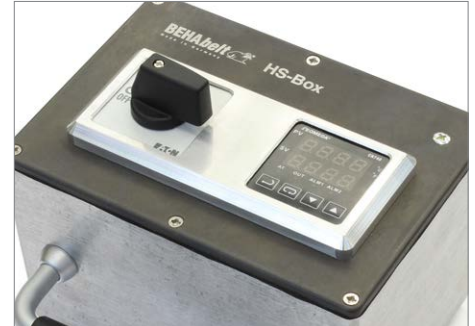
Optional adapter plates ensure precise positioning and clamping of the belt ends to be welded, even for belts with more complex belt structures.



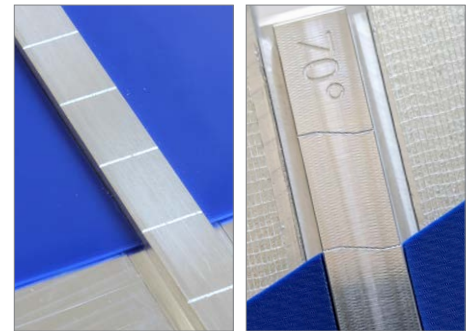


HS 400 & 800 – HEATING PADDLE WITH JOINING TABLE

- HS400 for up to 400 mm belt width
- HS800 for up to 800 mm belt width
- Well-thought-out design with positioning aids and stops ensures high repeatability in the welding processes
- Particularly fast heating time
- Clamping lever with locking device
- Robust and handy design of the individual components
- Precise temperature setting by means of a control unit
- No adhesion of PU or TPE material due to Teflon-coated heating sword
- Easy cleaning of the heating sword with a cotton cloth
- Welding unit is delivered in a mobile, stable transport box for mobile use on site



Robust and easy-to-use control unit for temperature control



Precise and aligned insertion of the belt ends (90° & 70°).



Optional adapter plates

For the optimal alignment and clamping of the belts to be welded in the joining table, optional adapter plates are available for more complex belt structures (not included in the standard delivery programme).

Available versions:

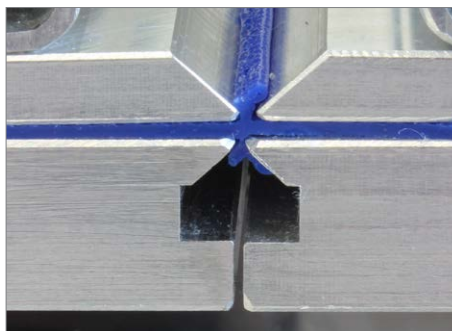
HS400&800: Spike, AT5; only HS800: Cleandrive 2, Superdrive V, Thermdrive 2



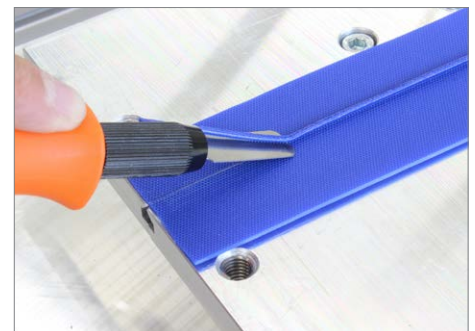
Welding stops for precise repeat welding



Locking pins ensure that the adapter plates are correctly positioned on the joining table.



Bevelled clamping bars for optimum formation of the welding bead



Easy removal of the welding bead with the supplied tool