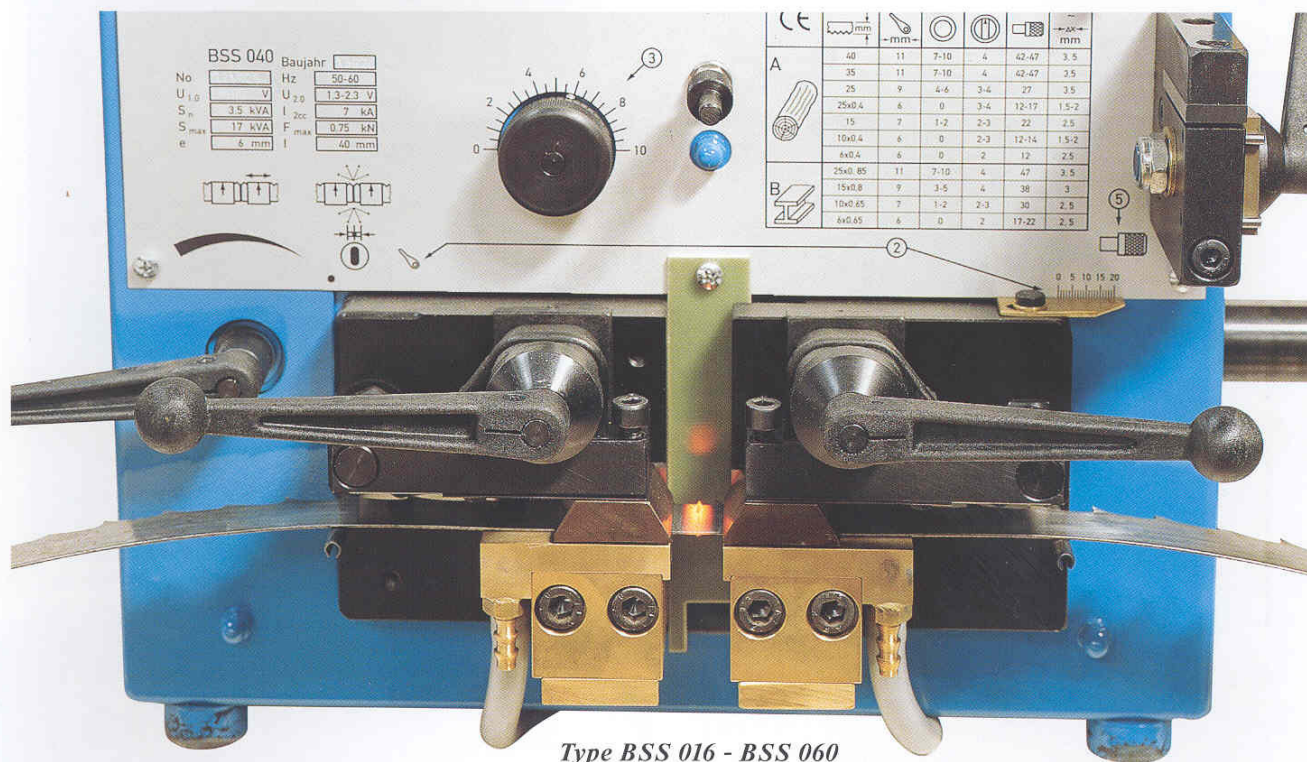


Bandsaw Butt Welders



Butt Welding Machines

for wood and metal bandsaws, for continuous production of bandsteel

The Butt Welding Machines Type BSS

- High quality and time saving by fast and simple welding operation
- For joining of bandsaws and bandsteel of different qualities
- Up to max. 60 mm of width, from min. 0,5 mm thickness



Type BSS 016 / BSS 025 with shear type AHM 025, grinding machine type ESM 025 and electronic annealing device type EG - also available without housing for incorporation in bandsaw machines



Grinding machine type SMH 060



Type BSS 060 on working table with shear type AHE 060 and grinding machine type SMH 060

Your advantages:

- High strength and elasticity of the welding seam
- Weld joints without misalignment
- No additional solder and flux
- Easy operation and maintenance
- Fast preparation of strip ends
- Robust design - therefore long lasting and reliable

The machine concept:

- Precise and wear resistant parallel guiding rails of the movable welding jaw
- Clamping device adjustable to constant pressure
- Upsetting pressure by adjustable spring
- Adjustable jaw distance for welding and annealing operation
- Compact design
- Option: Electronic annealing device



Type BSS 040
with shear type
AHM 040 and
grinding machine
type ESM 040



Shear type AHE 050

	BSS 016	BSS 025	BSS 040	BSS 050	BSS 060
Capacity, at 50% duty cycle, kVA	2	3	4	8	8
Metal bandsaws*, mm	6 - 12	6 - 19	6 - 27	6 - 34	6 - 34
Wood bandsaws, mm	3 - 16	4 - 25	6 - 40	6 - 50	6 - 60
Bandsteel mm ² max. cross section mild steel	15	20	35	40	40
Max. clamping width Bandsteel mm	16	25	40	50	60
Weight net/gross, kg (approx.)	19/26	21/28	64/94	66/96	67/97
Packing sizes width x height x depth, mm (approx.)	390 x 290 x 300	390 x 290 x 300	720 x 590 x 630	720 x 590 x 630	720 x 590 x 630

* = Electronic annealing device type „EG“ is recommended for annealing of welded bi-metal bandsaws.

Accessories

Saw Blade Shears

- Saw Blade Shears for burr-free and distortion-free, rectangular cutting of the strip
- Shear knives made of special steel for high durability and reversible usage
- Adjustable tooth locating stops for bandsaws
- Option: Additional gripping jaw for nonskidding clamping of the strip during the cutting operation
- Different models for various strip width/cross sections, operated manually or pneumatically, available with single or double cutting



Grinding Tools

- Grinding machines for deburring of welding seam, equipped with threephase motor, switch-on/off-switch, manual adjustment and stroke
- Available with manual eccentric clamping device or pneumatically operated clamping device
- Infinite adjustment of the grinding level by rim screw
- Additional lever for precise adjustment of abrasive wheel