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

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
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
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

### Accessories

<table>
<thead>
<tr>
<th>BSS 016</th>
<th>BSS 025</th>
<th>BSS 040</th>
<th>BSS 050</th>
<th>BSS 060</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity, at 50% duty cycle, kVA</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>Metal bandsaws*, mm</td>
<td>4 - 12</td>
<td>4 - 20</td>
<td>6 - 27</td>
<td>6 - 34</td>
</tr>
<tr>
<td>Wood bandsaws, mm</td>
<td>3 - 16</td>
<td>3 - 25</td>
<td>6 - 40</td>
<td>6 - 50</td>
</tr>
<tr>
<td>Bandsteel mm² max. cross section mild steel</td>
<td>15</td>
<td>20</td>
<td>35</td>
<td>40</td>
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<tr>
<td>Max. clamping width Bandsteel mm</td>
<td>16</td>
<td>25</td>
<td>40</td>
<td>50</td>
</tr>
<tr>
<td>Weight net/gross, kg (approx.)</td>
<td>19/26</td>
<td>21/28</td>
<td>64/94</td>
<td>66/96</td>
</tr>
<tr>
<td>Packing sizes width x height x depth, mm (approx.)</td>
<td>390 x 290 x 300</td>
<td>390 x 290 x 300</td>
<td>720 x 590 x 630</td>
<td>720 x 590 x 630</td>
</tr>
</tbody>
</table>

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