Beading and Flanging Machine
SME 160 · SME 200

The machine with high power for highest requirements!
Design features

- Machine in welded steel construction
- Parallel infeed of upper roll with ball bearing guided shafts
- Shafts hardened and grounded
- Infinitely controlled main drive with foot switch and speed limiter
- Easy axial adjustment of the lower shaft by hand wheel
- Motorized infeed of upper roll with PLC and touchscreen with program memory for 200 programs
- Control integrated in separate mounted control box

Standard equipment

- Hardened stop and connecting plate
- Stable sub frame
- Electrical safety control
- Connecting power 400V / 50Hz / 3Ph
- Key for mounting of the rolls

Additional equipment

- Manual operated central lubrication system
- Divided stop
- Support of the guiding pipe of the lower shaft for heavy load while working at the end of the tube
- Hardened forming rolls
- Adjustable tube guidance with tube support
- Adjustable tube guidance with centering disc

Axial adjustment of lower roll
Motorized infeed of upper roll
Stop plate
Touchscreen operation
Central lubrication

Divided stop
Support of the guiding pipe
Beading rolls

Showed machines are including options. - Technical modifications are reserved!
SME 160/5 P
- For production of flanges at tubes
- Subframe in inclined execution
- Motorized adjustment of the tube guidance
- Fully automated control system
- Manual operated central lubrication system

SME 200/7 P
- For production of water tanks
- Hydraulically operated infeed of upper roll
- Motorized adjustment of the tube guidance
- Fully automated control system
- Manual operated central lubrication system

SME 200 V
- Beading machine in vertical execution
- Motorized infeed of upper roll
- Motorized height adjustment of the Stop respectively supporting plate
- Fully automated control system

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SME 160 · SME 200

SME 200/4 P
- For production of multiple beads
- Hydraulically operated infeed of upper roll
- Adjustable ring holding device
- Rolls for multiple beads
- Manual operated central lubrication system

<table>
<thead>
<tr>
<th>Model</th>
<th>SME 160/5 P</th>
<th>SME 160/7 P</th>
<th>SME 200/5 P</th>
<th>SME 200/7 P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dist. of the center of the rolls</td>
<td>mm</td>
<td>160</td>
<td>160</td>
<td>200</td>
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<tr>
<td>Working depth</td>
<td>mm</td>
<td>500</td>
<td>750</td>
<td>500</td>
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<td>Ø of the roller seat</td>
<td>mm</td>
<td>63</td>
<td>63</td>
<td>100</td>
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<tr>
<td>Sheet thickness</td>
<td>mm</td>
<td>5,00</td>
<td>4,00</td>
<td>8,00</td>
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<tr>
<td>Working speed</td>
<td>m/min</td>
<td>0 - 20</td>
<td>0 - 20</td>
<td>0 - 20</td>
</tr>
<tr>
<td>Motor power</td>
<td>kW</td>
<td>5,5</td>
<td>5,5</td>
<td>7,5</td>
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<tr>
<td>Weight</td>
<td>kg</td>
<td>1900</td>
<td>2100</td>
<td>2600</td>
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<tr>
<td>Size L x W x H</td>
<td>m</td>
<td>1,8 x 1,1 x 1,8</td>
<td>2,1 x 1,1 x 1,8</td>
<td>2,2 x 1,3 x 1,9</td>
</tr>
</tbody>
</table>

* The sheet thickness is based on material with a tensile strength of 400 N/mm² and a yield point of 250 N/mm²

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