Semi-automatic pipe bending machine

TUBOBEND 50
Basic equipment / Features

- Exposed bending head for maximum bending space
- Electronic SIMATIC Touch Panel control with user guidance, automatic sequencing of the data records and storage capability for 100 bending programs
- Hydraulic pipe clamping with adjustable clamping pressure
- Hydraulic pressure die positioning
- Follower-type pressure die (linear guiding)
- Hydraulic mandrel retraction
- Machine mobile and flexible to use

Options / Accessories

- Positioning device for pipe length and rotation, incl. 3-jaw chuck
- Mechanical collet chuck or hydraulic collet chuck
- Adjustable bending speed
- Pressure die assist
- Automatic pressure die retraction
- Length and rotation measuring system with digital display
- Anticipated mandrel retraction for optimizing the bend quality
- Mandrel lubrication device
- Remote control or foot switch for bending and clamping function
- Mobile control board
- Interface for data import from PIPEFAB BE pipe bending software
- Pipe bending software PIPEFAB BE for installation on an external PC
- Interface for remote maintenance of the machine control via VPN

Models

- Pipe length (over mandrel): 3000 mm / 4500 mm / 6000 mm

![Image of pipe bending machine]

Fast and easy bending of pipe shapes up to Ø 50 mm.

Application example: hydraulic pipe, mild steel Ø 38.0 x 3.0 mm

Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Bending capability (mild steel)</td>
<td>Ø 50.0 x 5.0 mm</td>
</tr>
<tr>
<td>Max. bending radius</td>
<td>200 mm</td>
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<tr>
<td>Max. bending speed</td>
<td>30 °/s</td>
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<tr>
<td>Bending accuracy</td>
<td>± 0.1 °</td>
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<tr>
<td>Dimensions, approx. (LxWxH)</td>
<td>4100 x 800 x 1200 mm</td>
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<tr>
<td>Weight, approx.</td>
<td>1300 kg</td>
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<tr>
<td>Connected load</td>
<td>4.0 kW</td>
</tr>
</tbody>
</table>

1) at min. pipe length over mandrel