Semi-automatic pipe bending machine

TUBOBEND 42
Basic equipment / Features

- Compact and exposed bending head for maximum bending space
- Electronic control for the bending axis with 7” Touch Panel, set-point / actual value display, automatic sequencing of the data records and storage capability for 100 bending programs
- Ergonomically optimized control panel
- Positioning device for pipe length and rotation, incl. 3-jaw chuck, stoppers and comfortable transversal adjustment
- Hydraulic pipe clamping with adjustable clamping pressure
- Hydraulic pressure die positioning
- Hydraulic mandrel retraction unit with comfortable transversal adjustment
- Maintenance-friendly housing concept with optimized accessibilities
- Modern industrial design
- Machine mobile and flexible to use

Options / Accessories

- Mechanical collet chuck or hydraulic collet chuck
- Adjustable bending speed
- Follower-type pressure die, automatic pressure die retraction
- Length and rotation measuring system with digital display
- Comfortable sequencing of the data records for stopper adjustment
- Braking system for length and rotational positioning of the pipe
- Mandrel lubrication device
- Interface for data import from PIPEFAB BE pipe bending software
- Interface for remote maintenance of the machine control via VPN

Models

- Machine optionally available as right-hand or left-hand bender
- Pipe length (over mandrel): 3000 mm / 4500 mm / 6000 mm

Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Bending capability (mild steel)</td>
<td>Ø 42.0 x 3.0 mm</td>
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<tr>
<td>Max. bending radius</td>
<td>125 mm</td>
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<tr>
<td>Max. bending speed</td>
<td>44 °/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>4250 x 1000 x 1250 mm</td>
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<tr>
<td>Weight, approx.</td>
<td>770 kg</td>
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<tr>
<td>Connected load</td>
<td>3.25 kW</td>
</tr>
</tbody>
</table>

1) at min. pipe length over mandrel

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