simply smart.

The pro for hydraulic piping

TUBOMAT
Basic equipment / Features

- Completely modular structure
- Ergonomically optimized workflows
- Electronic bending axis control via SIMATIC Touch Panel allows for program mode and 4-fold angle pre-selection mode
- Storage capability for 80 bending programs
- Interface for data import from PIPEFAB BE pipe bending software
- Compact and exposed bending head for maximum bending space
- Hydraulic bending drive, operated by hand lever valve
- Hydraulic pipe clamping and pressure die positioning
- Hydraulic mandrel retraction
- Machine mobile and flexible to use

Options / Accessories

- Positioning device for pipe length and rotation, incl. collet chuck
- Length and rotation measuring system with digital display
- Anticipated mandrel retraction
- Mandrel lubrication device
- Pipe bending software PIPEFAB BE for installation on an external PC
- Pipe circular saw with saw cut visualization by means of a line laser, adjustable pipe feed and folding saw blade protection cover
- Pipe deburring unit for internal and external deburring
- Hydraulic power unit as basic seating for attaching a cutting ring assembly or flaring device
- Electronically controlled cutting ring assembly device
- Pipe flaring device, for 37° SAE or 10° flaring

Models

- Pipe length (over mandrel): 1500 mm / 3000 mm / 4500 mm / 6000 mm

Technical data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bending capability (mild steel)</td>
<td>Ø 48.3 x 3.2 mm</td>
</tr>
<tr>
<td>Max. bending radius</td>
<td>125 mm</td>
</tr>
<tr>
<td>Max. bending speed</td>
<td>20 °/s</td>
</tr>
<tr>
<td>Bending accuracy</td>
<td>± 0.2 °</td>
</tr>
<tr>
<td>Dimensions, approx. (LxWxH)</td>
<td>2500 x 800 x 1400 mm</td>
</tr>
<tr>
<td>Weight, approx.</td>
<td>650 kg</td>
</tr>
<tr>
<td>Connected load</td>
<td>2.5 kW</td>
</tr>
</tbody>
</table>

1) at min. pipe length over mandrel