



Semi-automatic pipe bending machine

# TUBOBEND 50

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- exposed bending head for maximum bending space
- SIMATIC touch panel control with user guidance and storage facility for 100 bending programs
- plane-of-bend device with three-jaw chuck and length stop device (3 length stops + 3 rotating stops incl.)
- hydraulic pipe clamping (adjustable clamping pressure)
- hydraulic pressure die positioning
- hydraulic and anticipated mandrel retraction

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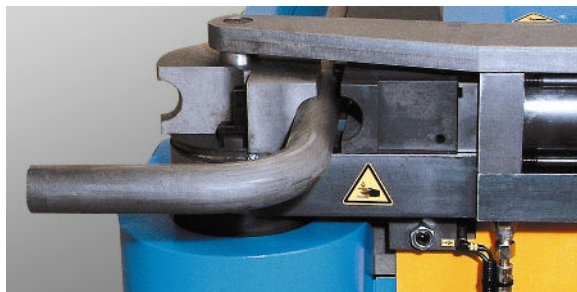
- follower-type pressure die (linear guiding)
- 2-axes measuring system for the length and rotational position with digital displaying on the touch panel

## Further options

- adjustable bending speed
- mechanical collet chuck or hydraulic collet chuck
- manual or automatic mandrel lubrication
- remote control for bending and clamping function
- foot switch for bending and clamping function

## Models

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



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



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

## Technical data

|                                           |                      |
|-------------------------------------------|----------------------|
| bending capacity (mild steel)             | Ø 50.0 x 5.0 mm      |
| max. bending radius <sup>1)</sup>         | 200 mm               |
| bending speed (max.)                      | 30 °/s               |
| positioning accuracy (bending axis)       | ± 0.1 °              |
| dimensions, approx. (LxWxH) <sup>2)</sup> | 4100 x 800 x 1200 mm |
| weight, approx. <sup>2)</sup>             | 1300 kg              |
| connected load                            | 4.0 kW               |

<sup>1)</sup> depends on the pipe diameter

<sup>2)</sup> at min. pipe length

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