



CNC pipe bending machine

TUBOTRON 60

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Features / Equipment

- programmable sequence control with menu-driven user guidance via SIMATIC Touch PC on mobile control board
- exposed bending head for maximum bending space
- hydraulic bending drive
- hydraulic pipe clamping (power programmable)
- hydraulic pressure die positioning (mechanical fine adjustment)
- pressure die assist (linear guiding, power programmable)
- hydraulic long-neck collet chuck allows for positioning of the pipe in the pressure die area, with pipe re-gripping functionality
- hydraulic and anticipated mandrel retraction
- automatic minimum quantity mandrel lubrication
- pipe and mandrel support
- interface for remote maintenance
- oil cooler

Options

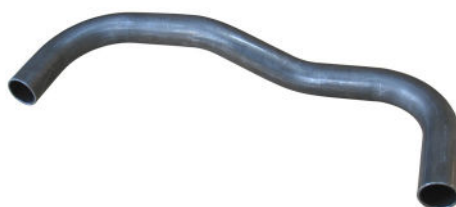
- anti-buckling system for the mandrel rod

Models

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



Fully automatic and highly precise bending of pipes up to Ø 60 mm.



Application example:
mild steel pipe Ø 42.0 x 2.5 mm

Technical data

bending capability (mild steel)	Ø 60.3 x 4.5 mm
max. bending radius ¹⁾	200 mm
bending speed (max.)	43 °/s
pipe feed (max.)	750 mm/s
pipe rotation (max.)	120 °/s
positioning accuracy	± 0.05 mm / ± 0.05 °
dimensions, approx. (LxWxH) ²⁾	5100 x 900 x 1200 mm
weight, approx. ²⁾	2000 kg
connected load	18.5 kW

¹⁾ depends on the pipe diameter

²⁾ at min. pipe length

Photos, text and illustrations are subject to change.
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