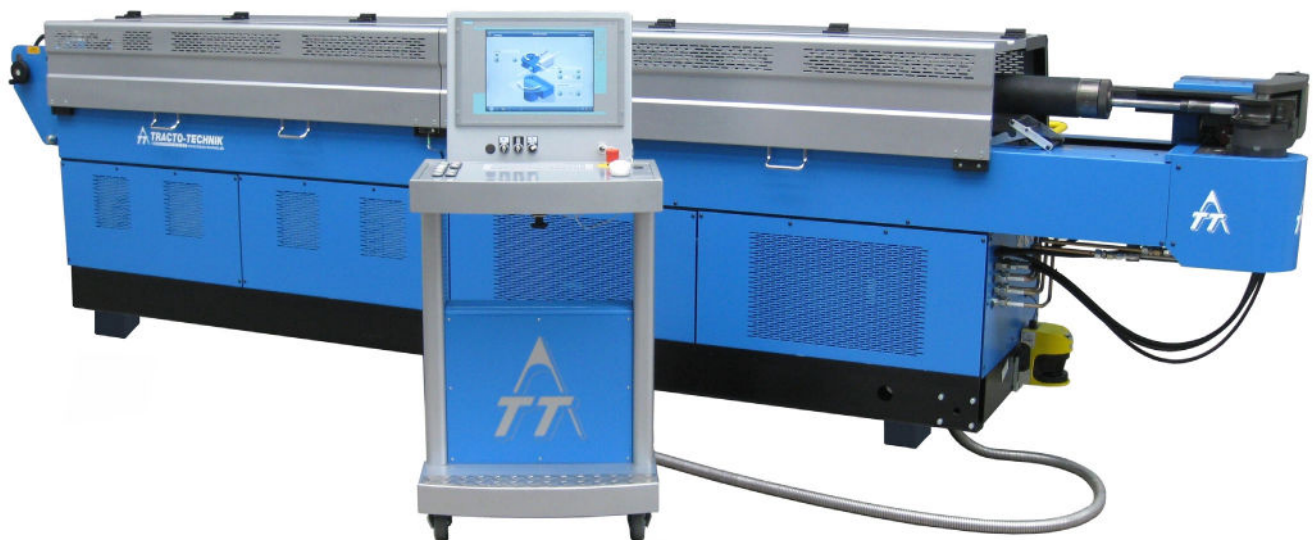




CNC pipe bending machine

TUBOTRON 50

TUBOTRON 50

Features / Equipment

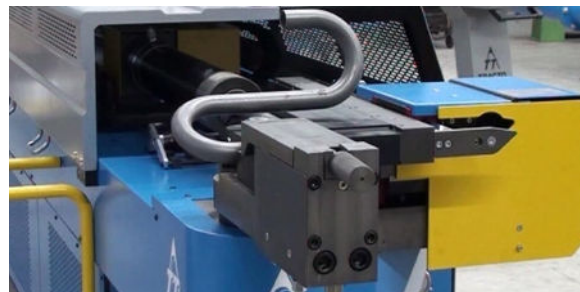
- programmable sequence control with menu-driven user guidance via SIMATIC Operator Panel or Touch PC on mobile control board
- exposed bending head for maximum bending space
- hydraulic bending drive
- hydraulic pipe clamping (power programmable)
- hydraulic pressure die positioning, follower-type pressure die
- 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

- pressure die assist (power programmable)
- anti-buckling system for the mandrel rod

Models

- TUBOTRON 50 SPS / TUBOTRON 50 CNC (with servo technique)
- pipe length (over mandrel): 3000 mm / 4500 mm / 6000 mm



Fully automatic and highly precise bending of pipes up to Ø 50 mm.



Application example:
mild steel pipes Ø 35.0 x 2.0 mm

Technical data	SPS model	CNC model / servo technique
bending capability (mild steel)	Ø 50.0 x 5.0 mm	Ø 50.0 x 5.0 mm
max. bending radius ¹⁾	200 mm	200 mm
bending speed (max.)	43 °/s	43 °/s
pipe feed (max.)	350 mm/s	750 mm/s
pipe rotation (max.)	105 °/s	120 °/s
positioning accuracy	± 0.1 mm / ± 0.1 °	± 0.05 mm / ± 0.05 °
dimensions, approx. (LxWxH) ²⁾	5100 x 900 x 1200 mm	5100 x 900 x 1200 mm
weight, approx. ²⁾	2000 kg	2000 kg
connected load	7.5 kW	15.0 kW

¹⁾ depends on the pipe diameter

²⁾ at min. pipe length

Photos, text and illustrations are subject to change.
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