

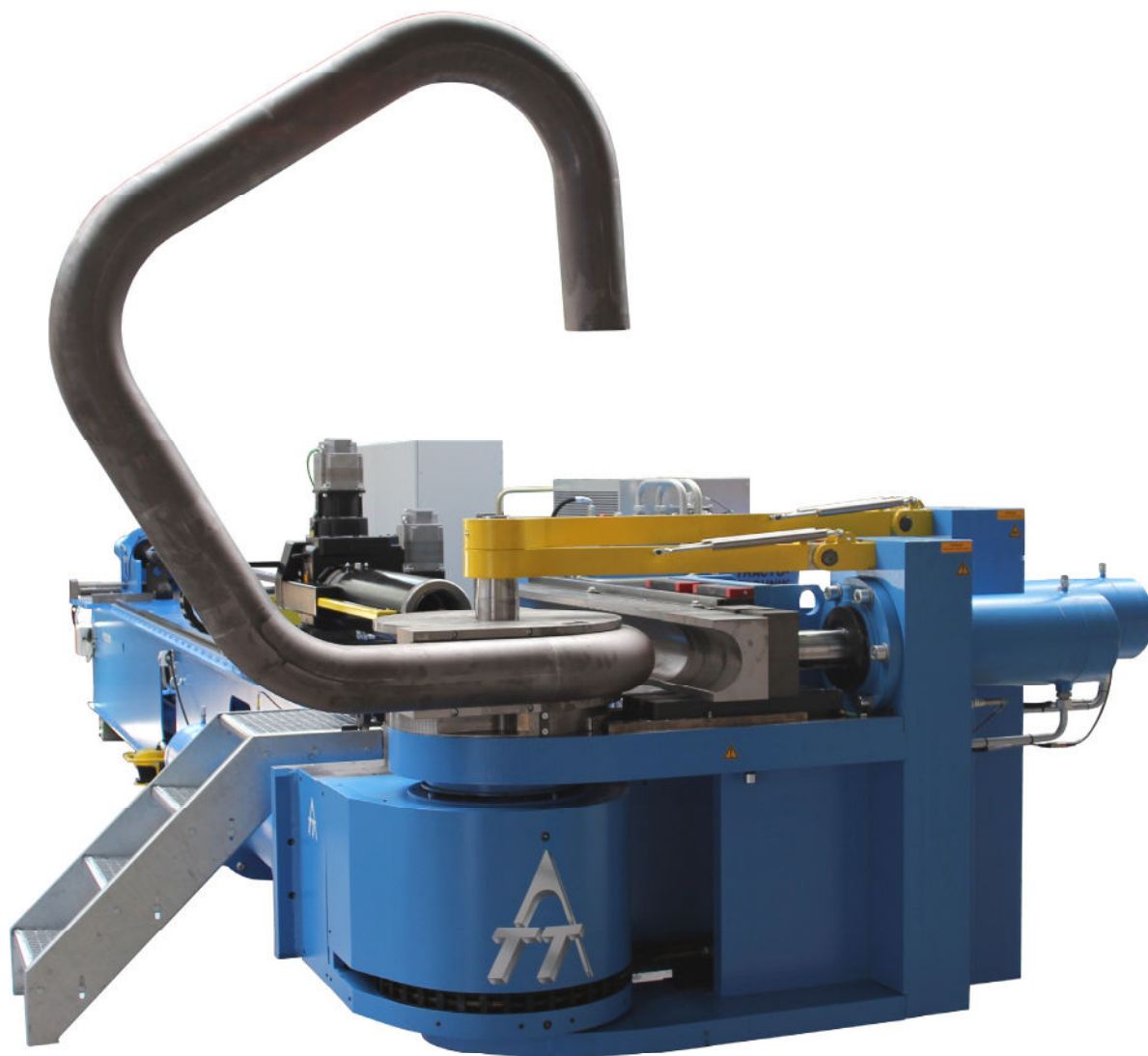


Figure: TUBOTRON 170 HD with
steel pipe St 52, $\varnothing$ 168.3 x 4.5 mm.

CNC pipe bending machine

TUBOTRON 170

TUBOTRON 170

Features / Equipment

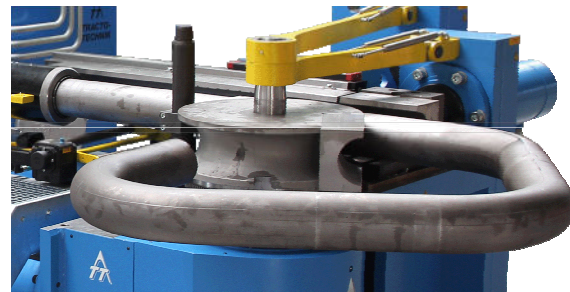
- programmable sequence control with menu-driven user guidance via SIMATIC Touch PC on mobile control board
- hydraulic pipe clamping (power and distance programmable)
- hydraulic pressure die positioning (power and distance programmable)
- pressure die assist (linear guiding, power programmable)
- hydraulic long-neck collet chuck allows for positioning of the pipe in the pressure die area, with position-controlled pipe re-gripping functionality
- hydraulic and anticipated mandrel retraction
- programmable servo-electric radius adjustment of the pipe positioning device and the mandrel retraction system
- automatic minimum quantity mandrel lubrication
- pipe and mandrel support
- interface for remote maintenance
- oil cooler
- quick-change system for the bending tools

Options

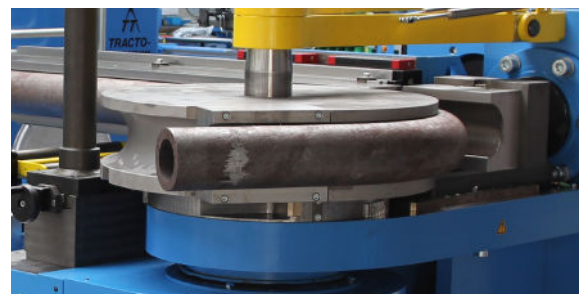
- centralized lubrication system

Models

- pipe length (over mandrel): 4500 mm / 6000 mm / 8000 mm
- machine available in an especially robust, reinforced construction (HD = heavy duty, with enhanced bending performance)



Fully automatic and highly precise bending of pipes up to Ø 170 mm.



Application example (TUBOTRON 170 HD): steel pipe for high pressure hydraulics, P355N Ø 139.7 x 22.2 mm

Technical data	TUBOTRON 170	TUBOTRON 170 HD
bending capability (mild steel)	Ø 170.0 x 8.0 mm	Ø 170.0 x 11.0 mm
max. bending radius ¹⁾	510 mm	510 mm
bending speed (max.)	8 °/s	8 °/s
pipe feed (max.)	500 mm/s	500 mm/s
pipe rotation (max.)	50 °/s	50 °/s
positioning accuracy	± 0.1 mm / ± 0.1 °	± 0.1 mm / ± 0.1 °
dimensions, approx. (LxWxH) ²⁾	8000 x 2500 x 1500 mm	8000 x 2500 x 1500 mm
weight, approx. ²⁾	16000 kg	17000 kg
connected load, approx.	43.0 kW	50.0 kW

¹⁾ depends on the pipe diameter

²⁾ at min. pipe length