



CNC pipe bending machine

TUBOTRON 25

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Features / Equipment

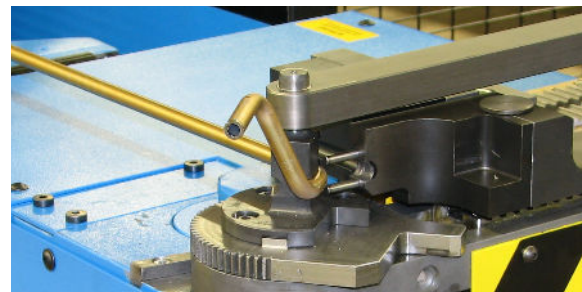
- programmable sequence control with menu-driven user guidance via SIMATIC Touch PC on mobile control board
- exposed and compact bending head for maximum bending space
- servo-electric bending drive
- pneumatic pipe clamping (mechanical fine adjustment)
- pneumatic pressure die positioning (mechanical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

Options

- follower-type pressure die
- anti-buckling system for mandrel rods

Models

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



Fully automatic and highly precise bending of pipes up to Ø 25 mm.



Application example: Stainless steel pipe
Ø 22.0 x 1.0 mm | BR = 1.5 x D

Technical data

bending capability (mild steel)	Ø 25.0 x 2.5 mm
max. bending radius ¹⁾	150 mm
bending speed (max.)	170 °/s
pipe feed (max.)	1670 mm/s
pipe rotation (max.)	360 °/s
positioning accuracy	± 0.05 mm / ± 0.05 °
dimensions, approx. (LxWxH) ²⁾	3300 x 860 x 1200 mm
weight, approx. ²⁾	1500 kg
connected load	15.0 kW

¹⁾ depends on the pipe diameter

²⁾ at min. pipe length

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