



CNC pipe bending machine

TUBOTRON 90

TUBOTRON 90

Features / Equipment

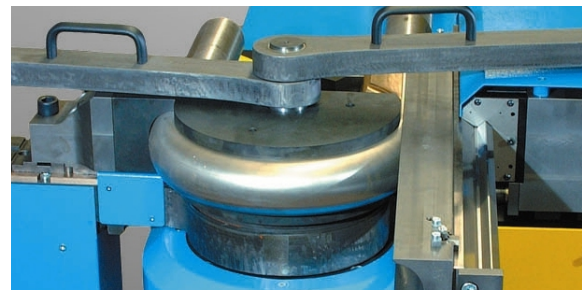
- programmable sequence control with menu-driven user guidance via SIMATIC Touch PC on mobile control board
- exposed bending head for maximum bending space
- hydraulic bending drive
- hydraulic pipe clamping (power programmable)
- hydraulic pressure die positioning (distance programmable)
- pressure die assist (linear guiding, power programmable)
- hydraulic long-neck collet chuck allows for positioning of the pipe in the pressure die area, with 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 90 mm.



Application example: stainless steel exhaust pipe
Ø 76.2 x 1.47 mm | BR = 1.5 x D

Technical data

bending capability (mild steel)	Ø 88.9 x 5.0 mm
max. bending radius ¹⁾	250 mm
bending speed (max.)	43 °/s
pipe feed (max.)	420 mm/s
pipe rotation (max.)	100 °/s
positioning accuracy	± 0.05 mm / ± 0.05 °
dimensions, approx. (LxWxH) ²⁾	5300 x 1200 x 1350 mm
weight, approx. ²⁾	3800 kg
connected load	26.0 kW

¹⁾ depends on the pipe diameter

²⁾ at min. pipe length

Photos, text and illustrations are subject to change.
© TRACTO-TECHNIK GmbH & Co.KG. 2012-09.