

TUBOTRON 120

CNC controlled tube bending machine (for tubes up to Ø 140 mm)



Features / Equipment

- Programmable sequence control with user guidance via SIMATIC PC
- Hydraulic tube clamping with programmable clamping pressure and distance control
- Hydraulic pressure die positioning with programmable hydraulic pressure and distance control
- Hydraulic long-neck collet chuck allows for positioning in the pressure die area with tube resumption
- Hydraulic and anticipated mandrel retraction
- Automatic minimal-metered mandrel lubrication device
- Interface for remote maintenance of the machine control
- Foot switch for hydraulic collet chuck

Options

- Pressure die assist with programmable hydraulic pressure and distance control
- Booster functionality
- Quick-change system for the bending tools

Technical Data

Maximum tube diameter (OD)	140 mm
Maximum bending radius (CLR) ¹	420 mm
Bending speed (max.)	16 °/s
Tube feed rate (max.)	630 mm/s
Tube rotation (max.)	70 °/s
Positioning accuracy of all axes	± 0,1 mm, ± 0,1 °
Dimensions (LxWxH)	9500 x 2500 x 1500 mm
Weight, approx.	12500 kg
Power requirement	38,0 kW

¹ depends on tube diameter (OD)

Subject to technical alteration • 2009-08



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PIPE FABRICATION

TRACTO-TECHNIK GmbH & Co. KG Spezialmaschinen
Hunold-Rump-Str. 76-80 · D-57368 Lennestadt
Tel: +49 (0) 27 25 / 95 40 - 0 · Fax: +49 (0) 27 25 / 95 40 - 39
www.tracto-technik.de · E-Mail: tubomat@tracto-technik.de