

TUBOTRON 20 / 20 RL

CNC controlled tube bending machine (for tubes up to Ø 20 mm)



Features / Equipment

- Exposed and compact bending head for maximum bending space
- Programmable sequence control with user guidance via SIMATIC PC
- Hydraulic tube clamping with programmable clamping pressure
- Hydraulic pressure die positioning
- 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

- Following pressure die
- Right-left bending head (RL)
- Stack tooling / multi-radii capability (for each bend direction)

Technical Data	
Maximum tube diameter (OD)	20 mm
Maximum bending radius (CLR) ¹	100 mm
Bending speed (max.)	450 °/s
Tube feed rate (max.)	2000 mm/s
Tube rotation (max.)	880 °/s
Positioning accuracy of all axes	± 0,05 mm, ± 0,05 °
Dimensions (LxWxH) ²	2800 x 850 x 1200 mm
Weight, approx. ²	1200 kg
Power requirement	15,0 kW

¹ depends on tube diameter (OD)

² at min. tube length over mandrel

Subject to technical alteration • 2009-08



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PIPE FABRICATION

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