

TUBOTRON 90

CNC controlled tube bending machine (for tubes up to Ø 90 mm)



Features / Equipment

- Exposed bending head for maximum bending space
- Programmable sequence control with user guidance via SIMATIC Operator Panel or SIMATIC PC
- Hydraulic tube clamping with programmable clamping pressure
- Hydraulic pressure die positioning, following pressure die
- Hydraulic long-neck collet chuck allows for positioning in the pressure die area with tube resumption
- Hydraulic and anticipated mandrel retraction
- Automated 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

Technical Data

Maximum tube diameter (OD)	90 mm
Maximum bending radius (CLR) ¹	250 mm
Bending speed (max.)	43 °/s
Tube feed rate (max.)	420 mm/s
Tube rotation (max.)	100 °/s
Positioning accuracy of all axes	± 0,05 mm, ± 0,05 °
Dimensions (LxWxH) ²	5300 x 1200 x 1350 mm
Weight, approx. ²	3800 kg
Power requirement	26,0 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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