

TUBOTRON 90

CNC Tube Bending Machine for Tubes up to Ø 90 mm



Features / Equipment

- Programmable machine control
- Exposed bending head for maximum bending space
- Tube positioning in the pressure die area with tube resumption
- Hydraulic tube clamping with adjustable clamping pressure
- Following pressure die with adjustable hydraulic pressure
- Hydraulic and anticipated mandrel retraction
- Automatic minimal metred mandrel lubrication
- Interface for tediagnostic service (RS 232 / RS 485)
- Maximum tube length over mandrel 6000 mm

Options

- Pressure die assist with programmable hydraulic pressure

Technical Data	TUBOTRON 90
• Maximum tube diameter (OD)	90 mm
• Maximum bending radius (CLR) ¹	250 mm
• Effective bending angle	180 °
• Tube feed rate (max.)	420 mm/s
• Bending speed (max.)	43 °/s
• Tube rotation (max.)	90 °/s
• Axis accuracy	± 0,1 mm, ± 0,1 °
• Dimensions (LxWxH) ²	5300 x 1200 x 1350 mm
• Weight, approx. ²	3800 kg
• Operating voltage	400 V, 50 Hz, 3 phases
• Power requirement	26,0 kW

¹ depends on tube OD

² at minimal tube length over mandrel

Subject to technical alteration • 2005-12



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