

TUBOTRON 170

CNC Tube Bending Machine for Tubes up to Ø 170 mm



Features / Equipment

- Programmable machine control
- Tube positioning in the pressure die area with tube resumption
- Hydraulic tube clamping with programmable clamping pressure and distance control
- Following pressure die with programmable hydraulic pressure and distance control
- Hydraulic and anticipated mandrel retraction
- Automatic minimal metred mandrel lubrication
- Interface for telediagnostic service (RS 232 / RS 485)

Options

- Pressure die assist with programmable hydraulic pressure
- Quick-change system for bending tools
- Booster facility

Technical Data	TUBOTRON 170
• Maximum tube diameter (OD)	170 mm
• Maximum bending radius (CLR) ¹	510 mm
• Effective bending angle	180 °
• Tube feed rate (max.)	410 mm/s
• Bending speed (max.)	11,5 °/s
• Tube rotation (max.)	50 °/s
• Axis accuracy	± 0,1 mm, ± 0,1 °
• Dimensions (LxWxH) ²	9500 x 2500 x 1500 mm
• Weight, approx. ²	16000 kg
• Operating voltage	400 V, 50 Hz, 3 phases
• Power requirement	50,0 kW

¹ depends on tube OD

² at minimal tube length over mandrel

Subject to technical alteration • 2005-12



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