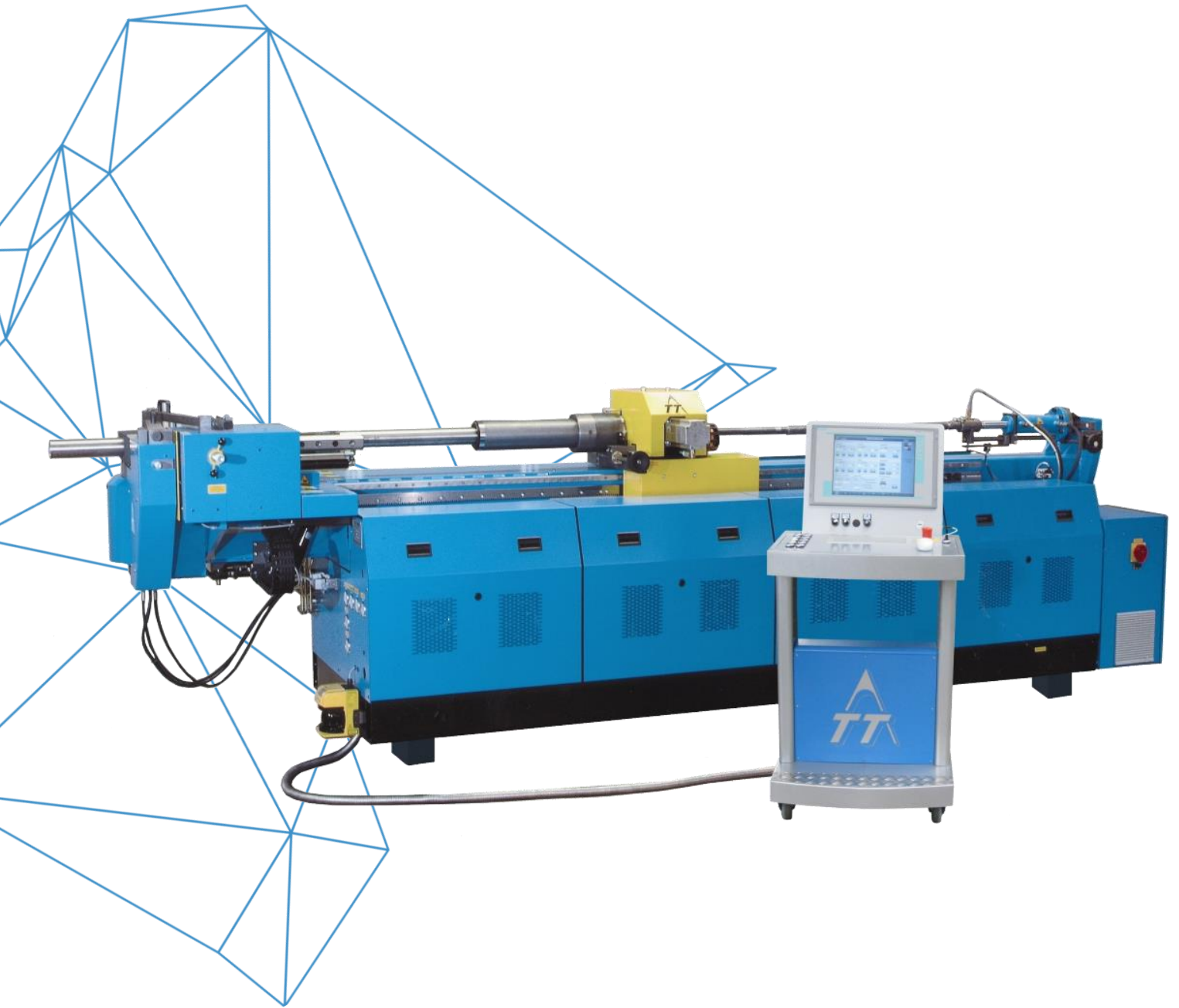




PIPE BENDING SYSTEMS | simply smart.

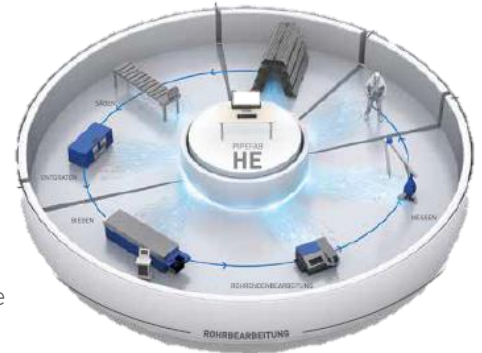


TUBOTRON 90

CNC PIPE BENDING MACHINE

BASIC EQUIPMENT / FEATURES

- Free-standing bending head for maximum bending space
- Programmable sequence control with menu-based user guidance via SIMATIC OP or SIMATIC PC on mobile control panel
- Bending axis hydraulically driven
- Pipe clamping hydraulic, clamping force programmable
- Pressure die adjustment hydraulic (mechanical fine adjustment)
- Pressure die moving (linear guiding, pressure force programmable)
- Pipe feed and rotation servo-electric
- Long-neck chuck hydraulic, for positioning of the tube in the pressure die area, incl. restart function
- Foot switch for the hydraulic chuck
- Bending mandrel extraction hydraulic, advance solution programmable
- Automatic minimum mandrel lubrication
- Pipe and mandrel support
- Interface for remote diagnosis of machine control
- Oil cooler



ADDITIONAL EQUIPMENT / ACCESSORIES

- Anti-buckling system for the mandrel rod
- PIPEFAB HE pipe bending software

TECHNICAL DATA

| | TUBOTRON 90 | TUBOTRON 90 S |
|--|--------------------|--------------------|
| Maximum bending performance (steel pipe) | Ø 88,9 x 6,3 mm | Ø 104,0 x 3,0 mm |
| Maximum bending radius | 250 mm | 250 mm |
| Maximum bending speed | 43 °/s | 21 °/s |
| Positioning accuracy of the axes | ± 0,1 mm / ± 0,1 ° | ± 0,1 mm / ± 0,1 ° |
| Useful length, approx. | 3000/4500/6000 mm | 3000/4500/6000 mm |
| Weight, approx. ¹⁾ | 4600 kg | 4600 kg |
| Connected load | 26,0 kW | 26,0 kW |

¹⁾ In case of minimum feed length of the pipe

Photos, text and illustrations are subject to change.
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