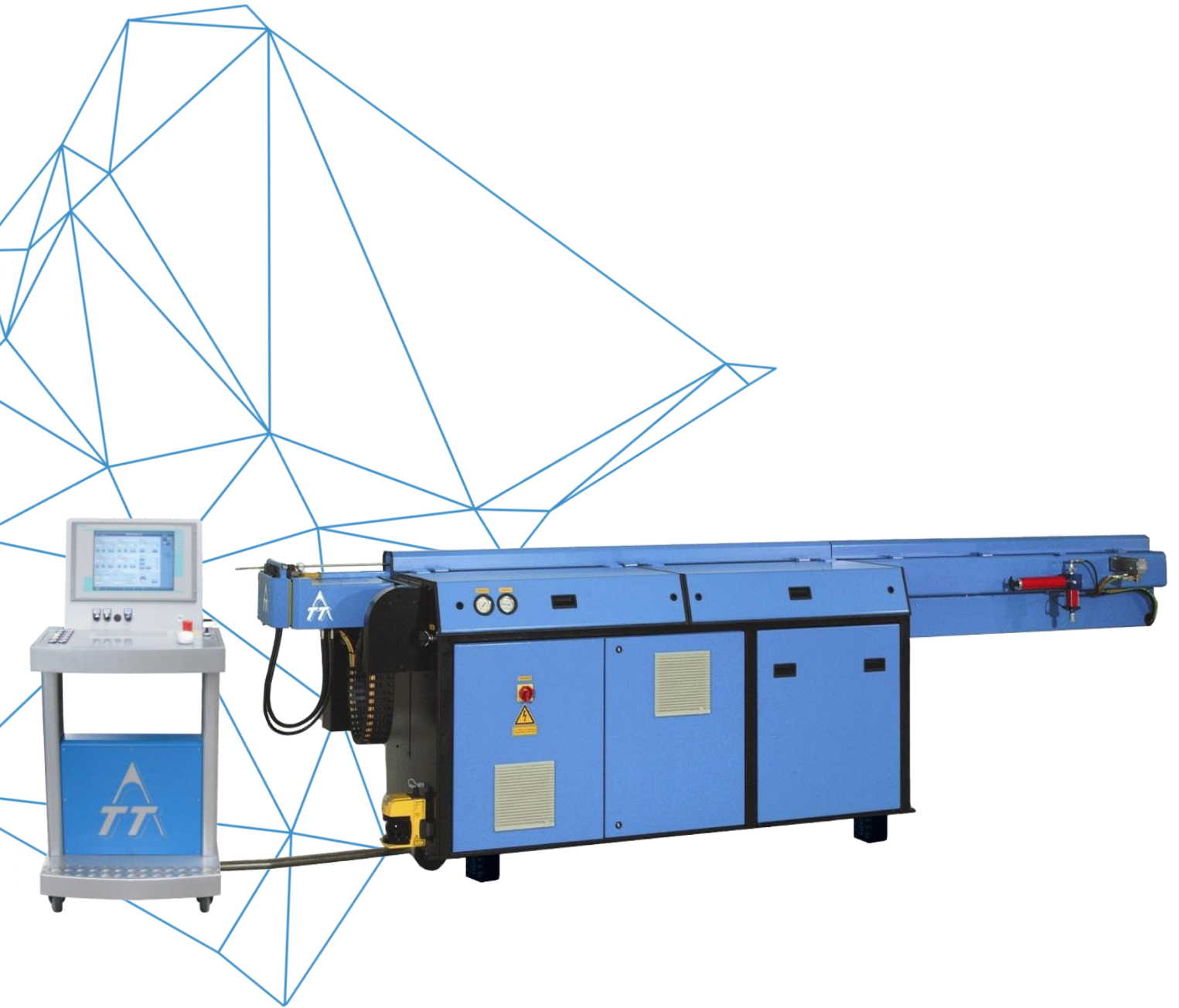




PIPE BENDING SYSTEMS | simply smart.

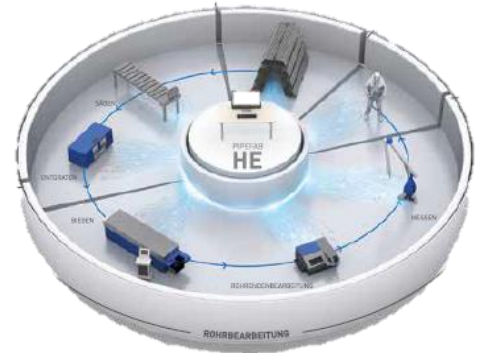


# TUBOTRON 20

## CNC PIPE BENDING MACHINES

## BASIC EQUIPMENT / FEATURES

- Compact and exposed bending head for maximum bending space
- Programmable sequence control with menu-driven user guidance via SIMATIC Touch PC on mobile control board
- Servo-electric bending drive
- Hydraulic pipe clamping (power programmable)
- Hydraulic pressure die positioning
- Servo-electric pipe feed and rotation
- Hydraulic long-neck collet chuck allows positioning for the pipe in the pressure die area, with pipe re-gripping functionality
- Foot switch for hydraulic collet chuck
- Hydraulic and anticipated mandrel retraction
- Automatic minimum quantity mandrel lubrication
- Pipe and mandrel support
- Interface for remote maintenance of the machine control
- Oil cooler



## ADDITIONAL EQUIPMENT / ACCESSORIES

- Follower-type pressure die (linear guiding)
- Anti-buckling system for the mandrel rod
- PIPEFAB BE pipe bending software



## TECHNISCHE DATEN

Maximum bending performance (steel pipe)	Ø 20,0 x 1,5 mm
Maximum bending radius	100 mm
Maximum bending speed	450°/s
Positioning accuracy of the axes	± 0,05 mm / ±0,05 °
Useful length, approx.	1500/3000/4500/6000 mm
Weight, approx. <sup>1)</sup>	1200 kg
Connected load	From 15,0 kW

<sup>1)</sup> In case of minimum feed length of the pipe