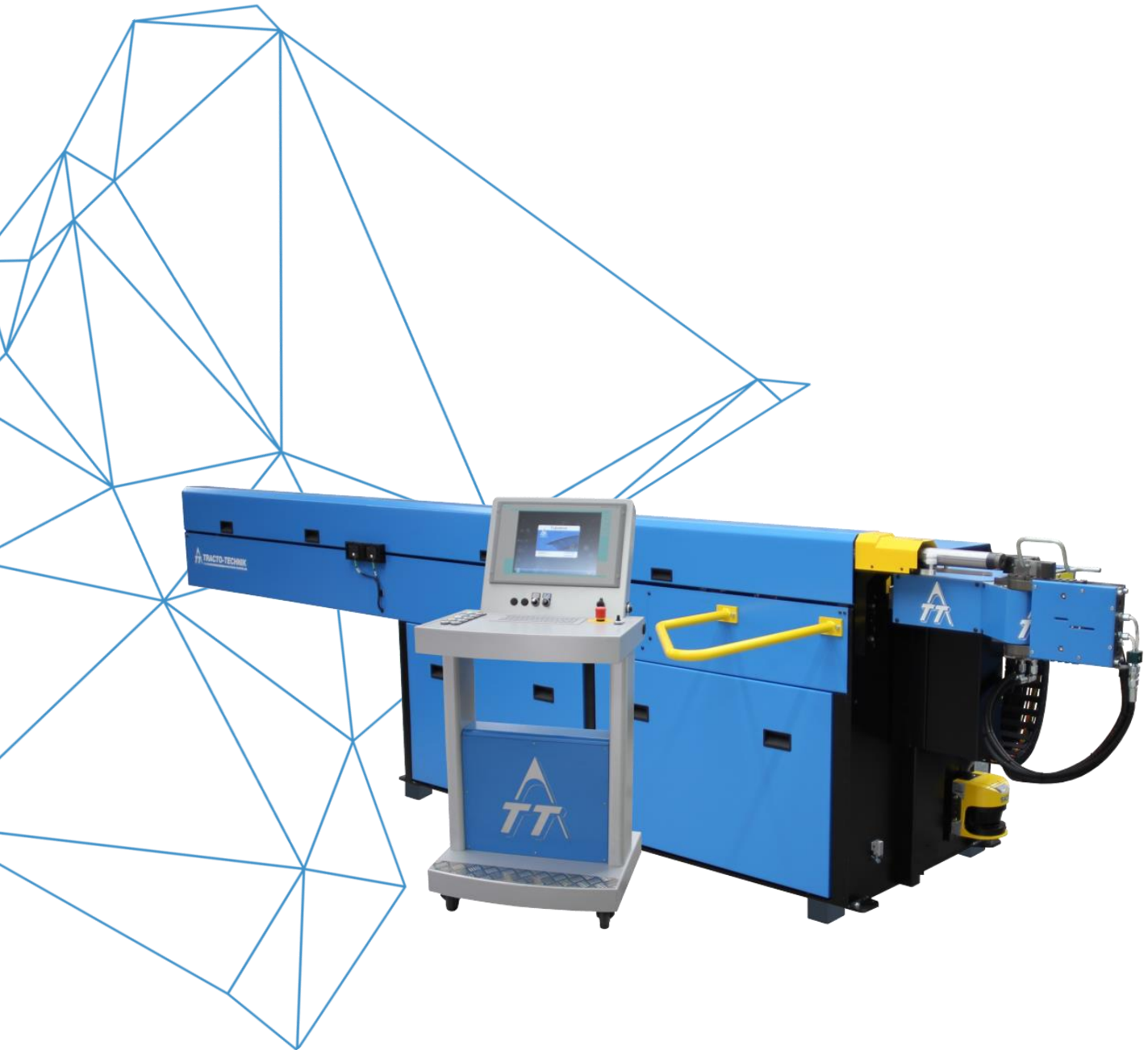




PIPE BENDING SYSTEMS | simply smart.

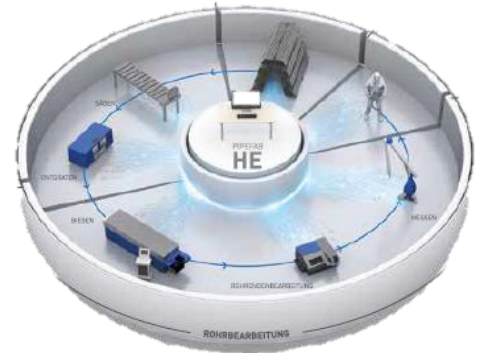


TUBOTRON 20 RL

CNC PIPE BENDING MACHINES

BASIC EQUIPMENT / FEATURES

- Compact and exposed bending head with servo-electric horizontal and vertical axes allows multi-radii bending (stack tooling) and right-and-left hand bending operations (top/bottom tooling)
- Programmable sequence control with menu-based user guidance via SIMATIC PC on mobile control panel
- Servo- electric bending drive
- Hydraulic pipe clamping (power and distance programmable)
- Hydraulic pressure die positioning (distance programmable)
- Servo-electric pipe feed and rotation
- Hydraulic long-neck collet chuck allows for 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. ¹⁾	1200 kg
Connected load	From 15,0 kW

¹⁾ In case of minimum feed length of the pipe