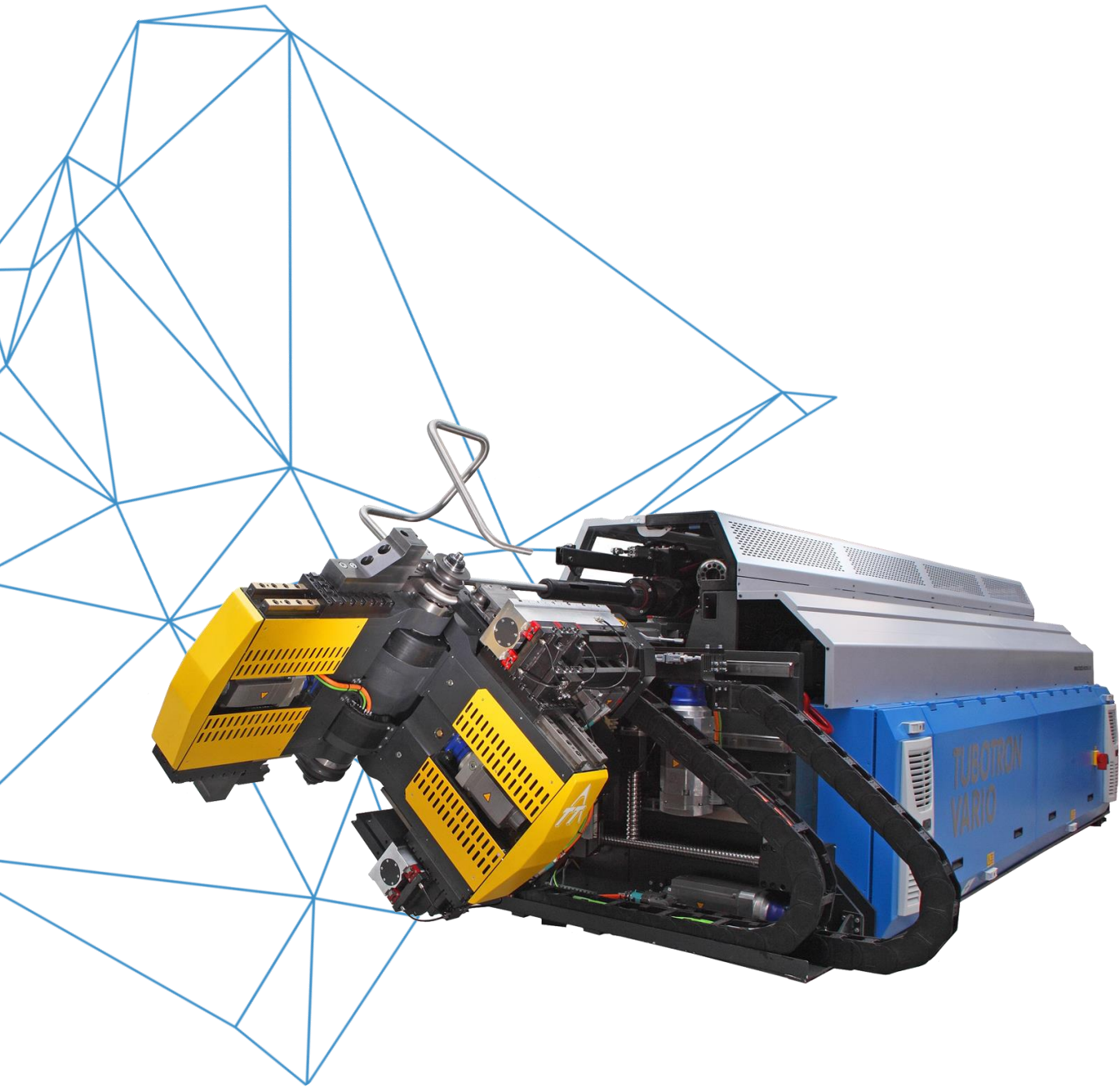




PIPE BENDING SYSTEMS | simply smart.

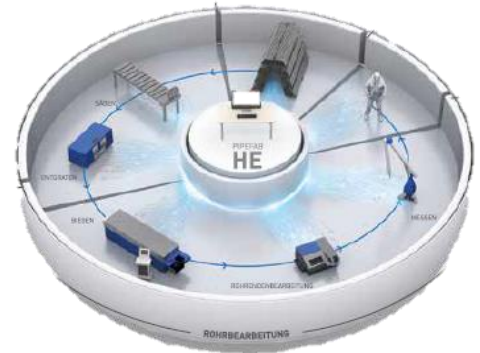


TUBOTRON VARIO 40 RL

CNC PIPE BENDING MACHINE

BASIC EQUIPMENT / FEATURES

- All-electric multi-radii CNC pipe bending machine with right-and-left hand bending capability
- Programmable sequence control with teach functionality and menu-driven user guidance via SIMATIC Touch PC
- Bending head with horizontal and vertical axes for mutli-radii bending as well as rotation axis for right-and-left hand bending functionality
- Servo-electric bending drive
- Servo-electric pipe feed and rotation, boost functionality allows freeform bending
- Servo-electric pipe clamping (power and distance programmable)
- Servo-electric pressure die positioning (power and distance programmable)
- Servo-electric long-neck collet chuck allows positioning of the pipe in the pressure die area, with pipe re-gripping functionality
- Servo-electric mandrel positioning, anticipated mandrel retraction programmable
- Automatic minimum quantity mandrel lubrication
- Anti-buckling system for mandrel rod
- Interface for remote maintance of the machine control



ADDITIONAL EQUIPMENT / ACCESSORIES

- Follower-type pressure die (linear guiding), with programmable pressure assist
- Centralized lubrication system
- PIPEFAB BE pipe bending software

TECHNICAL DATA

Maximum bending performance (steel pipe)	Ø 40,0 x 3,0 mm
Maximum bending radius	200 mm
Maximum bending speed	180°/s
Positioning accuracy of the axes	± 0,05 mm / ±0,05 °
Useful length, approx.	3000/4500/6000 mm
Weight, approx. ¹⁾	7200 kg
Connected load	45,0 kW

¹⁾ In case of minimum feed length of the pipe