CNC pipe bending machine

TUBOTRON 20 RL
Basic equipment and features

• Compact and exposed bending head with servo-electric horizontal and vertical axes allows for multi-radii bending (stack tooling) and right-and-left hand bending operations (top/bottom tooling)
• Programmable sequence control with teach functionality and menu-driven user guidance via SIMATIC Touch PC on mobile control board
• 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 of 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, options and accessories

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

Models

• Pipe length (over mandrel): 1500 mm / 3000 mm / 4500 mm / 6000 mm