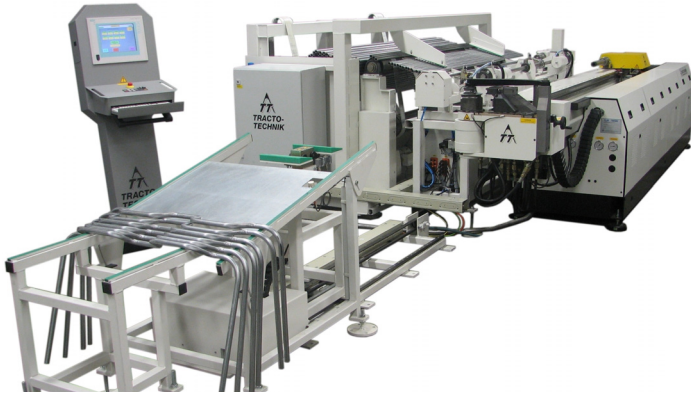


Tube loading & unloading systems

Practical applications / possibilities for the automation of the tube handling for CNC tube bending machines

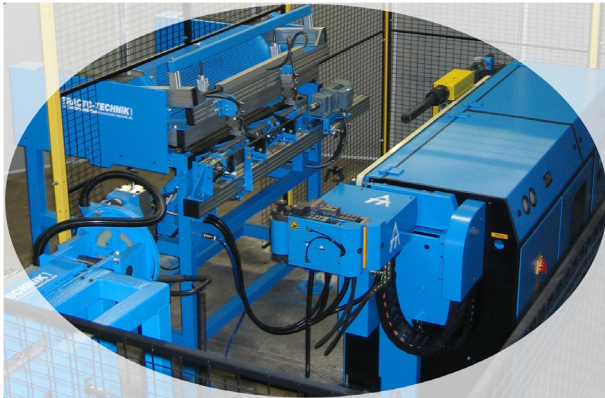


TUBOTRON 30 MR : CNC tube bending machine with multi-radii capability

- Large tube storage device
- Tube separation
- Welded seam detection system
- Precise tube alignment (length and rotation axis)
- Sideways tube loading into the bending machine
- Automatic bending of the tube figure
- Unloading and storage of the bent tube

TUBOTRON 30 : CNC tube bending machine

- Large tube storage device
- Tube separation
- Precise tube alignment (length axis)
- Tube loading from the front
- Automatic bending of the tube figure
- Unloading and storage of the bent tube



TUBOTRON 20 RL : CNC tube bending machine with right- and left-hand bending capability

- Large tube storage device
- Tube separation
- Welded seam detection system
- Precise tube alignment (length and rotation axis)
- Sideways tube loading into the bending machine
- Automatic bending of the tube figure
- Unloading and storage of the bent tube

Features / Options

- Individual adaptation of the tube loading/unloading system to the bending machine and the application
- Minimization of cycle times by means of automated tube handling
- Direct coupling of the handling system's control with the bending machine's control
- Almost no restrictions of the bending space



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PIPE FABRICATION

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