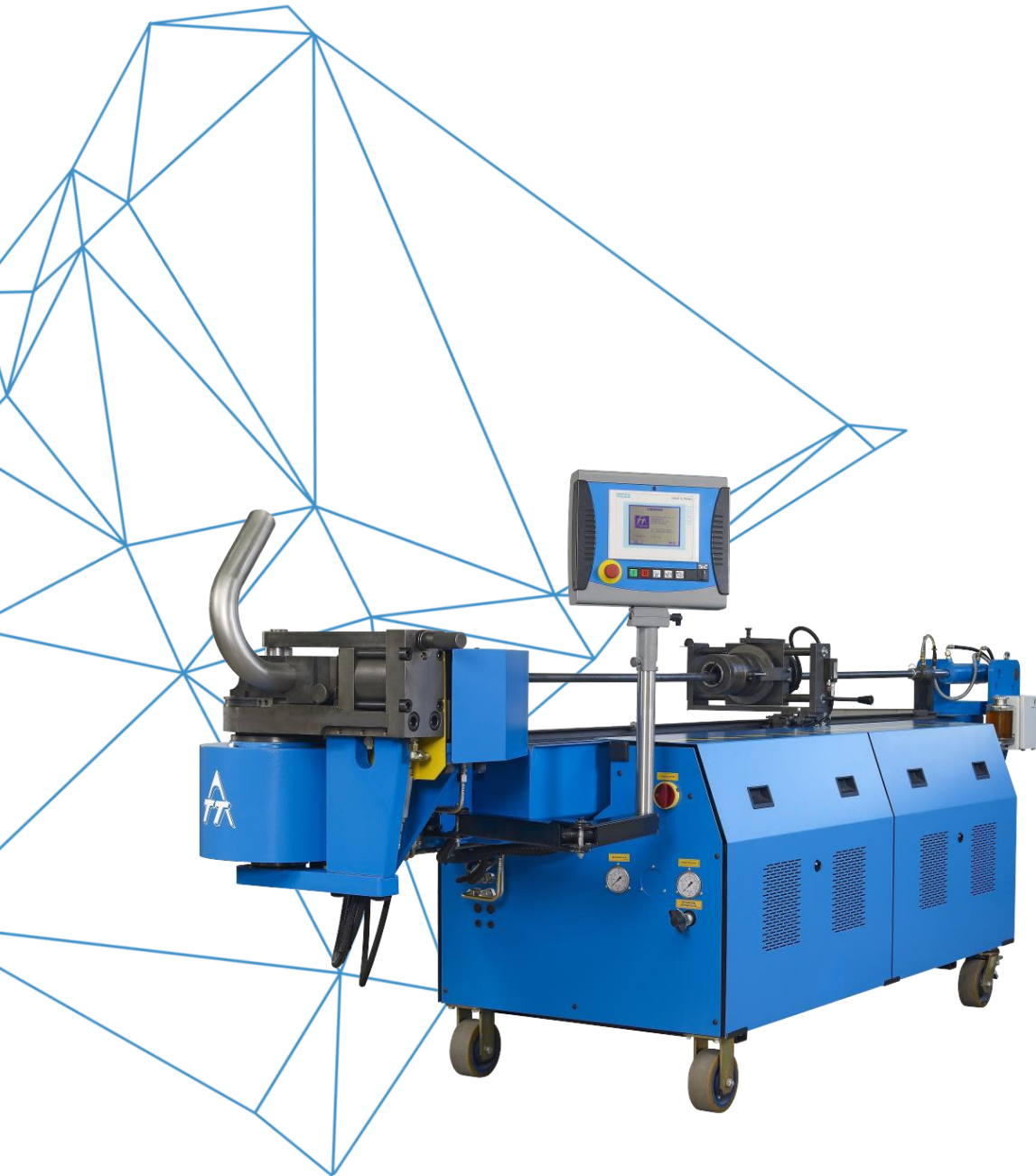




PIPE BENDING SYSTEMS | simply smart.



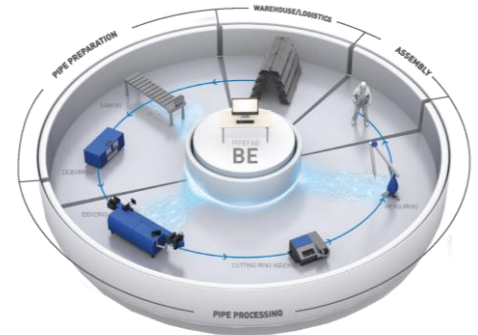
# **TUBOBEND 80**

SEMI-AUTOMATIC  
PIPE BENDING MACHINE



## BASIC EQUIPMENT / FEATURES

- Free-standing bending head for maximum bending space
- Electronic bending axis control via SIMATIC touch panel, with setpoint/actual value display, automatic angle changeover and memory for 100 bending programs
- Hydraulic pipe clamping, adjustable clamping pressure
- Pressure die adjustment hydraulic
- Pressure die device (sliding guide)
- Hydraulic bending mandrel extension
- Machine mobile and flexible



## ADDITIONAL EQUIPMENT / ACCESSORIES

- Positioning unit for length and rotation, incl. 3-jaw chuck.
- Mechanical quick-action chuck or hydraulic chuck
- Adjustable bending speed
- Pressure die device running with linear guide
- Pressure die device pressing down (only in combination with linear guide)
- Pressure die return automatic (only in combination with linear guide)
- 2-axis measuring system for length and rotation with position display
- Braking system for length and rotation positioning
- Advance solution for mandrel pull-out to optimize sheet quality
- Mandrel lubrication system
- Remote control or foot switch for bending axis and clamping
- Mobile control panel
- Interface for data import from PIPEFAB BE pipe bending software
- PIPEFAB BE tube bending software for installation on external PC
- Interface for remote maintenance of machine control via Internet (VPN)

## TECHNICAL DATA

Bending capability (steel pipe)	Ø 76,1 x 6,0 mm
Maximum bending radius	190 mm (Option: 250 mm)
Maximum bending speed	16°/s
Bending accuracy	± 0,1°
Useable length, approx.	3000/4500/6000 mm
Weight, approx. <sup>1)</sup>	1600 kg
Connected load	6,0 kW

<sup>1)</sup> At minimum pipe length over mandrel