

# NON MANDREL TB130



**MANUAL**  
 Operator friendly single bend cycle. Displays actual bend position and current machine load.



**AUTOMATIC**  
 Displays current program, information, programmed angle, bend sequence, distance to go & actual position.



**CLASS 3 SAFETY HAND-HELD REMOTE**  
 Controls bend, return & emergency stop functions



**SERVICES**  
 Gateway to all machine services. Select multiple languages, monitor and adjust machine settings, view detailed alarm information, reset emergency stop, set pressure die ON/OFF and troubleshoot machine functions.



**PROGRAM**  
 Select, enter and store program information, former radius, tube diameter, wall thickness and tube length.



**INTERACTIVE TOUCH SCREEN**  
 with USB stick

## FEATURES

- Ideal for producing consistent quality bends with large diameter pipe, tube, squares, rectangular, solids and other profiles
- Strong cast iron design matched with high precision planetary reducer insures quality, repeatable bends for years to come
- Interactive PLC touch screen control offers easy access to auto and manual operating modes, programming, system diagnostics and multiple language capability
- Programmable bend angles 0° to 180° - up to 12 bends per program
- Independent springback compensation for each bend
- USB port for software updates and unlimited program storage
- Digital display of counter bend die axis and bend angle
- Hand-held remote control for bend, return and emergency stop functions
- Auto load sensing improves bend productivity while protecting machine components
- Bends to CLR as small as 2D\*
- No hydraulic components, reducing cost and improving bend accuracy
- Patented quick-change tooling system with multiple radii available
- Electrical components UL, CSA and CE approved
- Industrial CONTROL TECHNIQUES inverter

\* Depending of material and thickness

## TECHNICAL DATA

Flection Modulus	80 cm <sup>3</sup>
Minimum Outside Diameter	10 mm - 1/8" Gas
Maximum Shaft Speed	0 - 0.75 rpm
Maximum Center Line Radius (CLR)	700 mm
Minimum Center Line Radius (CLR)	36 mm
Power	3.5 kW
Voltage Requirement	400 V 3PH / 50 - 60 Hz
Weight	400 Kg
Dimensions (L x W x H)	850 x 850 x 1200 mm

	MAXIMUM CAPACITY	TB130
	Gas tubes	4" Gas x 8.56
	Standard Steel tubes	127 x 7.1 mm
	Furniture tubes	127 x 7.1 mm
	Hydraulic Steel ST35	100 x 11 mm
	Stainless Steel AISI 304 - 316	114.3 x 5.6 mm
	Stainless Steel AISI 308 (food industry)	114.3 x 5.6 mm
	Soft Brass	139.7 x 8.8 mm
	Hard Copper & Aluminium	139.7 x 8.8 mm
	Soft Copper	139.7 x 8.8 mm
	Conduit tubes	120 x 9 mm
	Mepla, Geberit and similar tubes	120 x 6.5 mm
	Mild Steel (EN: S275JO)	90 mm
	Mild Steel (EN: S275JO)	100 x 50 mm
	Mild Steel (EN: S275JO)	120 x 60 x 9 mm
	Mild Steel (EN: S275JO)	90 x 90 x 10 mm
	Mild Steel (EN: S275JO)	75 x 75 mm
	Mild Steel (EN: S275JO)	100 x 100 x 10 mm
	Mild Steel (EN: S275JO)	100 x 100 x 10 mm

MAXIMUM CAPACITIES AND MINIMUM RADII ARE INDICATIVE AND NOT BINDING