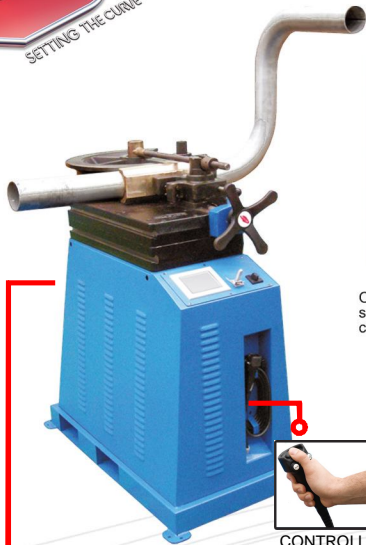


# NON MANDREL TB100



**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.



**MAIN SCREEN**



**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.



**CONTROLLO REMOTO MANUALE**  
SICUREZZA CLASSE 3  
Controlla la curvatura, ritorno e funzione arresto d'emergenza



**TOUCH SCREEN INTERATTIVO con USB**

## 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

<b>Flection Modulus</b>	42 cm <sup>3</sup>
<b>Minimum Outside Diameter</b>	10 mm - 1/8" Gas
<b>Maximum Shaft Speed</b>	0 - 1.3 rpm
<b>Maximum Center Line Radius (CLR)</b>	400 mm
<b>Minimum Center Line Radius (CLR)</b>	36 mm
<b>Power</b>	2.5 kW
<b>Voltage Requirement</b>	400 V 3PH / 50 - 60 Hz
<b>Weight</b>	290 Kg
<b>Dimensions (L x W x H)</b>	500 x 850 x 1200 mm

	<b>MAXIMUM CAPACITY</b>	<b>TB100</b>
	<b>Gas tubes</b>	3"1/2 Gas x 5.74
	<b>Standard Steel tubes</b>	100 x 6 mm
	<b>Furniture tubes</b>	100 x 6 mm
	<b>Hydraulic Steel ST35</b>	100 x 7.5 mm
	<b>Stainless Steel AISI 304 - 316</b>	100 x 3.6 mm
	<b>Stainless Steel AISI 308 (food industry)</b>	100 x 3.6 mm
	<b>Soft Brass</b>	114.3 x 6.3 mm
	<b>Hard Copper &amp; Aluminium</b>	114.3 x 6.3 mm
	<b>Soft Copper</b>	114.3 x 6.3 mm
	<b>Conduit tubes</b>	110 x 6 mm
	<b>Mepla, Geberit and similar tubes</b>	100 x 5 mm
	<b>Mild Steel (EN: S275JO)</b>	70 mm
	<b>Mild Steel (EN: S275JO)</b>	80 x 40 mm
	<b>Mild Steel (EN: S275JO)</b>	100 x 60 x 4 mm
	<b>Mild Steel (EN: S275JO)</b>	90 x 90 x 4 mm
	<b>Mild Steel (EN: S275JO)</b>	60 x 60 mm
	<b>Mild Steel (EN: S275JO)</b>	90 x 90 x 6 mm
	<b>Mild Steel (EN: S275JO)</b>	90 x 90 x 6 mm

MAXIMUM CAPACITIES AND MINIMUM RADII ARE INDICATIVE AND NOT BINDING