

COUNTERBENDING DIE HYDRAULICALLY MOVED



INTERACTIVE TOUCH SCREEN with USB stick



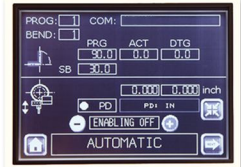
CLASS 3 SAFETY HAND-HELD REMOTE Controls bend, return & emergency stop functions



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



MAIN SCREEN



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



**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.

## 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
- Hydraulic counterbending die positioning system
- 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\*
- Patented quick-change tooling system with multiple radii available
- Electrical components UL, CSA and CE approved

\* Depending of material and thickness

## TECHNICAL DATA

<b>Flection Modulus</b>	146 cm <sup>3</sup>
<b>Minimum Outside Diameter</b>	10 mm - 1/8" Gas
<b>Maximum Shaft Speed</b>	1 rpm
<b>Maximum Center Line Radius (CLR)</b>	800 mm
<b>Minimum Center Line Radius (CLR)</b>	36 mm
<b>Power</b>	15 kW
<b>Voltage Requirement</b>	200 / 400 V 3PH / 50 - 60 Hz
<b>Weight</b>	2700 Kg
<b>Dimensions (L x W x H)</b>	1000 x 1475 x 1900 mm

	MAXIMUM CAPACITY	TB180
	Gas tubes	6" Gas x 7.11
	Standard Steel tubes	150 x 9 mm
	Furniture tubes	150 x 9 mm
	Hydraulic Steel ST35	168.3 x 8.5 mm
	Stainless Steel AISI 304 - 316	141.3 x 6.55 mm
	Stainless Steel AISI 308 (food industry)	141.3 x 6.55 mm
	Soft Brass	168.3 x 9 mm
	Hard Copper & Aluminium	168.3 x 9 mm
	Soft Copper	168.3 x 9 mm
	Conduit tubes	141.3 x 8 mm
	Mepla, Geberit and similar tubes	150 x 6 mm
	Mild Steel (EN: S275JO)	110 mm
	Mild Steel (EN: S275JO)	120 x 60 mm
	Mild Steel (EN: S275JO)	140 x 70 x 12 mm
	Mild Steel (EN: S275JO)	140 x 140 x 6 mm
	Mild Steel (EN: S275JO)	90 x 90 mm
	Mild Steel (EN: S275JO)	120 x 120 x 10 mm
	Mild Steel (EN: S275JO)	120 x 120 x 8 mm

MAXIMUM CAPACITIES AND MINIMUM RADII ARE INDICATIVE AND NOT BINDING