

COUNTERBENDING DIE HYDRAULICALLY MOVED



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



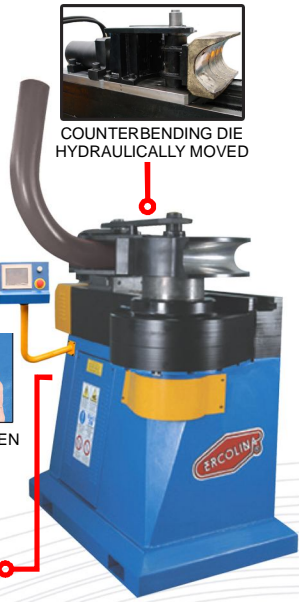
AUTOMATIC
Displays current program, information, programmed angle, bend sequence, distance to go & actual position.



INTERACTIVE TOUCH SCREEN
With USB stick



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



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.

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	TB180
Flexion Modulus	170 cm ³
Minimum Outside Diameter	25 mm - 3/4" Gas
Maximum Shaft Speed	0 - 1 rpm
Maximum Center Line Radius (CLR)	800 mm
Minimum Center Line Radius (CLR)	2 x Ø
Power	18 kW
Voltage Requirement	400 - 440 V 50 - 60 Hz
Shipping Weight	2700 Kg
Length	1900 mm
Width	1000 mm
Height	1475 mm

MAXIMUM CAPACITY	TB180
European Mild Steel Tube (S275JO - 1.0143 - Fe - Fe 430 C - ASTM A36)	168.2 x 7.11 mm 6" Sch. 40
American Mild Steel Tube (S235 - ASTM A53)	141.3 x 9.52 mm 5" Sch. 80
Stainless Steel Tube	141.30 x 6.55 mm 5" Sch. 40
European Mild Steel Solid Rod (FE42)	110
American Mild Steel Solid Rod (A53)	100
European Mild Steel Square Profile (FE42)	140 x 140 x 9.5

MAXIMUM CAPACITY	TB180
American Mild Steel Square Profile (A53)	130 x 130 x 6.5
European Mild Steel Rectangular Profile (Easy Way) (FE42)	120 x 140 x 9.5
American Mild Steel Rectangular Profile (Easy Way) (A53)	120 x 140 x 6.5
European Mild Steel Rectangular Profile (Hard Way) (FE42)	100 x 130 x 9
American Mild Steel Rectangular Profile (Hard Way) (A53)	100 x 130 x 9.5