



TB180

Rotary Draw Benders

Maximum Capacity Stainless Steel 141,3 x 6,55 mm



COUNTERBENDING DIE
HYDRAULICALLY MOVED



INTERACTIVE TOUCHSCREEN
WITH USB PORT FOR
PROGRAM STORAGE



HAND-HELD REMOTE CONTROL FOR
BEND/RETURN AND EMERGENCY
STOP FUNCTIONS

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

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Rotary Draw Benders > TopBender TB180



TECHNICAL DATA

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

MAXIMUM CAPACITY

	Material	Max Ø (mm)	Max Thick. (mm)
	Pipe	6" gas	7,11
	Mild steel tube	150	7,1
	Soft brass	168,3	9
	Stainles Steel AISI 308	141,3	6,55
	Stainless Steel AISI 304	141,3	6,55
	Welded tube for furniture	150	9
	ST35 Hydraulic tube	168,3	8,5
	Hard copper & Aluminium	168,3	9
	Round solids	110	NA
	Rectangular solids	120 x 60	NA
	Rectangular tube	140 x 70	12
	Square tube	140 x 140	6
	Solid square	90 x 90	NA
	Mild steel T	120 x 120	10
	Mild steel C	120 x 120	8

(*Based on materials with T.S. 42Kg/mm2(psi 60.000)- Y.P. 25 Kg mm2 (psi 36.000))

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by



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