



TB50T

Non Mandrel benders
Max capacity Stainless Steel 64 x 3 mm



machine kit + tooling

(former and counterbending die)*

Art.	MACHINE	TUBE	RADIUS	FORMERS
TB050TK2D	TB050T	Gas inches	2 x Ø	Ø 1/2" (21.30 mm), R46 Ø 3/4" (26.90 mm), R56 Ø 1" (33.70 mm), R67 Ø 1 1/4 (42.25 mm), R90 Ø 1 1/2 (48.25 mm), R100 Ø 2" (60.30 mm), R150

Art.	MACHINE	TUBE	RADIUS	FORMERS
TB050TK3D	TB050T	Gas inches	3 x Ø	Ø 1/2" (21.30 mm), R67 Ø 3/4" (26.90 mm), R82 Ø 1" (33.70 mm), R112 Ø 1 1/4 (42.25 mm), R130 Ø 1 1/2 (48.25 mm), R150 Ø 2" (60.30 mm), R190

Art.	MACHINE	TUBE	FORMERS
TB050TKOD	TB050T	OD inches	Ø 5/8" (15.88 mm), R46 Ø 7/8" (22.22 mm), R56 Ø 1" (28.40 mm), R67 Ø 1 1/4 (31.75 mm), R82 Ø 1 1/2 (38.10 mm), R100 Ø 2" (50.80 mm), R150

* Cast iron formers, brass counterbending dies.

FEATURES

- Mild steel tube capacity 60 x 3 mm
- 2" Gas inches (4 mm) capacity
- Square tube capacity 50 x 50 x 3 mm
- Maximum CLR 300 mm
- Simple control with programmable bend angle
- Material spring back compensation with readout
- Quick-change tooling system
- Double Bending Speed
- Accepts Ercolina's A40-P two axis positioning table for multiple and sequential bends
- Optional foot pedal control allows hands-free operation

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Non Mandrel Benders > TopBender TB050T



TECHNICAL DATA

Flection Modulus	10 cm ³
Minimum Outside Diameter	10 mm - 1/8" Gas
Maximum Shaft Speed	1.3 rpm
Maximum Center Line Radius (CLR)	300 mm
Minimum Center Line Radius (CLR)	10 mm
Power	1.5 kW
Voltage Requirement	220 - 400 V 3PH/50-60Hz
Weight	130 Kgs
Dimensions (LxHxW)	363 x 900 x 595 mm

MAXIMUM CAPACITY

	Material	Max Ø (mm)	Max Thick. (mm)
	Pipe	2" gas	4
	Round tube	60	3
	Soft brass	60	4
	INOX AISI 308	60	4
	INOX AISI 304	64	3
	Welded tube for furniture	60	4
	ST35 hydraulic tube	64	4
	Hard copper & Aluminum	64	4
	Round solids	35	NA
	Rectangular solids	10 x 60	NA
	Rectangular tube	25 X 50	3
	Square tube	50 x 50	3
	Solid square	30 x 30	NA
	Mild steel T	50 x 50	6
	Mild steel C channel	40 x 20	6

capacities based on materials with T.S. 42 Kg/mm² (psi 60.000) Y.P. 25 Kg/mm² (psi 36.000)

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by



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