

TOPBENDER TB050



● — Tube Bender without mandrel — ●

MODELS

Art. Ref.	Description	Phase
TB 050T	Topbender TB050	Three

KIT MACHINE + TOOLING (Former & Counterbending Die)*

Art.	Machine	Tube	Radius	Formers
TB 050T K2D	TB 050T	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

* Formers in cast iron, counterbending dies in brass.

Art.	Machine	Tube	Radius	Formers
TB 050T K3D	TB 050T	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

* Formers in cast iron, counterbending dies in brass.

Art.	Machine	Tube	Formers
TB 050T KOD	TB 050T	OD inches	Ø 5/8" (15.88 mm), R46 Ø 7/8" (22.22 mm), R56 Ø 1" (25.40 mm), R67 Ø 1 1/4" (31.75 mm), R82 Ø 1 1/2" (38.10 mm), R100 Ø 2" (50.80 mm), R150

* Formers in cast iron, counterbending dies in brass.



art. TB050T

TECHNICAL DATA

Description	TB050T
Bending Radii**	10 + 300 mm
Max Rotation Angle	210°
Max Bending Speed	1.25 & 2.5 rpm
Control	Electronic with Microprocessor
Number of Programs	30 x 9 Bends Each
Overload System Control	Yes
Voltage*	Three Phase 220 / 400 V
Motor	1.5 kW
Noise Level (machine operating)	< 70 dB
Upper Machine Body	Aluminium Alloy
Lower Machine Mainframe	Welded Steel
Foot-switch Control	Yes
Dimensions (w x h x l)	363 x 900 x 595 mm
Weight	130 kg

* Other voltages available upon request.

** Special models for bending radii up to 500 mm (extended model) and up to 850 mm ("flipper" model) available upon request.

MAXIMUM CAPACITY

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

Section	Material	Max Ø x wall thickness (mm)
○	Gas tubes	2" Gas x 4
○	Standard Steel tubes	60 x 3
○	Furniture tubes	60 x 4
○	Hydraulic Steel ST35	64 x 4
○	Stainless Steel AISI 304 - 316	64 x 3
○	Stainless Steel AISI 308 (food industry)	60 x 4
○	Soft Brass	60 x 4
○	Hard Copper & Aluminium	64 x 4
○	Soft Copper	64 x 4
○	Conduit tubes	60 x 4
○	Mepla, Geberit and similar tubes	50 x 4
●	Mild Steel (EN: S275JO)	35
■	Mild Steel (EN: S275JO)	10 x 60
□	Mild Steel (EN: S275JO)	25 x 50 x 3
□	Mild Steel (EN: S275JO)	50 x 50 x 3
■	Mild Steel (EN: S275JO)	30 x 30
┌	Mild Steel (EN: S275JO)	50 x 50 x 6
└	Mild Steel (EN: S275JO)	40 x 20 x 6

For dimensions in inches, see conversion table on page 97.

