

TOPBENDER TB60



● — Tube Bender without mandrel — ●

MODELS

Art. Ref.	Description	Phase
TB 60T	Topbender TB60	Three

KIT MACHINE + TOOLING (Former & Counterbending Die)*

Art.	Machine	Tube	Radius	Formers
TB60T K2D	TB 60T	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
TB60T K3D	TB 60T	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
TB60T KOD	TB 60T	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			

* Formers in cast iron, counterbending dies in brass.



art. TB60T

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 4
○	Furniture tubes	60 x 4
○	Hydraulic Steel ST35	64 x 5
○	Stainless Steel AISI 304 - 316	64 x 3
○	Stainless Steel AISI 308 (food industry)	60 x 3
○	Soft Brass	60 x 6
○	Hard Copper & Aluminium	64 x 6
○	Soft Copper	64 x 6
○	Conduit tubes	63 x 4
○	Mepla, Geberit and similar tubes	50 x 4
●	Mild Steel (EN: S275JO)	35
■	Mild Steel (EN: S275JO)	14 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.

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

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.

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.

TOPBENDER TB050EDT



● — Tube Bender without mandrel — ●

MODELS

Art. Ref.	Description	Phase
TB 050EDT	Topbender TB050EDT	Three

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.



art. TB050EDT

TECHNICAL DATA

Description	TB050EDT
Bending Radii	10 + 300 mm
Max Rotation Angle	210°
Max Bending Speed	1.3 rpm
Control	Basic Electronic Card
Number of Programs	1
Overload System Control	Yes
Voltage*	Three Phase 220 / 400 V
Motor	1.5 kW
Noise Level (machine operating)	-
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

MACHINE EQUIPMENT (Former & Counterbending Die)*

Ø, "Gas	Radius, mm
1 1/4" (31.75 mm)	90

* Former in cast iron, counterbending die in brass.

