

# SUPERBENDER SB48



● — Tube Bender without mandrel — ●



art. SB48M - SB48T

## MODELS

Art. Ref.	Description	Phase
SB 48M	Superbender SB48	Single
SB 48T	Superbender SB48	Three

## KIT MACHINE + TOOLING (Former & Counterbending Die)\*

Art.	Machine	Tube	Radius	Formers
SB 48M K2D	SB 48M	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
SB 48T K2D	SB 48T	Gas inches	2 x Ø	Ø 1" (33.70 mm), R67 Ø 1 1/4 (42.25 mm), R90 Ø 1 1/2 (48.25 mm), R100

\* Formers in cast iron, counterbending dies in brass.

Art.	Machine	Tube	Radius	Formers
SB 48M K3D	SB 48M	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
SB 48T K3D	SB 48T	Gas inches	3 x Ø	Ø 1" (33.70 mm), R112 Ø 1 1/4 (42.25 mm), R130 Ø 1 1/2 (48.25 mm), R150

\* Formers in cast iron, counterbending dies in brass.

Art.	Machine	Tube	Formers
SB 48M KOD	SB 48M	OD inches	Ø 5/8" (15.88 mm), R46 Ø 7/8" (22.22 mm), R56 Ø 1" (25.40 mm), R67
SB 48T KOD	SB 48T	OD inches	Ø 1 1/4 (31.75 mm), R82 Ø 1 1/2 (38.10 mm), R100

\* Formers in cast iron, counterbending dies in brass.

## TECHNICAL DATA

Description	SB48M	SB48T
Bending Radii	10 + 300 mm	10 + 300 mm
Max Rotation Angle	210°	210°
Max Bending Speed	2 rpm	3 rpm
Control	Electronic with Microprocessor	Electronic with Microprocessor
Number of Programs	30 x 9 Bends Each	30 x 9 Bends Each
Overload System Control	Yes	Yes
Voltage*	Single Phase 110 / 220 V	Three Phase 220 / 400 V
Motor	1.5 kW	1.5 kW
Noise Level (machine operating)	< 70 dB	< 70 dB
Upper Machine Body	Aluminium Alloy	Aluminium Alloy
Lower Machine Mainframe	Welded Steel	Welded Steel
Foot-switch Control	Yes	Yes
Dimensions (w x h x l)	410 x 1000 x 570 mm	410 x 1000 x 570 mm
Weight	110 kg	110 kg

\* Other voltages available upon request

## MAXIMUM CAPACITY

Capacities based on materials with T.S. 42 Kg/mm<sup>2</sup> (psi 60.000) - Y.P. 25 Kg/mm<sup>2</sup> (psi 36.000)

Section	Material	Max Ø x wall thickness (mm)
○	Gas tubes	1 1/2 Gas x 3.68
○	Standard Steel tubes	48 x 3.5
○	Furniture tubes	54 x 1.5
○	Hydraulic Steel ST35	50 x 4
○	Stainless Steel AISI 304 - 316	50 x 3
○	Stainless Steel AISI 308 (food industry)	48 x 2.5
○	Soft Brass	60 x 3
○	Hard Copper & Aluminium	64 x 2
○	Soft Copper	64 x 2
○	Conduit tubes	60 x 2
○	Mepla, Geberit and similar tubes	50 x 4
●	Mild Steel (EN: S275JO)	32
■	Mild Steel (EN: S275JO)	8 x 48
□	Mild Steel (EN: S275JO)	20 x 40 x 3
□	Mild Steel (EN: S275JO)	40 x 40 x 3
■	Mild Steel (EN: S275JO)	30 x 30
┌	Mild Steel (EN: S275JO)	40 x 40 x 5
└	Mild Steel (EN: S275JO)	32 x 16 x 5

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

# SUPERBENDER SB060



● — Tube Bender without mandrel — ●



art. SB060M

## MODELS

Art. Ref.	Description	Phase
SB 060M	Superbender SB060	Single

## KIT MACHINE + TOOLING (Former & Counterbending Die)\*

Art.	Machine	Tube	Radius	Formers
SB 060M K2D	SB 060M	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
SB 060M K3D	SB 060M	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
SB 060M KOD	SB 060M	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

\* Formers in cast iron, counterbending dies in brass.

## TECHNICAL DATA

Description	SB060M
Bending Radii	10 + 300 mm
Max Rotation Angle	210°
Max Bending Speed	2.5 rpm
Control	Stable Speed and Bending Angle Controls
Number of Programs	1
Overload System Control	Yes
Voltage*	Single Phase 110 / 220 V
Motor	2.2 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)	260 x 900 x 600 mm
Weight	110 kg

\* Other voltages available upon request

## MAXIMUM CAPACITY

Capacities based on materials with T.S. 42 Kg/mm<sup>2</sup> (psi 60.000) - Y.P. 25 Kg/mm<sup>2</sup> (psi 36.000)

Section	Material	Max Ø x wall thickness (mm)
○	Gas tubes	1 1/2 Gas x 3.68
○	Standard Steel tubes	48 x 3.5
○	Furniture tubes	54 x 1.5
○	Hydraulic Steel ST35	50 x 4
○	Stainless Steel AISI 304 - 316	50 x 3
○	Stainless Steel AISI 308 (food industry)	48 x 2.5
○	Soft Brass	60 x 3
○	Hard Copper & Aluminium	64 x 2
○	Soft Copper	64 x 2
○	Conduit tubes	60 x 2
○	Mepla, Geberit and similar tubes	50 x 4
●	Mild Steel (EN: S275JO)	32
■	Mild Steel (EN: S275JO)	8 x 48
□	Mild Steel (EN: S275JO)	20 x 40 x 3
□	Mild Steel (EN: S275JO)	40 x 40 x 3
■	Mild Steel (EN: S275JO)	30 x 30
┌	Mild Steel (EN: S275JO)	40 x 40 x 5
└	Mild Steel (EN: S275JO)	32 x 16 x 5

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

