

MEDIBENDER MB42



● — Tube Bender without mandrel — ●



art. MB42PM

art. MB42M - MB42T

MODELS

Art. Ref.	Description	Phase
MB 42M	Medibender MB42	Single
MB 42T	Medibender MB42	Three
MB 42PM	Medibender MB42 portable	Single

KIT MACHINE + TOOLING (Former & Counterbending Die*)

Art.	Machine	Tube	Radius	Formers
MB 42M K2D	MB 42M	Gas inches	2 x Ø	Ø 1/2" (21.30 mm), R46
MB 42T K2D	MB 42T	Gas inches	2 x Ø	Ø 3/4" (26.90 mm), R56
MB 42PM K2D	MB 42PM	Gas inches	2 x Ø	Ø 1" (33.70 mm), R67
				Ø 1 1/4" (42.25 mm), R90

* Formers in cast iron, counterbending dies in brass.

Art.	Machine	Tube	Radius	Formers
MB 42M K3D	MB 42M	Gas inches	3 x Ø	Ø 1/2" (21.30 mm), R56
MB 42T K3D	MB 42T	Gas inches	3 x Ø	Ø 3/4" (26.90 mm), R67
MB 42PM K3D	MB 42PM	Gas inches	3 x Ø	Ø 1" (33.70 mm), R90
				Ø 1 1/4" (42.25 mm), R112

* Formers in cast iron, counterbending dies in brass.

Art.	Machine	Tube	Formers
MB 42M KOD	MB 42M	OD inches	Ø 5/8" (15.88 mm), R46
MB 42T KOD	MB 42T	OD inches	Ø 7/8" (22.22 mm), R56
MB 42PM KOD	MB 42PM	OD inches	Ø 1" (25.40 mm), R67
			Ø 1 1/4" (31.75 mm), R82

* Formers in cast iron, counterbending dies in brass.

TECHNICAL DATA

Description	MB42M / MB42PM	MB42T
Bending Radii	10 + 260 mm	10 + 260 mm
Max Rotation Angle	210°	210°
Max Bending Speed	2 rpm	4 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	1.1 kW	1.1 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 360 x 500 x 460 mm	410 x 1000 x 570 mm
Weight	80 kg / 50 kg	80 kg

* Other voltages 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)

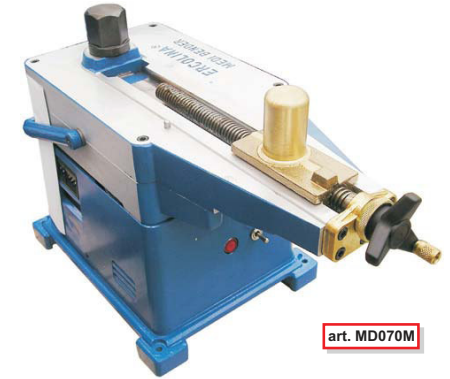
Section	Material	Max Ø x wall thickness (mm)
○	Gas tubes	1 1/4 Gas x 3.5
○	Standard Steel tubes	42 x 3
○	Furniture tubes	48 x 1.5
○	Hydraulic Steel ST35	42 x 4
○	Stainless Steel AISI 304 - 316	42 x 3
○	Stainless Steel AISI 308 (food industry)	42 x 2.5
○	Soft Brass	50 x 3
○	Hard Copper & Aluminium	54 x 2
○	Soft Copper	60 x 2
○	Conduit tubes	60 x 2
○	Mepla, Geberit and similar tubes	50 x 4
●	Mild Steel (EN: S275JO)	30
■	Mild Steel (EN: S275JO)	7 x 42
□	Mild Steel (EN: S275JO)	18 x 35 x 2
□	Mild Steel (EN: S275JO)	35 x 35 x 3
■	Mild Steel (EN: S275JO)	25 x 25
┌	Mild Steel (EN: S275JO)	35 x 35 x 5
└	Mild Steel (EN: S275JO)	28 x 14 x 5

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

MEDIBENDER MD070



● — Tube Bender without mandrel — ●



art. MD070M

MODELS

Art. Ref.	Description	Phase
MD 070M	Medibender MD070	Single

KIT MACHINE + TOOLING (Former & Counterbending Die*)

Art.	Machine	Tube	Formers
MD 070M KGS	MD 070M	Gas inches	Ø 1/2" (21.30 mm), R46
			Ø 3/4" (26.90 mm), R56
			Ø 1" (33.70 mm), R82

* Formers in cast iron, counterbending dies in brass.

Art.	Machine	Tube	Formers
MD 070M KOD	MD 070M	OD inches	Ø 5/8" (15.88 mm), R46
			Ø 7/8" (22.22 mm), R56
			Ø 1" (25.40 mm), R67

* Formers in cast iron, counterbending dies in brass.

SPECIAL MODELS

Art.	Description
MD 071M	Faster model - Same features as art. MD070M Footswitch control (art. P050H) not included Used for bending radii < 36 mm.

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	1" Gas x 3.4
○	Standard Steel tubes	38 x 1.5
○	Furniture tubes	38 x 1.5
○	Hydraulic Steel ST35	35 x 3
○	Stainless Steel AISI 304 - 316	30 x 2
○	Stainless Steel AISI 308 (food industry)	35 x 1.5
○	Soft Brass	42 x 1.5
○	Hard Copper & Aluminium	42 x 1.5
○	Soft Copper	50 x 2
○	Conduit tubes	50 x 2
○	Mepla, Geberit and similar tubes	50 x 4
●	Mild Steel (EN: S275JO)	20
■	Mild Steel (EN: S275JO)	10 x 25
□	Mild Steel (EN: S275JO)	15 x 25 x 3
□	Mild Steel (EN: S275JO)	25 x 25 x 3
■	Mild Steel (EN: S275JO)	20 x 20
┌	Mild Steel (EN: S275JO)	30 x 30 x 5
└	Mild Steel (EN: S275JO)	30 x 15 x 5

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

TECHNICAL DATA

Description	MD070M
Bending Radii	36 + 190 mm
Max Rotation Angle	210°
Max Bending Speed	2.8 rpm
Control	Bending Angle Digital Setting 0° + 180°
Number of Programs	1
Overload System Control	Yes
Voltage*	Single Phase 110 / 220 V
Motor	900 W
Noise Level (machine operating)	-
Upper Machine Body	Aluminium Alloy
Lower Machine Mainframe	Aluminium
Foot-switch Control	Yes
Dimensions (w x h x l)	245 x 300 x 320 mm
Weight	23 kg

* Other voltages available upon request

