

# MINIBENDER MN092



● — Tube Bender without mandrel — ●

## MODELS

Art. Ref.	Description	Phase
MN 092M	Minibender MN092	Single

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

Art.	Machine	Tube	Formers
MN 092M KMM	MN 092M	Millimeter	Ø 12, R36 - Ø 14, R40 Ø 16, R46 - Ø 18, R56 Ø 22, R67 - Ø 28, R96

\* Formers in aluminium, counterbending dies in polymer and brass.

Art.	Machine	Tube	Formers
MN 092M KME	MN 092M	Millimeter	Ø 15, R46 - Ø 18, R56 Ø 22, R67 - Ø 28, R112

\* Formers in aluminium, counterbending dies in polymer and brass.

Art.	Machine	Tube	Formers
MN 092M KMG	MN 092M	Mepla, Geberit and similar	Ø 15, R46 - Ø 20, R67 Ø 26, R82 - Ø 32, R112 Ø 40, R160 - Ø 50, R170

\* Formers in aluminium, counterbending dies in brass.

Art.	Machine	Tube	Formers
MN 092M KOD	MN 092M	OD inches	Ø 1/2" (12.70 mm), R40 Ø 3/4" (19.05 mm), R67 Ø 1" (25.40 mm), R82 Ø 1 1/8" (28.58 mm), R112

\* Formers in aluminium, counterbending dies in polymer and brass.



## TECHNICAL DATA

Description	MN092M
Bending Radii	10 ÷ 190 mm
Max Rotation Angle	210°
Max Bending Speed	2 rpm
Control	Electronic with Microprocessor
Number of Programs	3
Overload System Control	Yes
Voltage*	Single Phase 110 / 220 V
Motor	800 W
Noise Level (machine operating)	-
Upper Machine Body	Aluminium Alloy
Lower Machine Mainframe	Aluminium
Foot-switch Control	No
Dimensions (w x h x l)	200 x 105 x 360 mm
Weight	15 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	3/4" Gas x 2.9
○	Standard Steel tubes	27 x 2.3
○	Furniture tubes	28 x 2.5
○	Hydraulic Steel ST35	28 x 1.5
○	Stainless Steel AISI 304 - 316	28 x 1.5
○	Stainless Steel AISI 308 (food industry)	28 x 1.5
○	Soft Brass	28 x 2
○	Hard Copper & Aluminium	28 x 1.5
○	Soft Copper	35 x 1.3
○	Conduit tubes	42 x 2
○	Mepla, Geberit and similar tubes	50 x 4
●	Mild Steel (EN: S275JO)	16
■	Mild Steel (EN: S275JO)	-
□	Mild Steel (EN: S275JO)	-
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■	Mild Steel (EN: S275JO)	-
┌	Mild Steel (EN: S275JO)	-
└	Mild Steel (EN: S275JO)	-

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

