

MEGABENDER MG76



● — Tube Bender without mandrel — ●



MODELS

Art. Ref.	Description	Phase
MG 76T	Megabender MG76	Three

KIT MACHINE + TOOLING (Former & Counterbending Die)*

Art.	Machine	Tube	Radius	Formers
MG 76T K2D	MG76T	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
MG 76T K3D	MG76T	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
MG 76T K0D	MG76T	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.

TECHNICAL DATA

Description	MG76T
Bending Radii**	10 + 380 mm
Max Rotation Angle	210°
Max Bending Speed	1 / 2 rpm
Control	Electronic with Microprocessor
Number of Programs	30 x 9 Bends Each
Overload System Control	Yes
Voltage*	Three Phase 220 / 400 V
Motor	3.5 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)	680 x 910 x 370 mm
Weight	193 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.



art. MG76T

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 1/2 Gas x 4
○	Standard Steel tubes	76 x 3
○	Furniture tubes	76 x 3
○	Hydraulic Steel ST35	70 x 5
○	Stainless Steel AISI 304 - 316	70 x 4
○	Stainless Steel AISI 308 (food industry)	76 x 1.6
○	Soft Brass	76 x 4
○	Hard Copper & Aluminium	76 x 6
○	Soft Copper	76 x 6
○	Conduit tubes	73 x 4
○	Mepla, Geberit and similar tubes	50 x 4
●	Mild Steel (EN: S275JO)	45
■	Mild Steel (EN: S275JO)	10 x 90
□	Mild Steel (EN: S275JO)	30 x 60 x 3
□	Mild Steel (EN: S275JO)	60 x 60 x 3
■	Mild Steel (EN: S275JO)	40 x 40
┌	Mild Steel (EN: S275JO)	60 x 60 x 6
└	Mild Steel (EN: S275JO)	50 x 20 x 6

* Capacity range from Ø 5 mm to Ø 76 mm with min radius 2 x Ø (depending on material quality, tube diameter and wall thickness). For dimensions in inches, see conversion table on page 97.

MEGABENDER MG030



● — Tube Bender without mandrel — ●



MODELS

Art. Ref.	Description	Phase
MG 030V2T*	Megabender MG030	Three
MG 030T	Megabender MG030	Three
MG 030M	Megabender MG030	Single

* Two speed model.

KIT MACHINE + TOOLING (Former & Counterbending Die)*

Art.	Machine	Tube	Radius	Formers
MG 030V2T K2D	MG 030V2T	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
MG 030T K2D	MG 030T	Gas inches	2 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
MG 030M K2D	MG 030M	Gas inches	2 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	Radius	Formers
MG 030V2T K3D	MG 030V2T	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
MG030T K3D	MG 030T	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
MG 030M K3D	MG 030M	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
MG 030V2T K0D	MG 030V2T	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
MG 030T K0D	MG 030T	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.

TECHNICAL DATA

Description	MG030V2T	MG030T / MG030M
Bending Radii**	10 + 380 mm	10 + 380 mm
Max Rotation Angle	210°	210°
Max Bending Speed	2 / 4 rpm	Variable
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*	Three Phase 220 / 400 V	Three Phase 220 / 400 V Single Phase 220 V
Motor	3.5 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)	680 x 910 x 370 mm	680 x 910 x 370 mm
Weight	186 kg	193 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.



art. MG030V2T / MG030T / MG030M

SPECIAL MODELS

Art.	Description
MG 030VT MG 030VM	Faster models (0.5 + 5 rpm) - Other features same as standard models.

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 1/2 Gas x 4
○	Standard Steel tubes	76 x 3
○	Furniture tubes	76 x 3
○	Hydraulic Steel ST35	70 x 5
○	Stainless Steel AISI 304 - 316	70 x 4
○	Stainless Steel AISI 308 (food industry)	76 x 1.6
○	Soft Brass	76 x 4
○	Hard Copper & Aluminium	76 x 6
○	Soft Copper	76 x 6
○	Conduit tubes	73 x 4
○	Mepla, Geberit and similar tubes	50 x 4
●	Mild Steel (EN: S275JO)	45
■	Mild Steel (EN: S275JO)	10 x 90
□	Mild Steel (EN: S275JO)	30 x 60 x 3
□	Mild Steel (EN: S275JO)	60 x 60 x 3
■	Mild Steel (EN: S275JO)	40 x 40
┌	Mild Steel (EN: S275JO)	60 x 60 x 6
└	Mild Steel (EN: S275JO)	50 x 20 x 6

* Capacity range from Ø 5 mm to Ø 76 mm with min radius 2 x Ø (depending on material quality, tube diameter and wall thickness). Bending capacity of faster models art. MG030VM / MG030VT may be lower. For dimensions in inches, see conversion table on page 97.

