

MEGABENDER MG030 WITH MANDREL



● — Mandrel Bender — ●

MODELS

Art.	Phase	Inverter	Working Length
MG030V2T-A3/H76*	Three	-	3 m**
MG030T-A3/H76-C	Three	✓	3 m**
MG030M-A3/H76	Single	-	3 m**

* Two speed model.
 ** On request extension table 3 m (10 ft) long with 6 m (20 ft) total working length.
 Note: Machines supplied without oil.



PATENTED

art. MG030V2T-A3/H76
 MG030T-A3/H76-C
 MG030M-A3/H76

TECHNICAL FEATURES

- ✓ Soft touch control panel integrated in the machine body
- ✓ Multifunctional menu for programming bend angles, mandrel pre-extraction and internal tube lubrication
- ✓ One axis control for former rotation
- ✓ Length and rotation positioning of the mandrel chuck are carried out manually by using standard adjustable mechanical stops or by high precision digital display
- ✓ Reinforced mandrel arm with extended shaft for higher rigidity
- ✓ High quality bends even with thin wall thicknesses and tight radii
- ✓ The drive unit can be used as a non mandrel or a mandrel bender with the only use of the mandrel attachment
- ✓ Very robust cast iron tooling for higher rigidity and bending accuracy
- ✓ Variable speed using inverter system
- ✓ Easy installation and low maintainance



MEGABENDER MG030 WITH MANDREL



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 thickness (mm)
○	Boiler tubes	48.26 x 3.68 (1 1/2 Gas x 3.68)
○	Standard Steel tubes	50 x 3
○	Furniture tubes	50 x 3
○	Hydraulic Steel ST35	50 x 3
○	Stainless Steel AISI 304 - 316	50 x 2
○	Stainless Steel AISI 308 (food industry)	50 x 3
○	Soft Brass	64 x 4
○	Conduit tubes	50 x 3
○	Aluminium T6 6060	64 x 4
○	Semi Raw Copper / CUNI	64 x 4
⊗	Mild Steel (EN: S275JO)	50 x 25 x 4 (along X) 50 x 25 x 4 (along Y)
□	Mild Steel (EN: S275JO)	45 x 45 x 3

Capacity range from Ø 10 mm to Ø 64 mm with min radius 2 x Ø (depending on material quality, tube diameter and wall thickness). For higher wall thickness, special feasibility study is requested. For dimensions in inches, see conversion table on page 97.

TECHNICAL DATA

Description	MG030V2T / MG030T / MG030M with mandrel
Min Bending Radius	2 x Outside Diameter
Max Bending Radius	200 mm
Max Bending Angle	180°
Bend Direction	Counterclockwise
Speed	2 / 4 rpm (three phase) Variable (single phase)
Control	Microprocessor with Multi-functional Menu System
Number of Programs	30 x 9 Bends Each
Mandrel Pre-extraction	Yes
Weight (Drive Unit + Mandrel Device)	3 m: 600 Kg; 6 m: 700 Kg
Weight (Mandrel Device only)	3 m: 250 Kg; 6 m: 350 Kg

● — ACCESSORIES FOR MEGABENDER MG030 WITH MANDREL — ●

For all accessories supplied with MG030 with mandrel, see MG030 non mandrel accessories on pages 34 - 35.

