

# MEGABENDER MG030 WITH MANDREL

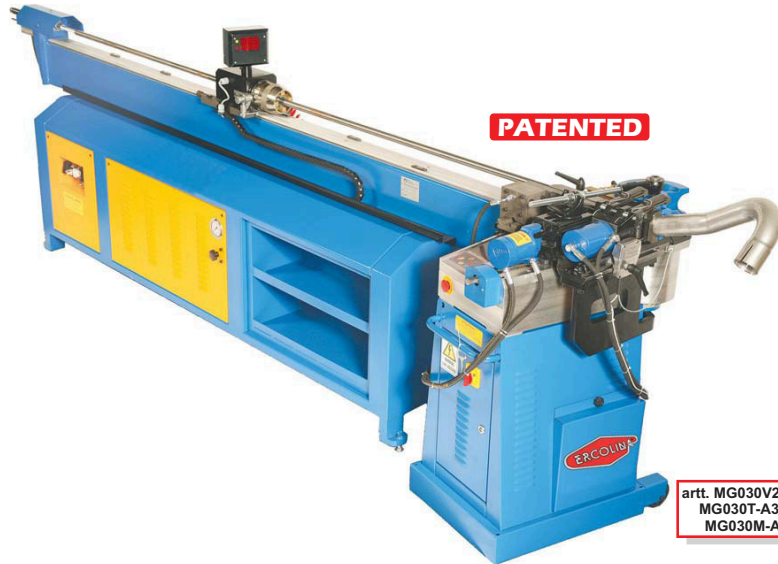


Mandrel Bender

## 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



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## 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 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.

