



Leabourn & Rose Ltd

Heavy Machine Tools

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MG030

NC MANDREL BENDER

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

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.

