



Leabourn & Rose Ltd

Heavy Machine Tools

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EB76 CNC

CNC MANDREL BENDER

TECHNICAL DATA

Description	EB 76 CNC3
Maximum bending radius*	300 mm
Minimum bending radius* (with standard mandrel)	1.5 x Ø
Maximum shaft rotation	210°
Maximum bending angle	185°
Pass through mandrel chuck with automatic tube recapture function	Ø 81 mm
Length of compact pivoting head	1500 mm
Minimum internal distance between bends and work head	310 mm
3 Axis (YBC) CNC	C = 6/8 rpm Y = 0.8 m/s B = 15 rpm
Maximum hydraulic pressure	150 bar
Mandrel table (maximum length of tube to be bent)	4200 mm
Stroke of chuck (of one mandrel recapture)	3200 mm
Number of storable programs	110
Three phase Motor 400 V / 440 V at 50 / 60 Hz (other voltages on request)	20 kW (total)
Dimensions (L x w x h)	5200 x 1100 x 1300 mm
Weight	2200 Kg

* Depends on the diameter, wall thickness and type of material



MAXIMUM CAPACITY

	Max flexural modulus	Steel CE R= 42 kg/mm ²	20 cm ³
	Round tube	Steel CE R= 42 kg/mm ² Steel US R= 52 kg/mm ²	76.2 x 5 mm 76.2 x 3.8 mm
	Gas tube	Steel CE R= 42 kg/mm ² Steel US R= 52 kg/mm ²	2"½ sch 40 2" sch 80
	Stainless steel tube	R= 65 kg/mm ²	76.2 x 3 mm
	Copper aluminium	R= 30 kg/mm ²	76.2 x 8 mm
	Square tube	Steel CE R= 42 kg/mm ² Steel US R= 52 kg/mm ²	63.5 x 63.5 x 4.2 mm 63.5 x 63.5 x 3.2 mm
	Rect. tube easy way	Steel CE R= 42 kg/mm ² Steel US R= 52 kg/mm ²	50 x 63 x 7 mm 50 x 63 x 5 mm
	Rect. tube hard way	Steel CE R= 42 kg/mm ² Steel US R= 52 kg/mm ²	63 x 50 x 5.5 mm 63 x 50 x 4.2 mm