

Ercolina Erco Bender CNC EB76



Ercolina's Erco Bender EB76 CNC6 3 axis CNC mandrel machine has fully automatic linear and rotary motion control of carriage and mandrel.

Features

- 76.2 x 2 mm capacity
- 2" Gas inches (3.7 mm) capacity
- 50 x 50 x 3 mm square tube capacity
- Maximum bending radius 225
- Minimum bending radius 1.5 x Ø
- Automatic or manual bend sequencing
- Independent pressure and clamp die adjustment
- Programmable carriage movement for tight radii
- Standard right hand bending direction
- Interactive touch screen with auto and manual operating modes, system diagnostics and multiple language capability
- Programmable material springback settings for each bend angle
- Displays absolute (ABA) or incremental (INC) positioning with inch or metric readout
- Programs YBC or XYZ
- Y – Feeding Electric Servo
- B – Rotation Electric Servo
- C – Bending Hydraulic CNC

Technical Specification

MODEL	EB76 CNC
Maximum Bending Radius*	300mm
Minimum Bending Radius (with standard mandrel)	1.5 x Ø
Maximum Shaft Rotation	210°
Maximum Bending Angle	185°
Pass through mandrel chuck with auto tube recapture function	Ø 81 mm
Length fo compact pivoting head	1500mm
Minimum internal distance between bends and work head	310mm
	C = 6/8 rpm
3 Axis (YBC) CNC	Y= 0.8 m/s
	B= 15 rpm
Maximum Hydraulic Pressure	150 bar
Mandrel Table (maximum length of tube to be bent)	4200mm
Stroke of Chuck (of one mandrel recapture)	3200mm
Number of storable programmes	110
Three Phase Motor 400V / 440V at 50 / 6 Hz	20kW (total)
Width	1100mm
Height	1300mm
Length	5200mm
Weight	2200kg