



### FEATURES

- Easy change tooling for improved productivity
- Horizontal head motion for fast radius adjustment (X1 axis)
- Programmable pressure die and booster and mandrel (X2, Y2, Y3 axes)
- Bends to CLR as small as 1.5D
- Accepts large radii tooling: 300 mm, 12"
- Accepts 2 clamping technics: Ercolina's Patented (KST) clam shell or (FST) finger clamp system
- High power carriage for heavy tubes
- Flexible ogiva mandrel for maximum 1% tube ovalization (Ercolina's Patent)
- Precision encoder on each axis
- Linear ball bearing guides
- Accepts YBC, XYZ or isometric input values
- Automatic bending cycle selection and length recapture
- Intuitive 7.5" touch screen control
- USB port for unlimited program storage
- Tool and tube data
- Hand-held remote bending control (certified class 3 safety)
- All electrical components UL, CSA and CE approved

### TECHNICAL DATA

Description	GB90 CNC	
Flexion Modulus	30 cm <sup>3</sup>	
Maximum Outside Diameter	90 mm	3" 1/2 OD
Minimum Outside Diameter	-	-
Maximum Center Line Radius (CLR)	300 mm	12" OD
Minimum Center Line Radius (CLR)	40 mm	1" 1/2 OD
Power	6 kW	-
Hydraulic Oil Capacity	100 L	-
Noise Level	62 dB	-
Weight	2340 Kg (4 m) 2400 Kg (6 m)	5159 lbs (157") 5291 lbs (236")
Length	5500 mm (4 m) 7500 mm (6 m)	217" (157") 295" (236")
Width	1570 mm	62"
Height	1495 mm	59"

### MAXIMUM CAPACITY

Max flexural modulus	Steel CE R= 42 kg/mm <sup>2</sup>	30 cm <sup>3</sup>
Round tube	Steel CE R= 42 kg/mm <sup>2</sup>	90 x 5.5 mm
	Steel US R= 52 kg/mm <sup>2</sup>	90 x 4.2 mm
Gas tube	Steel CE R= 42 kg/mm <sup>2</sup>	3" sch 40
	Steel US R= 52 kg/mm <sup>2</sup>	2" 1/2 sch 80
Stainless steel tube	R= 65 kg/mm <sup>2</sup>	90 x 3.2 mm
Copper aluminium	R= 30 kg/mm <sup>2</sup>	90 x 8.3 mm
Square tube	Steel CE R= 42 kg/mm <sup>2</sup>	80 x 80 x 4 mm
	Steel US R= 52 kg/mm <sup>2</sup>	80 x 80 x 3 mm
Rect. tube easy way	Steel CE R= 42 kg/mm <sup>2</sup>	90 x 45 x 10 mm
	Steel US R= 52 kg/mm <sup>2</sup>	90 x 45 x 8 mm
Rect. tube hard way	Steel CE R= 42 kg/mm <sup>2</sup>	45 x 90 x 5.5 mm
	Steel US R= 52 kg/mm <sup>2</sup>	45 x 90 x 4 mm