



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: 400 mm, 16"
- High power carriage for heavy tubes
- Flexible ogiva mandrel for maximum 1% tube ovalization (Ercolina's Patent)
- Standard with Ercolina's patented (KST) clam shell clamp system
- 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	GB100 CNC	
Flexion Modulus	55 cm ³	
Maximum Outside Diameter	120 mm	4" 1/2 OD
Minimum Outside Diameter	-	-
Maximum Center Line Radius (CLR)	400 mm	15" OD
Minimum Center Line Radius (CLR)	40 mm	1" 1/2 OD
Power	6 kW	-
Hydraulic Oil Capacity	100 L	-
Noise Level	65 dB	-
Weight	2300 Kg (4 m) 2535 Kg (6 m)	5071 lbs (157") 5589 lbs (236")
Length	6300 mm (4 m) 8300 mm (6 m)	248" (157") 327" (236")
Width	1760 mm	69"
Height	1340 mm	53"

MAXIMUM CAPACITY

Max flexural modulus	Steel CE R= 42 kg/mm ²	55 cm ³
Round tube	Steel CE R= 42 kg/mm ²	120 x 5.3 mm
	Steel US R= 52 kg/mm ²	120 x 4.2 mm
Gas tube	Steel CE R= 42 kg/mm ²	4" sch 40
	Steel US R= 52 kg/mm ²	3" 1/2 sch 80
Stainless steel tube	R= 65 kg/mm ²	120 x 3.2 mm
Copper aluminium	R= 30 kg/mm ²	120 x 8 mm
Square tube	Steel CE R= 42 kg/mm ²	100 x 100 x 4.5 mm
	Steel US R= 52 kg/mm ²	100 x 100 x 3.2 mm
Rect. tube easy way	Steel CE R= 42 kg/mm ²	50 x 100 x 15 mm
	Steel US R= 52 kg/mm ²	50 x 100 x 12 mm
Rect. tube hard way	Steel CE R= 42 kg/mm ²	100 x 50 x 8 mm
	Steel US R= 52 kg/mm ²	100 x 50 x 6 mm