

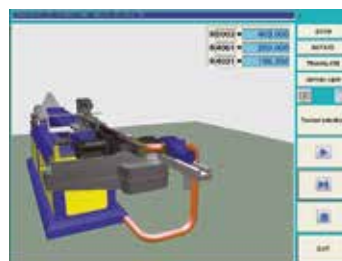
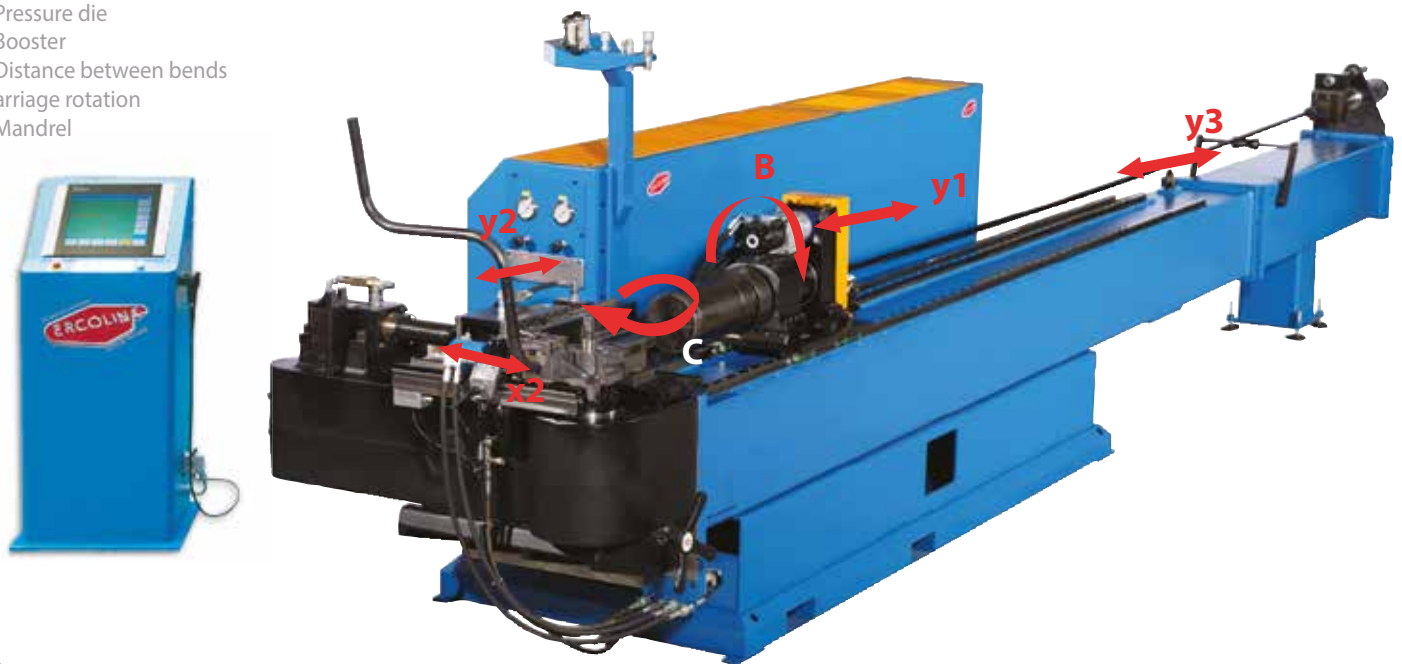
GB90 / GB100 SCNCV2

Mandrel benders

Maximum capacity Stainless Steel AISI 304: 120 x 3,2 mm (GB100)
88,2 x 3 mm (GB90)



C= Bending angle
X2= Pressure die
Y2= Booster
Y1= Distance between bends
B= Carriage rotation
Y3= Mandrel



Anticollision software function



3D Visualization

FEATURES

- Hydraulic CNC with robust structure
- Cast iron bending head for high resistance
- Easy tooling change for improved productivity
- Horizontal head motion for fast radius adjustment (X1 axis)
- Bends to CLR as small as 1,5 D
- Accepts large radii tooling: 400 mm, 16"
- High power carriage for heavy tubes
- Flexible ogiva mandrel for maximum 1% tube ovalization (Ercolina patent)
- Programmable pressure die, booster, and mandrel (X2, Y2, and Y3 axis)
- Ercolina patented clam shell clamp system (KST)
- Precision encoder on each axis
- Accepts YBC, XYZ or isometric input values
- Automatic bending cycle selection and lenght recapture
- Intuitive 17" touch screen control
- Unlimited program storage (USB PORT)

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Mandrel Benders > GigaBender GB90 / GB100 SCNCV2

TECHNICAL DATA

GB90 SCNCV2 GB100 SCNCV2

Flexion modulus	27 cm ³	56 cm ³
Max outside diameter	120 mm	120 mm
Max bending radius	300 mm	400 mm
Min bending radius	40 mm	40 mm
Max bend angle	195°	195°
Power	23 kW	23 kW
N° of stored programs	unlimited	unlimited
Bending speed	15° /s	7.6° /s
Noise level	63 dB	63 dB
Hydraulic oil tank capacity	200 l	200 l
Dimensions(LxLxH)	6200 x 1570 x 1485 mm	6200 x 1570 x 1485 mm
Weight	2800 Kg	3000 Kg




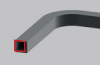
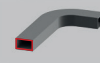



MAXIMUM CAPACITY

Material

Max Ø x Wall thickness (mm)

GB90 SCNCV2 GB100 SCNCV2

	Standard Steel tube	88,9x5	120x5,5
	Gas tube	2 1/2" sch 80	4" sch 40
	Stainless Steel AISI 304	88,2x3	120x3,2
	Square tube*	80x80 x 3	100x100 x 4,5
	Rectangular tube "easy way"	90x45 x 8	50x100 x 15
	Rectangular tube "hard way"	45x90 x 4	100x50 x 8

*with spacial clamp tool

Capacities based on materials with T.S. 42Kg/mm2(ksi 60.000)- Y.P. 25 Kg mm2 (psi 36.000)

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by



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