

TUBE BENDING MACHINERY



Langbow offer a wide range of new tube bending machines from Soco ranging from NC machines to multi axis CNC tube bending machines and automatic load and unload production cells. Langbow also provide Soco all electric machines and the versatile left and right hand bend head machine in both 32 mm and 52 mm capacity versions for more complex shapes and variable radius bending. Click on any of the tube bending machines below for full specifications.

MODEL: NC SERIES

The NC series tube benders equipped with NC control unit with a touch screen interface. It combines easy to use operation with high bending accuracy and cost effectiveness. It is the practical semi automatic solution for small to medium productions. Up to 9 programmable bends and 4 / 8 length stoppers.

FEATURES & FUNCTIONS

- NC control unit with Touch Screen
- Up to 9 programmable bends
- Easy operation interface and enable easy data input
- Large program capacity storage
- High bending accuracy up to $\pm 0.15^\circ$
- Self diagnosis & error messages on-screen display
- Hydraulic clamping with optional pressure die assist
- Suitable for various materials such as steel, stainless aluminum and copper
- 4 or 8 length stoppers (optional)

MODEL: NC SERIES



SPECIFICATION

**TUBE BENDING MACHINES
BENDING MACHINE TOOLING
TUBE FINISHING MACHINES
TUBE CUTTING MACHINES**

**5 Year
Guarantee
On All New Machines**

Specification \ Model	SB38NC	SB50NC	SB63NC	SB80NC	SB110NC	SB130NC	SB168NC
Mild Steel Capacity (mm) (CLR 1.5D)	Ø38.1 x 2.0t	Ø50.8 x 2.5t	Ø63.5 x 2.5t	Ø88.9 x 2.3t	Ø110 x 2.8t	Ø127 x 4.0t	Ø168 x 6.8t
Stainless Steel Capacity (mm) (CLR 1.5D)	Ø38.1 x 1.4t	Ø50.8 x 2.0t	Ø63.5 x 1.6t	Ø76.2 x 2.2t	Ø101.6 x 4.0t	Ø120 x 3.0t	Ø168 x 4.3t
Rectangular Steel Tube (mm) (CLR 2.5D)	38 x 25 x 2.0t	40 x 20 x 2.3t	60 x 30 x 3.2t	75 x 45 x 3.2t	76.2 x 76.2 x 2.2t	101.6 x 101.6 x 3.0t	127 x 127 x 6.8t
Max. Tube Length with Mandrel (mm) *	2180	2600	2600	2850	3600	5200	7000
Max. Bending Radius (mm) *	200	250	250	250	400	500	600
Max Bending Angle	185°	185°	185°	185°	190°	190°	190°
Number of bends per tube	9 Bends						
Gross Weight (Kg)	900	1400	1650	3150	7200	10000	16000
Machine Dimension (mm) (L x W x H)	2500 x 750 x 1020	3800 x 850 x 1030	3800 x 850 x 1030	3760 x 1960 x 1230	6400 x 1350 x 1500	7000 x 2150 x 1560	9750 x 2900 x 2600

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