

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: A SERIES

Equipped with 3 ~ 4 electric CNC axis, multiple bending stacks and the unique DGT technology, this line of SOCO tube benders can offer one of highest performance solutions available in the market.

FEATURES & FUNCTIONS

- 3 Electric Axis controlling bending, tube rotation and carriage movement
- Automatic bending head reversal (left-to-right) when reaching central clamping area, providing a fully automatic cycle for the entire bending process
- Optional Automatic Loading and Unloading Interface
- Centralized clamping and rotation and system for true simultaneous moving of all axis
- Lowest cycle times because of minimal number of moving parts
- Suitable for brake line tubing up to 4000mm (Optional 5000 mm)
- Unparalleled Speed: 35 seconds for 14 bends, 100 seconds for 40 bends

MODEL: A SERIES



SPECIFICATION

Specification \ Model	SB10x3A-1S SB10x3A-2S	SB19x3A-1S SB19x3A-2S	SB30x3A-1S SB30x3A-2S	SB39x3A-1S SB39x3A-2S
Max. Mild Steel Capacity (mm) (CLR1.5D)	Ø10.0x1.2t	Ø19.05x1.0t	Ø30.0x1.5t	Ø38.1x3.17t
Stainless Capacity (mm) (CLR 1.5D)	Ø10.0x0.9t	Ø16x1.0t	Ø25.4x1.2t	Ø38.1x2.2t
Max. Tube Length with Mandrel (mm)	1650	2300	2670	3000 (1S) 3850 (2S)
Max. Draw Bending Radius (mm)	60	80	120	180
Max. Bending Radius (R1-R2) (mm)	25 (2S)	30 (2S)	38	50 (2S)
Bending Accuracy	±0.1°	±0.1°	±0.1°	±0.1°
Rotation Accuracy	±0.1°	±0.1°	±0.1°	±0.1°
Feeding Accuracy (mm)	±0.1°	±0.1°	±0.1°	±0.1°
Gross Weight (Kg)	1000 (1S) 1100 (2S)	1400	1700	2650 (1S) 2850 (2S)

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

5 Year
Guarantee
On All New Machines



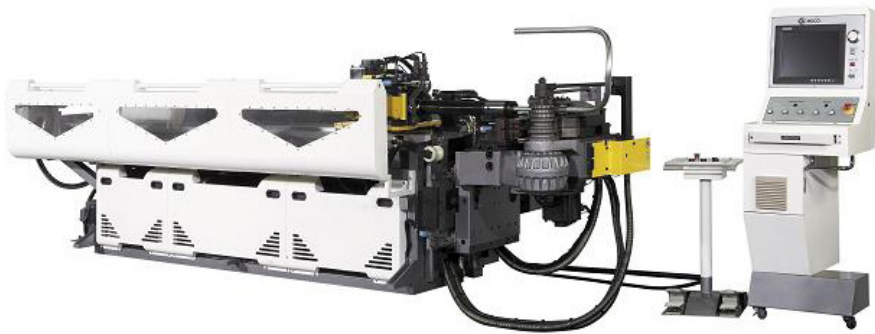
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MACHINERY FOR TUBE

LANGBOW LTD

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MODEL: A SERIES



SPECIFICATION CONT.

Specification \ Model	SB50x3A-1S SB50x3A-2S	SB63x3A-1S SB63x3A-2S	SB80x3A-1S SB80x3A-2S	SB90x3A-1S SB90x3A-2S
Max. Mild Steel Capacity (mm) (CLR1.5D)	Ø50.8x2.5t	Ø63.5x2.5t	Ø76.2x2.0t	Ø88.9x2.2t
Stainless Capacity (mm) (CLR 1.5D)	Ø50.8x1.9t	Ø63.5x1.9t	Ø76.2x1.5t	Ø88.9x1.5t
Max. Tube Length with Mandrel (mm)	3600 (1S) 3850 (2S/3S)	3850	4600	4600
Max. Draw Bending Radius (mm)	250	250	250	250
Max. Bending Radius (R1-R2) (mm)	75 (2S/3S)	75 (2S)	80	80 (2S)
Bending Accuracy	±0.1°	±0.1°	±0.1°	±0.1°
Rotation Accuracy	±0.1°	±0.1°	±0.1°	±0.1°
Feeding Accuracy (mm)	±0.1°	±0.1°	±0.1°	±0.1°
Gross Weight (Kg)	3500 (1S) 4000 (2S)	4200 (1S) 5000 (2S)	9000 (1S) 9500 (2S)	10000 (1S) 10500 (2S)

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