

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: PT SERIES

The PT line of Booster Benders is specially used in the production of manifolds and converter inlet pipes within the automotive exhaust system, where the wall thinning ratio must be controlled to ensure that the tube can withstand the high pressure of the system.

FEATURES & FUNCTIONS

- Booster benders capable of bending radius of 1xOD and controlling wall thinning during the bending process
- All electric bender models available (12 Electric Axis)
- Electric or Hydraulic Proportional Servo Bending
- Boosting power from 3 Tons ~ 22 Tons
- Enables wall thinning rate down to 15% ~ 20% in 1D Bending
- On electric benders, this line uses SOCO patented DGT (Direct Gear Transmission) for maximum bending efficiency and precision, minimizing transmission points of interference
- 2C - SOCO DBS Cutting System (Double Blade Shearing) - Option for full automation and minimal curving deformation, as well the smallest cutting radius to minimize waste between bends (Optional)
- Standard with 4 ~ 12 Servo controlled axis
- May use from 1 ~ 6 bending stacks applicable for complex, bend in bend parts
- May use stackable, multiple pressure dies of single pressure die system (patented - 10 ~ 12 axis model)
- Short / last bend boosting system for parts that are bent close to the interference zones

MODEL: PT SERIES



FEATURES & FUNCTIONS CONT.

- Clutch (Automatic Transmission) Feeding System, enabling shifting between high speed and high torque (boosting) for highest bending efficiency
- May program up to 4 different parts for bending + cutting the same tube
- May use internal or external collet system (Optional)
- IB - Interface Zone Booster for short pieces (Optional)

RANGE

66mm Range	80mm Range
SB-66x4A-3S-PT (+2C)	SB-80x7A-MR-PT (+2C)
SB-66x7A-MR-PT (+2C)	SB-80x10A-MR-PT (+2C)
	SB-80x12A-MR-PT (+2C)
90mm Range	130mm Range
SB-90x10A-MR-PT (+2C)	SB-130x7B-2S-PT
SB-90x10A-MR-PT (+2C)	SB-130x8B-3S-PT

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

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