



Complete
Solution for
Tube and Pipe

SB-Oil Tube Master

The Brake Line Bender



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The SOCO SB-Oil Tube master is a dedicated CNC Brake Line bender, designed for small tubing, especially Bundy Tubes and hydraulic lines. With multiple electric axes and a unique design to allow bending the most complex shapes and parts, it offers the most advanced solution and performance in its range.

Automation

- 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

Performance

- Centralized clamping and rotation 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 4000 mm (Optional 5000 mm)
- Unparalleled Speed:
 - 35 seconds for 14 bends
 - 100 seconds for 40 bends

Maximum Working Area = Minimal Interference

- No interference with machine bed
- No conventional bending arm
- No pressure die and wiper die seat interferences
- Central clamping and rotation away from bending zone
- Overmode (Arm Return Mode) capabilities

Software

- May program up to 49 bends per part, with on-screen 3D part display
- Data entry for both XYZ and YBC coordinates
- Overmode (Arm Return Mode) offers flexibility to offset each bend and avoid bending interferences.
- Integrated Automatic Bending Compensation and Reverse Engineering of bends when connected to CMM Measuring systems
- Connection to Local Area Network (LAN) (Optional)



| Specifications / Model | SB-Oil Tube Master |
|------------------------------------|---------------------|
| Max. Mild Steel Capacity (mm) | Ø8 x 0.7t x CLR3.0D |
| Max.Tube Length (mm) (*) | 4000 |
| Bending Radius (mm) | 15 ~ 35(CLR) |
| Max. Bending Angle | 160° |
| Numbers of Bend Per Tube (*) | 49 |
| Gross Weight (Kg) | 1000 |
| Machine Dimension (mm) (LxWxH) | 4900 x 1150 x 1450 |

(*) May be extended upon request

Due to continuous improvements and designs, the manufacturer reserves the right to modify or make any changes of all models without notice.



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