SB-Oil Tube Master
The Brake Line Bender
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 Axes 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 tool interferences
- Central clamping and rotation away from bending zone
- Overmode (Arm Return Model) 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 Model) 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)

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**Specifications / Model**

<table>
<thead>
<tr>
<th>Specification</th>
<th>SB-Oil Tube Master</th>
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<tbody>
<tr>
<td>Max. Mild Steel Capacity (mm)</td>
<td>Ø8 x 0.7 x CLR3.0D</td>
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<tr>
<td>Max. Tube Length (mm) (*)</td>
<td>4000</td>
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<tr>
<td>Bending Radius (mm)</td>
<td>15 ~ 35 (CLR)</td>
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<tr>
<td>Max. Bending Angle</td>
<td>160°</td>
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<tr>
<td>Numbers of Bend Per Tube (*)</td>
<td>49</td>
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<tr>
<td>Gross Weight (Kg)</td>
<td>3500</td>
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<tr>
<td>Machine Dimension (mm) (LxWxH)</td>
<td>4900 x 1150 x 1450</td>
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(*) May be extended upon request

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

**SOCO MACHINERY CO., LTD.**

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