



Complete Solutions for
Tube and Pipe

ALL ELECTRIC LEFT & RIGHT TUBE BENDER

7-10 Electric Axis

Worldwide Patent – DGT

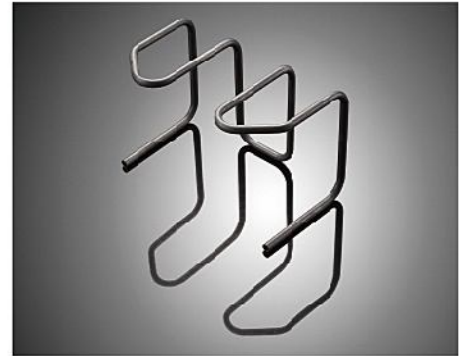


Left & Right Tube Bender

All Electric 7-10 Axis

The new SOCO CNC Tube Bender combines Draw + Roll + Dual Direction Bending Way technology. This line is especially suitable for complex parts and shapes, such as automotive exhaust pipe, health care and fitness equipment. It equipped with 7 ~ 10 electric CNC axes, 2+2 bending stacks and uses SOCO's unique DGT technology (Direct Gear Transmission).

It may also be optionally provided with Automatic Loaders (AF / AFM / ROBOTS) and Automatic Unloaders (AUL / ROBOTS) for full automation. This series tube bender can offer one of highest performance solutions available in the market.



SB-52X10A-2S-V-U

(Options: Robot, Bundle Magazine and Conveyor Unloader)



all electric



Intelligent Interface

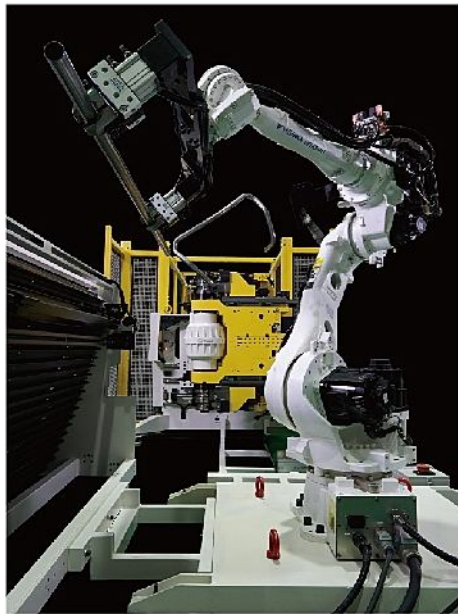


Direct Gear Transmission

This CNC tube bender series is features an all electric tube benders which is equipped with Left + Right Bending Technology for maximum flexibility and minimal interference, with capacity up to O.D. 50.8 mm



SB-32X7A-2S-V-U



Robots (Optional)



Auto Loader Seam Detector (Optional)



Punching (Optional)



Machine Features

- Left + Right bending capabilities in the same cycle
- All Electric (7 ~ 10 Electric Servo Control Axis)
- DGT technology – Gear Transmission Bending for Highest Speed and Accuracy
- Easy Programming – Setup a part in the same way as a single directional bend
- Automatic mandrel lubrication
- Touch Screen with IPC (Industrial PC)
- Multi-stacks + Multi-Radius
- Options :
 1. Automatic Loaders (AF / AFM / ROBOTS)
 2. Automatic Unloaders (AUL / ROBOTS)
 3. Seam Detectors
 4. Punching
 5. Bundle Magazine

| Specifications / Model | SB-32X7A-2S-V-U SB-32X9A-2S-V-U | SB-52X10A-2S-V-U |
|--|------------------------------------|-------------------------|
| Max. Mild Steel Capacity (mm) (CLR 1.5D) | Ø32.0 X 1.6t | Ø50.8 X 2.0t |
| Max. Stainless Capacity (mm) (CLR 1.5D) | Ø30.0 x 1.0t | Ø42.7 x 1.65t |
| Max. Roll Bending Capacity (mm) | CLR6.0D | CLR7.0D |
| Max. Collet Feeding Length Stroke (*) | 2800 | 3000 |
| Max. Tube Length with Mandrel (mm) (*) | 3750 | 4500 |
| Max. Draw Bending Radius (mm) | 120 | 180 |
| Max. Bending Angle | 190° | 190° |
| Max. Bending Radius Difference (R1-R2) | 38 | 50 |
| Max. Punching Hole (mm) | Ø8 x 1.5t (Optional) | Ø10 x 1.6t (Optional) |
| Total Number Axis | 7 & 9 | 10 |
| Machine Dimension (mm) (L x W x H) | 4770 X 1520 X 1480 | 7760 X 3560 X 2000 |
| Gross Weight (Kg) | 3500 | 6000 |

(*) Can be extended by request

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



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