



| Specifications / Model                   | SB-38NC           | SB-50NC           | SB-63NC           | SB-80NC            | SB-110NC           | SB-130NC             | SB-168NC           |
|------------------------------------------|-------------------|-------------------|-------------------|--------------------|--------------------|----------------------|--------------------|
| Mild Steel Capacity (mm) (CLR 1.5D)      | Ø38.1 x 2.0t      | Ø50.8 x 3.0t      | Ø63.5 x 2.5t      | Ø88.9 x 2.3t       | Ø110 x 2.8t        | Ø127 x 4.0t          | Ø168 x 6.8t        |
| Stainless Steel Capacity (mm) (CLR 1.5D) | Ø38.1 x 1.5t      | Ø50.8 x 2.0t      | Ø63.5 x 1.6t      | Ø76.2 x 2.2t       | Ø101.6 x 4.0t      | Ø120 x 3.0t          | Ø120 x 4.3t        |
| Rectangular Steel Tube (mm) (CLR 2.5D)   | 38 x 25 x 2.0t    | 40 x 20 x 2.3t    | 60 x 30 x 3.2t    | 75 x 45 x 3.2t     | 76.2 x 76.2 x 2.2t | 101.6 x 101.6 x 3.0t | 127 x 127 x 6.8t   |
| Max. Tube Length with Mandrel (mm) (*)   | 2180              | 2600              | 2600              | 2850               | 3600               | 5200                 | 7000               |
| Max. Bending Radius (mm) (*)             | 200               | 250               | 250               | 250                | 400                | 500                  | 600                |
| Max. Bending Angle                       | 185°              | 185°              | 185°              | 185°               | 190°               | 190°                 | 190°               |
| Numbers of Bend Per Tube                 | 9 Bends           |                   |                   |                    |                    |                      |                    |
| Gross Weight (Kg)                        | 900               | 1400              | 1650              | 3150               | 7200               | 10000                | 16000              |
| Machine Dimension (mm) (L x W x H)       | 2500 x 730 x 1020 | 3800 x 850 x 1030 | 3800 x 850 x 1030 | 4000 x 1960 x 1230 | 6400 x 1350 x 1500 | 7000 x 2150 x 1560   | 9750 x 2900 x 2600 |

(\*) Can be extended by request

| Specifications / Model                   | SB-38NCMP         | SB-50NCMP         | SB-63NCMP         | SB-80NCMP          |
|------------------------------------------|-------------------|-------------------|-------------------|--------------------|
| Mild Steel Capacity (mm) (CLR 1.5D)      | Ø38.1 x 2.0t      | Ø50.8 x 3.0t      | Ø63.5 x 2.5t      | Ø88.9 x 2.3t       |
| Stainless Steel Capacity (mm) (CLR 1.5D) | Ø38.1 x 1.5t      | Ø50.8 x 2.0t      | Ø63.5 x 1.6t      | Ø76.2 x 2.2t       |
| Rectangular Steel Tube (mm) (CLR 2.5D)   | 38 x 25 x 2.0t    | 40 x 20 x 2.3t    | 60 x 30 x 3.2t    | 75 x 45 x 3.2t     |
| Max. Bending Radius (mm) (*)             | 200               | 250               | 250               | 250                |
| Max. Bending Angle                       | 185°              |                   |                   |                    |
| Numbers of Bend Per Tube                 | 8 Bends           |                   |                   |                    |
| Max. Manual Bending Stroke (mm) (*)      | 1700              | 2050              | 2050              | 2350               |
| Gross Weight (Kg)                        | 1050              | 1850              | 2200              | 3500               |
| Machine Dimension (mm) (L x W x H)       | 3430 x 700 x 1150 | 4300 x 850 x 1160 | 4300 x 850 x 1160 | 5700 x 1080 x 1400 |

(\*) Can be extended by 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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CIRCULAR SAWING MACHINE TUBE END FINISHING CNC TUBE & BAR MACHINING CENTER CNC TUBE BENDER



**Complete  
Solution for  
Tube and Pipe**

**NC & NCMP Series**  
NC Controlled Hydraulic Tube Bender  
Max. Capacity up to Ø168mm



NC Series / 9 Programmable Bends & 8 Length Stoppers

NCMP Series / 8 Pre-set Rotation Angles & Length Stoppers

090430/02E

# NC Series

## NC Control Hydraulic Tube Bender 9 Programmable Bends & 8 Length Stoppers

The NC series tube benders equipped with NC control unit with Touch Screen Interface. It combines easy-to-use operation with high bending accuracy and cost effectiveness. It is the practical semi-automatic solution for small to medium productions. Up to 9 programmable bends.

### Machine Features:

- NC control unit with 15" Touch Screen
- Up to 9 programmable bends
- Easy operation interface and enable easy data input
- 500 sets program capacity storage
- High bending accuracy up to  $\pm 0.15^\circ$
- Self diagnosis & error messages on-screen display
- Hydraulic clamping with optional pressure die assist
- Suitable for various materials such as steel, stainless, aluminum and copper
- 4 or 8 length stoppers ( Optional )

9 programmable bends ( NC Series )



### ■ SB-80NC

NC controlled tube bender with Touch Screen, and capacity up to  $\varnothing 88.9\text{mm}$ . Hydraulic draw bending



### ■ SB-110NC

NC controlled tube bender with Touch Screen, and capacity up to  $\varnothing 110\text{mm}$ . Hydraulic draw bending



Extended Bed (Optional)

# NCMP Series

## NC Control Hydraulic Tube Bender 8 Pre-set Rotations Angles & Length Stoppers

The NCMP series tube benders combine CNC type accuracy with the costs of NC type bender. It offers 8 pre-set rotations and 8 length stoppers, and suitable for various materials such as steel, stainless, aluminum and copper. Not only cost effective, high bending accuracy and easy to use.

### Machine Features:

- NC control unit with 15" Touch Screen
- 8 programmable bending angles
- 8 pre-set rotation angles through the carriage CAM system
- 8 lengths stoppers
- On-Screen Data Setting and 370 sets File Storage
- Hydraulic clamping and pressure die systems
- Easy operation interface and enable easy data input
- Rigid carriage with CAM system for rotation and length setting
- High bending accuracy up to  $\pm 0.15^\circ$  + Rotation accuracy up to  $\pm 0.2^\circ$
- Self diagnosis & error messages on-screen display
- Automatic mandrel extraction
- Suitable for various materials such as steel, stainless, aluminum and copper



### ■ SB-38NCMP

NC controlled tube bender with capacity up to  $\varnothing 38.1\text{mm}$ . Hydraulic rotary bending with Touch Screen



8 Pre-set Rotation Angles( NCMP Series )

