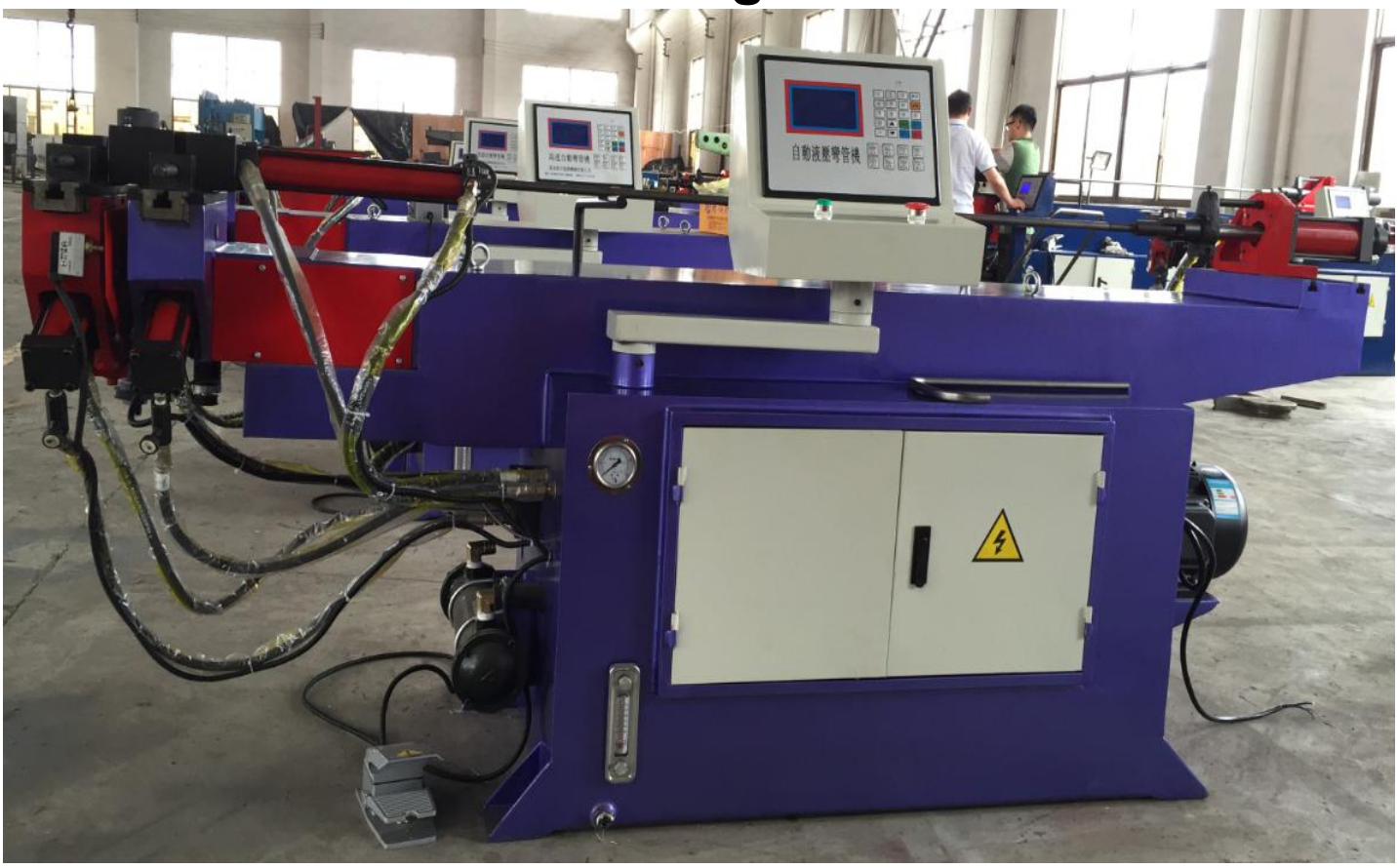
SB-38NC Single head hydraulic tube bending machine





Applicable maximum pipe diameter: Φ38*2.0mm, maximum bending radius: 200mm

Features:

1. NC type pipe bending machine adopts microcomputer control

2, with manual control, semi-circular control, fully automatic control

3, overload automatic protection

4, automatic detection of machine failures and operational failures

5, mobile foot switch has emergency stop function

6, the screen display, contact button

7, automatic storage memory function 22

8, automatic power failure protection function

★Recommended unit:

Auto parts (brake tubing, bumper, muffler, seat).

Motorcycle manufacturing, bicycle industry, fitness equipment,

Air conditioning and refrigeration, steel furniture, sanitary equipment and other industries.

一、SB-38NC Technical Parameters:

project	unit	SB-38NC
Maximum use of carbon steel pipe	mm	Φ38*2.0
Maximum applicable stainless steel pipe	mm	Φ32*2.0
Example of bending radius 1.5D	mm	Φ31.75*2.0

Maximum bending radius	mm	200
Maximum bending angle	degree	185°
Maximum core length	mm	1700
Control System		Microcomputer（NC control）
The number of bends can be set for each pipe	个	16
Motor Power	kw	4.0
Maximum hydraulic pressure	MPa	12
Hydraulic control system		Solenoid valve
Oil pump displacement	L	12
Fuel tank storage	KG	110
Machine weight	kg	576
Machine size (L×W×H)	mm	2300*700*1250

二、**Structure type**

1. Adopting the arm straight clip type pinch structure

2, using hydraulic guides to assist the structure

3, the machine's hydraulic system is equipped with water cooling device, which is convenient for users to control oil temperature

4, the main drive uses a chain or rack mechanism

5. The bending direction of the pipe is rotated clockwise to the direction of the pipe.

三、Device Configuration

一、Hydraulic parts

1.	Solenoid valve	Taiwan Seven Oceans
2.	Hydraulic pump	Taiwan Yongling
3.	Hydraulic pipe	Taiwan Huihui
4.	Cylinder UN circle	DZ
5.	Cylinder "O" ring	DZ
6.	Hydraulic cylinder	Precision homemade

二、Electrical configuration

Serial number	name	Brand	Place of origin
1.	Oil pump motor	Taihu Lake	Wuxi
2.	Controller	Single chip microcomputer	Changzhou
3.	Encoder	Internal security	Japan
4.	Proximity switch	Zhengtai	Zhejiang
5.	AC contactor	Zhengtai	Zhejiang
6.	thermal relay	Zhengtai	Zhejiang
7.	other	Zhengtai	Zhejiang
8.	transformer	Jiuchuan	Zhejiang

四、Electrical control and operation interface requirements

1. Operation interface adopts button control screen

2. Digital display resolution: 0.1° angle

3. The control system can store 20*14 processing data

4. The elbow parameters on the operation interface can be set

五、**Bending process**

1. The equipment meets the requirements of the drawings provided, the quality of the products produced is not lower than the actual sample, and the deformation of the bending part is not more than 5%.

2. Provide proofing pipe fittings according to the demand side

3. There is no wrinkle on the surface of the pipe at the bend

4. After bending, the surface of the pipe has no grooves and obvious depressions due to the elbow

六、Equipment performance-

1. Direct input of elbow processing parameters

2. This machine has the functions of cycle, semi-cycle, manual, pause, etc. It is started by the switch when the next cycle is run, and the emergency stop button is needed when the emergency stop is needed.

3. The operation interface is Chinese

4. Storage energy: maximum storage of 20 workpieces, each workpiece can be programmed with 14 bending hardware storage parameters

5. Can directly input data and edit

七、Technical Information

（一）Instruction manual

The Chinese manual for each hydraulic pipe bending machine includes (installation and maintenance operation manual, consumable parts list, hydraulic schematic, electrical schematic, mold drawing)

After-sales service:

1.Warranty period: We guarantee machine quality for one year, during this year, if spare parts of the machine were damaged, we can send the component to the customer by DHL, TNT freely.

2.Our factory can send our engineer to the customer's factory install, commission and training freely. The customer provide the double trip tickets, food and accommodation for our engineer. The customer also can send the engineer to our factory to learn the operation and maintains freely.

3.Our factory provide the service for the customer forever, if the customer need operation help, can contact us by Skype,Whatsapp,WeChat, Email and Telephone at any time, we provide 24 hours on-line service.

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