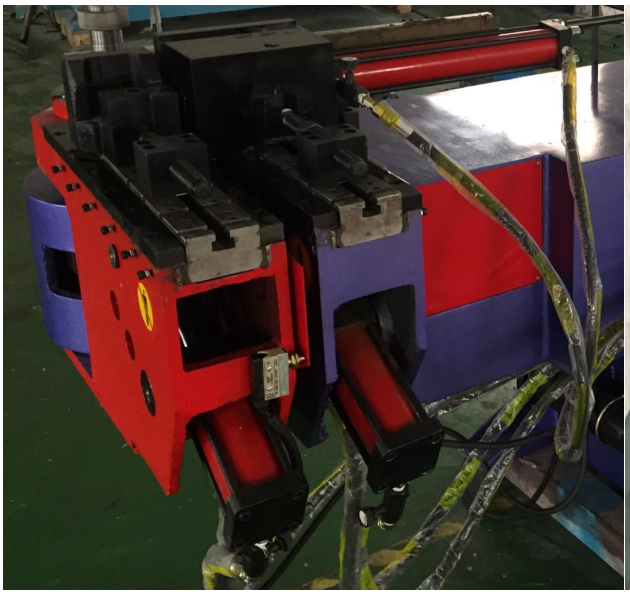
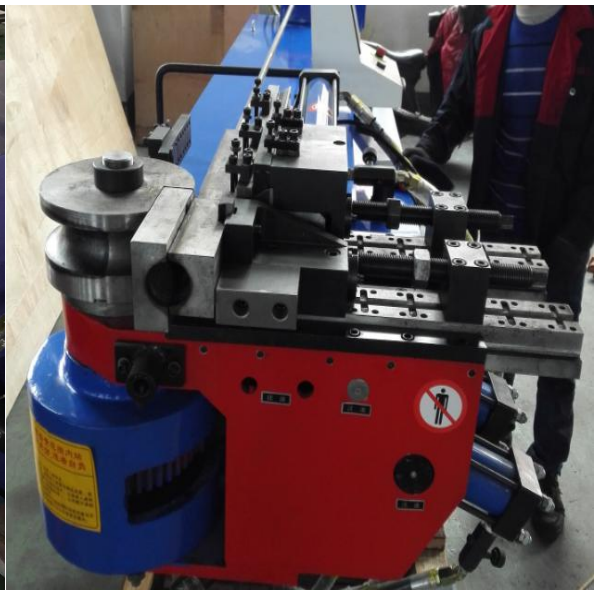
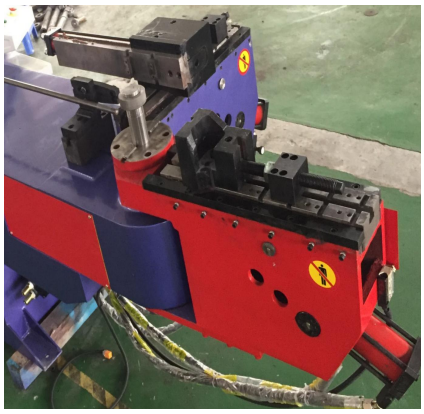
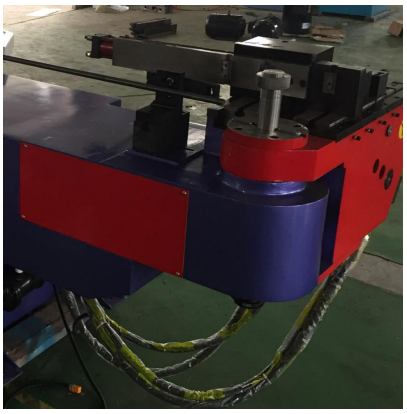
DW63NC Single-head hydraulic pipe bending machine


Is the largest diameter: Φ 63＊2.0 mm, maximum bending radius: 300 mm

Product features:

1. NC type pipe bender is controlled by microcomputer

2. Manual control, semi-circular control and automatic control

3. Automatic overload protection

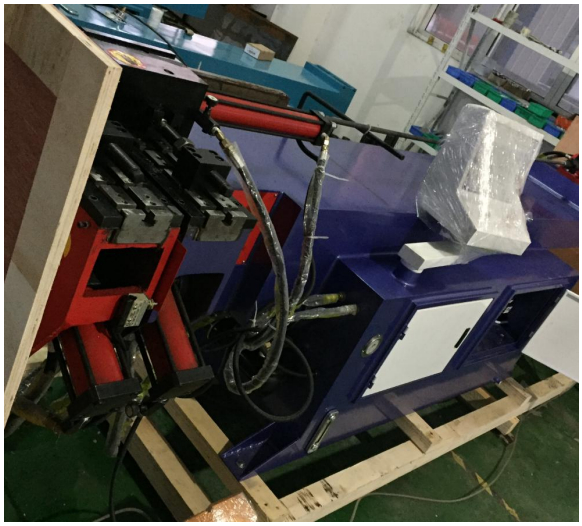
4. Automatically detect machine faults and operating faults

5. Mobile foot switch has emergency stop function

6. Screen display and touch button

7. Automatic memory storage

8. Power cut automatic protection function



一、SB-63NC technical parameters：

Project	Unit	SB-63NC
Maximum use of carbon steel pipe	mm	Φ63*2.0
Best for stainless steel pipe	mm	Φ50*2.0
Maximum square tube	mm	45*45*3.0
Maximum bending radius	mm	300
Maximum bending Angle	度	190°
Maximum core length	mm	2400

Control system		NC Microcomputer control
The number of bends can be set for each pipe	个	16
motor power	kw	7.5
Maximum oil pressure	MPa	14
Hydraulic control system		Solenoid valve
Oil pump discharge capacity	L	25
Oil storage tank	KG	220
Machine weight	kg	1106
Package Weight	Kg	110
Machine size (length x width x height)	mm	3170*950*1400
Package size	mm	3310*1100*1440

二、The structural type of

1. The vertical clamping pipe structure with rotating arm is adopted

2. Hydraulic guide plate is adopted to assist the driving structure

3. The hydraulic system of the machine is equipped with water cooling device, which is convenient for users to control the

oil temperature

4. Main transmission adopts gear and rack mechanism

5. The bending direction of pipe fitting is overlooking and rotating clockwise direction is bending direction

三、Device configuration

Serial number	Name	Brand	Origin
1.	Solenoid valve	OCEAN	TAIWAN
2.	Hydraulic pump	spirit	TAIWAN
3.	Hydraulic pipe	Lianhui	TAIWAN
4.	Oil cylinder UN circle	SOGDZ	TAIWAN
5.	Cylinder"O"ring	SOGDZ	TAIWAN
6.	Hydraulic cylinder	Precision homemade	
7.	Oil pump motor	Lake Taihu	WUXI
8	Single chip microcomputer	XIONG FENG	CHANGZHOU
9	Encoder	NEMICON	JAPAN
10	Proximity switch	Tend	Joint venture
11	Ac contactor	Chint	Joint venture
12	Thermal relay	Chint	Joint venture
13	Other	Chint	ZHEJIANG

14	Transformer	Nine sichuan	Joint venture

四、Electrical control and operation interface requirements:

1. Touch control screen is used in the operation interface

2. Digital display resolution: turn 0.1 °

3. The control system can store 400 sets of processing cases

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

Bending process:

1. The equipment meets the requirements of the drawings provided, and the quality of the manufactured product is not as good as the product samples, and the deformation of the bending part is not more than 5%

2. Provide the sample making tube to make the mold according to the buyer

3. No folds exist on the pipe surface at the bend

4. There are no grooves and obvious depressions on the surface of the pipe after bending

Equipment performance:

1. Directly input bending machining parameters

2. The machine has the functions of circulation,

semi-circulation, manual and pause. Start with the switch when the next cycle is running, and the emergency stop button is needed when the emergency stop is needed

3. The operation interface is Chinese

4. Energy storage: up to 20 workpieces, each of which can be programmed with 14 bent hardware storage parameters

5. Directly input data and edit

Technical data

(1) operation manual

The Chinese instruction manual of each hydraulic pipe bender includes (installation and maintenance operation instruction, vulnerable parts list, hydraulic schematic diagram, electrical schematic diagram, mold diagram)

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

Zhangjiagang City Cedar Technology Co., Ltd

Second: the flexion and indentation machine:

It performs pipe bending work at several angles, starting from 15 degrees to

The right angle is 90 degrees and the whole angle is 360 degrees.

1) Together, the size of the corners of the molds is 90 - 75 - 60 - 45 - 35 - 25 - 15

2) It works from a size of 1/2 to 2 inches.

3) Ease of changing the molds and angles so that the molds are fixed in a column and the thrust (feeding) belt is moving until the change is made to the angle to be worked on.

4) It operates at a voltage of 381 volts, 51 Hz.

5) It works with an automatic and programmed system and can

enter the angles to be implemented. High precision AC servo digital cutting.