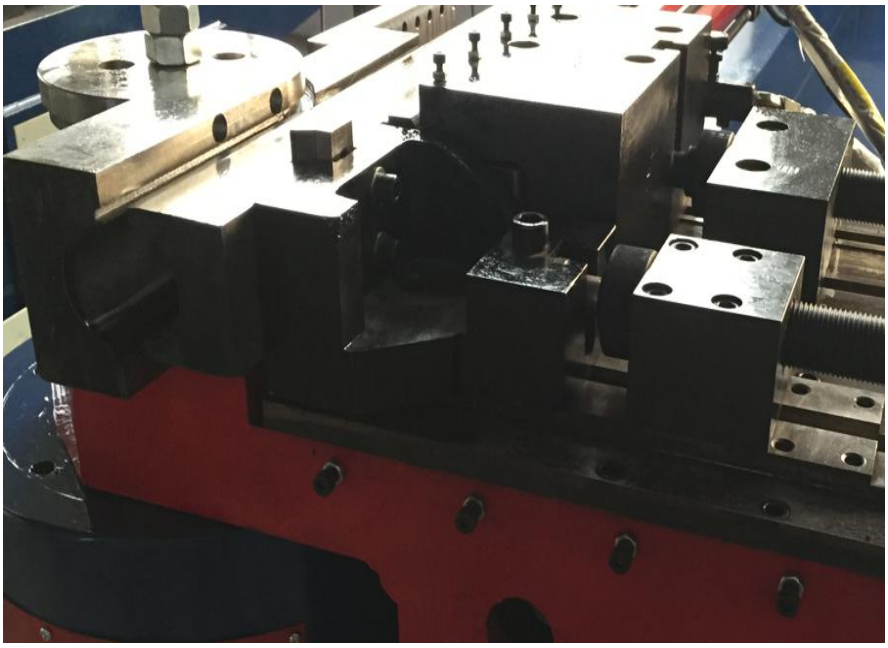
SB-75NC Single-head hydraulic pipe bending machine （Rack type）







Product features:

NC pipe bender is controlled by microcomputer

It has manual control, semi-circular control and full automatic control

Overload automatic protection

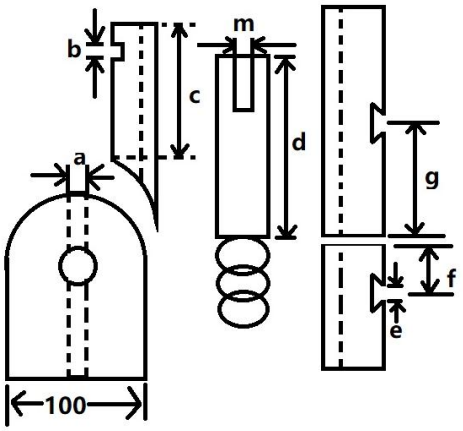
Automatic detection of machine failures and operational failures

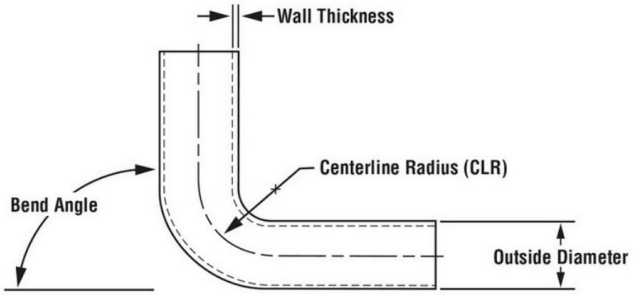
5, mobile foot switch has urgent stop function

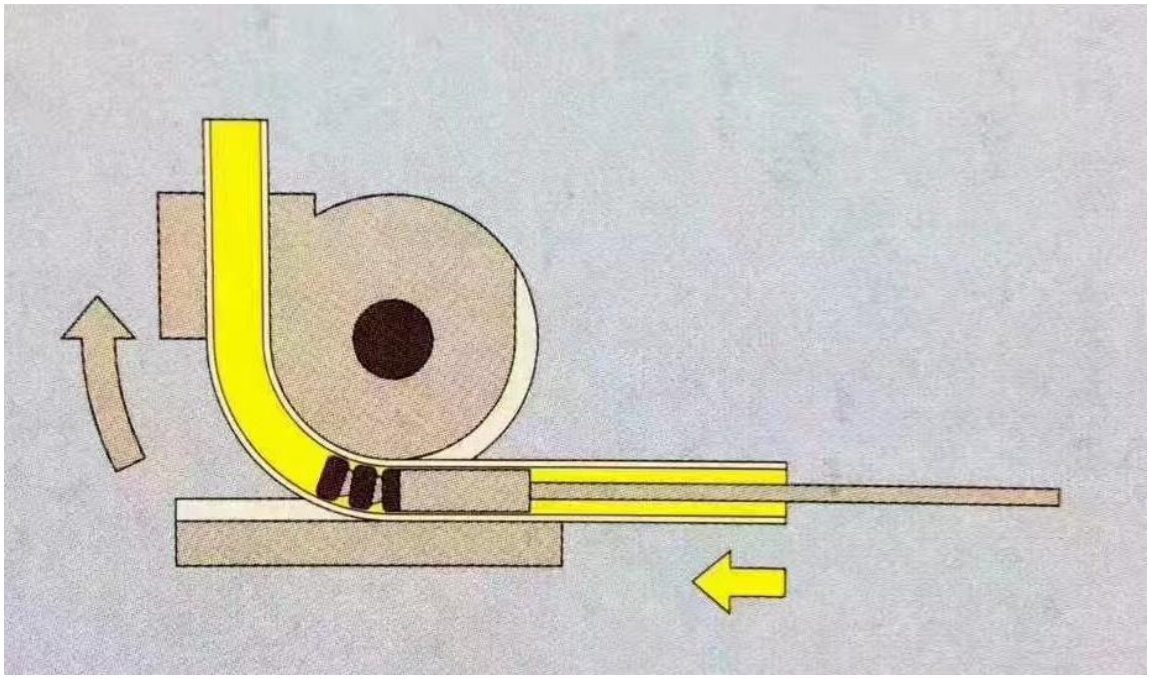
The screen shows the touch button

Automatic memory function

Power failure automatic protection function







SB-75NC PARM ：

project	unit	DW-75NC
Maximum use of carbon steel pipe 1.5D	mm	Φ75x2.0
Maximum applicable stainless steel pipe	Mm	Φ65*2.0
Max bending radius	mm	400
Minimum bending radius	mm	100
Maximum core length	mm	2500
Maximum bending radius	mm	185
Maximum bending angle	°	185°
Each pipe can set the number of elbows	One	16
Maximum hydraulic pressure	MPa	14
Motor Power	kw	7.5
Pump displacement	L	27
Machine weight	kg	1800
Machine size (L × W × H)	mm	4300*900*1200

Structure type:

The machine head part and the bed body part strengthen the reinforcement design, and

through annealing treatment eliminates the internal stress, the whole has enough strength and rigidity, prevents permanent deformation.

When the transmission spindle is assembled, it is inserted directly from the upper part of the machine head, which is accurate in installation and convenient in maintenance. The bend spindle is closely matched with the drive sprocket, and the two rows of chain drive. The force is stronger and more uniform. Fast reset, with throttling buffer near the starting point, greatly improves the reset precision and work efficiency (it is the only domestic manufacturer that adopts this structure). The clamping system adopts a two - bar lifting and lifting mechanism. (finished product falls naturally under gravity, easy to unload)

The microcomputer controller can preset 16 bending angles, and the whole process can be completed at one time with foot switch, hydraulic clamping, hydraulic pressure material, hydraulic bending pipe, hydraulic auxiliary push, hydraulic core pulling, including special accessories anti-wrinkle device, six oil cylinders.

Special accessories (such as anti-wrinkle device, auxiliary push device and lengthening body)

Pipe dies shall be used for exceeding the range. (e.g. Anti-wrinkle block, multi-ball mandrel, sliding plate)

Equipment configuration:

I. hydraulic parts

Serial number	Name	Brand	Origin
1.	Solenoid valve	OCEAN	TAIWAN
2.	Hydraulic pump	spirit	TAIWAN
3.	Hydraulic pipe	Lianhui	TAIWAN
4.	Oilcylinder 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

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