DW18CNC-3A-2S CNC tube bending machine

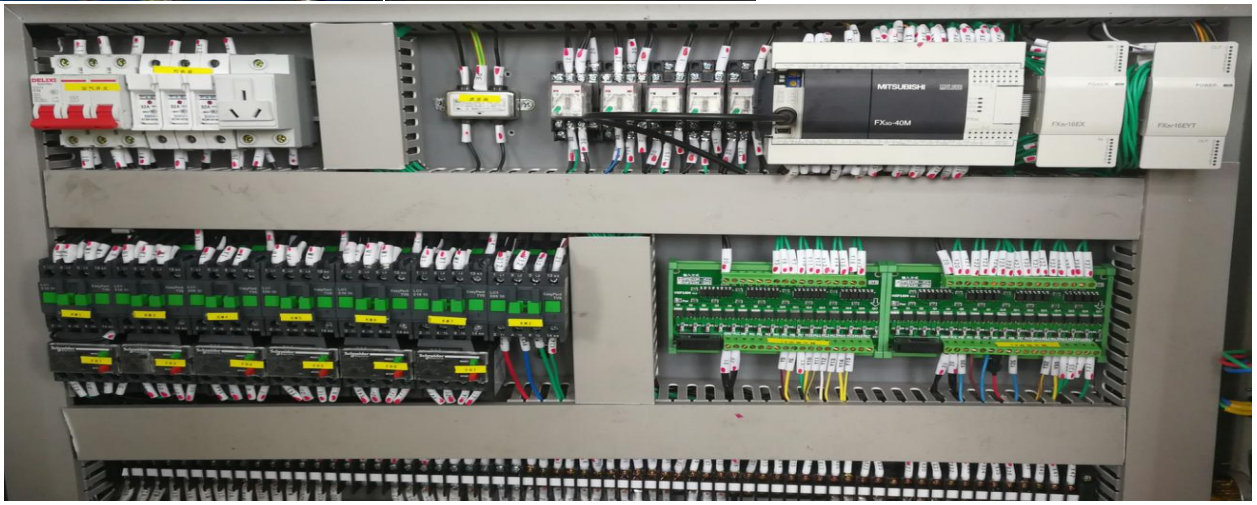












一、Technical Parameters

content		DW18CNC
Maximum use of carbon steel pipe		Φ18*1.5
Maximum applicable stainless steel pipe		Φ16*1.5
Maximum core length		1800 ㎜
Maximum feed stroke		1600 ㎜
Maximum bending radius		150 ㎜
Maximum bending angle		185°
Set the number of bends per pipe		16
Working speed	Bent pipe	Can controlled by servo
	Corner	Can controlled by servo
	Feeding	Can controlled by servo
Precision	Bent pipe	±0.1 °
	Corner	±0.1 °
	Feeding	±0.1 ㎜
power	Feed servo motor	0.75 KW
	Corner servo motor	0.4 KW
	Elbow servo motor	1.0 KW
Oil pump (Yongling)		17 L

Machine weight	About 1000 kg
Machine size	2400X800X1100
air switch	Zhengtai
AC contactor	Schneider
Switching power supply	Schneider
transformer	Zhejiang Jiuchuan
Proximity switch	Schneider
Servo motor and servo drive	Mitsubishi Japan
PLC	Mitsubishi Japan
Hydraulic oil pipe	Taiwan Huihui
Linear guide	ABB or HIWIN
Oil pump motor (4.0KW)	Taihu Special Motor

Note:

1. The elbow is controlled by servo motor

2. Adopting Yuci Oil Research Solenoid Valve

3. Touch screen operation using vinylon

二、Structure type

1. Adopting the boom floating 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 servo motor to drive the sprocket chain drive

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

6, feeding, corner, elbow are controlled by servo motor

三、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

四、**Electrical control and operation interface requirements**

1. The operation interface adopts a graphical interface and touch screen operation.

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、Pipe 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

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 12 bending hardware storage parameters
5. Can directly input data and edit

七、Technical Information

（一）Operating instruction

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)

(2) the CNC hydraulic pipe bender can be delivered after both parties sign and confirm the qualification

2. Training

Immediately after the arrival of the equipment, the personnel will be arranged to conduct free training on equipment installation, debugging, operation and maintenance personnel. Free technical training will be provided to train operators to familiarize them with their performance and operate them skillfully until they are fully mastered.

八、Detailed equipment supply list:

Serial number	item name	Quantity	Remarks
1	Pipe bending machine host	1 set	
2	Electronic control cabinet	1Piece	Attached to the host
3	Slow core pulling device	1set	Attached to the host
4	Anti-wrinkle device	1set	Attached to the

			host
5	Bent pipe mould	1pay	random
6	Mandrel rod	1O	
7	Toolbox	1O	
8	Allen key (1 set)	9piece	
9	Open end wrench	1One	
10	Grease gun	1	
11	Butter gun	2	
12	Product inspection record	1part	
13	Product certification	1page	
14	Packing List	1page	
15	Operating instructions (including)	1page	

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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