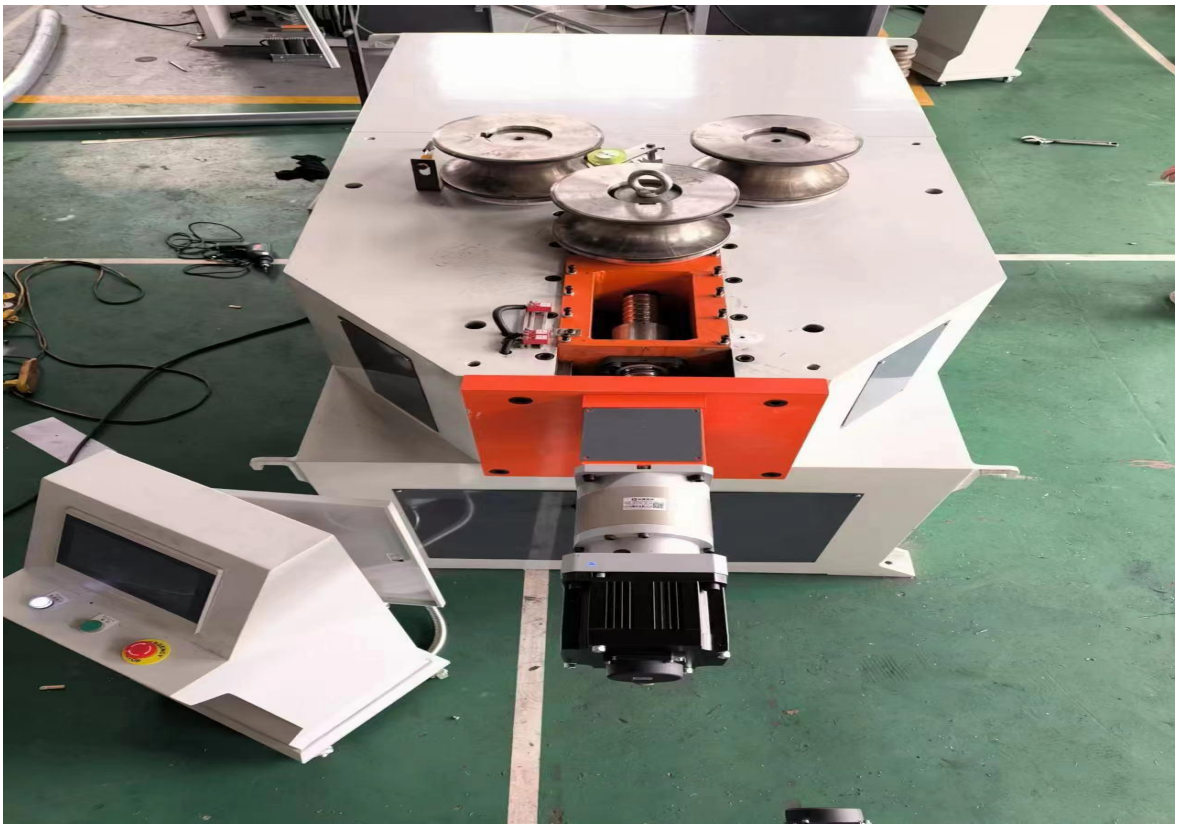
XS-180CNC-III Servo three wheel rounding machine





Equipment characteristics：



1. A set of two rollers is driven by a motor with a reducer, with a compact structure that can roll back and forth, making it suitable for making different samples.

2. Two wheel drive, encoder controls linear length, realizes program control of linear length, and is easy to process.

2. Servo motor control for variable diameter, achieving multiple different bending radii for one pipe fitting.

5. The foot switch is also equipped with an emergency stop for easy operation.

6. The transmission balance of this machine only requires setting parameters on the touch screen, and can obtain circular, arc or spiral shapes with different curvatures.

7. By changing the mold groove shape, various metal profiles can be

processed, such as angle steel, flat steel, round steel, and other cross section profiles.

8. Bending large radius profiles avoids the drawbacks of making extra large bending molds, and is a necessary supplement that cannot be achieved by the series of single head and double head bending machines.

Equipment parameters：

Main	Unit	XS-180CNC-III
Maximum circular	mm	Φ180X4.0
Maximum application	mm	Φ176X3.0
Rounding speed	M/MIN	≈5-10
Rolling speed		N more
The number of bending arcs can be set for each	R/Min	Design according to actual requirements
Die speed	KW	10.0
Reducer servo motor	Kw	25
Drive motor power		220
Reducing reducer	kg	7500

List of purchased parts：

Number	Part name	Model	Origin and

		number	manufacturer
1、	Servo motor	Japan	Mitsubishi
2、	Control system	Joint stock	Joint venture Huichuan
3、	PLC controller	Joint stock	Joint venture Huichuan
4、	Frequency changer	Joint stock	Joint venture Huichuan
5、	Proximity switch	Joint stock	Chint joint venture
6、	Touch screen	Formosa	Joint venture
7、	transformer	JBK3-100	Jiuchuan county in Zhejiang Province
8、	Foot switch	MDB-L11	Clear and virtuous
9、	Thermal overload protector	NR2-25	Chint joint venture
10、	Ac contactor	CJX2-2510	Chint joint venture
11、	Air switch	DZ47-60	Chint joint venture
12、	Power switch	24V	Taiwan Mingwei
13、	Reduction gear	Formosa	Taiwan Dingrui
14、	bearing	Harbin	Harbin bearing
15、	Ball screw	Formosa	Taiwan TBI

16、	Housing sheet metal		Welding tempering
17、	Supporting roller		Chrome plated rod

Detailed equipment supply list：

Number	name	specification	quantity	remark
1、	Host machine		1/ set	
2、	Hex key	3-14	1/ set	
3、	Instruction manual		1/ copy	Random file
4、	Certificate of conformity		1/ one	Random file

After-sales service：

a) The equipment shall be guaranteed for 12 months after delivery. The time starts from the date of final acceptance after delivery. During the warranty period, all manufacturing quality problems, the supplier free warranty, other reasons caused by the user to bear reasonable repair costs. After the expiration of the warranty, spare parts and good service are still provided, and reasonable charges are charged.

b) If the equipment fails during use, the Supplier shall make a response within 2 hours after receiving the notice from the Demander. If it cannot be solved directly over the phone, send someone to the scene within 24 hours, the general failure is solved within 48 hours, and the major failure is solved at the fastest speed, in principle, it does not exceed 72 hours (except holidays).

c) The supplier shall provide timely feedback to the Demander on the

development trend of the new technology, introduce the features of the new equipment, provide advanced technology and process, and explain the Demander's questions.