XS-80CNC-2A Double head servo feed chamfering machine

一、Company Profile

Zhangjiagang Cedar Precision Technology Co., Ltd. is located in Zhangjiagang, an emerging port industrial city at the intersection of the coastal and Yangtze River economic development zones. It is a new enterprise integrating industrial automation system development and production, non-standard automation product research and development, production and sales services.

Main products of the company: semi-automatic pipe cutting machine, full-automatic pipe cutting machine, servo full-automatic pipe cutting machine production line; Single head chamfering machine, double head chamfering machine, servo double head chamfering machine, cutting chamfering production line; Semi automatic aluminum profile cutting machine, full-automatic aluminum profile cutting machine; Single head hydraulic pipe bender, double head pipe bender, servo full-automatic pipe bender; Pipe end forming machine and other pipe processing equipment; At the same time, the company can design and manufacture the above equipment with special specifications and various non-standard mechanical products according to the needs of users and on-site installation.

The company's products are used in the processing of metal pipe products in the industries of automobiles, air conditioners, motorcycles, electric vehicles, bicycles, sports fitness equipment, steel pipe furniture, tourism and leisure products, plumbing and bathroom, and provide efficient mechanical equipment.

The products are sold in large quantities in domestic and foreign markets and exported to more than 60 countries and regions (Germany, Brazil, India, Indonesia, Malaysia, Vietnam, the United Arab Emirates, Russia, etc.) in Europe, Southeast Asia, South America, Africa and the United States

Quality: We always believe that good quality will speak, and only high-quality products are the basis for the survival of enterprises;

Science and technology: In the face of the ever-changing business, the only way for an enterprise to survive is to constantly learn and innovate;

Service: understand customer needs, meet customer needs, we do not only machines, but also customized machines, your satisfaction is our constant pursuit!

Enterprise spirit: the market is the direction of the enterprise, and quality is the life of the enterprise. Without hard sweat, there would be no tears of success. Only by continuous learning can we keep pace with the times and remain invincible.

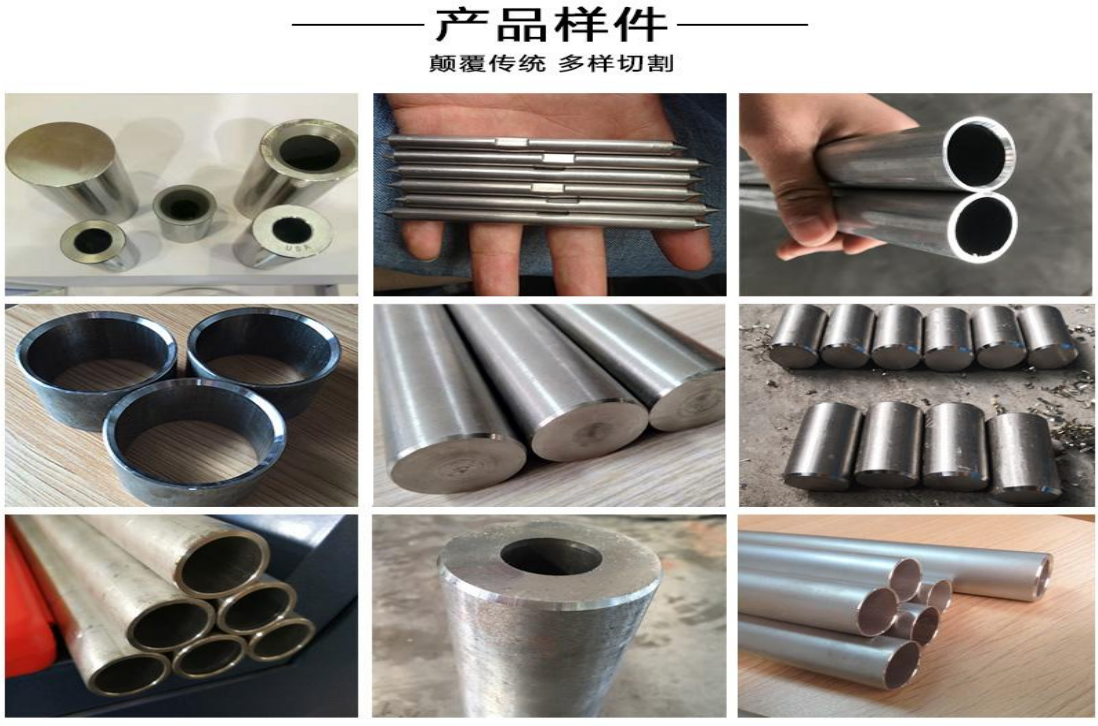
Enterprise mission: do well in equipment, serve the society, and let more

customers create greater value.

Service tenet: integrity first, efficiency first, customer first, service first。

二、Product introduction:

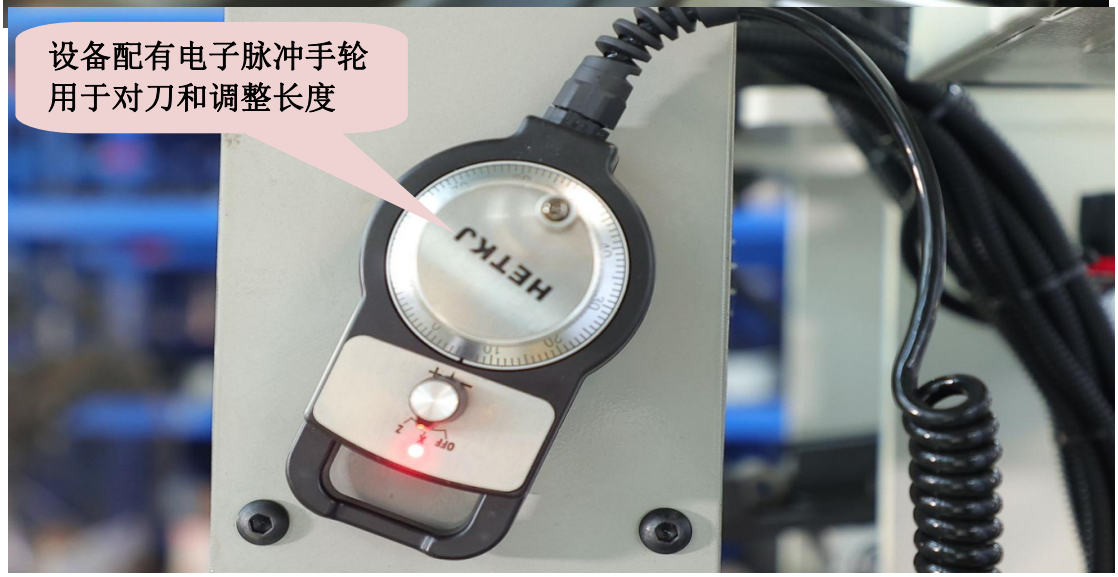
This machine is electrically and pneumatically controlled for clamping. The two power heads are servo motor controlled for moving in and out of the cutter. It is specialized in automatic chamfering and finishing of tube end faces, external corners and internal corners at one time. It can feed for many times. The precision can be controlled more accurately, the end surface finish is higher, and the slope discharge saves labor, is fast and accurate. Both ends are processed at the same time, which is especially suitable for mass production. It can also be used for bar chamfering.



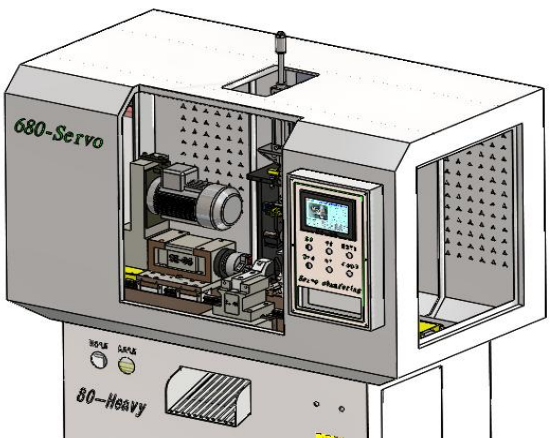

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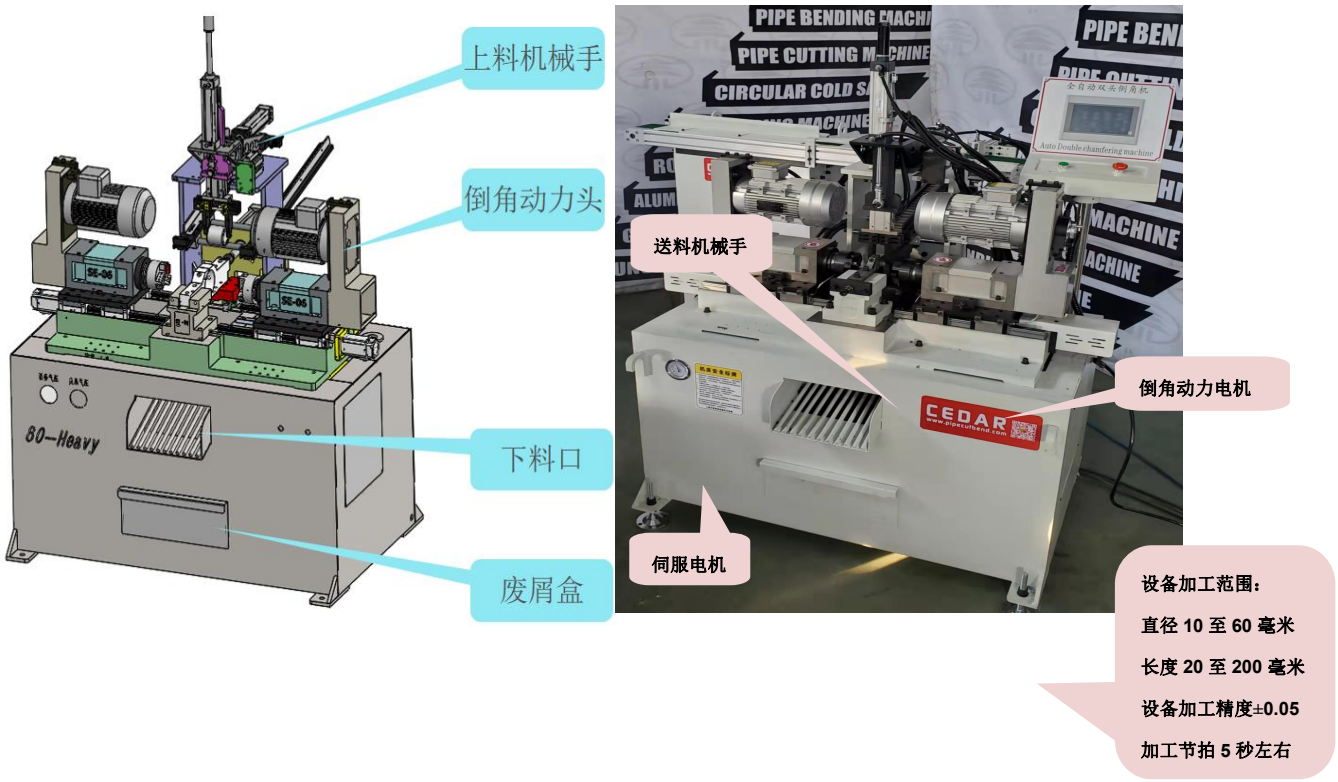

送料气缸上下行程可调
刀盘刀架可调倒角大小，

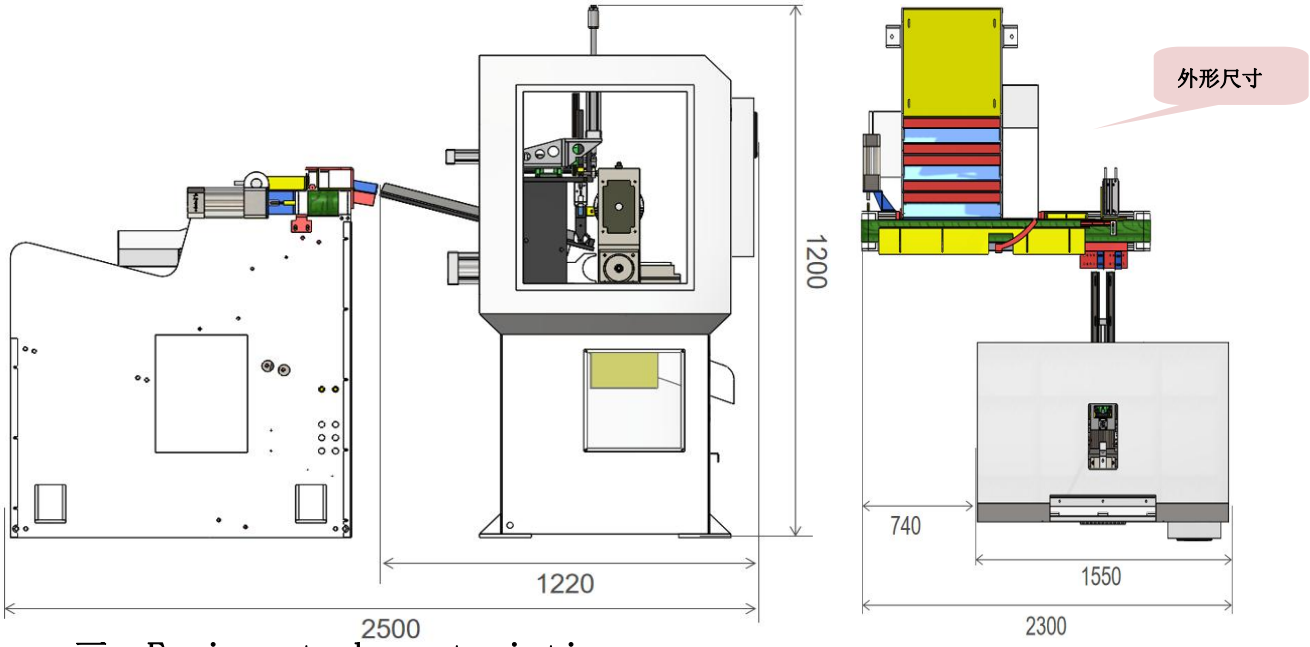

设备配有电子脉冲手轮
用于对刀和调整长度


提升机
伺服电机
切削动力头


680-Servo
80-Heavy


全封闭护罩（选配）





三、Equipment characteristics:

1 Specially designed feeding mechanism, easy to replace with different fixture models;

2. Super strong cutter head design, stable blade

installation, customized carbide tools, and increased tool life. The cutter head installation does not require screws to be received from the spindle, and the cutter head is directly fixed by a pull rod;

3. Double servo feed, speed can be adjusted at will, multiple feed can be made, saving working hours, and processing is perfect;

4. According to the special workpiece of the customer, the drill chuck can be used for clamping to ensure the processing concentricity;

5. The machine is equipped with a manual pulse generator, which can quickly adjust the tool setting when adjusting the machine;

6. The whole process is electrically, pneumatically and servo controlled, pneumatically clamped, pneumatically fed and servo fed, which is simple and convenient to operate;

7. Manual and automatic functions are available for debugging;

8. Special cutter head design and standardized blade are used. It is simple and convenient to adjust the cutter. The internal angle, external angle and plane of the pipe are processed at one time, with an average of about 3-10 seconds (according to the size and thickness of the pipe diameter), fast and efficient.

9. Applicable materials: processing general iron pipes: steel pipe, aluminum pipe, copper pipe, stainless steel pipe, bar material, PVC pipe, nylon pipe, hexagonal bar, etc

四、Equipment parameters：

type	unit	XS-80CNC-2A Double servo
Applicable outer diameter	mm	Φ6.0～Φ80mm

Use cutter head		Custom alloy
Workpiece tube length	mm	25-200mm
working pressure	Mpa	5-8KG
Machining accuracy	mm	±0.05
Processing speed	Seconds /piece	3-10
Motor power	kw	380V—2.2kw 4P
Spindle speed	r/min	1400/2800
Feeding form		Slope discharge
Machine size	mm	1200mm long, 1170mm wide, 1850mm high
Machine weight	kg	1200

五、Device configuration

Name	model	quantity	supplier
machine head	XS-230SMJT	2 pieces	Spheroidal graphite casting
organism	XS-230SCJT	1 piece	Sheet metal welding and tempering
cutting tool	CCMT09T304/CCMT16T304	4 pieces/2 pieces	Mitsubishi, Japan
Feed servo	0.75 KW	2 sets	Joint venture

motor			Huichuan
air cylinder	63-50-50	2	AirTAC
air cylinder	80-120	1	AirTAC
electrical equipment	XS-230DY-DQ	1 set	Joint venture Chint
air cylinder	50*160*75	1	AirTAC
Solenoid valve	4v210-08	3	AirTAC

Note: According to the particularity of your workpiece, the corresponding fixture part needs special customization.

六、Equipment supply list

Serial No	Name	Specifications	quantity	remarks
1、	main engine		1/set	
2、	inner hexagon spanner	3-14	1/set	
3、	an instruction manual		1/set	random file
4、	certificate		1/set	random

				file

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