XS-450CNC servo automatic tube cutting machine

COMPANY PROFILE

Zhangjiagang city Cedar Technology Co., Ltd. is located in Zhangjiagang, an emerging port industrial city at the junction of the two major economic development belts along the coast and the Yangtze River. It is a new enterprise integrating industrial automation system development and production, non-standard automation product research and development, production and sales services.

We company's main products: semi-automatic pipe cutting machine, automatic pipe cutting machine, servo 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, automatic aluminum profile cutting machine; single-head hydraulic pipe bender, double-head pipe bender, servo fully automatic pipe bender: pipe end forming machine and other pipe processing equipment; meanwhile, the company can install and install on-site according to users' use. Need to design and manufacture the above-mentioned equipment with special specifications, and various non-standard mechanical products.

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

United Arab Emirates, Russia and the United States etc. Southeast Asia, South America, Africa ， Europe wait region

Quality: We always believe that good quality can speak, and only high-quality products are fundamental to the survival of an enterprise;

Technology: Facing the ever-changing sea of business, only continuous learning and innovation is the way to survive for an enterprise;

Service: Understand customer needs and meet customer needs. We do not just machines, but also customized machines. Your satisfaction is our constant pursuit!

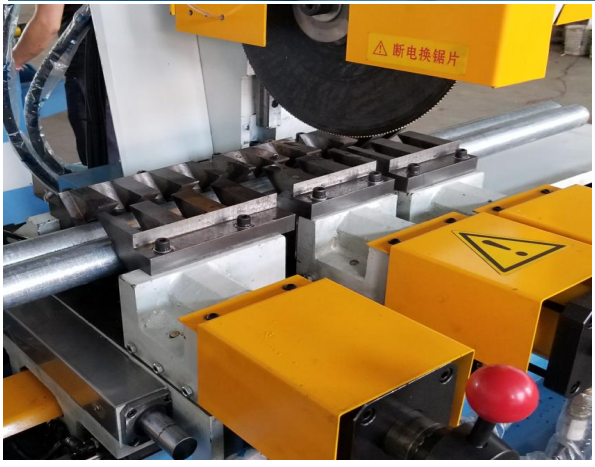
Entrepreneurial spirit: the market is the direction of the enterprise, and quality is the life of the enterprise. Without hard sweat, there will be no tears of success. Only through continuous learning can we keep pace with the times and be invincible.

Enterprise mission: make equipment, serve the society, and let more customers create greater value.

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


雪松精工
CEDAR TECHNOLOGY


全自動金屬圓鋸機
AUTOMATIC METAL CIRCULAR SAW MACHINE


⚠ 断电换锯片

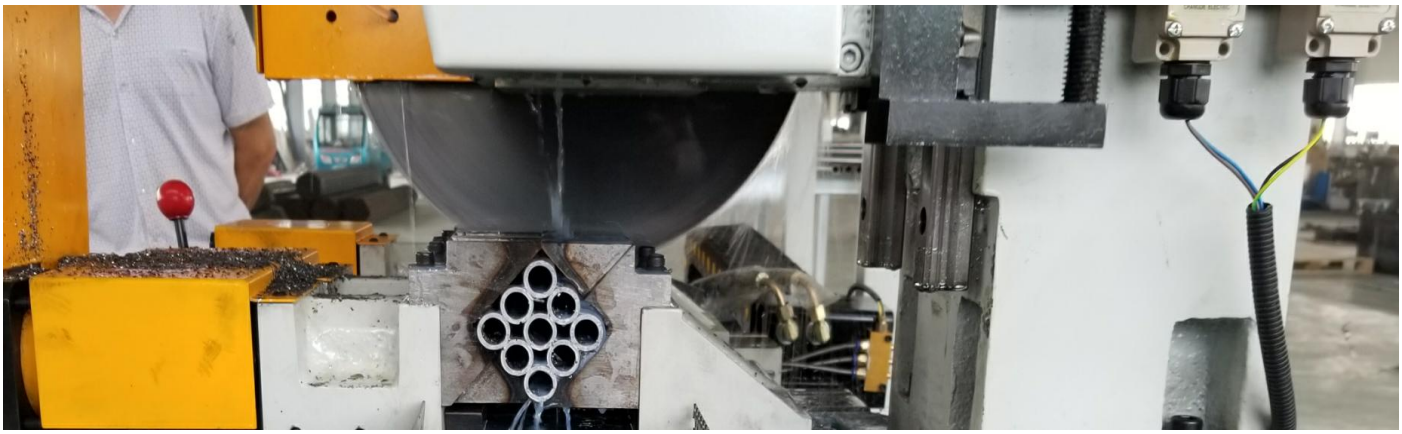


This model adopts advanced CNC numerical control system control to realize the unmanned and fully data production process of the pipe cutting production line.

Automatic feeding, automatic cutting, automatic cutting, all automatic assembly lines, servo motor feeding, long and short precision, the whole production process is self-regulated and monitored by the CNC system. The production process is stable and accurate, and can realize single or multiple pipe fittings at a time. Efficient production, the biggest highlight of this equipment is his five-group full-gear head, which is optimized on the basis of four sets of transmission equipment in Taiwan (factory test experience: ø50 round steel, about 25 seconds cut) It can cut metal profiles such as ordinary steel, stainless steel, copper, aluminum, etc. of various cross-section shapes, especially for sawing various pipes. It is a high-quality equipment for mass production of steel pipe furniture, pipe industry, sports equipment, travel and leisure products, automobiles, motorcycles, bicycles, baby carriage decoration, stainless steel wrought iron decoration production, mechanical processing and other industries.

Performance characteristics:

1. It is equipped with stepless variable speed vertical lower knife, automatic feed and cylinder automatic clamping device, which is stable, light and efficient.
2. Horizontal clamping makes the workpiece clamping stable, smooth cut surface without burr, low noise and low pollution.

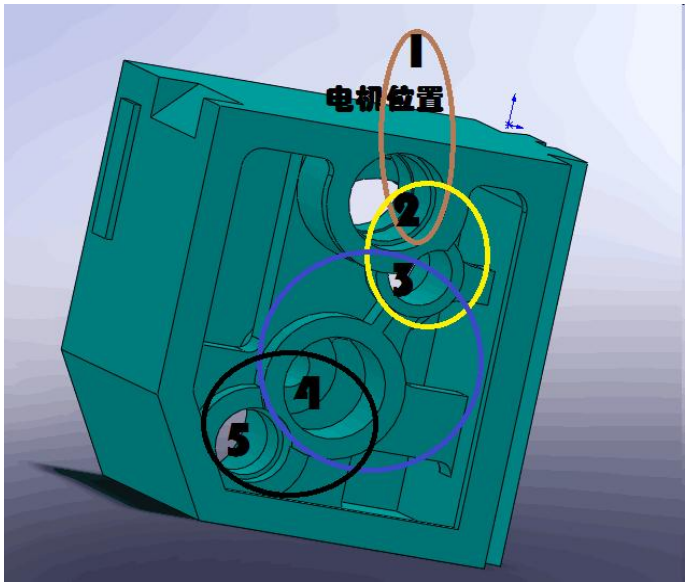


3, with no material automatic shutdown, saw blade protection function, automatic lubrication cooling function.

4, with pull tail function, cutting tail material is shorter than the length of the cutting workpiece.

5, the use of self-lubricating bearings, the connection shaft self-lubricating, does not hurt the machine.

6, 425 full gear head with motor horizontal, five sets of full gear bite (now the market's full gear head is all four sets of structure) four gear shifting, more stable, more wear-resistant, the head power is stronger.





1. The cooling system keeps the machine running for a long time and prolongs the life of the saw blade.

2, the lower knife column, using linear guide rail, through the professional equipment scraping the rail surface, more accurate and more durable.

3. The oil circulation cooling system ensures the reliability and durability of the device and prolongs the service life of the device.

4. Mechanical movement structure and parts: All of them are CNC self-supplied oil lubrication systems, which make the mechanical structure movement more long-term maintenance-free and long service life.

450CNC Servo automatic pipe cutting machine parameters:

project	Unit	500CNC
Saw blade Angle	°	90°
	mm	Φ150
	mm	120*120
	mm	110*80
	mm	Φ50
	mm	45*45
Spindle speed	RPM	70/35(r/min)　120/60(r/min)
Cutting accuracy	mm	±0.05
monitor rate	KW	3.8-4.5 （Motor horizontal structure）
Clamping method		Left and right (optional upper and lower clips)
Clamp maximum clamping	mm	150
Servo feed stroke	mm	1500　Infinity
Oil pump motor	KW	4.5
Mitsubishi servo motor	KW	1.0
Working pressure	KG/CM²	35-50
Standard configuration		Cooling system, oil pressure system, adjustment tools

Cooling pump power	W	90
Applicable saw blade	mm	300/315/350/400/450
Machine size	mm	2200*1400*2200
Machine weight	KG	1600

serial number	name	brand
1	Box	Homemade (low carbon steel plate welding)
2	Machine head	Homemade (casting)
3	Size gear	Kunshan Datong
4	Head motor and oil pump motor	Nantong Far East Special Motor
5	servo motor	Mitsubishi Japan
6	Servo controller	Mitsubishi Japan
7	touch screen	Weilun
8	The electromagnetic valve	TaiwanQiyang or Oil Research
9	Tubing	Lian Hui hydraulic
10	Oil pump	Taiwan Yongling
11	Ball screw rod	Taiwan TBI or Taiwan HIWIN
12	Linear Guides	Taiwan TBI or Taiwan HIWIN

13	Hydraulic cylinder	Precision homemade
14	Limit switch	Taiwan Tiande
15	Switching power supply	Taiwan Ming Wei
16	AC contactor	Schneider
17	Thermal overload relay	Schneider
18	Proximity switch	Omron
19	Equipment color	Light blue plus gray

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.

4. 450CNC can cut 150 tubes with thickness of 10mm