XS-455CNC servo automatic aluminum cutting machine

Factory direct sales/One year warranty/lifetime maintenance

Zhangjiagang cedar Seiko Technology Co., LTD

catalogue

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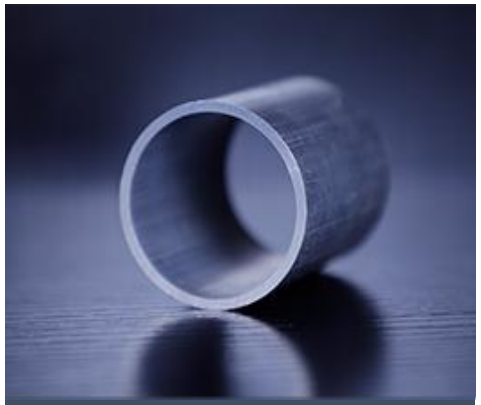
Product special point

Suitable for sawing aluminum extrusion, aluminum doors and Windows, heat sinks, wood, water pipes, sound panels.

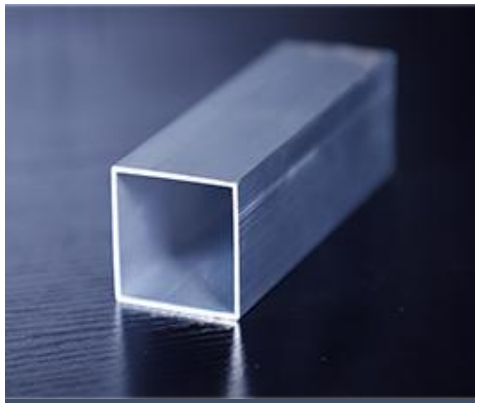
1. Using ball screw on the guide post horizontal automatic feeding, automatic clamping, automatic cutting function.
2. With no material automatic stop, saw blade protection function.
3. Internal silencer alloy saw blade cutting material can reduce noise.
4. Touch screen structure, more user-friendly interface.
5. From the bottom up to advance the knife, feed stable tool life is long, sawing accuracy is high.
6. Carefully designed feeding system, no damage to the surface of the workpiece, high feeding accuracy.
7. Unique up and down, front and back clamp design, clamping force is strong and solid, suitable for all kinds of heterosexual materials clamping.
8. Configure electronic sawing quantity counter.
9. Centralized processing of sawdust in the equipment chassis, convenient and clean; Optional vacuum cleaner collection.
10. Micro oil injection system, improve the life of the saw blade, avoid the pollution caused by saponification liquid.

Sample display

Sample display of Zhangjiagang cedar technology Co., Ltd



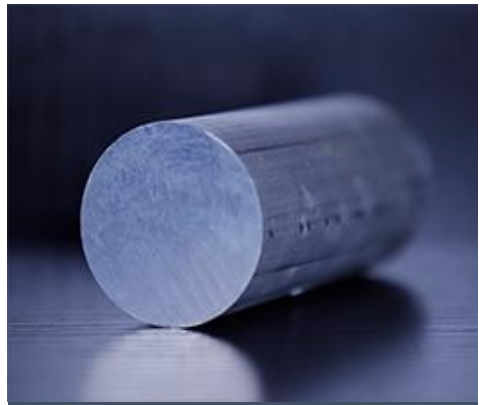
Round tube



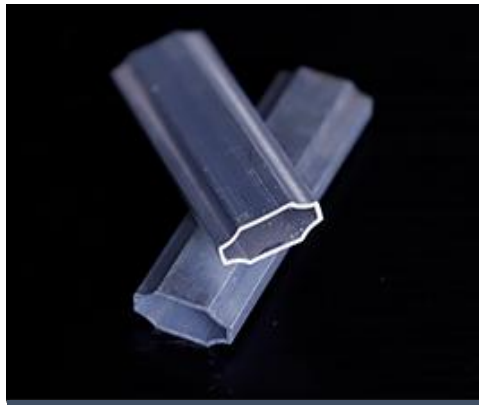
Square tube



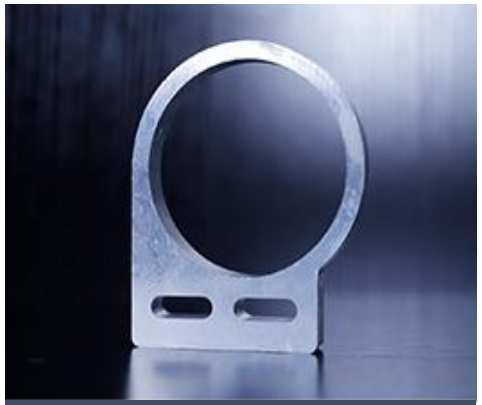
Cooling fin



Round rod



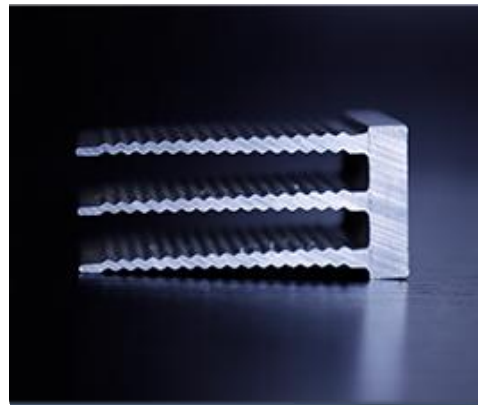
Aluminium tube



Profiled section



Profiled section



Cooling fin

Product details

Product details of Zhangjiagang cedar technology Co., Ltd



Easy to operate

Servo automatic feeding, automatic clamping, automatic cutting, on a piece of material, can cut different lengths.

Product details

Product details of Zhangjiagang cedar technology Co., Ltd



Feeding method: servo feeding, feeding accuracy can be reached±0.01mm

Mitsubishi servo motor drive ball screw, so that the feed car along the direction of the compass to move back and forth feed, precise length, simple operation.

Product details

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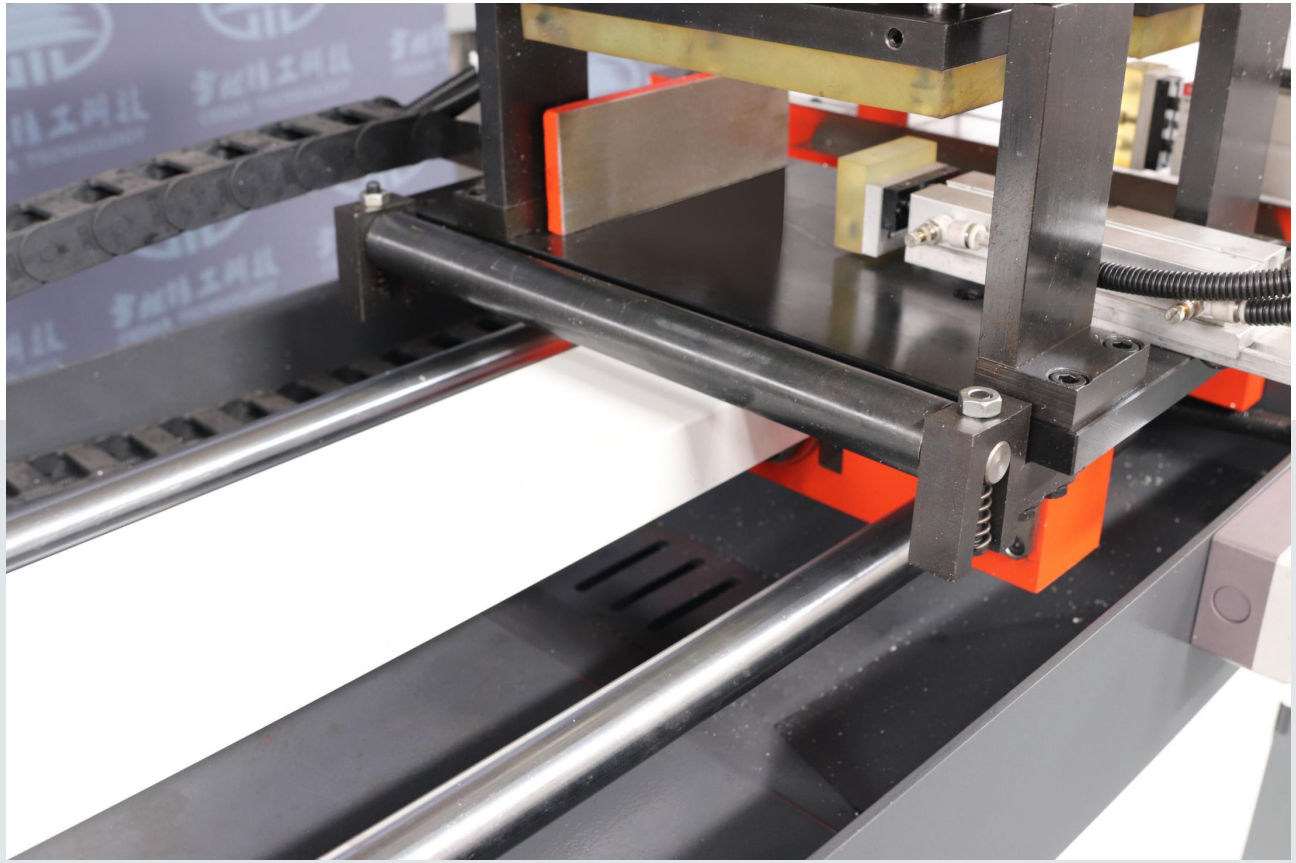


Clamping structure: the upper and lower side of the gantry are clamped, and the clamping pipe fittings are more secure

1. The upper and lower clamping of the gantry frame and the vertical clamping assisted by the side cylinder are used. The contact surface is equipped with rubber pads to ensure that the upper and lower parts of the material are clamped to prevent scratches and improve the verticality of the incision.
2. The upper and lower clamping is equipped with four guide posts and copper sleeves, which makes the clamping force more uniform and more durable.
3. The main clamp adopts a closed cover shell gland, and the saw blade rises to cut off the material and enters the gland to improve safety.

Product details

Product details of Zhangjiagang cedar technology Co., Ltd



Feeding trolley floating structure: effectively prevent the material from scratching during feeding

The anti-scratch structure of the spring jacking roller after the feeding clip, the main clip is tightened, the feeding clip is loosened, the spring jacking up, the roller holds up the material (to prevent scratching), the feeding trolley pulls back to clamp the material, and the spring is compressed by force. Prevent material from being scratched when the car is backing up.

Product details

Product details of Zhangjiagang cedar technology Co., Ltd

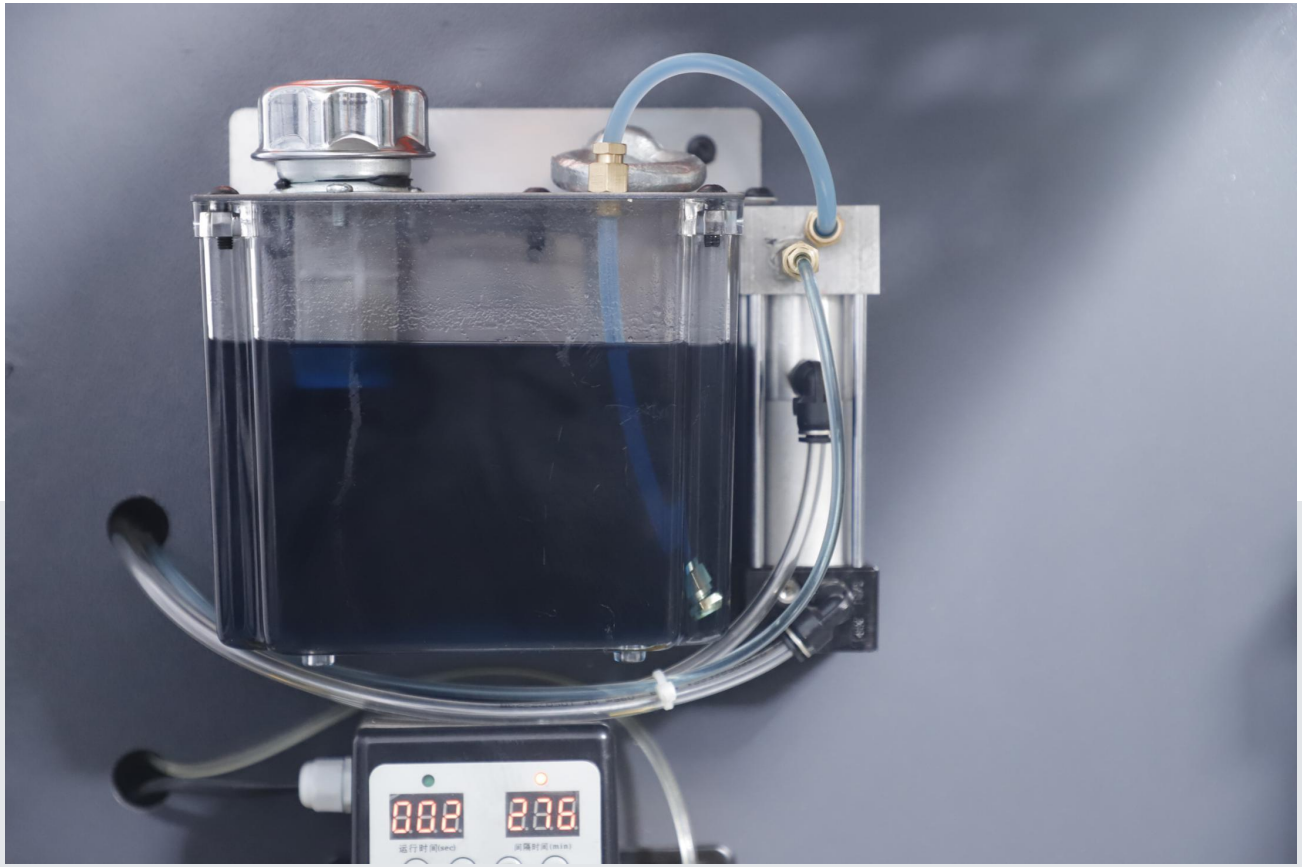


Automatic electronic oil injection pump: automatic oil injection, prolong the service life of the machine

1. On time, according to the amount, automatic oil lubrication guide screw, improve the service life and accuracy of equipment;
2. Simple adjustment, stable oil injection, no oil alarm to remind manual refueling.

Product details

Product details of Zhangjiagang cedar technology Co., Ltd

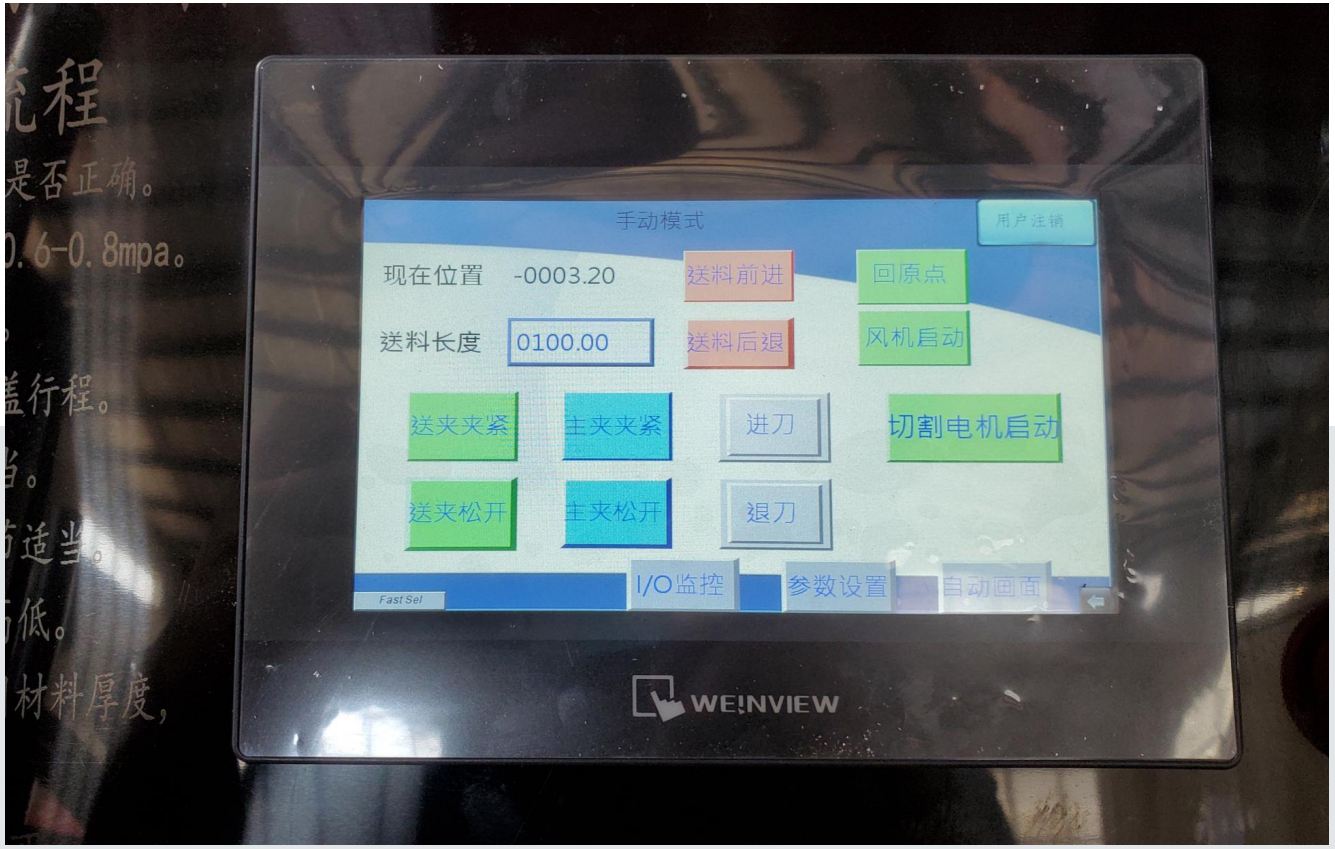


Cooling system: automatic oil injection, lubrication saw blade, make the saw blade more durable, cutting surface more smooth

1. Use coolant and micro-spray to cool and lubricate the saw blade, improve the quality of the cut;
2. Micro-spray set the injection frequency and amount in the system, which can be adjusted arbitrarily according to the sawing thickness and effect requirements.

Product details

Product details of Zhangjiagang cedar technology Co., Ltd



Semi-automatic mode: Semi-automatic mode can also cut, easy to cut the end material

Auxiliary cutting tail material, set the length after the start, automatic clamping, automatic feed, cut off, automatic cutting, automatic cutting back.

Product model comparison

Comparison of product models of Zhangjiagang cedar technology Co., Ltd

Semi-automatic aluminum cutting machine								
Machine type	unit	XS-455AL	ZS-455AL（Portal frame）	ZS-505AL	XS-505AL（Portal frame）	XS-505Y Transverse cutting machine	XS-505AL Arbitrary Angle	ZS-610AL
Sawing Angle	°	45°/90°	45°/90°	45°/90°	45°/90°	45°/90°	-35°~35°	45°/90°
Maximum cutting height	mm	125	125	155	155	155	145	220
Maximum cutting width	mm	300	300	320	300	480	400	400
Maximum saw cut round rod	mm	120	120	150	150	155	145(直角)	220
Maximum sawn square tube	mm	110*110	110*110	130*130	130*130	155*155	145*145	190*190
Net machine size	mm	800*800*1150	800*800*1560	800*800*1300	800*800*1650	1460*800*1920	860*1050*1850	1100*1100*2000
Machine weight	KG	303	320	340	360	400	400	400
		Pneumatic automatic aluminum cutting machine	Servo automatic aluminum cutting machine					
Machine type	unit	XS-455CNC (pneumatic)	XS-455CNC(Made in China)	XS-455CNC (entrance)	XS-455CNC Transverse cutting machine (Linear guide)	XS-505CNC Transverse cutting machine (Heavy bench)	XS-505CNC Transverse cutting machine(Linear guide)	XS-505CNC Transverse cutting machine (Dual servo)
Sawing Angle	°	90°	90°	90°	90°	90°	90°	90°
Maximum cutting height	mm	110	110	120	125	155	155	155
Maximum cutting width	mm	240	250	280	390	380	440	440
Maximum saw cut round rod	mm	110	110	110	110	155	155	155
Maximum sawn square tube	mm	110*110	110*110	110*110	110*110	145*145	155*155	155*155
Net machine size	mm	1650*800*1600	1980*1000*1600	2100*930*1600	2800*2000*1800	2880*1367*1985	2800*2000*1900	2800*2000*1900
Machine weight	KG	500	560	660	1300	1196	1500	1500
Product use	Suitable for sawing aluminum profiles, aluminum doors and Windows, heat sinks, wood, water pipes, speaker panels							

Equipment parameter

Equipment parameters of Zhangjiagang cedar technology Co., Ltd

item	unit	XS-455CNC
Sawing Angle	°	90°
Sawing Angle	mm	120
Maximum cutting width	mm	280
Maximum sawn circular tube	mm	110
Maximum sawn square tube	mm	110*110
Spindle speed	rpm	2800
Sawing motor power	kw	5.5
Sawing accuracy	mm	±0.05
Single feed trip	mm	6-700mm
Use saw blade diameter	mm	φ355-455
Saw blade inside hole	mm	φ25.4
Saw seam		12
Bench thickness	mm	88
Surface finish	um	Depending on the blade<10um
Required air pressure	kg/cm²	6-8
Operating voltage		380V/50HZThree-phase electricity
Machine size	mm	2100*930*1600
Machine weight	kg	660
Product use		Suitable for sawing aluminum profiles, aluminum doors and Windows, heat sinks, wood, water pipes, speaker panels

Equipment configuration

Equipment configuration of Zhangjiagang cedar technology Co., Ltd

name	brand
Work table	Precision casting
High speed spindle	Integral spindle
High speed bearing	Japan NTN
Feed ball screw	Shangyin Taiwan
Contact switch	Schneider of France
Ac contactor	Schneider of France
Fuse wire	Schneider of France
Overheat relay	Schneider of France
relay	Schneider of France
transformer	Shanghai Zhiwen
Air cylinder	Airtac
Air valve	Airtac
Pneumatic seal element	Airtac
Main motor	Guan Shun
Feed servo motor	Mitsubishi
PLC controller	Mitsubishi

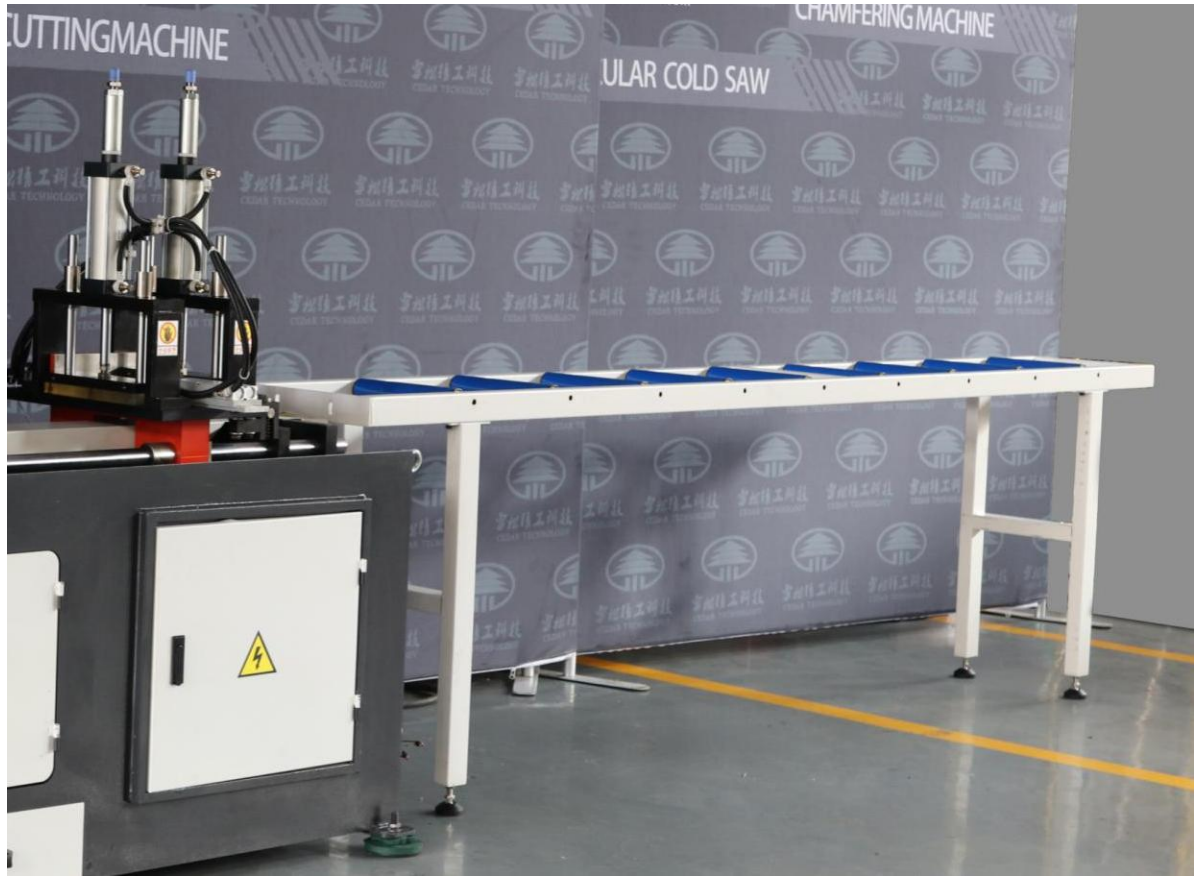
Equipment supply list

Equipment supply list of Zhangjiagang cedar technology Co., Ltd

Serial number	name	specification	quantity	remark
1	Host machine		1/Taiwan	
2	Hex key	3-14	1/Set of	
3	Instruction manual		1/this	Random file
4	Certificate of conformity		1/zhang	Random file

Personalized selection

Optional accessories



Loading rack

Can be selected according to the needs of the dosing rack, calculated by meter price

Personalized selection

Optional accessories



Add vacuum cleaner

Absorb aluminum scraps to ensure a clean and tidy working environment

Personalized selection

Optional accessories



Personalized selection

The suitable aluminum saw blade is selected according to the size and processing requirements of the workpiece.

cooperative partner

Our components and materials come from the world's famous manufactures

Silver linear guide rail

Qiyang

Vinylon screen

Siemens

mitsubishi

Internal secret control

Schneider

Youyan

Omron

Concurrent room

Yaskawa

Delixi

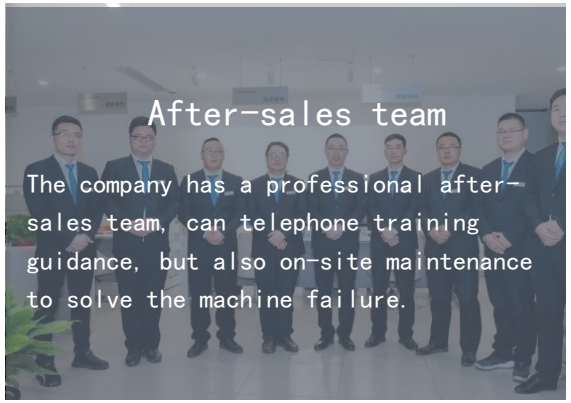
Company advantage

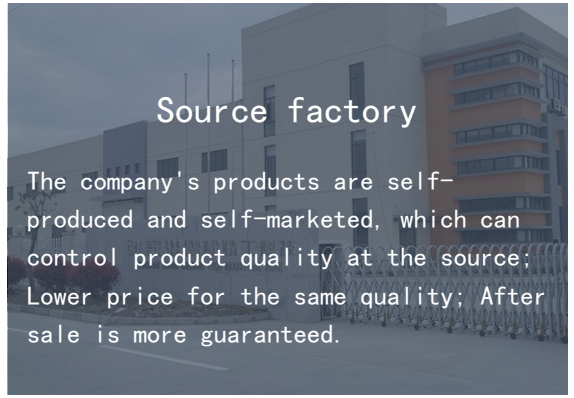
Product advantages of Zhangjiagang cedar technology Co., Ltd

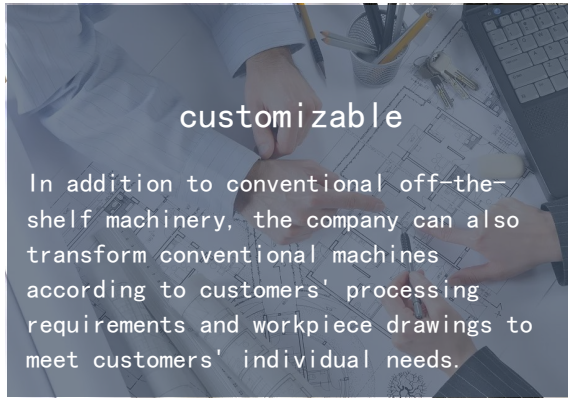
Zhangjiagang xuesong precision work technology

Zhangjiagang Cedar Seiko Technology Co., Ltd. is located in Zhangjiagang, a new port industrial city at the intersection of coastal and Yangtze River economic development belts. It is a new enterprise integrating industrial automation system development and production, non-standard automation product research and development, production and sales services. The company is mainly engaged in aluminum cutter/pipe cutter/chamfering machine/pipe bender/rounding machine/pipe shrinking machine/pipe end forming machine. The company's products are applied to the processing of metal tube products in automobile, air conditioner, motorcycle, electric vehicle, bicycle, sports and fitness equipment, steel tube furniture, tourism and leisure products, water heating and bathroom, etc., and provide efficient mechanical equipment.Zhangjiagang Cedar Seiko Technology Co., Ltd. is located in Zhangjiagang, a new port industrial city at the intersection of coastal and Yangtze River economic development belts. It is a new enterprise integrating industrial automation system development and production, non-standard automation product research and development, production and sales services. The company is mainly engaged in aluminum cutter/pipe cutter/chamfering machine/pipe bender/rounding machine/pipe shrinking machine/pipe end forming machine. The company's products are applied to the processing of metal tube products in automobile, air conditioner, motorcycle, electric vehicle, bicycle, sports and fitness equipment, steel tube furniture, tourism and leisure products, water heating and bathroom, etc., and provide efficient mechanical equipment









Company qualification

Qualification of Zhangjiagang cedar technology Co., Ltd

















After-sales service

After sales service of Zhangjiagang cedar Seiko technology Co., Ltd

The machine is guaranteed for one year.

The equipment is guaranteed for 12 months before leaving the factory. During the warranty period, the supplier shall provide free warranty for any manufacturing quality problems, and the user shall bear reasonable repair fees for other reasons. After the expiration of the warranty period, spare parts and good service are still provided, and the fees are reasonable.The equipment is guaranteed for 12 months before leaving the factory. During the warranty period, the supplier shall provide free warranty for any manufacturing quality problems, and the user shall bear reasonable repair fees for other reasons. After the expiration of the warranty period, spare parts and good service are still provided, and the fees are reasonable.

Quick corresponding and timely processing

When the equipment is in use, if it breaks down, the supplier will respond within 2 hours after receiving the notice from the buyer. If it can't be solved directly on the phone, send someone to the scene within 24 hours, and the general fault will be solved within 48 hours, and the major fault will be solved as quickly as possible, in principle, it will not exceed 72 hours (except holidays).

Thank you for your support and trust in Cedar Seiko.

Factory Outlet/One-year Warranty/Lifelong Maintenance

Zhangjiagang xuesong precision work technology co., ltd