XS-610CNC-H Full automatic cross cutting aluminum cutting machine

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 aluminum profile cutting machine, full-automatic aluminum profile cutting machine and other automatic online 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.

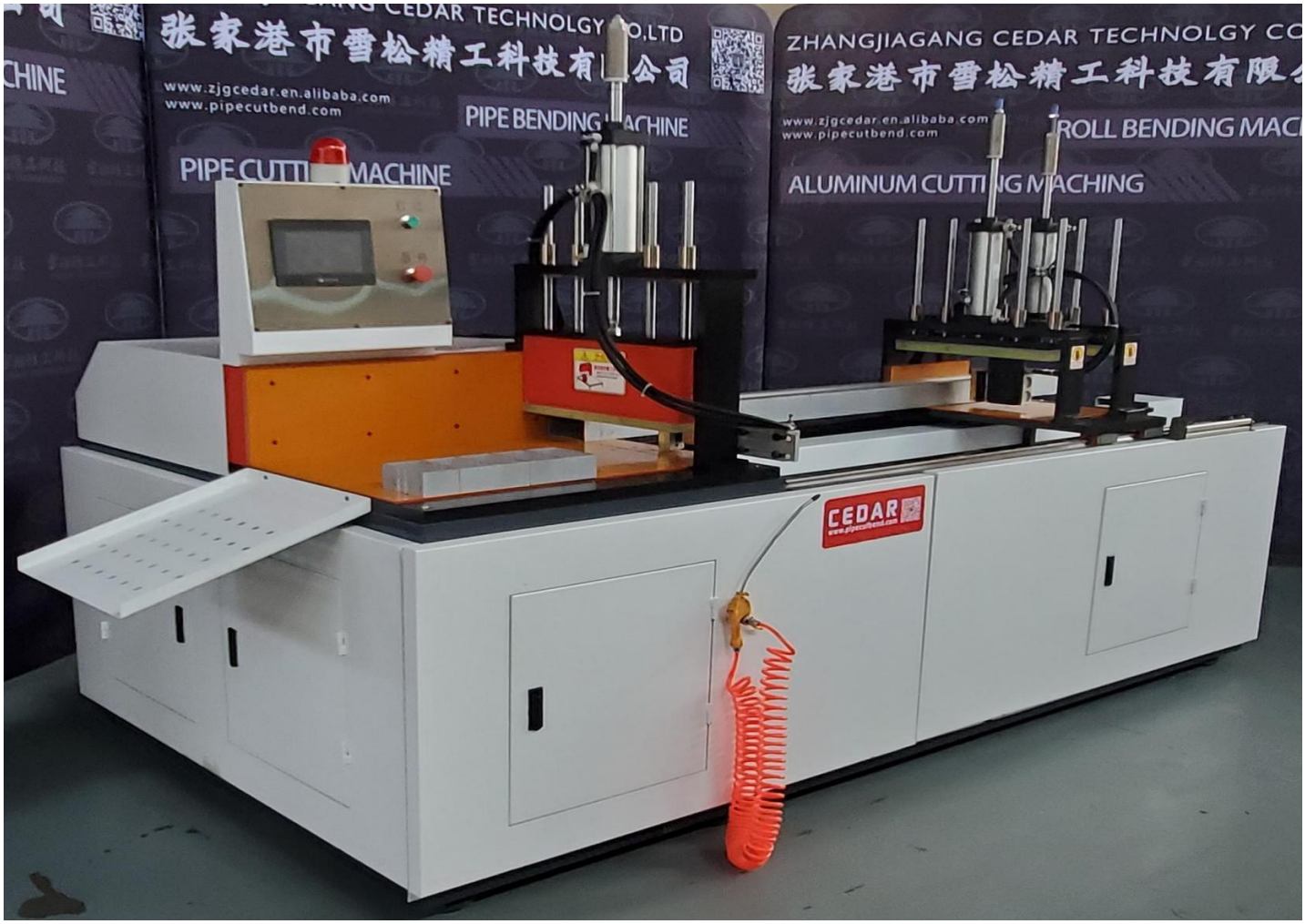
The products are sold in large quantities in domestic and foreign markets and exported to more than 60 countries and regions (Germany, Brazil, India, Indonesia, Malaysia, Vietnam, the United Arab Emirates, Russia, etc.) in Europe, Southeast Asia, South America, Africa and the United States

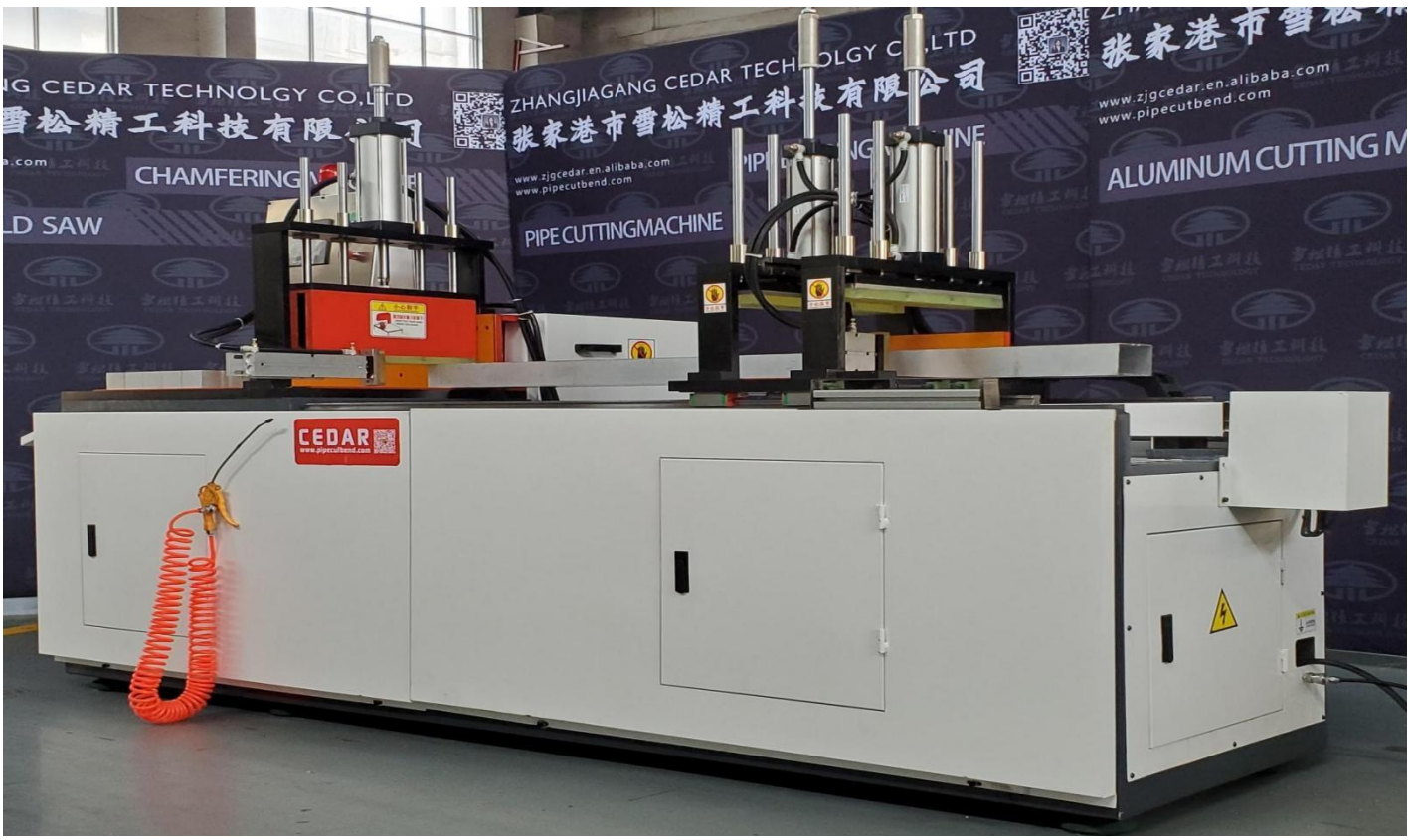
Quality: We always believe that good quality will speak, and only high-quality products are the basis for the survival of enterprises; Science and technology: In the face of the ever-changing business, the only way for an enterprise to survive is to constantly learn and innovate;

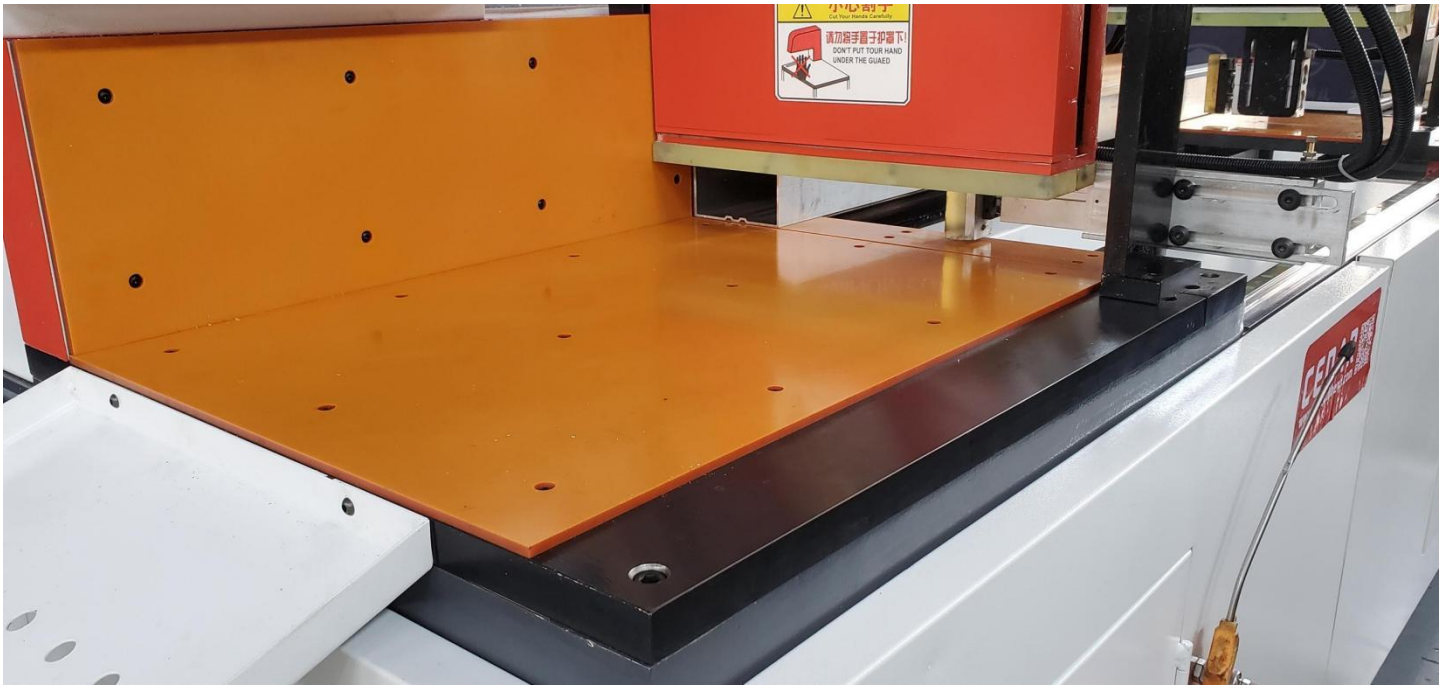
Service: understand customer needs, meet customer needs, we do not only machines, but also customized machines, your satisfaction is our constant pursuit!

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.

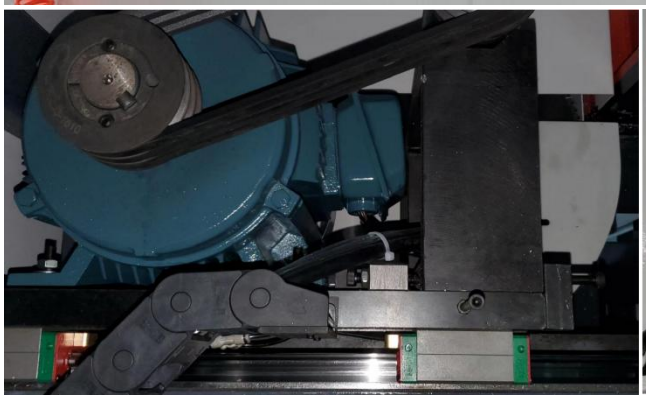
Enterprise mission: do well in equipment, serve the society, and let more customers create greater value.

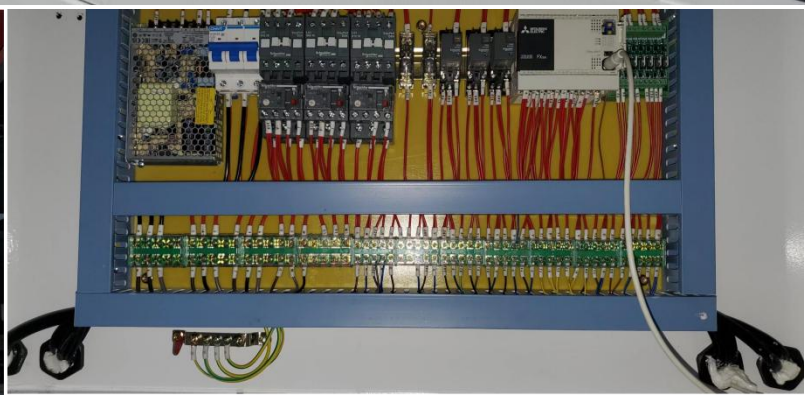

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ALUMINUM CUTTING MACHING
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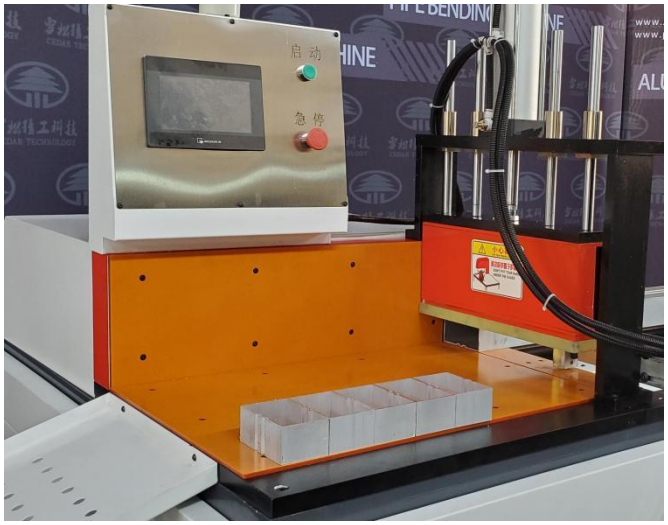




(Note: The saw blade moves horizontally; Optional: protective cover, feeding rack, vacuum cleaner system)

Equipment characteristics：

The equipment can be used for sawing copper, aluminum extrusion, aluminum doors and windows, heat sinks, wood, water pipes, audio panels, etc. The Yadeke cylinder air pressure clamping method is used for clamping, and the hydraulic propulsion method is used for the horizontal cutting of the saw blade, so the feed is more stable. It is suitable for cutting workpieces with long width, the cylinder clamps materials, and the servo motor drives the feeding mechanism.。



The equipment has the advantages of smooth and smooth sawing, accurate feeding, simple and fast operation, simple maintenance, etc. It is the best choice for precision sawing of copper and aluminum materials at home and abroad.

1. Use the ball screw and screw nut to drive the feeding seat to automatically feed, clamp and cut materials;

2. It has the function of automatic stop without material and saw blade protection;

3. Internal horizontal sawing structure, the whole saw blade is closed, which can reduce noise;

4. Touch screen structure is adopted to make the interface more user-friendly;

5. The front and rear horizontal Taiwan silver linear guide rails are used for feeding, which is suitable for cutting long workpieces, with stable feeding, long tool life and high sawing accuracy;

6. The feeding system is carefully designed. The Taiwan Shangyin linear guide rail is used to carry the feeding, which will not damage the workpiece surface and has high feeding accuracy;

7. Unique design of upper, lower, front and rear clamps, with strong clamping force;

8. Configure electronic sawing quantity counter.

9. The sawdust shall be disposed in a centralized manner, which is convenient and clean.

10. Micro fuel injection system, cooling system, guide screw lubrication system, improve the service life of saw blade and machine;

Equipment parameters:

project	unit	XS-610CNC-H
Cutting angle	°	90°
Sawing capacity◯	mm	200
Maximum sawing capacity limit	mm	490
Sawing motor speed	RPM	3200RPM
Table size	Mm	630*770
Sawing motor/oil pump motor power	kw	7.5 KW / 0.75KW+VP20
Spindle speed	RPM	2200
Servo motor power	KW	1.0 (Mitsubishi Japan)
Maximum stroke of single feeding	mm	1200
Feeding accuracy	mm	±0.05
Feeding speed	Mm/S	200 Adjustable
Surface finish	um	<10um
Required air pressure	kg/cm²	5-8
Use saw blade	mm	Φ355-610mm internal diameter 25.4
Saw driving mode		Horizontal lateral feed
Composition of saw driving mode		Pneumatic clamping, hydraulic lateral feed
Machine size≈	mm	3000*1600*1800
Machine weight≈	Kg	1500

Device Configuration:

Serial number	content	parameter
1、	circuit changer	Chint joint venture
2、	electric relay	Schneider France
3、	transformer	Jinbao Electromechanical Taiwan
4、	air cylinder	AirTAC Taiwan
5、	air valve	AirTAC Taiwan
6、	Pneumatic sealing element	AirTAC Taiwan
7、	Bearing	Japan NSK
8、	AC contactor	Schneider France
9、	safety wire	Schneider France
10、	Overheat relay	Schneider France
11、	ball screw	WIHIN Taiwan
12、	Cutting motor	Jiangsu Guanshun
13、	Feeding servo motor	Mitsubishi Japan
14、	PLC controller	Mitsubishi Japan
15、	Guide slider	WIHIN Taiwan

Equipment Supply List:

serial number	name	spec	quantity	remarks
1、	main engine		1/F	
2、	inner hexagon spanner	3-14	1/set	
3、	operating instruction		1/Present	random file
4、	certificate		1/ sheets	random file

after-sale service:

a) The equipment is guaranteed for 12 months. 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 Still provide accessories and good service, reasonable charge.

b) When the equipment is in use, in case of failure, the supplier shall respond within 2 hours after receiving notice from the buyer. If the telephone can not be solved directly, send a person to the scene within 24 hours, the general fault within 48 hours to solve, the major fault with the fastest speed to solve, in principle not more than 72 hours (except holidays).

c)The supplier is responsible for timely feedback to the buyer on the development trend of the new process, introducing the characteristics of the

new equipment, providing advanced technology, and explaining the challenge of the buyer.

Zhangjiagang City Cedar Technology Co., Ltd