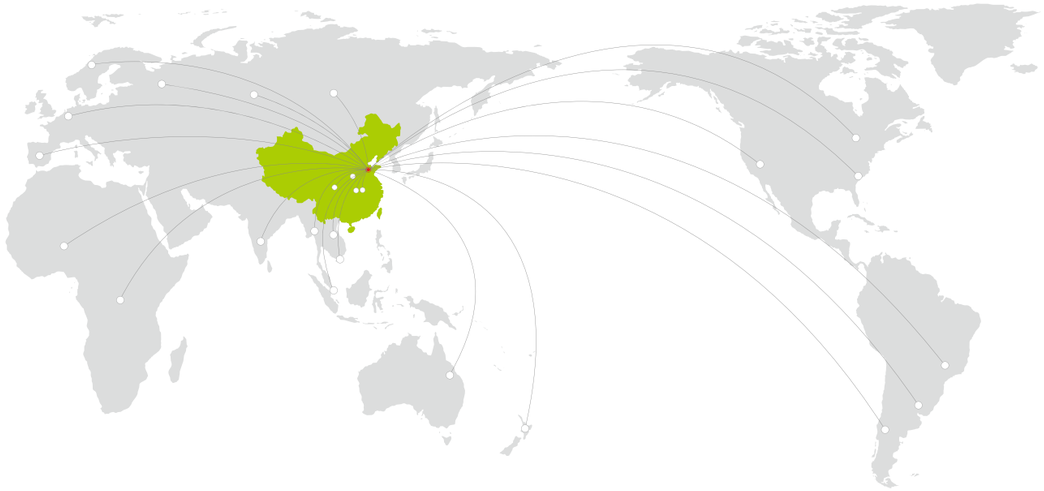


TRUEPRO

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Statment: The company reserved the right to change the appearance, structure, color, model and price about all equipments. If the above will be modified, please forgive us not to notify. The pictures in this manual may be different from the object, please make the object as the standard.

如果样板图与实物不符，敬请谅解！电话：13335105915

TRUEPRO

JINAN TRUEPRO CNC MACHINE CO.,LTD.
www.trueprocnc.com

Aluminum uPVC &

Window and Door Processing Machinery

TRUEPRO

Welcome to TRUEPRO

QUALITY COOPERATE PROFESSIONAL SHARING

Brief Introduction

About TRUEPRO:

TRUEPRO is a high-end intelligent equipment manufacturing enterprise integrating scientific research, production and sales, specializing in the research, development, manufacture and sales of aluminum door and window equipment, aluminum curtain wall equipment, industrial aluminum intelligent processing equipment, plastic door and window equipment and insulating glass equipment. The products are exported to more than 100 countries and regions around the world and highly affirmed by users.

Leading technology:

Developed and manufactured by industry veterans, the strategy of "parallel R&D" is adopted, and a number of R&D personnel conduct parallel R&D, so as to quickly achieve technological breakthroughs, independently innovate, master core technologies, continuously upgrade product performance, and ensure technological leadership in the industry.

Multiple products:

Rich product models and powerful trinity supporting ability meet the diversified needs of users, broaden the richness and diversity of door and window processing, create an intelligent and efficient processing mode, and help users transform and upgrade digitally and intelligently.

Quality assurance:

Many years of manufacturing experience in the leading assembly technology and service industry, standardized manufacturing technology and finished product inspection system, manufacturing and inspecting each equipment with higher standards than the industry, and three inspection processes before leaving the factory to ensure that the product quality is higher than the peer standards.





Integrated Intelligent Workstation

CGS-6500

Real-time interconnection | Data optimization | Code scanning processing | Automatic feed | Laser drilling scribing | Spindle linkage milling | Arbitrary angle cutting | Automatic labeling

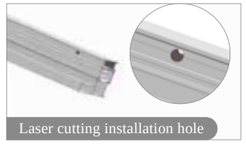
Integrated processing, one machine is all done

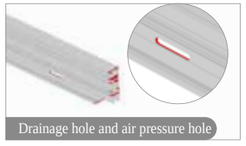
Intelligent production line for doors and windows integrating drilling, slotting, cutting, corner protection, laser scribing, punching and label printing.

Intelligent machining of frame profile, sash profile and mullion profile in the whole process

Zero turnover, zero sorting and single operation




Laser cutting installation hole


Drainage hole and air pressure hole


Floor drain hole and installation hole


Handle hole and lock box slot

Processing content

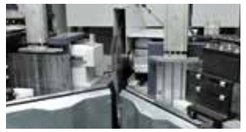
- Cutting at any angle of-45° ~ 45°.
- Handle hole/lock box slot/corner code hole.
- Various installation holes and drainage holes.
- Transmission rod notch.
- Positioning laser line drawing in the mullion.
- Corner guard cutting.

NO.	ITEMS	CGS-6500	NO.	ITEMS	CGS-6500
01	Power supply	380V/50Hz	09	Cutting angle	45°、90°、-45°
02	Total power	18.5~30kW(According to the configuration)			Arbitrary angle
03	Working air pressure	0.5~0.8MPa	10	Overall dimension	15000×3000×2600mm
04	Blade specification	Φ550×Φ30×4.4 Z=120			
05	Profile processing Width	120mm	11	Positioning accuracy	±0.1mm
06	Profile processing Height	155mm	12	Repetitive positioning accuracy	±0.05mm
07	Feeding length	700~6500mm	13	Flatness of cutting profile	≤0.10mm
08	Length of outgoing material	250~3500mm	14	Cutting angle error	±5′

CNC Cutting Center for Aluminum Profile

CLJZD-CNC-6600

Sawing unit



Discharging unit

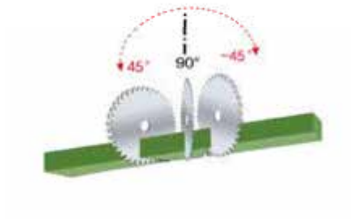


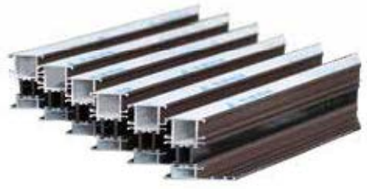
Label printing unit



Nc operating system







- Numerical control operating system, which can realize scanning code to identify bill of materials and can be connected with ERP software.
- The automatic feeding workbench can continuously and automatically clamp profiles for cutting.
- According to the profile library established by customers, automatically adjust the position of manipulator after changing profiles.
- The manipulator adopts imported high-precision gear rack to ensure the feeding accuracy.
- The moving part adopts high-precision linear guide pair, which runs smoothly and ensures the machining accuracy.
- The imported motor is directly connected to the saw blade, which makes the cutting stable and the machining accuracy high.
- The enclosure is fully enclosed to ensure the safety of operators.
- The damping cylinder is cut by feeding mode to ensure the stability.
- The unique design method can realize the ultra-short cutting of 180mm.
- Quick cutting and quick positioning.
- Welding frame of high-quality carbon structural steel: thermal aging stress relief treatment and precision machining.
- Guide rail: X, Y and Z axes adopt high-precision linear guide rail (Taiwan Province HIWIN).
- Drive system: The imported all-digital AC brushless servo drive system is adopted.
- Spray cooling system: it can be used in conjunction with the processing program.

NO.	ITEMS	CLJZD-CNC-6600	NO.	ITEMS	CLJZD-CNC-6600
01	Input power supply	380V/50Hz	08	Cutting width	30~150mm
02	Cutting motor power	3×3.0kW	09	Cutting length	180~6600mm
03	Feeding motor power	0.55kW	10	Cutting angle	45°、90°、-45°
04	Discharge servo motor power	0.75kW	11	Roughness of machined surface	Ra 6.3μm
05	Working air pressure	0.6~0.8MPa	12	Overall dimension	16000×2600×2500mm
06	Saw blade specification	Φ500×Φ30×4.4×120T	13	Weight	About 4000kg
07	Cutting height	30~150mm			

Integration Double-head Precision Cutting Saw

CLJZ2SJ-550*4200

Customizable 500/600 saw blade models





- Numerical control operating system, which can be connected with customer ERP software.
- It is suitable for cutting aluminum curtain wall profiles, door and window profiles and plastic profiles.
- With the casting structure of the machine head, the whole machine has better shock absorption effect and high stability.
- The movement of the right machine head adopts a high-precision rack and pinion movement mode, which has high transmission precision, accurate positioning and stable work.
- The two saw heads can automatically switch angles to realize the angle cutting of 45° and 90° profiles.
- The two saw heads can automatically swing the angle and cut the length according to the requirements of the blanking sheet.
- Imported high-precision spindle motor, saw blade rotates stably.
- The hydraulic damping cylinder realizes uniform feed speed regulation and stable movement.
- Material height measuring device,Automatic material supporting structure.
- Can scan the blanking sheet, bar code printing function, and can do continuous code scanning identification from cutting to the following process.

NO.	ITEMS	CLJZ2SJ-550*4200	NO.	ITEMS	CLJZ2SJ-550*4200
01	Input power supply	380V/50Hz	09	Cutting length	Max. 4200mm Min. 360mm at 90°
02	Cutting motor power	2×3.0kW 2800r/min			Max. 4200mm Min. 360mm at 45°
03	Servo motor power	1.5kW 4050r/min	10	Cutting width×height	Max. 180mm×150mm at 45°
04	Working air pressure	0.5~0.8MPa			Max. 180mm×200mm at 90°
05	Air consumption	60L/min	11	Cutting angle	90°、45°
06	Saw blade specification	Φ550×Φ30×4.4 Z=120	12	Fixed-length speed	0~50m/min
07	Cutter feeding speed	0~3m/min	13	Overall dimension	6500×1750×1950mm
08	Cutter moving speed range	0~20m/min	14	Weight	About 1850kg

CNC Double-head Precision Cutting Saw

CLJZ2S-500*4200

Customizable 550/600 saw blade models





- It is suitable for cutting aluminum curtain wall profiles, door and window profiles and plastic profiles.
- Adopt numerical control system control, simple operation and high production efficiency.
- The feeding system adopts imported linear guide pair, which has high precision and good stability.
- The movement of the right machine head adopts a high-precision rack and pinion movement mode, which has high transmission precision, accurate positioning and stable work.
- The two saw heads can automatically switch angles to realize the angle cutting of 45° and 90° profiles.
- Carbide saw blade has high machining accuracy and durability.
- Imported linear bearing kinematic pair to ensure cutting accuracy.
- High precision spindle, stable rotation of saw blade.
- The hydraulic damping cylinder realizes uniform feed speed regulation and stable movement.
- Automatic opening and closing of protective cover makes work safe and convenient.

NO.	ITEMS	CLJZ2S-500*4200	NO.	ITEMS	CLJZ2S-500*4200
01	Input power supply	380V/50Hz	09	Cutting length	Max. 4200mm Min. 360mm at 90°
02	Cutting motor power	2×2.2kW 2800r/min			Max. 4200mm Min. 360mm at 45°
03	Servo motor power	1.5kW 4050r/min	10	Cutting width×height	Max. 150mm×150mm at 45°
04	Working air pressure	0.5~0.8MPa			Max. 150mm×200mm at 90°
05	Air consumption	60L/min	11	Cutting angle	90°、45°
06	Saw blade specification	Φ500×Φ30×4.4 Z=120	12	Fixed-length speed	0~50m/min
07	Cutter feeding speed	0~3m/min	13	Overall dimension	5900×1750×1950mm
08	Cutter moving speed range	0~20m/min	14	Weight	About 1650kg

CNS Double-head Precision Cutting Saw

CLJZ2X-500*4200

Customizable 550/600 saw blade models





- It is suitable for cutting aluminum curtain wall profiles, door and window profiles and plastic profiles.
- The imported digital magnetic grid system can automatically display the cutting length, with high precision of repeated positioning and convenient operation.
- Adapted to the development of international aluminum doors and windows and curtain wall processing industry.
- Simple operation, reliable performance, advanced technology and easy maintenance.
- Using cemented carbide saw blade, cutting speed is high, productivity is high, and machining accuracy is high.
- The two saw heads can work independently or simultaneously.
- At the same time, when working, it can cut out the required length and angle at both ends of the profile at one time.

NO.	ITEMS	CLJZ2X-500*4200	NO.	ITEMS	CLJZ2X-500*4200
01	Input power supply	380V/50Hz	08	Cutting width×height	Max. 150mm×150mm at 45°
02	Cutting motor power	2×2.2kW			Max. 150mm×200mm at 90°
03	Motor rotary speed	2800r/min	09	Cutting angle	90°、45°
04	Working air pressure	0.5~0.8MPa	10	Cutting angle error	5'
05	Air consumption	60L/min	11	Flatness of cutting profile	≤ 0.10mm
06	Saw blade specification	Φ500×Φ30×4.4 Z=120	12	Roughness of cutting surface	Ra12.5μm
07	Cutting length	Max. 4200mm Min. 360mm at 90°	13	Overall dimension	5700×1750×1950mm
		Max. 4200mm Min. 360mm at 45°	14	Weight	About 1600kg

CNC Variable Angle Double-head Cutting Saw

CLJB2BS-600*6000

Customizable 550/500 saw blade models



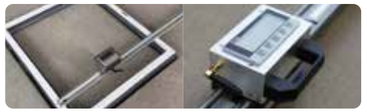


- It is suitable for cutting industrial aluminum profiles, broken aluminum doors and windows, curtain wall profiles at any angle between 45° and 157.5°. It is a numerical control system, and can realize advanced functions such as optimized blanking of profiles.
- The whole machine adopts European model, with neat appearance and generous style.
- Imported motor direct saw blade.
- The saw blade feed is driven by pneumatic-hydraulic damping cylinder, and the cutting is stable.
- High precision imported cutting saw blade with smooth cutting section.
- Imported servo motor drives reducer.
- You can input the dimensions of several profiles to be cut at one time to realize continuous cutting with different lengths.
- Realize the direct input of machining dimension, and change the sawing length without going back to the reference point.
- There is a saw blade sealing device under the workbench, which has good chip removal effect.
- With follow-up opening and closing saw cover, it is safe, reliable and has a good working environment.
- Two cylinders in each machine head clamp the profile, and the cutting is safe and reliable.

NO.	ITEMS	CLJB2BS-600*6000	NO.	ITEMS	CLJB2BS-600*6000
01	Input power supply	380V/50Hz	09	Cutter moving speed range	0~20m/min
02	Cutting motor power	2×3.0kW	10	Cutting length	Max. 6000mm Min. 360mm at 90°
03	Motor rotary speed	2800r/min			Max. 6000mm Min. 760mm at 45°
04	Servo motor power	2×1.0kW+1×1.5kW 4050r/min	11	Cutting width×height	Max. 200mm×270mm
05	Working air pressure	0.5~0.8MPa	12	Cutting angle	45°~157.5° Any angle in the range
06	Air consumption	60L/min	13	Cutting length error	±0.2mm
07	Saw blade specification	Φ600×Φ30×4.4 Z=144	14	Overall dimension	7800×1500×2040mm
08	Cutter feeding speed	0~3m/min	15	Weight	About 2000kg

Window and Door Glazing Bead CNC Cutting Saw

CLYT-CNC-350





- It is suitable for the 90° precision cutting process of aluminum alloy glass profile, equipped with wireless hand-held transmission system, and suitable for mass continuous production.
- Adopting infrared transmission, the accuracy is accurate, and no secondary modification is required.
- Equipped with tool detection system to indicate the service life.
- Equipped with wireless handheld transmission system, automatic material reduction function.
- Coding function is standard, which is convenient for customers to use the material type, and will not make the wrong choice, thus improving the utilization rate on the spot.
- Equipped with Simic 2.0kW spindle motor, it has high power and strong load capacity, which provides guarantee for later use.

NO.	ITEMS	CLYT-CNC-350	NO.	ITEMS	CLYT-CNC-350
01	Input power supply	380V/50Hz	09	Cutting angle	90°
02	Cutting motor power	1.5kW	10	Cutting angle error	5'
03	Motor rotary speed	2800r/min	11	Flatness of cutting profile	≤ 0.10mm
04	Working air pressure	0.5~0.8MPa	12	Roughness of cutting surface	Ra12.5μm
05	Air consumption	15L/min	13	Overall dimension	8500×1200×1100mm
06	Saw blade specification	Φ350×Φ30×3.2mm	14	Weight	About 500kg
07	Cutting width	Max.70mm			
08	Cutting height	Max.80mm			

CNC Corner Connector Cutting Saw

CLJJA-CNC-500





- It is suitable for cutting angle code profiles of aluminum doors and windows, and can realize continuous cutting of 6-meter angle code profiles only by one clamping.
- The servo control system is connected with the ball screw, so the positioning is more accurate and the degree of automation is high.
- The machine has the advantages of simple operation, reliable performance, advanced technology and easy maintenance.
- Using imported PLC control system, the degree of automation is high.
- Adopt cemented carbide saw blade, with high cutting speed, high productivity and high machining accuracy.
- The feed motion pair adopts linear motion bearing, which has low motion resistance and high precision.
- The feeding mechanism adopts automatic feeding system, which is stable, reliable and efficient.
- Clamping and sawing are controlled by pneumatic system, which is convenient to operate, safe and reliable, and has high production efficiency.
- The control system has the function of automatic counting, and automatically saves the number of cut segments when power is cut off.

NO.	ITEMS	CLJJA-CNC-500	NO.	ITEMS	CLJJA-CNC-500
01	Input power supply	380V/50Hz	09	Cutting height	140mm
02	Cutting motor power	3.0kW	10	Cutting angle	90°
03	Motor rotary speed	2800r/min	11	Automatic feeding length	0~580mm
04	Working air pressure	0.6~0.8MPa	12	Overall dimension	5670×1770×1840mm
05	Air consumption	30L/min	13	Weight	About 750kg
06	Saw blade specification	Φ500×Φ30×4.4 Z=120			
07	Cutter feeding speed	0~3m/min			
08	Cutting width	Max.140mm			

Corner Connector Automatic Cutting Saw
CLJJA-500



- It is suitable for cutting angle code profiles of aluminum doors and windows, and can realize continuous cutting of 6-meter angle code profiles only by one clamping.
- The imported digital magnetic grid system automatically displays the cutting length and dimension, which is simple and convenient to operate.
- The machine has the advantages of simple operation, reliable performance, advanced technology and easy maintenance.
- The feed motion pair adopts linear motion bearing, which has low motion resistance and high precision.
- The feeding mechanism adopts automatic feeding system, which is stable, reliable and efficient.
- Clamping and sawing are controlled by pneumatic system, which is easy to operate, safe and reliable, and has high productivity.

Corner Connector Automatic Cutting Saw
CLJJA-500B



- It is suitable for cutting corner code profiles of aluminum doors and windows, and can realize continuous cutting of corner code profiles only by one clamping.
- Adopting angle adjustable pressing technology, the adjustment is quick and efficient.
- The feed motion pair adopts linear motion bearing, which has low motion resistance and high machining accuracy.
- The cutter adopts cemented carbide saw blade, which has high cutting speed, convenient operation, safety and reliability.
- Realize cutting without surplus material.
- Suitable for cutting aluminum doors and windows in mass production of corner codes.
- The motor phase sequence protector is installed in the circuit, which improves the safety of the system.

NO.	ITEMS	CLJJA-500
01	Input power supply	380V/50Hz
02	Cutting motor power	3.0kW 2800r/min
03	Working air pressure	0.6~0.8MPa
04	Automatic feeding length	5~580mm
05	Saw blade specification	Φ500×Φ30×4.4mm
06	Cutting width ×height	140×140mm
07	Overall dimension	5670×1770×1840mm
08	Weight	About 700kg

NO.	ITEMS	CLJJA-500B
01	Input power supply	380V/50Hz
02	Cutting motor power	2.2kW 2800r/min
03	Working air pressure	0.5~0.8MPa
04	Automatic feeding length	5~380mm
05	Saw blade specification	Φ500×Φ30×4.4mm
06	Cutting width ×height	145×145mm
07	Overall dimension	5670×1770×1840mm
08	Weight	About 600kg

Gantry 3-axis CNC Machining Center
CLXFL-CNC-3000B





- It is suitable for precision machining of various holes, wedge grooves, water ports and other processes of aluminum doors and windows or curtain wall profiles.
- The intelligent numerical control system and simple and intuitive man-machine interface make the operation more convenient and quick, and all the machining processes are intelligently and automatically completed without manual intervention, with high working efficiency, high machining accuracy, safety and reliability.
- Equipped with a three-station tool magazine, the tool can be changed automatically in the process of machining, which can realize milling with different apertures.
- Fully enclosed structure design, high-end atmosphere, clean and environmental protection, to ensure the safety of operators.
- The rotatable table can be switched between-90°, 0° and +90° positions, so that the milling of all the holes on three surfaces can be completed by clamping at one time.
- Adopt gantry structure design, with high strength of the lathe bed, good rigidity of the whole machine, stable and reliable performance and high working precision. All actions are realized by servo motor and pneumatic system.
- Adopt imported high-speed electric spindle, which has stable rotation, low noise and strong cutting ability.

NO.	ITEMS	CLXFL-CNC-3000B	NO.	ITEMS	CLXFL-CNC-3000B
01	Input power supply	380V/50Hz	09	Y-axis feed speed	0~15m/min
02	Total power	7.2kW	10	Z-axis feed speed	0~15m/min
03	Spindle power	5.5kW 18000r/min	11	Worktable work position	-90°、0°、+90°
04	Working air pressure	0.5~0.8MPa	12	Tool chuck model	ER25-Φ8mm、Φ10mm
05	X-axis transverse travel	3000mm	13	Quantity of clamp	6
06	Y-axis longitudinal travel	450mm	14	Processing range	160×160×3200mm
07	Z-axis vertical travel	400mm	15	Overall dimension	4500×1500×1950mm
08	X-axis feed speed	0~60m/min	16	Weight	About 1200kg

Gantry 3-axis CNC Machining Center

CLXFL-CNC-3000





- It is suitable for precision machining of various holes, wedge grooves, water ports and other processes of aluminum doors and windows or curtain wall profiles.
- The intelligent numerical control system and simple and intuitive man-machine interface make the operation more convenient and quick, and all the machining processes are intelligently and automatically completed without manual intervention, with high working efficiency, high machining accuracy, safety and reliability.
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- Adopt gantry structure design, with high strength of the lathe bed, good rigidity of the whole machine, stable and reliable performance and high working precision. All actions are realized by servo motor and pneumatic system.
- Adopt imported high-speed electric spindle, which has stable rotation, low noise and strong cutting ability.
- The unique chip collecting device makes the site cleaner.

NO.	ITEMS	CLXFL-CNC-3000	NO.	ITEMS	CLXFL-CNC-3000
01	Input power supply	380V/50Hz	09	Y-axis feed speed	0~15m/min
02	Total power	7.2kW	10	Z-axis feed speed	0~15m/min
03	Spindle power	5.5kW 18000r/min	11	Worktable work position	-90°、0°、+90°
04	Working air pressure	0.5~0.8MPa	12	Tool chuck model	ER25-Φ8mm、Φ10mm
05	X-axis transverse travel	3000mm	13	Quantity of clamp	6
06	Y-axis longitudinal travel	450mm	14	Processing range	160×160×3200mm
07	Z-axis vertical travel	400mm	15	Overall dimension	4500×1500×1950mm
08	X-axis feed speed	0~60m/min	16	Weight	About 1000kg

High-speed CNC Machining Center

CLXF-CNC-3000

Customizable machining length





- It is suitable for processing round holes, slotted holes, lock holes, special-shaped holes, etc. of aluminum-plastic profiles, as well as milling, chamfering, plane carving and other processes of aluminum profiles, with automatic tool change, and standard 6-station tool magazine, which makes the processing simpler.
- No skilled workers, online with software, code scanning and automatic processing.
- The worktable can be turned over, and three surfaces can be milled by one clamping.
- With standard graphic library, it can be directly imported into graphic generation and processing program.
- 5.5kW Shenyi spindle motor, with large torque, is twice as efficient as ordinary drilling and milling machines.
- The unique chip removal design, equipped with the bottom chip tray, makes the site cleaner.
- Closed protective cover, automatic lifting, high safety performance.
- Automatic lubrication device of guide screw is standard, which can prolong the service life of the whole machine.
- Automatic maintenance prompt function is standard, which can eliminate hidden troubles of equipment in advance and improve the utilization rate of equipment.

NO.	ITEMS	CLXF-CNC-3000	NO.	ITEMS	CLXF-CNC-3000
01	Input power supply	380V/50Hz	09	Y-axis feed speed	0~30m/min
02	Total power	7.2kW	10	Z-axis feed speed	0~30m/min
03	Spindle power	5.5kW 18000r/min	11	Worktable work position	-90°、0°、+90°
04	Working air pressure	0.5~0.8MPa	12	Tool chuck model	ER25-Φ8mm、Φ10mm
05	X-axis transverse travel	3000mm	13	Number of cutter positions	6
06	Y-axis longitudinal travel	400mm	14	Processing range	140×140×3000mm
07	Z-axis vertical travel	300mm	15	Overall dimension	4300×2200×2000mm
08	X-axis feed speed	0~97m/min	16	Weight	About 1200kg

CNC Drilling Milling Machine

CLXFA-CNC-1200

Customizable machining length





- It is suitable for drilling, milling grooves, special-shaped holes and round holes of aluminum alloy and plastic steel profiles.
- Intelligent CNC system and simple and intuitive man-machine interface make the operation more convenient and fast.
- Equipped with the function of safety shield, the shield can be lifted automatically during processing to ensure the safety of processing.
- Adopt high-precision linear guide pair, ball screw and servo motor to ensure smooth movement and high positioning and machining accuracy.
- Adopt imported high-speed electric spindle, which has stable rotation, low noise and strong cutting ability.
- The rotatable table can be arbitrarily switched between-90°, 0°, and+90° positions, so that the milling of three surfaces can be completed by one clamping.

NO.	ITEMS	CLXFA-CNC-1200	NO.	ITEMS	CLXFA-CNC-1200
01	Input power supply	380V/50Hz	09	Y-axis feed speed	0~15m/min
02	Spindle power	3.5kW	10	Z-axis feed speed	0~15m/min
03	Spindle speed	18000r/min	11	Worktable work position	-90°、0°、+90°
04	Working air pressure	0.5~0.8MPa	12	Tool chuck model	ER25-Φ8mm
05	X-axis transverse travel	1200mm	13	Quantity of clamp	2
06	Y-axis longitudinal travel	250mm	14	Processing range	100×200×1000mm
07	Z-axis vertical travel	250mm	15	Overall dimension	2200×1500×1950mm
08	X-axis feed speed	0~60m/min	16	Weight	About 700kg

CNC 7-axis End-Milling Machine

CLDX7A-CNC-350

Customizable 9-axis models





- It is suitable for sawing and milling the tenon and step surfaces of aluminum doors and windows. It is controlled by 7-axis numerical control system, with simple programming, high compatibility, high efficiency and reliability.
- Seven-axis CNC system control, easy to operate, and the machining process can be intelligently completed by numerical control without manual intervention.
- It can memorize multiple groups of programs, and directly process according to the transferred program of profiles, thus improving the processing speed of workpieces and reducing human error.
- It takes into account the continuous milling of end faces and step faces of aluminum-plastic profiles of various cross sections, which is more versatile.
- High efficiency: No need to adjust the cutter, complete with full numerical control, no need to customize the cutter, and improve the processing efficiency, which is twice that of traditional numerical control face milling.
- High precision: two 3kW high-speed precision double-headed motorized spindles.
- Saw mills with different thicknesses are installed at the head and tail of double-headed motorized spindles at the same time, and one motorized spindle can realize automatic 90° turnover.
- There is a centralized collection chip at the bottom, a waste gas filter mechanism, and an air blowing mechanism at the air inlet to prevent aluminium scrap from splashing.

NO.	ITEMS	CLDX7A-CNC-350	NO.	ITEMS	CLDX7A-CNC-350
01	Input power supply	380V/50Hz	09	Worktable dimension	480×320mm
02	Total power	11.25kW	10	Milling depth	75mm
03	Spindle power	3×3.0kW	11	Cutting angle	0°、90°
04	Motor rotary speed	2800r/min	12	Repetitive positioning accuracy	≤±0.02mm
05	Working air pressure	0.5~0.8MPa	13	Roughness of cutting profile	Ra12.5μm
06	Air consumption	40L/min	14	Flatness of machined surface	≤±0.05mm
07	Milling cutter diameter	Φ350×Φ32mm	15	Overall dimension	4100×1700×2000mm
08	Milling cutter quantity	6	16	Weight	About 1200kg

CNC 3-axis End-milling Machine

CLDX3A-CNC-350

Customizable 5-axis models





- It is suitable for milling the end face of aluminum profiles to meet the matching between the center stand and the frame material. It can mill multiple profiles at one time with high efficiency.
- The end face milling of any profile can be realized without changing the tool.
- 3-axis CNC system control, programming is simple, more efficient and more reliable.
- High degree of automation, high processing precision, high production efficiency, labor saving and easy maintenance.
- Adopt high-quality components, stable performance and long service life.
- Stupid operation, intelligent processing in the whole process.
- Professional control software, friendly man-machine interface, simple and convenient equipment operation.

NO.	ITEMS	CLDX7A-CNC-350	NO.	ITEMS	CLDX7A-CNC-350
01	Input power supply	380V/50Hz	09	Worktable dimension	480×320mm
02	Total power	4.5kW	10	Milling depth	75mm
03	Spindle power	1×3.0kW	11	Cutting angle	0°、90°
04	Motor rotary speed	2800r/min	12	Repetitive positioning accuracy	≤±0.02mm
05	Working air pressure	0.5~0.8MPa	13	Roughness of cutting profile	Ra12.5μm
06	Air consumption	30L/min	14	Flatness of machined surface	≤±0.05mm
07	Milling cutter diameter	Φ350×Φ32mm	15	Overall dimension	2500×1200×1500mm
08	Milling cutter quantity	2	16	Weight	About 350kg

Cutter Walking End-Milling Machine

CLXDZ-250

- It is suitable for forming the step surface and end groove of the end face of aluminum window and door mullion profiles to meet the connection and cooperation between mullion and frame and frame to frame.
- Multiple profiles can be milled at one time with high production efficiency.
- This machine has the features of fixed profile, tool movement, vector frequency control device, adjustable feed speed and quick tool withdrawal.
- With the cooperation of four horizontal end milling cutters and one vertical cutting saw blade, the required size of several reinforced middle mullion profiles can be milled at one time, which improves the production efficiency.
- The cutter can be adjusted up and down, left and right, which can process profiles with different cross sections, shorten the production cycle and reduce the cost.
- Large cutter diameter, high milling speed and high quality of machined surface.
- The high-precision spindle ensures the machining accuracy.



Middel End-Milling Machine

CLXD-220

- It is suitable for milling the end face of aluminum profile to fit different sections.
- It is the first time to create the structure of the interaction between the two knife axes, without customized blade, making the milling and tenoning processing simple and easy.
- The company's excellent pneumatic atomization cooling system, so that the milling effect is better, more durable tools.
- Precision processing tool shaft and bearing block, make the tool shaft rotation more balanced, noise and vibration far lower than other similar products.



NO.	ITEMS	CLXDZ-250	NO.	ITEMS	CLXD-220
01	Input power supply	380V/50Hz	01	Input power supply	380V/50Hz
02	Motor power	4×3.0kW 2800r/min	02	Motor power	2×2.5kW 2800r/min
03	Working air pressure	0.6~0.8MPa	03	Working air pressure	0.5~0.8MPa
04	Milling cutter specification	Φ250×Φ32mm	04	Milling cutter specification	Φ220mm、Φ160mm
05	Saw blade specification	Φ305×Φ32mm	05	Worktable size	460×360mm
06	Max. processing tenoning size	40mm	06	Max. processing tenoning size	40mm
07	Overall dimension	3080×1160×1600mm	07	Overall dimension	2680×1200×1600mm
08	Weight	About 1600kg	08	Weight	About 450kg

Multiroot Profile End-milling Machine
CLXD-200A





- It is suitable for the forming and processing of the stepped surfaces and end grooves at both ends of stile profiles in aluminum-plastic doors and windows.
- High-precision spindle ensures the machining accuracy.
- Automatic feeding, low labor intensity.
- The workbench can be adjusted up and down, and the knife adjustment is convenient.
- Multiple profiles can be milled at the same time.

End-milling Machine
CLXD-200



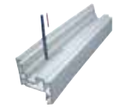


- Used for processing aluminum profile end,step face and slot etc.
- Super precision main shaft insures accu-rate and steady processing.
- Adjustable processing angle within 35°~90°.
- Convenient tool setting is due to adjustable worktable.
- The cutter is mounted on high precision spindle, the motor running accuracy will not affect the tool working accuracy.
- Cutter feeding adopts linear bearing motion pair so that the working perfor mance is stable.

NO.	ITEMS	CLXD-200A
01	Input power supply	380V/50Hz
02	Motor power	2.2kW
03	Motor speed	2800r/min
04	Working air pressure	0.6~0.8MPa
05	Milling cutter diameter	(Φ200~Φ110)×Φ32mm
06	Max. open tenon	110mm
07	Overall dimension	850×740×1500mm
08	Weight	About 200kg

NO.	ITEMS	CLXD-200
01	Input power supply	380V/50Hz
02	Motor power	2.2kW
03	Motor speed	2800r/min
04	Working air pressure	0.6~0.8MPa
05	Milling cutter diameter	(Φ200~Φ110)×Φ32mm
06	Max. open tenon	110mm
07	Overall dimension	850×740×1280mm
08	Weight	About 180kg

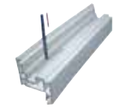
High Efficiency Copy-routing Machine
CLXFA-370*125





- It is suitable for milling various holes, wedge grooves and drainage holes of aluminum-plastic profiles.
- The machine is compact in structure, beautiful in shape and small in size, and both profile clamping and motor starting are controlled by air pressure.
- Simple die adjustment and replacement, wide application range, high efficiency, continuous processing, simple and safe operation.

Copy-routing Drilling Machine
CLXF-235*100A





- It is suitable for milling various holes, wedge grooves and drainage holes of aluminum-plastic profiles.
- The latest improved bearing seat structure can easily replace the belt and complete the product structure.
- Machining the precision linear bearing guide rail makes the milling cutter move stably and flexibly, and the operation is easy.
- Selecting advanced milling cutter chuck and finishing spindle taper make milling cutter clamping simple and easy.
- Excellent gas-oil atomization cooling system makes the milling effect better and the tool is durable.

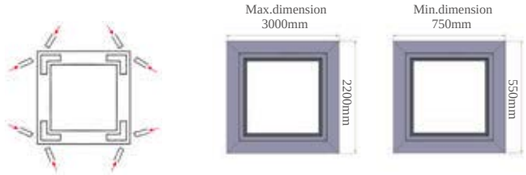
NO.	ITEMS	CLXFA-370*125
01	Input power supply	380V/50Hz
02	Motor power	2.2kW
03	Motor speed	0~18000r/min
04	Working air pressure	0.5~0.8MPa
05	Milling cutter diameter	Φ5、Φ8mm
06	Machining profile section	W230×H150mm
07	Overall dimension	900×880×1700mm
08	Weight	About 230kg

NO.	ITEMS	CLXF-235*100A
01	Input power supply	380V/50Hz
02	Motor power	1.5kW
03	Motor speed	2800r/min
04	Working air pressure	0.5~0.8MPa
05	Milling cutter diameter	Φ5、Φ8mm
06	Copy-routing range	W235×H100mm
07	Overall dimension	870×700×1500mm
08	Weight	About 161kg

CNC Four-head Corner Crimping Production Line

CLM4XA-CNC-100*2200*3000







- It is suitable for the synchronous and efficient corner assembly processing of four corners of aluminum doors and windows, with a smooth and fast assembly line operation mode, and can automatically transmit windows for continuous corner assembly processing.
- Install self-developed control software to support various forms of importing angle data.
- Configure the barcode printer to print the preset form information.
- Smooth assembly line operation mode, which can automatically transmit the window for continuous corner processing.
- Innovative upper pressing and horizontal auxiliary device reliably restrain the profile, prevent the distortion and dislocation of the window when assembling the corner, and ensure the precision of assembling the corner.
- The hidden lifting positioning block can not only reliably position the profile, but also facilitate the entrance and exit of the window.
- The innovative external positioning design can meet the angular processing of various profiles such as frame materials and fan materials.
- Through the torque monitoring function of the servo system, the automatic pre-tightening of the four corners is realized, and the angle setting accuracy is ensured.
- The moving part adopts high-precision linear guide rail pair and ball screw pair, which runs smoothly and ensures the angle setting accuracy.

NO.	ITEMS	CLM4XA-CNC-100*2200*3000
01	Input power supply	380V/50Hz
02	Max. frame dimension	2200×3000mm
03	Min. frame dimension	750×550mm
04	Rating oil pressure	15MPa
05	Diagonal line length error of finished product	≤1mm
06	Connection seam error	≤0.15mm
07	Overall dimension	12000×4000×1300mm
08	Weight	About 3000kg

CNC Four-head Corner Combining Machine

CLM4S-100*2500*3500





- It is suitable for the efficient assembly of aluminum doors and windows, controlled by numerical control system, and can complete the corner code stamping connection of four corners at one time.
- Through the torque monitoring function of the servo system, the automatic pre-tightening of the four corners is realized, and the angle setting accuracy is ensured.
- The control system is seamlessly connected with the servo system, which greatly improves the control accuracy.
- The pressing device automatically moves back and forth, which is convenient to operate and the window size can be automatically adjusted.
- The frame is made of Angang steel, welded professionally, and subjected to aging treatment.
- Adopt high-quality numerical control system, giving consideration to both speed and accuracy.
- The angle cutter is easy to adjust front, back, left and right to meet the needs of different profiles.
- One-time framing can control the joint and flatness between profiles, so that the framing quality is predictable.

NO.	ITEMS	CLM4S-100*2500*3500
01	Input power supply	380V/50Hz
02	Total power	7.5kW
03	Working air pressure	0.5~0.8MPa
04	Width of machined profile	93mm
05	Processing window frame size	Max. 2500×3500mm Min. 480×480mm
06	Capability of oil box	60L
07	Overall dimension	4700×2200×3000mm
08	Weight	About 2500kg

Single-head Corner Crimping Machine
CLMG-150

- Angle code punching and riveting connection for aluminum windows.
- Automatic lifting type internal positioning, making the workpiece clamping more convenient.
- Strengthened frame and mechanical structure, more stable work, low failure rate.
- The special hydraulic station has high power, greater punching and riveting force, and can process profiles with large section and wall thickness.
- Special high-speed hydraulic system can provide faster angular velocity and improve work efficiency.
- Single-knife and multi-point corner cutter can be configured to make the corner of aluminum doors and windows with thermal insulation and broken bridge more reliable.
- The working table is equipped with LED working lights, which can fully illuminate, make the operation more accurate, practical and convenient, and reduce the rejection rate.



Single-head Corner Crimping Machine
CLMB-150

- Angle code punching and riveting connection for aluminum windows.
- The power is controlled by hydraulic system, which makes the work stable and reliable.
- The rigidity of the left and right punches is fed synchronously, which avoids the useless deformation in the process of assembling corners, and makes the connection of window corners firmer.
- Synchronous feeding mechanism makes machine adjustment simple.
- Single-knife and multi-point corner cutter can be configured to make the corner of aluminum doors and windows with thermal insulation and broken bridge more reliable.



NO.	ITEMS	CLMG-150
01	Input power supply	380V/50Hz
02	Total power	2.2kW
03	Rated pressure	16MPa
04	Working air pressure	0.6~0.8MPa
05	General pressure of corner combining	48KN
06	Profile processing height	Max.90mm
07	Overall dimension	1300×1200×1300mm
08	Weight	About 500kg

NO.	ITEMS	CLMB-150
01	Input power supply	380V/50Hz
02	Total power	2.2kW
03	Rated pressure	16MPa
04	Working air pressure	0.5~0.8MPa
05	General pressure of corner combining	48KN
06	Profile processing height	Max.90mm
07	Overall dimension	1300×1200×1300mm
08	Weight	About 400kg

Six-head Combination Drilling Machine
CLZZ6A-13

Customizable 4-head/5-head/7-head/8-head models
Customizable numerical control model





- It is suitable for drilling aluminum alloy doors and windows and curtain wall profiles, especially for long materials and mass production.
- The maximum section of processed profile is 250×250mm, and the maximum length of processed profile is 5000mm.
- Multi-head drilling package can be installed to meet the simultaneous processing of multiple groups of holes.
- The feeding system adopts gas-liquid damping cylinder, and the feeding is stable.
- Adopt high-quality control system, which can realize single machine head processing and any machine head linkage processing.
- The machine head can be manually adjusted along the X, Y and Z axes, and it is equipped with a scale, which makes the adjustment simple and convenient.
- The Z axis is guided by a linear slider, and the bearing capacity, guiding precision and service life are all improved several times.

NO.	ITEMS	CLZZ6A-13	NO.	ITEMS	CLZZ6A-13
01	Input power supply	380V/50Hz	09	Worktable dimension	300×300mm
02	Motor power	6×1.5kW	10	Drilling head feeding travel	125mm
03	Working air pressure	0.5~0.8MPa	11	Processing profile section size	Max. 250×250mm
04	Air consumption	200L/min	12	Overall dimension	5000×1100×1800mm
05	Power unit quantity	6	13	Weight	About 1350kg
06	Distance between two drilling holes	Max.4850mm			
07	Distance between each group holes	Min.310mm			
08	Drilling hole diameter	Max.13mm			

Double-head Hinge Drilling Machine for Aluminum Profile

CJLZK-1800

Customizable 10-hole models







- It is suitable for efficient drilling of hinge mounting holes, sliding support holes and four-bar holes of aluminum doors and windows (external windows, hanging windows, etc.).
- Four holes can be drilled on both sides at the same time, with high production efficiency, and two machine heads can work independently or simultaneously.
- The lathe bed is equipped with two machine heads, and the left machine head is fixed and fixed on the lathe bed with screws. The right head can be pulled by the handle to move on the circular guide rail and can be locked at the required position, and it is equipped with a cylinder approach device to facilitate sizing.
- The drill bit is pushed forward and backward by the air cylinder on the linear guide rail, and the front end of the drill bit is equipped with a buffer, which can make the drill bit move smoothly and limit its position.
- A console is installed in front of the bed, and electrical control elements are installed on the console.
- After the workpiece is placed on the console, as long as the operator presses the button according to the operating rules, the machine will complete the processes of pressing, drilling, returning and loosening the drill bit.
- A device with adjustable drill center distance is provided to facilitate drilling different hinge holes.

NO.	ITEMS	CJLZK-1800	NO.	ITEMS	CJLZK-1800
01	Input power supply	380V/50Hz	09	Min. hole distance	22mm
02	Motor power	2×1.5kW	10	Max. hole distance	320mm
03	Motor speed	1400r/min	11	Overall dimension	3500×600×1200mm
04	Working air pressure	0.5~0.8MPa	12	Weight	About 550kg
05	Air consumption	30L/min			
06	No.of power-drill	8			
07	Process dimension	300~2000mm			
08	Drilling diameter	Φ1~7mm			

CNC Drlling Machine for Aluminum Blinds

CLBYZ-CNC-01

- This machine can be used for drilling aluminum door and window blinds, middle tappet mounting holes and curtain wall profiles.
- Using numerical control system control, automatic feeding, drilling speed, drilling spacing and drilling depth adjustment are convenient.
- Can greatly save labor and improve work efficiency.
- Components adopt internationally renowned brands, which are stable and reliable.



NO.	ITEMS	CLBYZ-CNC-01
01	Input power supply	380V/50Hz
02	Total power	1.75kW
03	Motor speed	1400r/min
04	Working air pressure	0.6~0.8MPa
05	Tool installation length	Max.165mm
06	Spacing between two holes	Max.112mm
07	Overall dimension	3000×1000×1500mm
08	Weight	About 500kg

Notching Cutting Saw

CLJK-500

- This machine is mainly used for end parts angle milling on aluminum curtain wall and skylights profile.
- Using carbide blade, fast cutting speed, high efficiency and high processing precision.
- Two saw heads work together, can be cut the needed angle on end profile at one time.
- Two blades can swing within any range of +45°/-45°.
- Have magnetic scale control system, can display the cutting angle and work-table height.
- Work-table and positioning device is easy to adjust.



NO.	ITEMS	CLJK-500
01	Input power supply	380V/50Hz
02	Motor power	2×2.2kW 2800r/min
03	Saw blade swinging range	+45°/- 45°
04	Cutting depth	Max.150mm
05	Cutter feeding speed	0~3m/min
06	Saw blade specification	Φ500×4.4×Φ30 Z=120
07	Overall dimension	3140×1380×1800mm
08	Weight	About 1500kg

Three-position Punching Machine

CLYJ3-75

- Applied to punching processing of single modes and combination modes.
- Lnsttallation and replacement of mould can be of large,convenient ness,fastness,high speed and high production.
- Used advanced and reliable mechanical structure design and solved two big technical diffcult problems of the mould damage and equipment wornness because of imbalance of cutting force.
- Using extended the workbench, 3 position can install 3 moulds, and can work at the same time, greatly improve the working efficiency.



Four-position Punching Machine

CLYJ4-90

- It is suitable for blanking of single-mode and four-station combined dies for various series of aluminum door and window profiles.
- The hydraulic system provides power, and the riveting force is large, the speed is fast and the work is stable.
- The machine body can accommodate 4 sets of different dies at the same time.
- It is used for punching and cutting the handle holes, glue injection holes, drainage holes, included angles, pins and connecting rods of doors and windows.



NO.	ITEMS	CLYJ3-75
01	Input power supply	380V/50Hz
02	Total power	3.0kW
03	Rated pressure	12MPa
04	Press nominal pressure	100KN
05	Interal of equipment of mould	3
06	Capability of oil box	50L
07	Overall dimension	1500×730×1280mm
08	Weight	About 400kg

NO.	ITEMS	CLYJ4-90
01	Input power supply	380V/50Hz
02	Total power	4.0kW
03	Press nominal pressure	100KN
04	Interal of equipment of mould	4
05	Closing height	185mm
06	Stamping stroke	30mm
07	Overall dimension	1700×1200×1300mm
08	Weight	About 950kg

Six-station Punching Machine

CLY6-50

- Used for installation of aluminum alloy windows and doors and the punching processing of aluminum profiles.
- Punching process, by changing processing position, various types profiles can be processed.
- Adopt disk worktable is equipped with six set dies.
- Each die is used at any time by the worktable rotating, which greatly increased the production efficiency.



Pnematic Punching Machine

CLY-16

- It is suitable for stamping the empty slot of aluminum door and window hardware installation, pneumatic control and stable work.
- Four-station pneumatic stamping is adopted, with smooth stamping and high production efficiency.
- It is controlled by pneumatic pedal valve and works stably.
- Four working positions, which can complete the processing of water trough, flat fan handle hole, corner cutting and driver end punching (Φ 10, Φ 6).



NO.	ITEMS	CLY6-50
01	Input power supply	380V/50Hz
02	Motor power	2.2kW
03	Press nominal pressure	50KN
04	Closing height	185mm
05	Punching travel	30mm
06	Die size	250×200×215mm
07	Overall dimension	1000×1200×1700mm
08	Weight	About 385kg

NO.	ITEMS	CLY-16
01	Working air pressure	06~0.8MPa
02	Press nominal pressure	16KN
03	Number of working positions	4
04	Die size	340×240×500mm
05	Punching travel	30mm
06	Overall dimension	520×450×1200mm
07	Weight	About 120kg
08		

CNC Roll Bending Machine for Aluminum Profile

LGW-CNC-13T

Can be customized according to user's needs



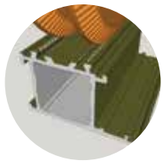


- This machine is widely used for bending various non-standard metal profiles in industries such as building doors, windows, curtain walls,decoration, automotive industry, high-speed rail, elevator bathroom,ships, advertising, etc.
- It can bend various shapes (C-shaped, U-shaped, round, elliptical, multiple radius combination shapes, etc.) and is an ideal supporting product for professional manufacturers with bending needs.

NO.	ITEMS	LGW-CNC-13T	NO.	ITEMS	LGW-CNC-13T
01	Input power supply	380V/50Hz	09	Shaft diameter	50mm
02	Total power	4.0kW		Maximum cross-section of processed profiles (calculated based	
03	Three axis speed	1~15r/min		on aluminum wall thickness of 1.5mm and hardness TS):	
04	Rated thrust of Y-axis push rod	13T (Max. 20T)	10	Max. width	200mm (height around 60mm)
05	Y-axis push rod positioning accuracy	≤ 0.01mm	11	Max. axial height	180mm (width around 40mm)
06	Max.torque of X-axis	2500N · m	12	Overall dimension	1500×1200×1400mm
07	Fixed wheel axle spacin	280~600mm	13	Weight	About 900kg
08	Min. bending radius	R=100mm (50mm top bending)			

CNC Knurling & Strip Feeder Machine

CLKC-CNC-02



Customizable common model



- Suitable for rolling teeth on the inner side of the notch where the broken bridge aluminum profile passes through the heat insulation strip or plastic profile, so as to increase the friction force of the broken bridge aluminum profile and the heat insulation strip. It is equipped with a special clamping pneumatic device, which can realize "sticking film while opening teeth".
- The whole lifting can be adjusted by numerical control, and it can also be lifted independently. The six shafts can be adjusted with different heights and widths, which can be used for all profiles (such as special-shaped profiles, high and low tables, dislocations, etc.); When changing the profile, it can be reset with one button, which is faster and more stable without manual adjustment.
- The film-coated bracket and the strip-threading clamping device can realize "tooth-opening, strip-threading and film-pasting"
- The whole of the two cogging heads is vertically adjusted by microcomputer to realize the integration of hand and self.



CNC High Precision Rolling Compound Machine

CLFH-CNC-02



- Suitable for firmly pressing aluminum profiles with finished teeth and heat insulation strips or plastic profiles.
- Three-axis numerical control system control, can directly input processing parameters, with higher precision, high processing efficiency and easy operation.
- CNC adjusts six groups of cutter heads, nylon rollers and three groups of pressures, which can quickly change different profiles; With double-axis CNC adjustment function.
- The upper and lower widths of each cutter head can be adjusted at will, which is suitable for various heat insulation strips with different widths.
- Frequency converter stepless speed regulation adopts Taiwan Province HIWIN linear guide rail, Schneider electric appliance and precision screw.

NO.	ITEMS	CLKC-CNC-02	NO.	ITEMS	CLFH-CNC-02
01	Input power supply	380V/50Hz	01	Input power supply	380V/50Hz
02	Total power	4.2kW	02	Total power	4.5kW
03	Profile feed speed	0~60m/min	03	Profile feed speed	0~60m/min
04	Height of machined profile	260mm	04	Height of machined profile	300mm
05	Width of machined profile	300mm	05	Width of machined profile	285mm
06	Auxiliary frame size	460 ×5000mm	06	Auxiliary frame size	460 ×5000mm
07	Overall dimension	1000×1200×1550mm	07	Overall dimension	2000×1800×1700mm
08	Weight	About 800kg	08	Weight	About 2000kg

Fully Automatic Window and Door Four Corner Welding Double Head Cleaning Automatic Line (Broach type)

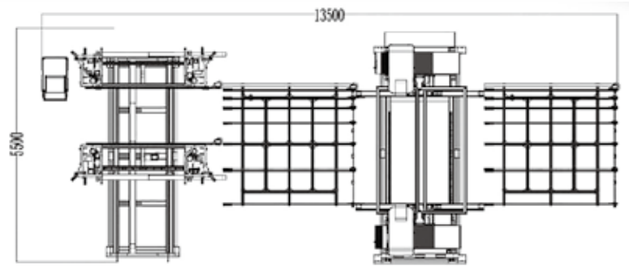
AWCL-200C



Optional free switching broach corner cleaning mode/ordinary welding mode
Broach clearance width gap (1-3mm) can be customized



- The automatic line for four-corner welding and external corner cleaning of professional thousand-color PVC profiles can be welded into a rectangular window frame at one time, and the finished window is transmitted to the double-headed corner cleaning unit through the transmission workbench, and at the same time, the external corner welds and rubber strip grooves of two adjacent corner seams are quickly cleaned, and then the finished window is transmitted to the double-headed corner seam cleaning machine, and after the detection switch is triggered, the remaining two adjacent corner seams are returned and cleaned.
- The upper and lower pressure pliers adopt patented technology to ensure the smoothness and beauty of the upper and lower welds.
- Seamless welding on the lower surface and micro-seam welding on the upper surface can be selected, and a hook knife can be installed.
- During the welding process, the upper and lower surface welds are cleaned, and the angle clearance is appropriate and the welding angle strength is high.
- The whole machine adopts alloy high-precision cutter, which is finished by precision machining after fire. The cutter realizes standardization and supports cutter exchange.
- Five-axis numerical control double-headed corner seam cleaning machine, which carries out data interaction with the four-corner welding machine, automatically reaches the window width size according to the window size, automatically calls the processing program, and the double-head four-axis linkage can realize circular interpolation and linear interpolation, and realize the rapid and perfect cleaning of the window corner and the rubber strip groove.
- The moving parts of this machine all adopt high-precision and precise square guide rails, which ensures the stability and reliability of the equipment.
- Cold equipped with color touch screen, domestic famous brand numerical control system, driving the servo motor of Dainertia Fort, automatically calling the processing program, easy to operate, stable and reliable in performance.
- The frame is welded by thick-walled rectangular steel pipes, which has strong bearing capacity and is not easy to deform. The machine bed is detachable, which is convenient for transportation.
- Equipped with automatic blowing device, the cut weld can be blown off automatically.
- Professional industrial appearance design realizes the perfect combination of practical equipment and beautiful appearance, and brings high-end experience of visual sense to customers.



NO.	ITEMS	AWCL-200C
01	Input power supply	380V/50Hz
02	Input power	Welding unit: 9.5kW Corner cleaning unit: 10.5kW
03	Working air pressure	0.6~0.8MPa
04	Welding window frame size	Max. 1800×3000mm Min. 500×700mm
05	Welding profile size	H=20~120mm W=120mm
06	Clear angle profile size	H=30~120mm W=120mm
07	Overall dimension	13500×5500×1850mm

Efficient Welding and Automatic Cleaning Production Line for PVC Window and Door

AWCL-100F

Optional CNC four-corner single-side seamless mode/common welding die



- The production line specialized in four-corner welding and seam cleaning of thousands of high-grade PVC profiles can complete the four corners of a rectangular window frame at one time, and then transfer the window to the corner cleaning unit through the transmission platform, and manually rotate it into a window to complete the rapid cleaning of the upper and lower planes, faç ades and upper and lower rubber strip grooves.
- The extrusion tool of force welding unit is made of alloy, which is finished by precision machining after fire, and the tool is standardized and supports tool exchange.
- Force is equipped with color touch screen and large inertia servo motor, which can automatically complete window welding, transmission and external fillet welding, with convenient operation and stable and reliable performance.
- The force angle clearing unit is equipped with five groups of cutters (optional), and the saw blade milling cutter adopts high-precision spindle motor; The motor of rubber strip groove milling cutter adopts high-speed spindle motor.
- Force is equipped with USB port, which can quickly copy programs of multiple devices, and is equipped with hand-held remote controller, which can realize manual teaching and programming.
- Force can realize circular interpolation and linear interpolation, and can store thousands of processing programs of profiles. It is a necessary equipment for large-scale door and window enterprises to clean welding fillet joints in various varieties and in large quantities.
- The main moving units of force adopt high-precision linear square guide rails, which ensures the stability and reliability of equipment operation.
- Professional industrial design has achieved the perfect combination of functional practicality and beautiful appearance, bringing customers a high-end experience of visual sense.
- The force frame is welded by thick-walled rectangular steel pipe, which has strong bearing capacity and is not easy to deform.

NO.	ITEMS	AWCL-100F
01	Input power supply	380V/50Hz
02	Input power	Welding unit: 9.5kW Corner cleaning unit: 5.0kW
03	Working air pressure	0.6~0.8MPa
04	Welding window frame size	Max. 2200×3000mm Min. 360×420mm
05	Welding profile size	H=20~140mm W=120mm
06	Clear angle profile size	H=30~140mm W=120mm
07	Overall dimension	9500×4900×1850mm

CNC Double Layer Four Corner Welding Machine for PVC Window and Door

HRWD-140*2200*3000

Optional CNC four-corner single-side seamless mode/common welding die



- Specialized equipment for four-corner welding of plastic PVC profiles, with double-layer design, can be welded into two window frames at one time or welded into four rectangular window sashes for profiles below 60 height through a backing plate, which can be divided into two parts.
- The material is discharged step by step, and the window is transmitted to the manual material taking place through the transmission workbench.
- The extrusion cutter of the power machine adopts alloy high-precision cutter, which is finished by precision machining after fire, and the cutter realizes standardization and supports cutter exchange.
- As the moving part of the machine, all adopt high-precision linear square guide rails, which ensures the stability and reliability of the equipment.
- Force is equipped with color touch screen and well-known numerical control system abroad, which drives large inertia servo motor and automatically completes welding and transmission of window, with convenient operation and stable and reliable performance.
- The xy axis is driven by precision ball screw, which has fast transmission speed and accurate machining accuracy.
- The force frame is welded by thick-walled rectangular steel pipe, which has strong bearing capacity and is not easy to deform.
- Professional industrial design has achieved the perfect combination of practical equipment and beautiful appearance, bringing high-end experience of visual sense to customers.

NO.	ITEMS	HRWD-140*2200*3000
01	Input power supply	380V/50Hz
02	Input power	15.5kW
03	Working air pressure	0.6~0.8MPa
04	Welding window frame size	Max. 2200×3000mm Min. 370×420mm
05	Welding profile size	Double layer welding H=20~140mm W=118mm
		Four-layer welding H=20~50mm W=100mm
06	Overall dimension	5100×4500×1900mm Without transmission station

European Type High Grade Seamless Welding Machine for Colorful PVC Profile

CJDX-4-4500

Optional double-sided seamless automatic conversion/normal welding mode
You can manually switch the single-sided seamless mode





- The material supporting frame is designed as a fast and intelligent folding type, which is convenient to use.
- Equipped with the company's patent, the profile welding is independently pressed and installed to prevent the material from escaping during welding and ensure the welding size and diagonal.
- The clamp body is made of alloy aluminum plate which is molded once by CNC machining center, with high precision, which can greatly improve the smoothness and beauty of the surface of welded profiles.
- The movement of the lower positioning plate/welding plate is designed as precise guide rail movement, with high melting accuracy and good long-term use stability.
- When replacing the welding cloth and checking whether it falls off, a knob can make the heating plate fall, which is very convenient and quick to replace and repair.
- We can customize high-standard special backup plate according to customer profiles, which greatly improves the size and shear flatness when welding and melting.
- The cutter is made of high-performance alloy material, with long-term stable and durable shearing effect, extremely standard cutter size and hole position, and convenient replacement.
- The clamp body runs on a high-precision square track to ensure smooth and beautiful welding and long-term use stability. The upper, middle and lower stations of the whole machine head adopt an integrated flat structure, which greatly improves the rigidity of the whole machine and prolongs the service life.
- Equipped with manual lubrication assembly hall, it can realize lubrication and oiling maintenance of guide rail slider movement unit and improve the service life of machine tool.
- Equipped with a unique nose locking mechanism, the locking effect is strong and will not be damaged after long-term use.
- A machine head has the function of welding at any angle, which meets the requirements of users for welding special-shaped doors and windows such as arc windows.
- Equipped with automatic dust blowing, welding slag can be blown off automatically, reducing the auxiliary working hours of personnel.

NO.	ITEMS	CJDX-4-4500
01	Input power supply	380V/50Hz
02	Input power	4.5kW
03	Working air pressure	0.5~0.8MPa
04	Welding window frame size	Max. 4500mm Min. 450mm
05	Welding profile size	H=20~120mm W=120mm
06	Overall dimension	5500×1200×1850mm
07	Weight	About 2200kg

Four-head Seamless Welding Machine for Colorful PVC Profile

CSHZ4GC-120*4500





- It is suitable for seamless welding of rectangular frames (or doors) of plastic doors and windows.
- After the welding of this machine is completed, the flash will be cleaned up at one time, and the welding gap size can be strictly controlled. After the welding of colored profiles, the surface joint is very beautiful and high-grade, and the welding strength is higher than the angular strength of the original profiles.
- Through the control and pneumatic system, the machine carries out the processing mode of increasing the welding strength, especially the software processing in the process of melting, melting-welding gap and butt welding, which ensures the best welding strength under different environmental conditions, and can be quantitatively adjusted by digital parameters.



Three-head Seamless Welding Machine
CSHZ3GC-120*3500



Two-head Seamless Welding Machine
CSHZ2GC-120*3500

NO.	ITEMS	CSHZ4GC-120*4500	CSHZ3GC-120*3500	CSHZ2GC-120*3500
01	Input power supply	380V/50Hz	380V/50Hz	380V/50Hz
02	Input power	5.0kW	3.7kW	2.5kW
03	Working air pressure	0.6~0.8MPa	0.6~0.8MPa	0.6~0.8MPa
04	Welding window frame size	Max. 4300mm Min. 435mm	Max. 3500mm Min. 435mm	Max. 3500mm Min. 435mm
05	Welding profile size	H=25~140mm W=120mm	H=25~140mm W=120mm	H=25~140mm W=120mm
06	Overall dimension	5260× 980× 1760mm	4260× 980× 1760mm	4260× 980× 1760mm
07	Weight	About 1500kg	About 1200kg	About 950kg

Four-head Welding Machine for PVC Profile

CSHZ4-120*4500





- Suitable for seamless welding on one side of rectangular frame (or fan) and middle stile of plastic doors and windows.
- The four heads can work independently or in linkage, and the combination is flexible.
- The positioning plate is lowered, and the kinematic pair of the positioning plate is a slider kinematic pair, so that the positioning is accurate and the ideal seamless welding effect can be ensured.
- Special backing plate for profile can be installed to realize good control of weld overflow range, obtain good welding-fillet appearance quality and improve welding corner strength.
- The programmable controller (PLC) controls the welding action/program with high reliability.
- Each process parameter can be continuously adjusted, which can well meet the welding process requirements of different profiles.
- Adopt high-quality electrical components with high reliability.

Three-head Welding Machine

CSHZ3-120*3500



Two-head Welding Machine

CSHZ2-120*3500



NO.	ITEMS	CSHZ4-120*4500	CSHZ3-120*3500	CSHZ2-120*3500
01	Input power supply	380V/50Hz	380V/50Hz	380V/50Hz
02	Input power	4.5kW	3.5kW	2.5kW
03	Working air pressure	0.4~0.6MPa	0.4~0.6MPa	0.4~0.6MPa
04	Welding window frame size	Max. 4500mm Min. 400mm	Max. 3500mm Min. 400mm	Max. 3500mm Min. 400mm
05	Welding profile size	H=20~120mm W=120mm	H=20~120mm W=120mm	H=20~120mm W=120mm
06	Overall dimension	5400×1100×1700mm	4400×1100×1700mm	4400×1100×1700mm
07	Weight	About 1500kg	About 1200kg	About 850kg

Single-head Arbitrary Angle Welding Machine

CSH-01



- It is suitable for single-point welding of plastic doors and windows at any angle between 30°~180°, especially for special-shaped windows such as arc windows and special-angle windows.
- Programmable logic controller (PLC) controls welding action/program with high reliability.
- Adopt high-quality electrical components with high reliability.

Bending Machine for PVC Profile

CSYH01-1800



- Used for plastic door and window profile arc forming.
- This machine is a special equipment for the production of circular arc plastic doors and Windows, mainly including bending molding table, heating groove, molding belt and plate bar and other parts.
- Using electric heating medium oil, and then through the medium oil heating molding belt and profile technology.
- The worktable can be bent to shape the required diameter of 650~1800 semicircle and arbitrary arc radian.
- The machine has the characteristics of reliable performance, safe operation and high efficiency.

NO.	ITEMS	CSH-01
01	Input power supply	220V/50Hz
02	Input power	1.5kW
03	Working air pressure	0.5~0.8MPa
04	Welding profile height	25~120mm
05	Welding profile width	Max. 230mm
06	Overall dimension	960×900×1460mm
07	Weight	About 260kg

NO.	ITEMS	CSYH01-1800
01	Input power supply	380V/50Hz
02	Input power	8.0kW
03	Arc diameter	500~1800mm
04	Profile heating temperature	90~130℃
05	Overall dimension	4500×2800×800mm
06	Weight	About 350kg

CNC Cutting Center for PVC Profile

CSJMC03-4-6000





- High-precision spindle sawing motor can realize the combined cutting of ugly and V-shaped mouth without calculating the offset of cutting point.
- Taiwan Province high-performance numerical control system can read the optimized machining data of customers, and display various cutting modes graphically, which is convenient for operators to choose.
- Five-axis servo control system has fast movement speed and high machining accuracy.
- Two sets of telescopic reciprocating feeding devices with horizontal clamping function, one set is in processing, and the other set can continue to place materials manually, effectively using spare time. Through the synchronization mechanism, the smooth movement of the profile is realized.
- Gantry-type clamping and feeding device, starting from the reference zero point every time, sends the profile to the set size position, avoiding the accumulated error defects caused by continuous feeding and ensuring the machining size accuracy.
- The cutting motor independently controls the lifting, and the sawing motor at the discharge side is driven by the servo motor to drop and cut 45. After the corner, the motor rises, and at the same time, the finished product is sent out of the main machine, and the sawing motor at the feed side falls, and the other 4-angle is cut back, thus avoiding the danger of the material head splashing to the opposite saw blade and the loss of cutting accuracy.
- The left and right movable worktable can realize the maximum waste falling space and the minimum free control of cutting kerf.
- The two-stage pushing and discharging mode avoids the deformation and jamming caused by the long pushing rod, and the movable receiving table can store multiple groups of cut finished products and facilitate the operator to collect them.
- The integrated welding lathe bed can be clamped and processed once for feeding, cutting and discharging to ensure the assembly accuracy, and can be used after being connected to the feeding device for leveling after landing, thus shortening the installation and debugging time.
- Realize the commissioning production as soon as possible.
- Lifting waste collection and loading, convenient for waste collection and cleaning.

NO.	ITEMS	CSJMC03-4-6000	NO.	ITEMS	CSJMC03-4-6000
01	Input power supply	380V/50Hz	08	Cutting height	Frame fan profile: ≤120mm
02	Input power	12.5kW			V-port depth: ≤60mm
03	Motor rotary speed	3000r/min	09	Cutting length	300~3000mm
04	Working air pressure	0.6~0.8MPa	10	Overall dimension	11500×5000×2280mm
05	Air consumption	100L/min	11	Weight	About 3000kg
06	Saw blade specification	Φ500×Φ30×4.3 Z=120			
07	Cutting quantity	Max.120mm (4 pieces)			
		≤55mm (8pieces)			

CNC Heavy Duty Type Double-head Up Cutting Saw

CLJG2S-CNC-500*4200

Customizable 600 saw blade models and digital display/common models





- It is suitable for cutting and blanking aluminum-plastic doors and windows and curtain wall profiles. It can input the dimensions of several profiles to be cut at one time to realize continuous cutting with different lengths.
- The machine adopts numerical control technology, which can finish automatic blanking of profiles of different sizes.
- Using cemented carbide saw blade, the outer diameter can reach φ 500, the linear speed is high, and the machining accuracy is high.
- The right head feed adopts high lead ball screw movement, with high transmission accuracy, accurate positioning and stable work.
- When the machine tool is working, the two saw blades can cut at the same time or separately.
- The saw blade can be placed at the required angles of 45° and 90°.
- From bottom to top, the saw blade is safer and more reliable, and the sawing height and width are both very large.

NO.	ITEMS	CLJG2S-CNC-500*4200	NO.	ITEMS	CLJG2S-CNC-500*4200
01	Input power supply	380V/50Hz	09	Max. cutting section	135×200mm(500 saw blade)
02	Cutting motor power	2×2.2kW(500 saw blade)			135×300mm(600 saw blade)
03	Motor rotary speed	2800r/min	10	Cutting angle	90°、45°
04	Working air pressure	0.6~0.8MPa	11	Overall dimension	5750×1300×1500mm
05	Air consumption	60L/min	12	Weight	About 1400kg
06	Saw blade specification	Φ500×Φ30×4.3 Z=120			
07	Cutting length	400~4200mm			
08	Cutting width	150mm			

Double-head Precision Cutting Saw for PVC Profile

CLJZ2C-450*4200/5000



Customizable CNC/common models



Digital Display Double-head Cutting Saw for PVC Profile

CLJZ2AC-450*3600



Customizable CNC/common models



NO.	ITEMS	CLJZ2C-450*4200/5000
01	Input power supply	380V/50Hz
02	Cutting motor power	2×1.5kW 3300r/min
03	Working air pressure	0.5~0.8MPa
04	Saw blade specification	Φ450×Φ30mm
05	Cutting length	430~4200mm
06	Cutting width×height	Max. 260×105mm
07	Overall dimension	6000×1400×1400mm
08	Weight	About 1500kg

NO.	ITEMS	CLJZ2AC-450*3600
01	Input power supply	380V/50Hz
02	Cutting motor power	2×1.5kW 2800r/min
03	Working air pressure	0.5~0.8MPa
04	Saw blade specification	Φ450×Φ30mm
05	Cutting length	290~3600mm
06	Cutting width×height	Max. 120×120mm
07	Overall dimension	6000×1300×1650mm
08	Weight	About 1200/1000kg

Double-head Cutting Saw for PVC Profile

CLJZ2-450*3700





Mullion Cutting Saw for PVC Profile

CSJVA-55





NO.	ITEMS	CLJZ2-450*3700
01	Input power supply	380V/50Hz
02	Cutting motor power	2×1.5kW 2800r/min
03	Working air pressure	0.5~0.8MPa
04	Saw blade specification	Φ450×Φ30mm
05	Cutting length	400~3700mm
06	Cutting width×height	Max. 120×200mm
07	Overall dimension	4500×1170×1400mm
08	Weight	About 1300kg

NO.	ITEMS	CSJVA-55
01	Input power supply	380V/50Hz
02	Cutting motor power	2×1.5kW 2800r/min
03	Working air pressure	0.5~0.8MPa
04	Air consumption	15L/min
05	Cutting length	300~2100mm
06	Cutting width×height	Max. 120×110mm
07	Overall dimension	7500×1720×1390mm
08	Weight	About 300kg

Glazing Bead Cutting Saw for PVC Profile

CSJBW-1800

- Used to 45 ° to cut off the glass bead and pressure Angle of the milling.
- Can cut two strip at the same time, high efficiency.
- Equipped with adjustable pressure strip gasket, it is not necessary to replace the gasket when changing profiles to avoid reinvestment and reduce the production preparation cycle of doors and Windows.
- The adjustable positioning plate is provided with a planar fine-tuning device to make the inner vertical Angle of the laminate fit tightly after assembly.





V-Cutting Saw for PVC Profile

CLJVW-60

- It is suitable for cutting 90° V-shaped grooves of aluminum-plastic door and window profiles.
- Pneumatic transmission, easy to operate.





NO.	ITEMS	CSJBW-1800
01	Input power supply	380V/50Hz
02	Input power	1.5kW
03	Cutting motor speed	2800r/min
04	Working air pressure	0.5~0.8MPa
05	Cutting length	350~1800mm
06	Cutting width×height	Max. 100×33mm
07	Overall dimension	1350×500×1350mm
08	Weight	About 250kg

NO.	ITEMS	CLJVW-60
01	Input power supply	380V/50Hz
02	Input power	2.2kW
03	Cutting motor speed	2800r/min
04	Working air pressure	0.5~0.8MPa
05	Cutting length	300~1600mm
06	Cutting width & height	Max. W120mm H20~65mm
07	Overall dimension	1800×1380×1300mm
08	Weight	About 220kg

CNC Corner Clear Machine for PVC Window and Door

CSQJB-CNC-120

- It is suitable for cleaning the welding corner joints of plastic doors and windows, controlled by two-axis numerical control system, and easy to operate.
- It can store processing programs of various profiles, and the second processing can be started with one key.
- Servo system, numerical control system, solenoid valve, triplet and other main components are all imported famous brand products, which have reliable performance and long service life.
- The unique internal positioning method ensures the accuracy of cleaning the welding seams of doors and windows.
- It can realize arc differential compensation and diagonal differential compensation, and can ideally meet the needs of making high-quality doors and windows with various sectional profiles.
- Different cutting tools can be customized according to different profile sections to meet the corner cleaning requirements of different profiles.



CNC Corner Clear Machine for PVC Window and Door

CSQJ-CNC-120

- It is suitable for cleaning the welding corner joints of plastic doors and windows, controlled by two-axis numerical control system, and easy to operate.
- It can store processing programs of various profiles, and the second processing can be started with one key.
- It can complete the cleaning of the outer elevation and the upper and lower plane welds of various profiles.
- It can realize size error compensation with high precision.
- Numerical control system, solenoid valve, triplet and other major components are all famous brand products, with reliable performance and long service life.
- It can realize arc differential compensation and diagonal differential compensation, and can ideally meet the needs of making high-quality doors and windows with various sectional profiles.



NO.	ITEMS	CSQJB-CNC-120
01	Input power supply	380V/50Hz
02	Input power	1.7kW
03	Milling cutter rotary speed	2800r/min
04	Working air pressure	0.5~0.8MPa
05	Height of processed profile	30~120mm
06	Width of processed profile	20~120mm
07	Overall dimension	1570×2670×2070mm
08	Weight	About 750kg

NO.	ITEMS	CSQJ-CNC-120
01	Input power supply	380V/50Hz
02	Input power	1.4kW
03	Milling cutter rotary speed	2800r/min
04	Working air pressure	0.5~0.8MPa
05	Height of processed profile	30~120mm
06	Width of processed profile	20~120mm
07	Overall dimension	2000×1820×1500mm
08	Weight	About 700kg

V-Corner Clear Machine for PVC Window and Door

CSQV-120

- It is suitable for cleaning V-shaped welds and cross welds in plastic doors and windows.
- Positive and negative screw alignment Chinese adjustment mechanism, easy adjustment and accurate alignment.
- Reliable clamping, good weld cleaning effect and low labor intensity.
- Two-hand operation protection function is set to ensure safe operation.



Cap-Seal Milling Machine for PVC Profile

CSXF-18*20



- It is used for milling the matching notch of the plastic sliding window cover profile and sliding frame profile track.
- The shaft end of the cutter is installed, the cutter is convenient to replace, and the production time is saved.
- The adjustable material guide plate only needs to adjust the positioning width when changing the profile type, and does not need to replace the material guide plate, thus saving the re-investment cost in the use process of the equipment.



NO.	ITEMS	CSQV-120
01	Working air pressure	0.5~0.8MPa
02	Air consumption	15L/min
03	Height of processed profile	0~80mm
04	Width of processed profile	0~120mm
05	Overall dimension	860×650×1120mm
06	Weight	About 250kg

NO.	ITEMS	CSXF-18*20
01	Input power supply	380V/50Hz
02	Input power	0.75kW
03	Motor speed	2800r/min
04	Height of processed profile	20mm
05	Width of processed profile	18mm
06	Overall dimension	530×530×1100mm
07	Weight	About 100kg

Automatic Water Slot Milling Machine for PVC Profile

CLXC01-2

- Used for processing various types of drainage grooves and air pressure balance grooves of plastic doors and windows.
- Independent milling feed mechanism, no need for professional maintenance, high quality milling water tank.
- The length of milling water tank can be continuously adjusted within 60mm, and the application range is wide.
- The combination of two dies can effectively realize the processing of symmetrical holes and grooves at both ends of a profile.



Automatic Water Slot Milling Machine for PVC Profile

CLXCA-60

- Milling all kinds of water slots and air pressure balance groove.
- Full design with high rigidity, processing beautiful water slot, high appear ance quality.
- Automatic cutter changer on the under head, one time clamp to finish wa ter slots processing.
- High efficiency, suitable for mass production.
- Special feeding system, need no special maintenance, high milling quality.



NO.	ITEMS	CLXC01-2
01	Input power supply	220V/50Hz
02	Input power	0.76kW
03	Working air pressure	0.5~0.8MPa
04	Milling cutter diameter	Φ5、Φ4mm
05	Milling depth	30mm
06	Milling slot length	30~60mm
07	Overall dimension	1925×750×1600mm
08	Weight	About 280kg

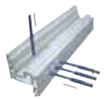
NO.	ITEMS	CLXCA-60
01	Input power supply	220V/50Hz
02	Input power	1.14kW
03	Working air pressure	0.5~0.8MPa
04	Milling cutter diameter	Φ5、Φ4mm
05	Milling depth	30mm
06	Milling slot length	0~60mm
07	Overall dimension	1200×1200×1800mm
08	Weight	About 300kg

Heavy-duty Lock Hole Slot Processing Machine

CFZ-235*100A







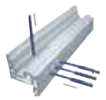
- It is suitable for milling all kinds of lock installation holes and slots of aluminum-plastic door and window profiles.
- It consists of horizontal three-hole drilling and vertical copying milling.
- The three-hole drill is arranged at the rear, which is convenient to operate and conforms to the principle of ergonomics.
- Copying adopts two copying methods: copying template and auxiliary positioning.

Lock Hole Slot Processing Machine

CLZ3F-300*100







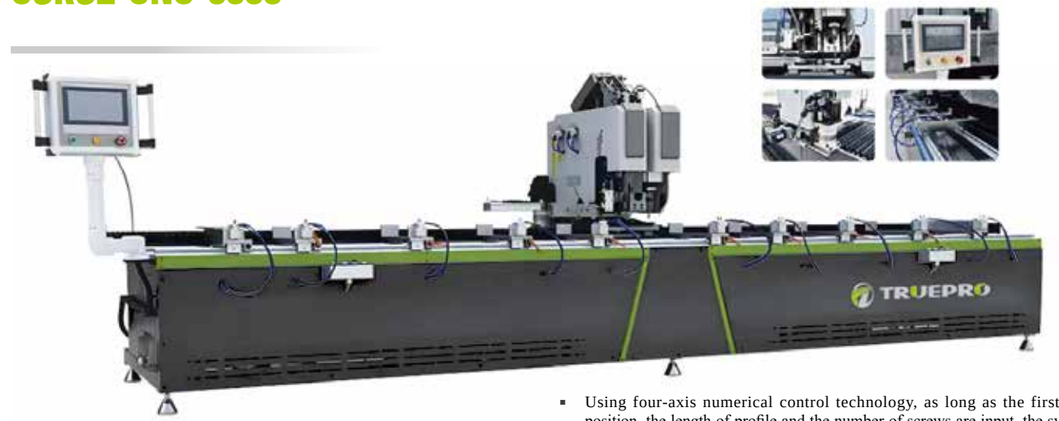
- It is suitable for milling all kinds of lock installation holes and slots of aluminum-plastic door and window profiles.
- It consists of horizontal three-hole drilling and vertical copying milling.
- Two copying methods, copying template and auxiliary positioning, are adopted.
- The three-hole drill can be adjusted up and down by handwheel, without adjusting the frame, so the operation is simple and convenient.

NO.	ITEMS	CFZ-235*100A
01	Input power supply	380V/50Hz
02	Input power	2.6kW
03	Diameter of the three-hole drilling head	Φ10mm
04	Centers distance of the three-hole drilling head	21.5mm
05	Milling cutter diameter	Φ5、Φ8mm
06	Copy-routing range	235×100mm
07	Overall dimension	870×1200×1500mm
08	Weight	About 220kg

NO.	ITEMS	CLZ3F-300*100
01	Input power supply	380V/50Hz
02	Input power	2.25kW
03	Diameter of the three-hole drilling head	Φ12mm
04	Centers distance of the three-hole drilling head	21.5mm
05	Milling cutter diameter	Φ5、Φ8mm
06	Copy-routing range	300×100mm
07	Overall dimension	1000×1130×1600mm
08	Weight	About 260kg

CNC Double-drive Double-process Screw Fastening and Drilling Integrated Machine

CSKSZ-CNC-6000



- It is mainly suitable for screw fastening of steel lining of plastic steel doors and windows, screw connection of aluminum alloy profiles, installation of fixing pieces and processing of mounting holes on the wall.
- Through the highest precision special nail feeding system in China, nails can be automatically sent and divided, with the function of nail-free detection; The phenomenon of nail sticking will not occur, and the instability of the nailing machine will be completely solved.
- Equipped with automatic delivery and assembly of fixed pieces, the structure is simple and stable, and the universal mold can be suitable for various fixed pieces.
- Using four-axis numerical control technology, as long as the first nail position, the length of profile and the number of screws are input, the system automatically calculates the distance of screw distribution, which can clamp multiple workpieces at the same time, and the workpieces below 2.5 meters can be divided into left and right working areas, with extremely high production efficiency.
- Designed with punching function, servo control is selected to drive the punching head, and steel plates, aluminum plates and nonmetallic plates with a thickness of ≤20mm can be processed. The rotating speed can be set manually according to different materials. A waste collection guide groove is designed to facilitate the cleaning and collection of processing waste and cooling liquid.

Four-head Screw Fastening Machine for PVC Profile

CSJG-04

3-head /2-head models can be customized



- It is suitable for automatic fastening of screws. 4 heads fasten 4 screws at a time.
- The depth of the screw fastening distance can be easily adjusted.
- Nailing efficiency is extremely high.
- Save 3 to 5 workers, greatly reduce costs and improve efficiency.
- The nailing process is fully automatic and easy to operate.
- Suitable for all kinds of enterprises.

NO.	ITEMS	CSKSZ-CNC-6000
01	Input power supply	380V/50Hz
02	Input power	6.5kW
03	Max. drilling diameter	Φ15mm
04	Width×height of processed profile	360×110mm
05	Screw specification	Φ4.2×13~19mm
06	Drilling stroke	100mm
07	Thickness of machined steel lining	≤3mm
08	Overall dimension	6500×1650×2050mm

NO.	ITEMS	CSJG-04
01	Input power supply	380V/220V/50Hz
02	Input power	2.0kW
03	Length of processed profile	300~3000mm
04	Width×height of processed profile	120×100mm
05	Screw diameter	3.0~4.5mm
06	Screw length	13~19mm
07	Profile step depth	32mm
08	Overall dimension	3450×650×1500mm