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ALLUMATIK
INDIA PVT LTD

Smart Processing Equipment
for Aluminium UPVC doors and windows



Allumatik Intellectual

Integrating new technologies and creating a new future with wisdom



COMPANY PROFILE

The company has rich experience in production and R&D, more than 10 national patents, passed ISO9001 international quality management system certification, excellent product design and development engineers, skilled production engineers, experienced high-level production management team and after-sales service personnel, providing you with a strong guarantee from product design, production to after-sales service. The company has all kinds of equipment processing workshop, assembly workshop and quality inspection center, can independently realize the design of equipment, processing, assembly, test one-stop flow operation, to ensure the excellent quality of equipment.

The company takes the mechanical processing as the forerunner, the production equipment is advanced, the craft is exquisite, the investment introduced a series of industry advanced precision mechanical processing equipment, now has the lathe, the milling, the planing, the grinding and other large processing equipment many sets, the equipment processing precision and the automation degree is high, the processing scope is wide, has guaranteed the product processing precision and the efficiency, has guaranteed the equipment reliability and the stability fundamentally.

Customer is the foundation, the company in line with the "quality first, customer first" principle, free to provide users with equipment installation and debugging, technical training, guidance and other comprehensive after-sales service, customer success is the success of our cause, customer development is the development of our cause!





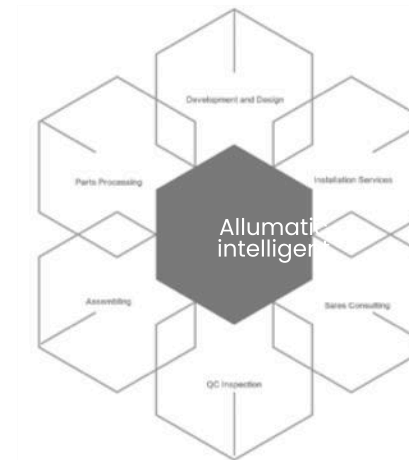
Create Industry 4.0 Intelligent Door and Window Processing Factory

Intelligent Equipment of Digital Factory
for Doors and Windows

Allumatik Intellectual

TECHNICAL INNOVATION

Intelligent production, high efficiency and beauty



Technological innovation and meticulous craftsmanship: the perfect quality depends on the professional design concept. Technological innovation is the guarantee for enterprises to keep leading. Without innovation, there will be no development. We pay attention to product innovation and R&D. The company has set up R&D center to specialize in basic and forward-looking technology research and development, which can quickly cut into the intelligent manufacturing of intelligent and automated processing equipment required by the development of the industry, realize rapid product upgrading, broaden product fields and build the core capability of sustainable development of enterprises. With the first-class R&D team, we have obtained more than ten national technology patents



LGS-CNC-7000

4-Axis CNC Gantry Machining Center

Length can be customized



- It is suitable for milling, cutting, rigid tapping and carving of various holes and grooves of aluminum curtain walls and industrial aluminum profiles, and cooperates with three-dimensional programming software to perfectly realize drilling, cutting and milling
- Adopt imported control system and servo motor, with RTCP tool tip following function, and can process multiple faces at one time
- High-quality grinding ball screw, linear guide grinding rack and highspeed bearing and other mechanisms to ensure that the equipment has high machining accuracy.
- The position of the fixture can be automatically positioned to avoid the machining area. (optional)
- Two tables can be used to process two or two profiles at the same time, with interactive feeding and non-interference.
- With a 12-station tool magazine, equipped with a pair of cutting blades (optional), automatic tool changing and self-cutting processing.
- The high-speed motorized spindle imported from Italy can finish machining at any angle within $\pm 90^\circ$, with high working efficiency.
-

X-axis stroke	7000~9000mm
Y-axis stroke	1300mm
Z-axis stroke	550mm
X-axis running speed	0~80m/min
Y-axis running speed	0~30m/min
Z-axis running speed	0~20m/min
Spindle speed	0~24000rpm
Spindle power	12kW
Spindle rotation range	-90° ~ 0° ~+90°
Tool magazine	12 刀
Max. installation length of cutter	165mm
Total power	23kW
Fixture station	8
Gas consumption	15L/min
Machining size range	650×250×7000mm
Overall dimensions	435×250×7000mm
Weight	11300×2350×2550mm
	5000kg

Customizable 9-meter extended model.



DSK4-CNC-3500

4-axis CNC Drilling and Milling Processing Center

Length can be customized



- This machine is a multi-machine intelligent connection model, which supports the docking of ERP/MES management software, realizes the integration of production and marketing management and control, and improves production efficiency.
- Scanning and saving the two-dimensional code, the system automatically generates the processes of machining the round hole, slot hole, lock hole, special-shaped hole, milling, chamfering, etc., without manual participation, reducing the labor intensity and improving the qualified rate of finished products.
- The design goal of the whole machine is high-speed and high-precision machining. The structural design and power ratio of the whole machine have been strengthened, so that the equipment has high-strength bed and moving parts, and the use efficiency has been greatly improved.
- High-speed and high-precision motorized spindle, X-axis with high-precision grinding helical gear, helical rack, three high-precision square guide rails as auxiliary, Y-axis and Z-axis with high-precision grinding ball screw drive and four high-precision square guide rails as auxiliary
- Four groups of jigs automatically walk to avoid the processing area (optional).
- It is safer, faster and more reliable to use servo motor to control the three-sided turning of the workbench.

X-axis stroke	3500mm
Y-axis stroke	420mm
Z-axis stroke	400mm
X-axis running speed	0~60m/min
Y-axis running speed	0~45m/min
Z-axis running speed	0~30m/min
Spindle speed	18000rpm
Spindle power	9.0kW
Total power	13kW 6
Fixture station	0.6~0.8MPa
Working pressure	8L/min
Gas consumption	380V/50Hz
Power supply	5300
Overall dimensions	×2200×2500mm
Weight	1500kg





DSK8-CNC-3500

8-axis CNC Drilling and Milling Processing Center

Length can be customized



- This machine is an intelligent connection model of system doors and windows, supports the docking of ERP MES management software doors and windows, realizes the integration of production and marketing management and control, and improves production efficiency.
- Scanning and sawing the two-dimensional code, the system automatically generates round holes, slotted holes, lock holes, specialshaped holes, milling, chamfering and other processes of the door and window profiles of the processing system without manual participation to reduce the labor intensity and improve the qualified rate of finished products.
- The design goal of the whole machine is high-speed and high-precision machining, and the structural design and power ratio of the whole machine are carried out.
- In order to strengthen, the equipment has high-strength bed and moving parts, and the use efficiency is greatly improved.
- High-speed and high-precision motorized spindle, high-precision helical gear, helical rack, three high-precision square guide rails for X axis, high-precision ball screw drive and four high-precision square guide rails for Y axis and Z axis
- Four groups of jigs automatically walk to avoid the processing area
- It is safer, faster and more reliable to use servo motor to control the three-sided turning of the workbench.

X-axis stroke	3500mm
Y-axis stroke	380mm
Z-axis stroke	330mm
X-axis running speed	0~60m/min
Y-axis running speed	0~45m/min
Z-axis running speed	0~30m/min
Spindle speed	18000rpm
Spindle power	6.0kW
Total power	9.9kW
Fixture station	4
Working pressure	0.6~0.8MPa
Gas consumption	8L/min
Power supply	380V/50Hz
Overall dimensions	4830×2000×2200mm
Weight	1500kg



SKX4-CNC-1500

4-axis CNC Drilling and Milling Processing Center
Length can be customized



- It is suitable for machining round holes, slotted holes, lock holes and special-shaped holes of industrial aluminum alloy profiles, doors, windows and curtain wall aluminum profiles, as well as milling, chamfering and plane carving of aluminum profiles
- The spindle adopts air-cooled electric spindle, with power of 6 and 5Kw and rotation speed of 0 ~ 18,000 rpm, with high precision, good safety and high reliability.
- Adopting CNC system, equipped with professional CAD-CAM programming software, the G code can be automatically converted and processed, with simple operation, high efficiency and low labor intensity.
- The motion pairs all adopt imported guide rails and sliders, the X axis adopts high-precision helical gears and helical racks, and the Y axis and Z axis adopt high-precision ball screws for transmission. Smooth transmission, effectively improving the accuracy of the whole machine.
- The workbench is turned over by 180°, -90° ~ 0° ~ +90°, and the profile can be machined on three sides at one time.
- When processing deep through holes (special-shaped holes), deep hole processing is realized by turning the workbench, which improves efficiency and quality.
- Manual pump oil supply system is adopted, and the tool adopts system-controlled spray cooling device
- The main parts of the machine tool are made of steel structures, all of which have been aged.

X-axis stroke	1500mm
Y-axis stroke	500mm
Z-axis stroke	350mm
X-axis running speed	0~50m/min
Y-axis running speed	0~15m/min
Z-axis running speed	0~15m/min
Spindle speed	18000rpm
Spindle power	6.5kW
Total power	10.5kW 2
Fixture station	0.6
Working pressure	~0.8MPa
Gas consumption	4L/min
Power supply	380V/50Hz
Overall dimensions	2380×2000×2200mm
Weight	900kg



LJZDB-CNC-6500

CNC Cutting Center for Aluminum Profile
Length can be customized



- Uses for cutting 45° and 90° of aluminum PVC prole of window,door,curtain wall,solar and other industrial aluminum with functions of automatic cyclefeeding, cutting and automatic output of nished products
- Various door and window profiles can be cut without adding profileprolong.
- Automatic feeding worktable can continuously and automatically clamp profiles for cutting processing, and imported high-precision gear rack is used for the motion of manipulator to ensure the feeding accuracy.
- The moving part adopts high-precision linear guide rail pair, which runs stably and ensures the machining accuracy.
- Imported high-quality control system ensures stable and reliable operation of equipment
- Imported motor is directly connected to saw blade, which has stable cutting and high machining precision.
- Equipped with multi-station capacity follow-up tool magazine, fully enclosed shell design and multiple safety protection structures to ensure the safety of operators.

Power supply	380V/50Hz
Motor speed	2800r/min
Total power of equipment	11kW
Working pressure	0.6~0.8MPa
Air supply	50L/min
Cutting length	300~6500mm
Cutting width	150mm
Cutting height	150mm
Cutting angle	45°、 - 45°、 90°
Feeding speed	0~3m/min
Saw blade specification	Φ500×4.4×Φ30 Z=120 (550mm
Overall dimension	13500×4500×2300mm
Weight	4000kg



- *Cutting length accuracy : ±0.1mm
- *Flatness of cutting profile : ≤0.10mm
- *Cutting angle error : ±5'
- *Roughness of cutting profile : Ra 12.5μm



LJZ2-CNC-550*4300

CNC Double-head Precision Cutting Saw for Aluminum Profile



LJZ2-CNS-550*4300

LJZ2-500*4300

- It is mainly used for cutting industrial aluminum profiles, broken bridge aluminum doors and windows, curtain wall materials, and also for cutting PVC and wood profiles. 550 saw blades are used for cutting larger profiles
- Adopt square guide rail, with high precision of repeated positioning
- The machine adopts numerical control technology, and can complete automatic positioning, cutting and blanking of profiles with different specifications and sizes
- High-quality cemented carbide saw blades for aluminum materials are selected, with high linear speed and high machining accuracy.
- Numerical control transmission adopts high standard gear rack, with high transmission precision, accurate positioning and stable operation.
- The high-precision spindle makes the saw blade rotate stably and effectively improves the surface quality of the workpiece.
- Gas-liquid damping cylinder realizes uniform feed speed regulation and stable movement.
- Adopt micro spray cooling device



- *Accuracy of repeated fixed length : $\leq 0.05\text{mm}$
- *Allowance of section cutting angle : $\pm 3'$
- *Flatness of cutting profile : $\leq 0.05\text{mm}$
- *Roughness of cutting profile : $Ra 12.5\mu\text{m}$

Power supply	380V/50Hz
Saw head motor	2×3.0kW 2840r/min
Working pressure	0.6~0.8MPa
Air supply	60L/min
Cutting length	290~4300mm
Cutting width	Max. 175mm
Cutting height	Max. 280mm
Max. cutting slope	45°175×245mm 90°175×280mm
Cutting angle	90° 45°
Feeding speed	0~3m/min
Saw blade specification	550×4.4×30 Z=120
Overall dimension	5800×1800×1600mm
Weight	1900kg



CNC-500*5000FOM

3-axis CNC High-precision Double-head Precision Cutting Saw



- This model is an intelligent connection model, which supports the docking of ERP/MES management software, realizes the integration of production and marketing management and control, and improves production efficiency.
- Support a variety of data import methods: Internet, LAN, USB flash drive, manual input, etc
- It can be connected with the data of common optimization software in the market: Xinger, Changfeng, Chuangying, etc.
- Brand-new appearance and unique mechanical design structure make the product more stable, easier to cut profiles and smoother
- Fool-like operation does not require skilled workers, which solves the difficulty of recruiting workers in factories. Label printing function and error-proof function: the profile is not cut when the error is out of range.
- High precision: the integrated casting table, the integrated spindle directly connected motor and servo motor feed the cylinder body, and the feeding is positioned at a constant speed, which accurately saves the time of empty cutting. The T1 and T2 heads are located on the integrated guide rail, which ensures the flatness of the two heads
- Environmental protection function: unique chip removal and dust collection design, high dust collection rate, clean site, reduce cleaning frequency and improve work efficiency.



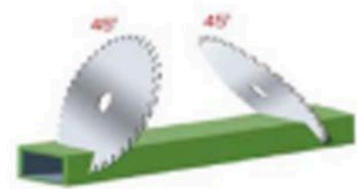
- *Accuracy of repeated fixed length : $\leq 0.05\text{mm}$
- *Allowance of section cutting angle : $\pm 3'$
- *Flatness of cutting profile : $\leq 0.02\text{mm}$
- *Roughness of cutting profile : $Ra\ 6.3\mu\text{m}$

Input power supply	380V/50Hz
Total power	9.0kW
Cutting motor power	2*3.0kW
Motor rotary speed	3000r/min
Servo motor	2*0.4kW+0.75kW
Working air pressure	0.6~0.8MPa
Air consumption	40L/min
Cutting length	280~5000mm
Short material cutting function	Min. 200mm
Cutting width	Max. 150mm
Max. cutting section	45° 150*175mm
	90° 150*280mm
Max. square pipe cutting	150*200mm
Sawing angle	45°~ 90°
Cutter feeding speed	0~4m/min
Saw blade specification	500×4.4×30 Z=120
Overall dimensions	6800×1500×1800mm
Weight	2100kg



LJJZ2-CNC-550*4300

CNC Heavy-duty 45° Double-head Precision Cutting Saw
202310175963.4



- It is mainly used for cutting and blanking 45 angle of door and window profiles in high-end systems.
- The nose is fixed at a 45° angle to ensure the stability of long-term use accuracy.
- The patented product and workbench have the function of lifting and avoiding, ensuring the qualified rate of finished products.
- Using numerical control technology, the automatic positioning cutting and blanking of profiles with different specifications and sizes can be completed.
- Using diamond saw blade, the outer diameter can reach 550, the linear speed is high and the machining accuracy is high
- High transmission precision, accurate positioning and stable operation
- High-precision spindle motor makes the saw blade rotate stably.
- The gas-liquid damping cylinder realizes uniform feed speed regulation and smooth movement.
- Micro-spray cooling device is adopted
- When the machine tool works, the two saw heads can cut at the same time or separately
- The saw blade is from back to front, so it is safer and more reliable to cut profiles, and the cutting height and width are very large.



- *Accuracy of repeated fixed length : $\leq 0.02\text{mm}$
- *Allowance of section cutting angle : $\pm 3'$
- *Flatness of cutting profile : $\leq 0.02\text{mm}$

Input power supply	380V/50Hz
Total power	6.75kW
Cutting motor power	2*3.0kW
Motor rotary speed	3000r/min
Servo motor	0.75kW
Working air pressure	0.6~0.8MPa
Air consumption	20L/min
Cutting length	393~4300mm
Cutting width	Max. 180mm
Cutting height	Max. 145mm
Sawing angle	45°
Cutter feeding speed	~3m/min
Saw blade specification	550×4.4×30 Z=144
Overall dimensions	5800×1800×1500mm
Weight	1950kg

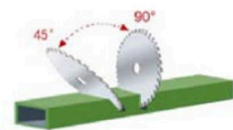


LJZ2-CNS-600*4300

CNC Double-head Precision Cutting Saw for Aluminum Profile



LJZ2-CNS-600*4300
LJZ2-600*4300



- It is mainly used for cutting industrial aluminum profiles, broken bridge aluminum doors and windows, curtain wall materials, and also for cutting PVC and wood profiles. It is convenient to cut oversized profiles by using 600 oversized saw blades
- Adopt square guide rail, with high precision of repeated positioning
- The machine adopts numerical control technology, and can complete automatic positioning, cutting and blanking of profiles with different specifications and sizes.
- High-quality cemented carbide saw blades for aluminum materials are selected, with high linear speed and high machining accuracy.
- Numerical control transmission adopts high standard gear rack, with high transmission precision, accurate positioning and stable operation
- The high-precision spindle makes the saw blade rotate stably and effectively improves the surface quality of the workpiece.
- Gas-liquid damping cylinder realizes uniform feed speed regulation and stable movement.
- The saw blade automatically swings at an angle of 45° and 90°, and the protective cover automatically opens and closes, which makes the operation safer

Power supply	380V/50Hz
Saw head motor	2×3.0kW 2840r/min
Working pressure	0.6~0.8MPa
Air supply	60L/min
Cutting length	410~4300mm
Cutting width	Max. 210mm
Cutting height	Max. 320mm
Max. cutting slope	45°210×280mm 90°210×320mm
Cutting angle	90°、45°
Feeding speed	0~3m/min
Saw blade specification	Φ600×4.4×Φ30 Z=144
Overall dimension	5800×1900×1700mm
Weight	2000kg

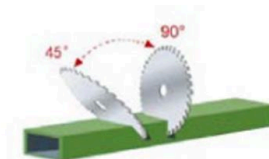


LJZ2-CNC-500*4300-A

CNC Double-head Precision Cutting Saw for Aluminum Profile



LJZ2-CNS-500*4300-A
LJZ2-500*4300-A



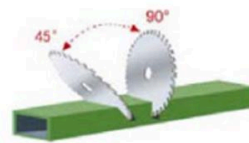
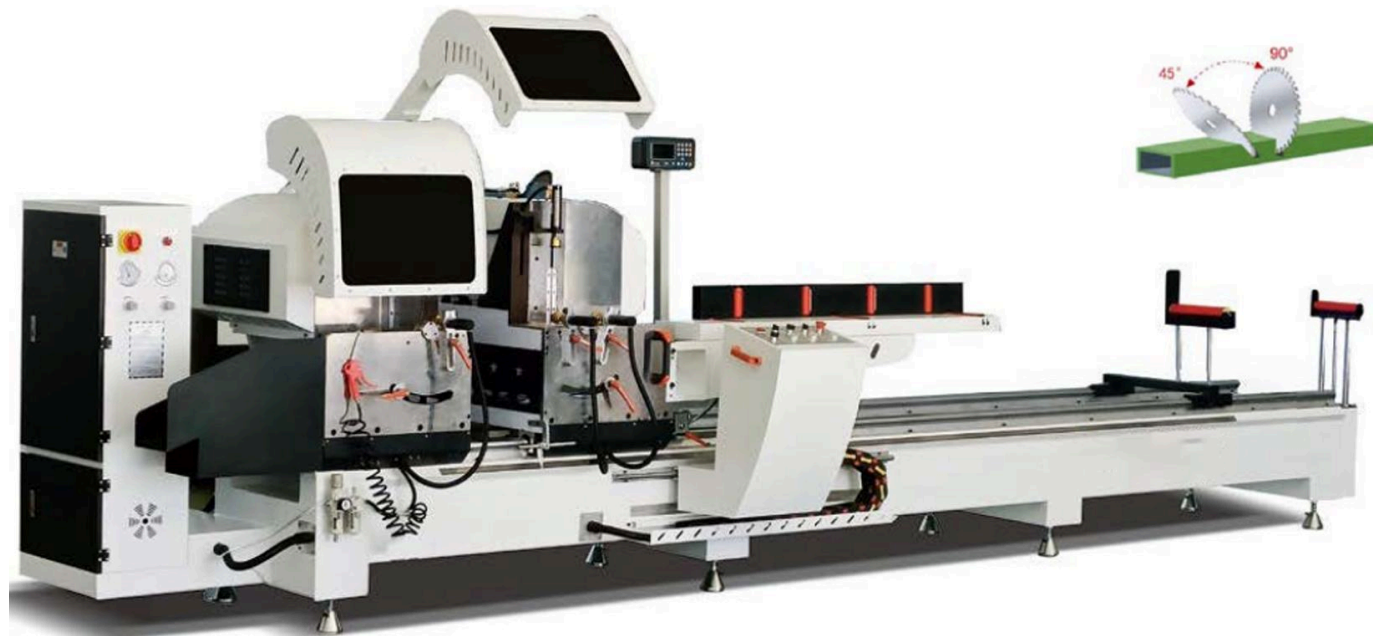
- Mainly used for cutting industrial aluminum profiles, broken bridge aluminum doors and windows, curtain wall materials, and also used for cutting and blanking PVC and wood profiles.
- The machine adopts numerical control technology, and can complete automatic positioning, cutting and blanking of profiles with different specifications and sizes
- High-quality carbide saw blades for aluminum materials are selected, with an outer diameter of 500, high linear speed and high machining accuracy
- Numerical control transmission adopts high standard gear rack, with high transmission precision, accurate positioning and stable operation.
- The high-precision spindle makes the saw blade rotate stably and effectively improves the surface quality of the workpiece.
- Gas-liquid damping cylinder realizes uniform feed speed regulation and stable movement
- Adopt micro spray cooling device
- The machine head can rotate automatically, position and clamp in two directions, and can work independently with a single machine head.
- The saw blade automatically swings at an angle of 45° and 90°, and the protective cover automatically opens and closes, which makes the operation safer.

Power supply	380V/50Hz
Saw head motor	2×3.0kW 2840r/min
Working pressure	0.6~0.8MPa
Air supply	60L/min
Cutting length	380~4300mm
Cutting width	Max. 135mm
Max. cutting slope	45° 135×180mm 90° 135×220mm
Cutting angle	90°、45°
Feeding speed	无级调速 0~3m/min
Saw blade specification	Φ500×4.4×Φ30 Z=120
Overall dimension	5800×1800×1500mm
Weight	1750kg



LJB2B-CNC-600*6000

CNS Double-head Precision Cutting Saw for Aluminum Profile



- Mainly used for cutting industrial aluminum profiles, broken bridge aluminum doors and windows, curtain wall materials, and also used for cutting and blanking PVC and wood profiles.
- Imported digital magnetic grid system automatically displays the cutting length, which has high precision of repeated positioning and convenient operation.
- High-quality carbide saw blades for aluminum materials are selected, with an outer diameter of 500, high linear speed and high machining accuracy.
- The high-precision spindle makes the saw blade rotate stably and effectively improves the surface quality of the workpiece.
- Gas-liquid damping cylinder realizes uniform feed speed regulation and stable movement.
- Adopt micro spray cooling device
- The machine head can rotate automatically, position and clamp in two directions, and can work independently with a single machine head.
- Automatic opening and closing of protective cover makes operation safer.
- The saw blade automatically swings at an angle of 45° and 90° , and the protective cover automatically opens and closes, which makes the operation safer.

LJZ2-CNC-500*4300
LJZ2-500*4300

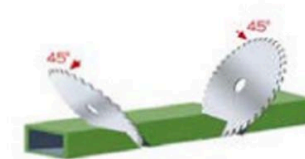
Power supply	380V/50Hz
Saw head motor	2×3.0kW 2840r/min
Working pressure	0.6~0.8MPa
Air supply	60L/min
Cutting length	380~4300mm
Cutting width	Max. 135mm
Cutting height	Max. 220mm
Max. cutting slope	45°135×180mm 90°135×220mm
Cutting angle	90°、 45°
Feeding speed	0~3m/min
Saw blade specification	Φ500×4.4×Φ30 Z=120
Overall dimension	5800×1800×1500mm
Weight	1450kg



LJZ2-CNS-450*3700A

CNC Double-head 45° Cutting Saw for Aluminum Profile

LJZ2Z-CNS-550*4300
LJZ2Z-550*4300



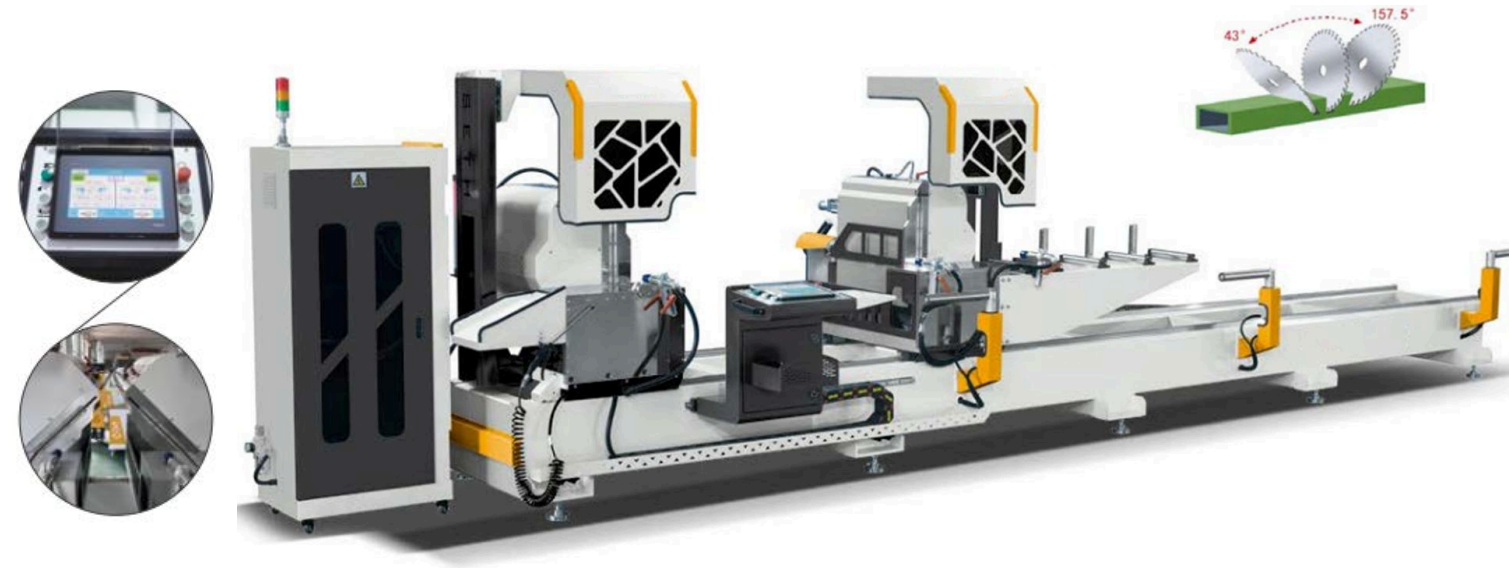
- It is mainly used for cutting and blanking system door and window profiles at 45° angle, and can also be used for cutting and blanking plastic profiles.
- Adopt square guide rail, with high precision of repeated positioning.
- The machine adopts numerical control technology, and can complete automatic positioning, cutting and blanking of profiles with different specifications and sizes.
- Using cemented carbide saw blade, the outer diameter can reach 550, the linear speed is high, and the machining precision is high.
- High transmission precision, accurate positioning and stable operation
- High precision spindle motor makes the saw blade rotate stably.
- Gas-liquid damping cylinder realizes uniform feed speed regulation and stable movement.
- Adopt micro spray cooling device
- When the machine works, the saw blades with two saw heads can cut at the same time or separately.
- The machine head is fixed at an angle of 45° to ensure stable precision in long-term use
- With the saw blade from back to front, the sawing profile is safer and more reliable, and the sawing height and width are very large.

Power supply	380V/50Hz
Saw head motor	2×3.0kW 2840r/min
Working pressure	0.6~0.8MPa
Air supply	60L/min
Cutting length	320~4250mm
Cutting width	Max. 170mm
Cutting height	Max. 280mm
Max. cutting slope	45°170×280mm
Cutting angle	45°
Feeding speed	0~3m/min
Saw blade specification	Φ550×4.4×Φ30 Z=144
Overall dimension	5800×1800×1500mm
Weight	2000kg



LJJA-CNC-550

CNC Arbitrary-corner Double-head Cutting Saw for Aluminum Profile
Cutting length can be customized



- It is suitable for cutting industrial aluminum profiles, broken bridge aluminum doors and windows, curtain wall materials, and can also be used for cutting and blanking PVC and wood profiles, so that the sawing angle can be adjusted at will between 43° and 157.5°
- Numerical control system can realize advanced functions such as optimized cutting of profiles
- Imported high-speed spindle direct motor mounts diamond saw blade, and the feed of saw blade is driven by gas-liquid damping cylinder, which ensures stable cutting.
- High-precision imported cutting saw blade, smooth cutting section, imported servo motor to drive imported reducer
- The size of several profiles to be cut can be input at one time, and continuous cutting of different lengths can be realized, and the processing size can be directly input, and the sawing length can be changed without going back to the reference point.
- There is a saw blade sealing device under the workbench, which has a good chip removal effect, a follow-up opening and closing saw cover, safety and reliability, and a good working environment.
- Each head has two cylinders to clamp the profile, which makes the cutting safe and reliable.

Power supply	380V/50Hz
Saw head motor	2×3.0kW 2840r/min
Servo motor power	3×0.75kW
Working pressure	0.6~0.8MPa
Air supply	60L/min
Cutting length	90° 360~6000mm
Cutting width	Max. 200mm
Cutting height	Max. 390mm
Cutting angle	内摆 43° 外摆 157.5°
Feeding speed	0~3m/min
Saw blade specification	Φ600×4.4×Φ30 Z=144
Overall dimension	7700×1500×1900mm
Weight	2200kg



LJJA-CNC-500A

CNS Double-head Cutting Saw for Aluminum Profile



- It is mainly used for cutting and blanking aluminum alloy curtain wall materials and window materials, and can also be used for cutting and blanking plastic profiles, and can be equipped with numerical control system and automatic cutting corner code function.
- Using cemented carbide saw blade, the outer diameter can reach 450, the linear speed is high, and the machining precision is high.
- The right nose feed adopts the high lead ball screw motion mode, which has high transmission precision, accurate positioning and stable operation.
- Gas-liquid damping cylinder realizes uniform feed speed regulation and stable movement.
- Adopt micro spray cooling device to save the processing cost of doors and windows (alternative).
- When the machine works, the saw blades with two saw heads can cut at the same time or separately
- With the saw blade from back to front, the sawing profile is safer and more reliable, and the sawing height and width are very large.
- The saw blade can automatically swing to the required angle of 45° and 90° .

LJZ2-CNC-450*3700A LJZ2-450*3700A



Power supply	380V/50Hz
Saw head motor	2×2.2kW 3200r/min
Working pressure	0.6~0.8MPa
Air supply	60L/min
Cutting length	550~3700mm
Cutting width	Max. 120mm
Cutting height	Max. 160mm
Max. cutting slope	45°120×170mm 90°120×200mm
Cutting angle	90°、 45°
Feeding speed	0~3m/min
Saw blade specification	Φ450×4.4×Φ30 Z=120
Overall dimension	5200×1800×1500mm
Weight	1050kg



LJJA-450S

CNC Corner Connector Cutting Saw for Aluminum Profile



- This machine is used for blanking aluminum profiles, door and window angle code profiles, with simple operation, reliable performance, advanced technology and easy maintenance.
- This machine is the latest R&D and design model of our company, which is the first in the industry with stable performance and high efficiency.
- Taiwan Province Delta CNC control system is used, and the control system adopts man-machine interface, which is simple and easy to operate
- The cutting tool adopts cemented carbide saw blade, which has high cutting speed, high productivity and high machining precision
- The feed motion pair adopts linear motion bearing, which has small motion resistance and high precision.
- The feeding mechanism adopts automatic feeding system, which is stable and reliable with high efficiency
- With high automation, the advance and retreat of clamping and sawing are controlled by pneumatic system, which is safe and reliable.
- It has automatic counting function and no cutting function of tailings
- Automatically save the number of cut segments in case of power failure
- Adopt micro spray cooling device to save the processing cost of doors and windows (alternative).

Power supply	380V/50Hz
Motor power	15kW
Motor speed	2000~4500r/min
Working pressure	0.6~0.8MPa
Auto feeding length	5~3000mm
Cutting width	350mm 420mm
Cutting height	155mm
Cutting length	
Cutting angle	90°
Feeding speed	0~5m/min
Saw blade specification	550×5.0×30 Z=144
Overall dimension	6900×1600×1540mm
Weight	2250kg



LJLY-CNC-350

CNC Corner Connector Cutting Saw for Aluminum Profile



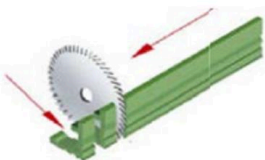
- This machine is used for cutting and blanking aluminum door and window corner profiles, with simple operation, reliable performance, advanced technology and easy maintenance
- Taiwan Province Delta CNC control system is used, and the control system adopts man-machine interface, which is simple and easy to operate.
- The cutting tool adopts cemented carbide saw blade, which has high cutting speed, high productivity and high machining precision.
- The feed motion pair adopts linear motion bearing, which has small motion resistance and high precision.
- The feeding mechanism adopts automatic feeding system, which is stable and reliable with high efficiency
- With high automation, the advance and retreat of clamping and sawing are controlled by pneumatic system, which is safe and reliable.
- It has automatic counting function and no cutting function of tailings.
- Continuous cutting of 6-meter angle profile can be realized only by clamping once
- Automatically save the number of cut segments in case of power failure
- Adopt micro spray cooling device to save the processing cost of doors and windows (alternative).

Power supply	380V/50Hz
Cutting motor power	2.2kW
Motor speed	2800r/min
Working pressure	0.6~0.8MPa
Auto feeding length	2~580mm
Cutting width	Max. 140mm
Cutting height	Max. 240mm
Cutting length	
Cutting angle	90°
Feeding speed	0~3m/min
Saw blade specification	500×3.8×30 Z=120
Overall dimension	5950×1770×1840mm
Weight	500kg



LDXB5-CNC-350

Corner Connector Automatic Cutting Saw for Aluminum Profile



- This machine is used for cutting and blanking aluminum door and window corner profiles, with simple operation, reliable performance, advanced technology and easy maintenance.
- The cutting tool adopts cemented carbide saw blade, which has high cutting speed, high productivity and high machining precision.
- The feed motion pair adopts linear motion bearing, which has small motion resistance and high precision.
- The feeding mechanism adopts automatic feeding system, which is stable and reliable with high efficiency.
- With high automation, the advance and retreat of clamping and sawing are controlled by pneumatic system, which is convenient to operate, safe and reliable, and has high productivity
- With automatic counting function.
- Continuous cutting of 6-meter angle profile can be realized only by clamping once.
- Automatically save the number of cut segments in case of power failure.
- Adopt micro spray cooling device to save the processing cost of doors and windows (alternative).

LJJA-CNC-450S LJJA-CNC-450S

Power supply	380V/50Hz
Cutting motor power	1.5kW
Motor speed	2800r/min
Working pressure	0.6~0.8MPa
Auto feeding length	2~180mm
Cutting width	Max. 120mm
Cutting height	Max. 220mm
Cutting length	
Cutting angle	90°
Feeding speed	0~3m/min
Saw blade specification	450×3.8×30 Z=120
Overall dimension	5670×1770×1840mm
Weight	450kg



LXDQZ-ZD-250

CNC Precision Cutting Saw With Wireless Measurement for Aluminum Profile



- It is suitable for 90° precision cutting process of aluminum alloy glass wire pressing profile, and is suitable for mass continuous production.
- Using high-precision wireless caliper, the measurement length can be accurate to less than 0.1(mm), and the Bluetooth transmission distance can reach more than 100mm..
- The lathe bed is designed by combining sawing unit and numerical control length unit. It has the advantages of stable mechanical structure, simple operation and reliable precision.
- The embedded NC machining technology is adopted to accurately machine the guide rail groove/rack groove /magnetic ruler groove/on the lathe bed to ensure that all parts are parallel and vertical to each other, thus greatly improving the assembly accuracy of the equipment and eliminating the errors existing in the assembly.
- The double guide rail moves and grinds the rack, which ensures that the numerical control length unit is more stable and has higher positioning accuracy in high-speed operation.
- The positioning accuracy can be less than 0.1(mm) by combining 750w high-precision servo motor with magnetic grating ruler
- Independent research and development software, 10 inch touch screen. The stored data can be circulated wirelessly, and the picture is simple and easy to operate. At the same time, the software can also realize that the transmission size and positioning cutting work at the same time without interference, thus greatly improving the processing efficiency

Power supply	380V/50Hz
Input power	3.0kW
Motor speed	2800r/min
Operating pressure	0.5~0.8MPa
Air consumption	15L/min
Cutting length	180~3000mm
Cutting height	100mm
Sawing angle	90°
Saw blade specification	435×3.2×30 Z=100
Cutting accuracy	0.1mm
Cutting angle error	5
Overall dimension	8000×920×1800mm
Weight	650kg



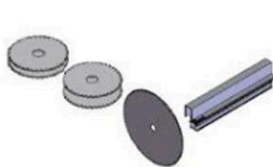
LDXB5-CNC-350

CNC 5-axis End-milling Machine for Aluminum Profile



- It is suitable for sawing and milling the tenon and step surface of the end face of the stile profile in aluminum doors and windows.
- This model is a system door and window intelligent connection model, which supports the docking of ERP/MES management software and door and window software, realizes the integration of production, sales and management, and improves production efficiency.
- Scanning and sawing two-dimensional code system automatically generates the end face of door and window profiles, which does not need manual participation to reduce the labor intensity and improve the qualified rate of finished products.
- The spindle can rotate by 0°/90°, and multiple profiles can be milled at one time
- 5-axis numerical control system control, automatic switching of rotation axis, strengthening the centering and forming at one time.
- Servo-adjusting the cutter eliminates the need to customize the cutter when processing different profiles, thus shortening the production cycle and reducing the cost.
- High performance motion control.

LDXB7-CNC-250 LDXB9-CNC-250



Power supply	380V/50Hz
Motor power	13kW
Motor rotary speed	2800r/min
Air pressure	0.6~0.8MPa
Diameter of milling cutter	300×32mm
Saw blade specification	350mm
X-axis adjustment stroke	0~ 1300mm
Y-axis adjustment stroke	0~250mm
Z-axis adjustment stroke	0~550mm
Table size	500×320 mm
Max. tenon size	110mm
Max. vertical cutting size	130mm
Overall dimension	2200×2200×1700mm
Weight	840kg



LXDQZ-ZD-250

Tenon Milling Machine for Aluminum Profile



- It is suitable for forming tenons and step surfaces of various profiles, and is a special and efficient equipment for the production of doors and windows curtain walls
- The machine has the advantages of fixed profiles and moving tools, and can realize multi-quantity and multi-batch molding of long profiles.
- Six sets of combined cutters can be combined into any size according to users' needs, and two sets of cutters can be adjusted within 180°
- The required tenon size can be milled on the profile end face by onetime cutting. At the same time, our company can customize the cutting tool with special thickness according to the customer's requirements, so as to meet the customer's requirements for the size of the nontenon
- The installation of worm gear reducer can realize the stability of cutting tool feeding and ensure the machining size of profile.

Power supply	380V/50Hz
Total motor power	13.2kW
Motor speed	2800r/min
Operating pressure	0.6~0.8MPa
Motor shaft diameter	32mm
Number of milling cutter	6 250 4 14"
Tool feed stroke	1650mm
Open tenon	110mm
Worktable dimension	510×480mm
Tool adjustment stroke	80mm 280mm
Overall dimension	4810×1340×1965mm
Weight	1600kg



LJDX-BP-250*5

Heavy-duty Variable Frequency Lead Screw End-milling Machine for Aluminum Profile



- It is suitable for milling the end face of aluminum profile, so as to meet the matching between center stile and frame material. It can mill multiple profiles at one time with high efficiency.
- Using variable frequency screw drive, the performance is more stable and the machining accuracy is higher.
- Five cutting tools can be used to process and strengthen the center.
- Cutting tools can be adjusted up and down and left and right to adapt to machining with different shapes and sizes
- The cutting tool is adjustable, and it is unnecessary to customize the cutting tool when processing different profiles, thus shortening the production preparation, cycle and reducing the cost
- The motor phase sequence protector is installed in the circuit system, which improves the safety of the system.
- Gas-liquid damping device is adopted in the working progress system, which is stable and reliable.

Power supply	380V/50Hz
Total motor power	9.4kW
Motor speed	2800r/min
Operating pressure	0.6~0.8MPa
Motor shaft diameter	32mm
Milling cutter diameter	250mm
Worktable feed stroke	0~1560mm
Open tenon	40mm
Worktable dimension	530×320mm
Motor adjustment stroke	0~85mm
Overall dimension	3240×1020×1670mm
Weight	850kg



LJDX-200C

Medium-sized End-milling Machine for Aluminum Profile



- It is suitable for milling the end face of aluminum profile, so as to meet the matching between center stile and frame material. It can mill multiple profiles at one time with high efficiency
- Three-axis two motors can simultaneously carry 4- 6 cutters
- Cutting tools can be adjusted up and down and left and right to adapt to machining with different shapes and sizes.
- The cutting tool is adjustable, and it is unnecessary to customize the cutting tool when processing different profiles, thus shortening the production preparation, cycle and reducing the cost.
- The motor phase sequence protector is installed in the circuit system, which improves the safety of the system
- Gas-liquid damping device is adopted in the working progress system, which is stable and reliable.

Power supply	380V/50Hz
Total motor power	4.4kW
Motor speed	2800r/min
Operating pressure	0.6~0.8MPa
Motor shaft diameter	32mm
Milling cutter diameter	250mm
Worktable feed stroke	0~1360mm
Open tenon	40mm
Worktable dimension	330×320mm
Motor adjustment stroke	0~85mm
Overall dimension	2240×1020×1670mm
Weight	450kg

LXD-200A

End-milling Machine for Aluminum Profile



- It is suitable for forming various end grooves of aluminum profiles
- High-precision spindle ensures machining accuracy
- Automatic feeding, low labor intensity
- The workbench can be adjusted up and down, making it convenient to adjust the knife.
- Linear bearing kinematic pair is used for cutting tool feeding, which makes the working performance stable.

Power supply	380V/50Hz
Total motor power	2.2kW
Motor speed	2800r/min
Operating pressure	0.6~0.8MPa
Saw blade specification	(200~110)×32mm
Open tenon(Height x depth)	70×45mm
Feeding stroke of cutter	0~320mm
Overall dimension	850× 740× 1280mm
Weight	200kg

LXCGY-CNC-120

CNC Drilling and Milling Machine for Process Holes



- It is suitable for flexible machining such as pin holes, glue injection holes, (and other subsequent adding functions) of aluminum door and window frames, fans and tappets. Instead of punching machine, 45° openings and sharp corners are adopted to avoid the sharp corners of profiles, so as to protect them and avoid scratches
- The effective processing width is 120mm and the height is 200 mm.
- Input method supports Chinese input (Pinyin/Chinese character library), which is concise and intuitive.

Power supply	380V/50Hz
Total motor power	3.4kW
Milling cutter speed	18000r/min
Operating pressure	0.5~0.7MPa
Width of machined profile	120mm
Height of machined profile	190mm
X/Y/Z axis stroke	260mm/200mm/120mm
Overall dimension	870× 900× 1600mm
Weight	345kg



SETH-CNS-160S

Heavy-duty Single-head Corner Combining Machine for System Doors and Windows



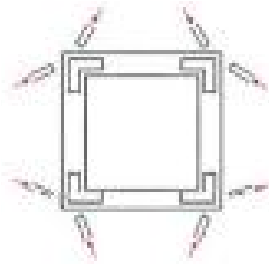
- It is suitable for corner-code punching and riveting connection of aluminum door and window curtain wall.
- This machine is the latest R&D and design model of our company, which is the first in the industry, with stable performance, high precision and high efficiency
- The machine is controlled by program, hydraulic system provides angular power, and has high punching and riveting force, fast speed and stable operation.
- The angle setting knife has a wide adjustment range up and down, is easy to adjust, and adapts to the angle setting of higher and thicker profiles
- The front positioning adopts lifting type, which is convenient for taking and placing materials.
- Double-point knife and step knife can be configured to make the angle strength higher.

Power supply	380V/50Hz
Total motor power	3.4kW
Milling cutter speed	18000r/min
Operating pressure	0.5~0.7MPa
Width of machined profile	120mm
Height of machined profile	190mm
X/Y/Z axis stroke	260mm/200mm/120mm
Overall dimension	870× 900× 1600mm
Weight	345kg



LM4S-100*2500*3500

CNC Four-head Corner Combining Machine



- 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.

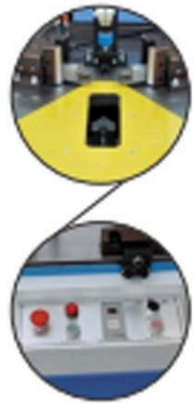


Input power supply	380V/50Hz
Total power	7.5kW
Rated pressure	15MPa
Working air pressure	0.5~0.8MPa
Air consumption	60L/min
Profile width	93mm
Max. frame dimension	2500×3500mm
Min. frame dimension	480×480mm
Overall dimensions	4700×2200×3000mm
Weight	500kg



LMB-SZ-120Z

Heavy-duty Digital Knife Adjustment Corner Combining Machine



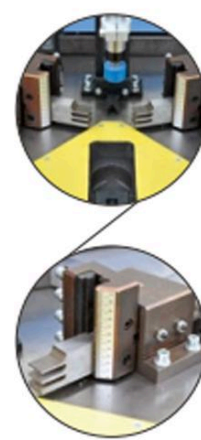
- It is suitable for angle-code punching and riveting connection of aluminum doors and windows curtain wall, with heavy structure and stable performance. It adopts sinking digital cutter adjustment design, which can adjust the cutter quickly and accurately and has higher machining accuracy.
- The power is controlled by hydraulic system, which makes the work stable and reliable
- The rigidity of the left and right punches is synchronously fed, which avoids the useless deformation in the process of assembling angles and makes the connection of window angles firmer.
- Synchronous feeding mechanism makes machine adjustment easier.
- Single-knife and multi-point corner cutters can be configured, which makes the angle of insulation broken bridge aluminum doors and windows more reliable.

Power supply	380V/50Hz
Total motor power	2.2kW
Motor speed	1400r/min
Operating pressure	0.6~0.8MPa
Air consumption	2L/min
Rated pressure	16MPa
Extrusion pressure	48KN
Motion stroke of angle cylinder	85mm
Adjustment range of positioning block	54mm
Height of machined profile	90mm
Overall dimension	1850×1180×1210mm
Weight	550kg



LMB-SZ-120B

Digital Knife Adjustment Corner Combining Machine



- It is suitable for angle-code punching and riveting connection of aluminum doors and windows. The power is controlled by hydraulic system, and the work is stable and reliable.
- Automatic lifting internal positioning makes the workpiece clamping more convenient.
- Special high-speed hydraulic system can provide faster angular speed and improve working efficiency.
- Single-knife and multi-point corner cutters can be configured, which makes the angle of insulation broken bridge aluminum doors and windows more reliable
- LED work lights are set on the countertop, which makes the operation more accurate, practical and convenient, and reduces the rejection rate.
- Major electrical components adopt well-known brands to ensure the reliability of the electrical system.

Power supply	380V/50Hz
Total motor power	2.2kW
Motor speed	1400r/min
Operating pressure	0.6~0.8MPa
Air consumption	2L/min
Rated pressure	16MPa
Extrusion pressure	48KN
Motion stroke of angle cylinder	85mm
Adjustment range of positioning block	54mm
Height of machined profile	90mm
Overall dimension	1850×1180×1210mm
Weight	450kg



LMB-120

Hydraulic-pressure Synchronize Corner Combining Machine



- It is suitable for angle-code punching and riveting connection of aluminum doors and windows. The power is controlled by hydraulic system, and the work is stable and reliable.
- The left punch and the right punch are driven by a hydraulic cylinder through a mechanical linkage mechanism, thus realizing the synchronous feeding of the working rigidity of the two punches, avoiding the useless deformation in the corner assembly process and making the window corner connection firmer.
- Convenient operation, small joint error and good effect of making doors and windows.
- Threaded connection adjusts the distance between the front and rear corner cutters, which makes it more convenient to set the cutters.
- LED work lights are set on the countertop, which makes the operation more accurate, practical and convenient, and reduces the rejection rate.
- Major electrical components adopt well-known brands to ensure the reliability of the electrical system.

Power supply	380V/50Hz
Total motor power	1.5kW
Motor speed	1400r/min
Operating pressure	0.6~0.8MPa
Air consumption	3L/min
Rated pressure	15MPa
Extrusion pressure	48KN
Motion stroke of angle cylinder	85mm
Adjustment range	54mm
Height of machined profile	90mm
Overall dimension	1000×1200×1200mm
Weight	340kg

LJXG-300*200

High-speed Spindle Copy-routing Drilling Machine



- It is suitable for copying all kinds of holes, tenons and grooves of aluminum profiles.
- Precision machining of linear guide rail makes the milling cutter move stably and flexibly and operate easily.
- The advanced milling cutter chuck is selected to match with the imported air-cooled integrated electric spindle, which makes the milling cutter clamping simple and convenient.
- Excellent air-oil filter atomization cooling system makes milling effect better.

Power supply	380V/50Hz
Motor power/speed	2.2kW 18000r/min
Working air pressure	0.6~0.8MPa
Air consumption	2L/min
Copy-routing range	300×220mm
Milling cutter diameter	6-12mm
Profile section	300×100mm
Overall dimension	3000×800×1600mm
Weight	350kg

LJXG-300*150

High-speed Copy-routing Drilling Machine



- Used for copying all kinds of holes, tenons and grooves, running water troughs, etc. of aluminum doors and windows.
- The latest improved linear bearing operation structure and complete product structure.
- The advanced milling cutter chuck is selected to match the imported nishing spindle, which makes

Power supply	380V/50Hz
Motor power/speed	1.5kW 12000r/min
Working air pressure	0.6~0.8MPa
Air consumption	2L/min
Copy-routing range	300×150mm
Milling cutter diameter	6-12mm
Profile section	300×100mm
Overall dimension	3000×1000×1500mm
Weight	300kg

LXFG2-270*115

High-speed Double-shaft Copy-routing Drilling Machine



- It is suitable for copying all kinds of holes, tenons and grooves, running water troughs, etc. of aluminum doors and windows.
- Two mechanical copying modes, copying template and auxiliary sizing, are adopted.
- Two completely independent milling units realize milling in two planes
- One-time clamping, no need to turn over profiles, and lock hole locking tongue can be completed at one time.
- Using imported milling cutter can improve production efficiency and surface quality.

Power supply	380V/50Hz
Motor power	1.5kW×2
Working air pressure	0.6~0.8MPa
Air consumption	2L/min
Copy-routing range	270×115mm
Milling cutter diameter	Φ5 Φ8mm
Overall dimension	880×1150×1580 mm
Weight	350kg

LJS-300*100

Lock-hole and Copy-routing Milling Machine



- It is suitable for copying various types of lockhole slots, holes, mortises, running water slots, etc.
- The design of the motor rear structure makes it faster to take and place profiles, with better processing quality and higher efficiency.
- Two copying modes, namely copying template and auxiliary positioning, are adopted
- It is safe and reliable to use foot switch to control the pressing cylinder
- Compact structure and small volume.

Power supply	380V/50Hz
Input power	2.6kW
Working air pressure	0.6~0.8MPa
Diameter of the three-hole drilling head	12mm
Centers distance of the three-hole drilling head	21.5mm
Copy-routing range	300×100mm
Milling cutter diameter	5 8mm
Overall dimension	870×1200×1500mm
Weight	220kg

SHLJ-100

Vertical Lock-Hole Machine



- Suitable for door and window handle and lock mounting hole and groove forming.
- Drilling bag and milling cutter can be customized according to sample according to different handles and locks
- Convenient operation, stable performance and high machining efficiency

Power supply	380V/50Hz
Motor power	2.2kW+1.5kW
Air pressure	0.6~0.8MPa
Table size	690×340mm
Slotted saw blade	Φ200×Φ32×8mm(2片)
Bit standard	侧 12 中 14
Overall dimension	800×695×1000mm
Weight	200kg

SHWJ-100

Horizontal Lock-Hole Machine



- Used for all kinds of aluminum alloy transmission box, hand lock, milling and one-time forming
- Adopt double shaft combined cutting, special equipment for hand lock of transmission box
- Automatic spray cooling tool, improve tool life
- A clamping can be completed profiles perpendicular to each other in the two sides of the hole.
- The upper slot is formed by a single cutting with a professional cutter, and the length of the slot can be adjusted at will.

Power supply	380V/50Hz
Motor power	1.5kW+1.5kW
Air pressure	0.6~0.8MPa
Table size	690×340mm
Slotted saw blade	200×32×8mm(2)
Bit standard	12 中 14
Overall dimension	800×695×1000mm
Weight	200kg



LZZ6G-13

Six-head Combination Drilling Machine for Aluminum Profile

LZZ4G-13
LZZ8G-13



- It is suitable for drilling aluminum alloy doors, windows and curtain wall profiles, especially for long materials and mass production.
 - The section is less than 200*200mm, and the processing length can reach 6000mm
 - Equipped with six sets of drilling heads to meet the requirement of simultaneous processing of multiple groups of holes.
 - The display screen displays machining data in real time, which is intuitive and clear, and effectively reduces human error
 - The feeding adopts air cylinder and damping cylinder, which has the functions of fast forward and working forward.
 - Using high-quality control system, it can realize single machine head processing and any machine head linkage processing.
 - The machine head can be adjusted manually along the X, Y and Z axes, and is equipped with a scale, which makes the adjustment simple and convenient.
 - Adopt spindle motor, high rotating speed, fast machining speed, self-contained spring chuck, increased tool clamping force, more stable operation, large drilling force and better drilling effect.
- | | |
|--------------------------------|------------------|
| Power supply | 380V/50Hz |
| Motor power | 6×2.2kW |
| Motor speed | 3000r/min |
| Air pressure | 0.6~0.8MPa |
| Max drilling diameter | 16mm |
| Distance between two boreholes | 300~6000mm |
| Bit moving distance | Max.120mm |
| Bit feed stroke | 125mm |
| Table size | 300×300mm |
| Max dimension for machining | Max.200×200mm |
| Overall dimension | 6500×1300×1700mm |
| Weight | 1350kg |



LJLKZ-2300

Double-head hinge Drilling Machine for Aluminum Profile



- It is suitable for high-efficiency drilling of hinge mounting holes, sliding support wind support holes and four-link holes of aluminum doors and windows
 - Four holes can be drilled on both sides at the same time, so the production efficiency is high, and the two heads can work independently or simultaneously.
 - The bed of the machine tool is equipped with two heads, the left head is fixed and fixed on the bed with screws; The right head can be pulled by the handle to move on the circular guide rail and locked at the required position, and is equipped with an air cylinder approach device to facilitate sizing
 - The drill bit moves back and forth on the linear guide rail width by the air cylinder, and the front end of the drill bit is equipped with a buffer, which can make the drill bit move smoothly and limit it.
 - A console is installed in front of the lathe bed, and all the electrical control elements are installed on the console. After the workpiece is placed on the console, the machine can complete the pressing, cutting, tool returning and loosening processes as long as the operator presses the button according to the operating rules.
- | | |
|-----------------------------|-----------------|
| Power supply | 380V/50Hz |
| Motor power | 2×1.5kW |
| Operation air pressure | 0.6~0.8MPa |
| Gas consumption | 30L/min |
| No.of power-drill | 8 |
| Drill speed | 1400r/min |
| Machining transverse length | 300~2300mm |
| Feed speed | 0~3m/min |
| Overall dimension | 4200×1300×750mm |
| Weight | 400kg |



LZK-CNC-150

CNC Drilling Machine for Aluminum Profile



- It is suitable for high-efficiency drilling in many complex processes such as the center stile of aluminum-plastic profiles and various holes of louvers
- Numerical control system control, simple operation, accurate processing and high efficiency.
- This machine replaces many complicated processes such as manual marking and pistol drilling, and improves the machining quality and work efficiency several times
- Drilling about 600 square meters every day greatly reduces the labor intensity of workers, and the drilling spacing and speed can be adjusted at will, so it is suitable for various profiles.

Input voltage	380V/50Hz
Input power	1.1kW
Air pressure	0.6~0.8MPa
Adjustment distance of drill bit	20 ~112mm
Borehole size	0 ~150mm
Overall dimension	1500×800×1700mm
Weight	450kg

LYZ4-90

Heavy-duty Single-head Corner



- 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.

Power supply	380V/50Hz
Input power	4.0kW
Rated oil pump pressure	20MPa
Nominal pressure	50KN
Closing height	185mm
Stamping stroke	30mm
Fuel tank capacity	80L
Overall dimension	1100×1200×1700mm
Weight	950kg

LYA2-90

Heavy-duty Single-head Corner



- It is suitable for blanking of single-mode and multi-station combined dies for various series of aluminum door and window profiles.
- Large mold loading space, simple and quick mold installation and replacement, and high production efficiency.
- By adopting an extended workbench, three sets of dies can be installed at three working positions, and the three sets of dies can work simultaneously or independently, thus greatly improving the working efficiency

Power supply	380V/50Hz
Input power	3.0kW
Rated pressure	12MPa
Press nominal pressure	100KN
Interval of equipment of mould	3
Stamping stroke	30mm
Capability of oil box	50L
Overall dimension	1300×730×1280mm
Weight	400kg

LY6-50

Six-stations Hydraulic-pressure Pressing Machine



LY-16

Hardware Pressing Machine



LY1-30

Hydraulic-pressure Pressing Machine



DCS/X-3000

CNC/CNS Size Stopper

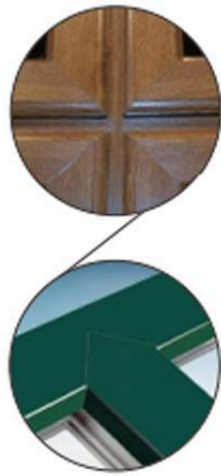


SHWA4-120*4500

Hydraulic-pressure Pressing Machine

SHWA3-120*3500

SHWA2-120*3500



- Used for welding color plastic, plastic steel profiles, welding is completed at the same time will be on both sides of the welding tumor cleaning is completed. Surface joint does not leak ground color, high-grade beautiful.
- "Seamless / slotted" conversion function is suitable for all kinds of color plastic and plastic steel profiles, as "slotted" welding instead of "ordinary welding machine", avoid tool wear, longer service life, and welding power more uniform, welding quality is better.
- "Co-extrusion / Im coating" conversion function (to be customized), specially designed for Im coating profiles, to prevent tearing Im and joint foaming.
- High precision linear feed slide, extended guide part, integral upper pressure clamp plate, four corners linear design, welding quality is good, long-term guarantee accuracy

Power supply	220V/50Hz
Rating power	4.5kW
Air consumption pressure	0.6~0.8MPa
Air consumption	280L/min
Welding width	120mm
Welding height	25~120mm
Welding range	435~4300mm
Overall dimension	5260×980×1760mm
Weight	1400kg

LJ VW-60

V-Cutting Saw for PVC Profile



- It is suitable for cutting 90°V-shaped grooves of aluminum-plastic profiles
- Automatic central positioning device for easy operation
- Pneumatic transmission is easy to operate
- The mechanism design of the whole machine is reasonable and the operation is safe and convenient.

Power supply	380V/50Hz
Input power	2.2kW
Motor rotary speed	2800r/min
Cutting width	120mm
Cutting height	20~60mm
Cutting length	300~1700mm
Overall dimension	1350×500×1350mm
Weight	200kg

SJBW-1800

Glazing Bead Saw for PVC Profile



- Used for 45° cutting of glass bead and milling of pressing angle.
- Can cut two battens at the same time with high efficiency.
- Adjustable batten backing plates are provided, which do not need to be replaced when replacing profiles, thus avoiding reinvestment and reducing the production preparation period of doors and windows
- The adjustable positioning plate is provided with an in-plane fine adjustment device, so that the inner vertical angle after the layering is assembled is in close fit.

Power supply	380V/50Hz
Input power	2.2kW
Motor rotary speed	2800r/min
Cutting width	100mm
Cutting height	33mm
Cutting length	320~1800mm
Overall dimension	1350×600×1350mm
Weight	250kg

LXCA-60

Water Slot Milling Machine for PVC Profile



- Used for processing various types of drainage grooves and air pressure balance grooves of PVC Profiles.
- Automatic tool changing for the under machine head, a clamping automatic complete the processing of profiles on both ends of the tank.
- Independent milling feeding system, no need of special maintenance, easy operation.
- Convenient adjustment of tool position, is suitable for different profiles.
- Water slot milling length adjustable within 100mm, wide adaptability.

Power supply	220V/50Hz
Input power	1.14kW
Cutter diameter	45mm
Slot depth	30mm
Slot width	4~5mm
Slot length	0~100mm
Overall dimension	950×1000×1800mm
Weight	300kg

SQJB-CNC-120

CNC Corner Cleaning Machine for PVC Window



- It is suitable for cleaning the welding corner joints of plastic doors and windows, with two-axis numerical control system and servo drive.
- The unique internal positioning method ensures the accuracy of cleaning the welds of doors and windows.
- It can store processing programs of profiles of various specifications.
- It can realize arc difference compensation and diagonal difference compensation, and can ideally meet the needs of making high-quality doors and windows with various section profiles.

Power supply	380V/50Hz
Input power	2.2kW
Motor rotary speed	2800r/min
Cutting width	100mm
Cutting height	33mm
Cutting length	320~1800mm
Overall dimension	1350×600×1350mm
Weight	250kg

QUALITY ASSURANCE

Standardize the process, select the best and choose the best

Allumatic intelligently regards "quality" as the foundation of the company's survival and development, strictly implements international standards and quality control system to ensure quality and provide customers with excellent products. The company abides by the principle of "quality first", insists on adopting international first-line brand accessories, and carries out strict quality inspection and screening on each accessory, strictly controls the unqualified products flowing into the company's production links, and fundamentally guarantees product quality. And to provide users with genuine original accessories, to maintain the accuracy of equipment use and ensure the interests of users

Brand accessories and strategic partners

