

Aluminum Window & Door Machines

1. CNC Double head Precision Cutting Saw LJZ-CNC-500*4200



The imported digital control system ensures the precise cutting size. The imported ball screw rod drives the machine to move horizontally with precise repeat orientation. You can set a series of data to realize the continuous cutting according to the preset program. The blade feeding is hydraulic damping drive with large processing range. And the maximum cutting length is 4200mm. The cutting angle is 90, 45 and 22.5 degree. The changeover between the three angles is automatic.

Main Parameter

Power Supply	380V 50Hz
Input Power	6.5KW
Working Air Pressure	0.5-0.8MPa
Blade Rotational Speed	3100r/min
Saw Blade Specification	D=500mm, d=30mm
Cutting Length	380-4200mm
Cutting Angles	90, 45, 22.5 (67.5) degree
Outside Dimension	5700*1750*1990mm
Weight (about)	1900Kg

2. Double-head Precision Cutting Saw machine LJZY-500*4200



The main spindle is produced by the specialized manufacturer. And the imported linear bearing motional pair is used to move the head horizontally. The blade feeding is hydraulic damping drive with large processing range. And the maximum cutting length is 4200mm. The cutting angle is 90, 45 and 22.5. The cutting length and other parameters are digital display.

Technical Parameter

Power Supply	380V 50Hz
Input Power	4.4KW
Working Air Pressure	0.5-0.8MPa
Blade Rotational Speed	3100r/min
Saw Blade Specification	D=500mm, d=30mm
Cutting Length	380-4200mm
Cutting Angles	90,45 (22.5)
Outside Dimension	5685*1750*1990mm
Weight (about)	1800Kg

3. Double-head Precision Cutting Saw machine



Double-head Precision Cutting Saw machine is used for cutting aluminum profiles. The main spindle is manufactured by the specialized manufacturer. And the imported linear bearing motional pair is used to move the head horizontally. The blade feeding is hydraulic damping drive with large processing range. And the maximum cutting length is 4200mm. The cutting angle is 90, 45 .

Technical Parameter

Power Supply	380V 50Hz
Input Power	4.4KW
Working Air Pressure	0.5-0.8MPa
Blade Rotational Speed	3100r/min
Saw Blade Specification	D=500mm, d=30mm
Cutting Length	380-4200mm
Cutting Angles	90, 45 (22.5)
Outside Dimension	5685*1750*1990mm
Weight(about)	1800Kg

4. CNC Double-head Cutting Saw for Aluminum Door & Window. LJZ2-CNC-450x3700

The machine is used for cutting -45° - 90° - 45° . Adopt heavy duty type linear guide and high precision rack transmission part. The moving head is dragged by stepper motor, controlled by CNC, LCD panel have software for cutting The machine with dual-purpose, not only cutting, but also can cut connector. It features of stable structure , good rigidity, safe and reliable , high precision, large cutting range, high efficiency, easy operation.

Technical Parameter

Technical Parameter

Model	LJZ2-CNC-450x3700
Power supply	380V 50HZ
Input power	3.7KW
Air pressure	0.5-0.8Mpa
Blade rotational speed	3087r/min
Saw blade specification	D=450mm d=30mm
Cutting length	Min580mm Max3700mm
Cutting angles	-45° 、 90° 、 45°
Outside dimension	4500x1170x1400mm
Weight(about)	1300kg

5. Double-head Cutting Saw for Aluminum Door and window LJZ2-450*3700

Double-head Cutting Saw is used to process the aluminum and plastic profiles at angles of -45 to 90 to 45. Pneumatic driving system and linear feeding ensures the stable operation. The movement of the two heads is driven by the motor. The machine has the advantages of good rigidity, reliable operation, high accuracy, large processing range and high efficiency.

Technical Parameters

Power Supply	380V 50Hz
Input Power	3.6KW
Working Air Pressure	0.5-0.8MPa
Blade Rotational Speed	3087r/min
Saw Blade Specification	D=450mm, d=30mm
Cutting Length	580-3700mm
Cutting Angles	-45-90-45
Outside Dimension	4500*1100*1400mm
Weight (about)	1250Kg

6. Glazing Bead Saw for Aluminum Window & Door LYJ-1800



The machine applies to processing glass bead for aluminum window. One can cut two beads with high efficiency. Two machine heads can cut 45° angles at the same time with high accuracy. Feeding system adopts imported linear guide bearing, with high accuracy and staying quality.

Technical Parameter

Model	LYJ-1800
Power supply	380V 50HZ
Input power	1.1KW
Air pressure	0.5-0.8Mpa
Blade rotational speed	2800r/min
Saw blade specification	D=210mm d=30mm
Cutting length	Max1800mm
Cutting angles	45°
Outside dimension	1200×1200×1500mm
Weight (about)	300kg

7. Corner Connector Automatic Cutting Saw for Aluminum Door and Window LJJ-140

Power Supply	380V 50Hz
Input Power	2.2KW
Working Air Pressure	0.4-0.6MPa
Blade Rotational Speed	3200r/min
Saw Blade Specification	D=450mm d=30mm
Cutting Length	3-100mm
Cutting Width*Height	120*180mm
Outside Dimension	5500*1400*1600mm
Weight (about)	530Kg

Corner Connector Automatic Cutting Saw is an automatic machine specially designed to cut the corner connector of the aluminum profile. What you have to do is to place the profile and all the operation is finished automatically. The main spindle is manufactured by the specialized manufacturer, and the clamp device ensures no residual sharp corner even cut 3mm corner connector. It has the advantages of digital display, hydraulic damping feeding and good rigidity

8. Corner Connector Automatic Cutting Saw for Aluminum Door and Window LJJ-140A

It is an automatic machine specially designed to cut the corner connector of aluminum profile. What you have to do is to place the profile and all the operation is finished automatically. The main spindle is manufactured by the specialized manufacturer, and the clamp device ensures no residual sharp corner even cutting 3mm corner connector. It has the advantages of digital display, hydraulic damping feeding and good rigidity.

Technical Parameters

Power Supply	380V 50Hz
Input Power	2.2KW
Working Air Pressure	0.4-0.6MPa
Blade Rotational Speed	3100r/min
Saw Blade Specification	D=500mm d=30mm
Cutting Length	3-100mm
Cutting Width*Height	135*200mm
Outside Dimension	1140*1480*1270mm
Weight (about)	580Kg
Max. Processing Hole Size	90*45*200mm

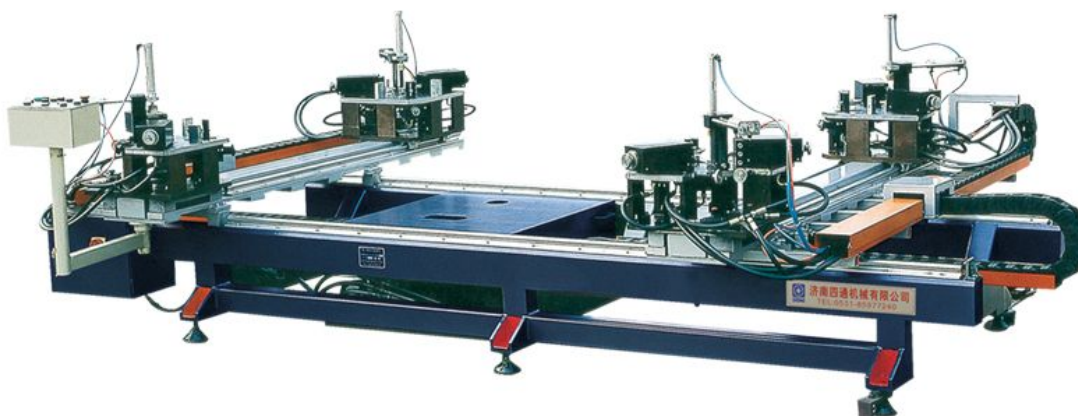
9. Corner Connector Semi-automatic Cutting Saw LJJ-120A



Power Supply	380V 50Hz
Input Power	1.5KW
Working Air Pressure	0.4-0.6MPa
Blade Rotational Speed	2850r/min
Saw Blade Specification	D=420mm d=30mm
Cutting Length	3-100mm
Cutting Width*Height	110*150mm
Outside Dimension	5100*1100*1600mm
Weight (about)	300Kg

Corner Connector Semi-automatic Cutting Saw is specially used to cut the corner connector of the aluminum profile. It has reliable length of corner connector orientation device, three clamp devices, and guiding device at the place of finished corner connector, which ensures that the cut corner connector with no useless sharp corners. There is no residual sharp corner even cutting the 3mm corner connector.

10. Four-head Corner Combining Machine ZJ-100*3000*1800



Technical Parameters

Four-head Corner Combining Machine used to combine 90° corners for aluminum doors and windows, colored aluminum doors and windows and insulating doors and windows, the four heads can simultaneously run to combine the corners and assemble one window frame (panel) in one operation, the main positioning hydraulic cylinder is under the work bench with convenient loading and unloading, with long positioning travel, it is applicable to a wide range of profiles, especially suitable for corner combination of the many insulated aluminum windows, with good rigidity, the stand will not easily deform, with stand-alone movable control desk, the operation is flexible and convenient, reinforced clamping guide rod can prevent mal-position of profiles, Low-pressure approaching and high-pressure progressing enables stable operation.

Power Supply	380V50Hz
Input Power	3.5KW
Working Air Pressure	0.5-0.8MPa
Air Consumption	0.45L/min
Rated Oil Pressure	18MPa
Oil Tank Volume	40L
Corner Combining Cylinder Stroke	0-50mm
Min. Processing Frame size	480*480mm
Outside Dimension	4700*2450*1180mm
Weight (about)	2200Kg

11. CNC Four-head Corner Combining Machine ZJ-CNC-100*3000*1800



Features:

- used for corner punching and riveting combination of aluminum win-door
- four corners connecting at one time are available
- clamping device can move front and back automatically, easily operation
- wide profile processing range due to convenient corner combining cylinder setting
- head feeding adopts high helical pitch ball screw-lead controlling, high accuracy
- imported CNC system, convenient operation

Technical Parameters

power supply: 380V
 Input power: 7.5KW
 Air pressure: 0.5-0.8MPa
 Air consumption: 0.5L/min
 Rated oil pressure: 18MPa
 Oil tank volume: 40L
 Corner combining cylinder stroke: 0-50mm
 Min. processing width: 480*480mm
 outside dimension: 4700*2450*2250mm
 Weight (about):2500Kg

12. Double-head Corner Combining Machine ZJ-100*3000

Double-head Corner Combining Machine can be used to assemble aluminum door and window and can complete punching and riveting connection of two corners by one operation with high production efficiency. The clamping and positioning device can be adjusted vertically and is applicable to profiles of various sizes and sections with excellent using. High-precision linear bearing motional pairs are adopted with high precision of corner Combining, The hydraulic system is adopted with big punching and riveting force and high strength of corner connection.

Technical Parameters

Power Supply	380V 50Hz
Input Power	3.0KW
Working Air Pressure	0.4-0.6MPa
Air Consumption	0.2L/min
Rated Oil Pressure	18MPa
Oil Tank Volume	40L
Corner Combining Cylinder Stroke	0-50mm
Max. Processing Frame size	3000mm/1800mm
Min. Processing Frame size	480*480mm
Outside Dimension	3600/2400*1500*1350mm
Weight (about)	1000Kg/600Kg

13. Corner Combining Machine LZJ-02



Power Supply	380V 50Hz
Input Power	1.1KW
Working Air Pressure	0.5-0.8MPa
Air Consumption	2L/min
Max. Pressure	16MPa
Outside Dimension	830*1000*1200mm
Weight(about)	380Kg

Corner Combining Machine is one of the essential equipments for production line of aluminum doors & windows. It is mainly used for 90-degree joint extrusion and connection. Place an corner connector into the cavity between the two profiles before corner combination. The hydraulic driving file make the profile keep its new form permently. This kind of extrusion the joints of two profiles has much higher efficiency and precision than any means of connection.

14. Multi-bytes Corner Combining Machine LZJ-03



.Working Air Pressure	0.5-0.8MPa
Air Consumption	182L/min
Max. Pressure	16MPa
Outside Dimension	820*820*1400mm
Weight(about)	450Kg

Multi-bytes Corner Combining Machine is designed for 45 degree corner combining. It can combining special aluminum window which features double-decked dislocation corner-connector one time It adopts pneumatic system and special mechanism, it has features of high precision, no dislocation, easy maintenance and high efficiency

15. End –milling Machine for Plastic & Aluminum Profile LXD-250B



The machine is used for milling the aluminum mullion/transom and reinforced mullion. Large capacity milling, multi-pieces profile milling in one cycle. Universal milling blades can be adjusted in up/down, left/right directions and not made extra, which to fit for different processing requirement and ensure the efficient working. It can work for the reinforced mullion in one cutting/million cycle. Large tools with high and stable milling speed guarantee the working quality.

Technical Parameter

Power supply	380V 50HZ
Input power	8.8KW
Air pressure	0.5-0.8Mpa
Air consumption	150L/min
Motor rotational speed	2800r/min
Main shaft diameter	Φ32mm
Milling Cutter diameter	Φ250mm
Outside dimension	2480×970×1450mm
Weight (about)	600kg

16. End-milling Machine for Aluminum and Plastic profile LXD-250



End milling Machine can be used for end milling of the profiles for aluminum doors and windows. With a large working bench and long cutting stroke, it can mill 6-10 profiles with one operation. With adjustable cutting tools, it is unnecessary to replace multiple cutting tools in case of changing the product so as to save the production period and cost of cutting tools. Multiple sets of cutting tools can work simultaneously or separately based on different profiles. With bigger diameter

of cutting tools, the quality of machining surface is better. The hydraulic damping cylinder is used to push the feed of cutting tools to enable more stable operation. The thickened clamping plate can prevent the profiles from deforming.

Technical Parameters

Power Supply	380V50Hz
Input Power	6.6KW
Working Air Pressure	0.5-0.8MPa
Air Consumption	150L/min
Motor Rotational Speed	2800r/min
Main Shaft Diameter	32mm
Milling Cutter Diameter	250mm
Outside Dimension	2400*1200*1800mm
Weight (about)	450Kg

17. End-milling Machine for Aluminum and Plastic Profile LXD-200B

Power Supply	380V 50Hz
Input Power	1.5KW
Working Air Pressure	0.5-0.8MPa
Air Consumption	80L/min
Motor Rotational Speed	2800r/min
Main Shaft Diameter	32mm
Milling Cutter Diameter	110-200mm
Outside Dimension	850*740*1350mm
Weight (about)	200Kg

The machine is the special equipment used for aluminum profile and milling. It can be used for special-shaped profile surface milling for plastic and aluminum door & window. It can mill different sections through changing the cutters processing several aluminum profiles at one time, end milling, applicable for mass production of aluminum windows and doors with split joint or spiro union.

18. End-milling Machine for Aluminum and Plastic Profile LXD-200

End-milling Machine is a special machine used for end milling of plastic and aluminum profiles. It can be used not only for abnormal shaped profile but also other types of aluminum and plastic profiles. It can mill different types of profiles through changing cutters. Through rotating the orientation board, it can achieve end milling between angles of -55 and 55 degree. It features firm structure, good rigidity and high efficiency.

Power Supply	380V 50Hz
Input Power	1.5KW
Working Air Pressure	0.5-0.8MPa
Air Consumption	150L/min
Motor Rotational Speed	2800r/min
Main Shaft Diameter	32mm
Milling Cutter Diameter	110-200mm
Max. Processing Hole Size	90*45*200mm
Outside Dimension	850*740*1280mm
Weight (about)	150Kg

19. Double-Head Copy-Routing MachineLSX01-100



Double-Head Copy-Routing Machine is used for copy-routing of different shapes of holes and grooves of aluminum and plastic doors & windows. The belt is accelerated to achieve the high milling speed (12000r/min). With the pneumatic driving system, it can process the water slots, pulley holes, lock holes and hardware holes. Both vertical and horizontal processing is available with only one clamping. It has the features of easy operation, wide range and high reliability.

Technical parameters

Power Supply		380V 50Hz
Input Power		1.5KW
Working Air Pressure		0.5-0.8MPa
Air Consumption		150L/min
Cutting Groove Range	Vertical	90*290mm
	Horizontal	100*300mm
Outside Dimension		1000*1130*1500mm
Weight		220Kg

20. Single-Head Copy-Routing MachineLSX-100



Power Supply	380V 50Hz
Input Power	0.75KW
Working Air Pressure	0.4-0.6MPa
Air Consumption	30L/min
Processing Range	90*290mm
Outside Dimension	1000*1130*1500mm
Weight (about)	170Kg

Single Head Copy Routing Machine is used for copy-routing of different shapes of holes and grooves. The belt is accelerated to achieve the high milling speed (12000r/min). With the pneumatic driving system, it can process the water slots, pulley holes, lock holes and hardware holes. It has the features of easy operation and high reliability.

21. Profile Tenon Milling Machine for Aluminum Curtain-wall LXSJ6-250

Model	LXSJ6-250
Power supply	380V 50HZ
Input power	13.2KW
Motor rotational speed	2800r/min
Main shaft diameter	Φ32mm
Milling Cutter diameter	Φ250mm
Outside dimension	2070×1130×1820mm
Weight (about)	1500kg

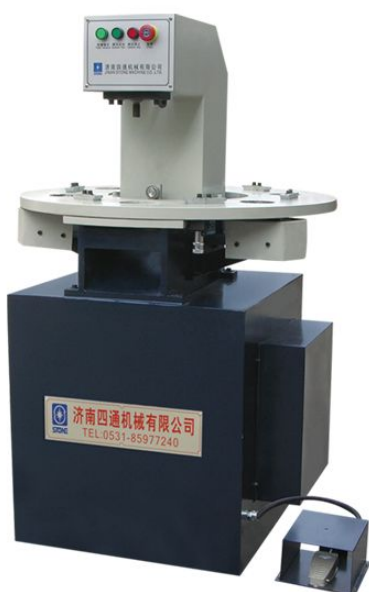
This machine is used for milling the aluminum/curtain wall profile and tenon section. Six set milling cutters combined to meet all milling size requirement. One time feeding can process the required mortise dimension of the profile surface. Tenon the required size in one cycle. Milling the angle ranging from 0-180 °, Motor driving system for feeding.

22. Combination Drilling Machine LZD4-13

Combination Drilling Machine for Aluminum window is specially designed to drill the aluminum profile. It is also applicable to drilling the plastic profiles. It has several motor heads. It cannot only drill the single hole but also a line of holes. It has the advantages of high precision and stable operation.

Technical Parameters

Power Supply	380V50Hz
Input Power	3KW
Working Air Pressure	0.5-0.8MPa
Air Consumption	60L/min
Drill Diameter	12mm
Max. Processing Length	5000mm
Outside Dimension	5600*700*1180mm
Weight (about)	2000Kg

23. Pressing Machine for aluminum profile LY-63

Power Supply	380V50Hz
Input Power	2.2KW
Motor Rotational Speed	1420 r/min
Rated Oil Pump Pressure	16Mpa
Oil Tank Volume	20L
Nominal Pressure	50KN
Punching Stroke	30mm
Stroke Times	30time/min
Closing Height	185mm
Outside Dimension	900*900*1413mm
Weight (about)	380kg

Pressing Machine for Aluminum Profile is used to punch and cut various profiles for aluminum door & window surface. Open-type construction enables flexible operation positions. Rotating working bench enables convenient switchover among six sets of molds. It is convenient to design and install single-position mold and can also realize multi-position punching and cutting. The hydraulic power is stable and the pressure is big, so it can adapt to complex punching and cutting procedure.

24. Pressing Machine for Aluminum profile LY-30

Power Supply	380V 50Hz
Input Power	1.1KW
Motor Rotational Speed	930r/min
Max. Punching Pressure	30KN
Punching Stroke	17mm
Max. Closing Height	167mm
Worktable Size	140*280mm
Die Size	497*200*167mm
Outside Dimension	730*405*1330mm
Weight (about)	850kg

The pressing machine is essential for assembling aluminum doors & windows, applicable to punch aluminum profiles. Each combination dies, assorted with the pressing machine, complete all punching procedures of window frame and window casement of one specification. By changing different dies, the machine can complete punching processing of windows and window frames of different specifications. So it features high safety and small structure. The overall size of all dies is consistent with sealing height. Therefore it is very easy to change dies

25. Pressing machine for Aluminum Window and Door Hardware LY-16



This machine is used for punch hardware holes of windows and doors and other holes or grooves in windows and doors. Pneumatic punching with four stations makes punched holes smooth, and ensures productivity effect. Driving system with pneumatic transmission makes punching process stable.

Technical Parameter

Model	LY-16
Nominal pressure	16KN
Punching stroke	30mm
Die size	340×240×500mm
Outside dimension	520×450×1200mm
Weight (about)	120kg

26. CNC Bending Machine LW-CNC-100



It's mainly used for bending iron, copper profile, aluminum profile or special-shaped profile etc. It adopts automatic CNC systems and can satisfy all kinds of profile on bending the arc and curvilinear connection. Adopt special device to protect the profiles and avoid re-processing. It's ideal machine for processing the high quality aluminum alloy door and window.

Technical parameters

Power supply	380V 50HZ
Input power	3.7KW
Motor rotational speed	5-15r/min
Roller diameter	Φ50mm
Nominal pressure	10T
Min bending diameter	400mm
Outside dimension	1600×700×1600mm
Weight (about)	900kg