



LNS Corporation

Imports - Manufacturing - Distribution

info@lnscorp.co.za

+27 78 018 6277

CONTENT



001~002	PVC WINDOWS SAWING CENTER
003~005	WELDING CORNER CLEAN PRODUCTION LINE
006~007	CNC FOUR CORNER WELDING MACHINE
008~012	ONE/TWO/THREE/FOUR HEAD WELDING MACHINE(SEAMLESS)
012~016	GLAZING BEAD CUTTING SAW, V NOTCH AND MULLION CUTTING SAW
013~015	TWO HEAD CUTTING SAW SINGLE HEAD CUTTING SAW
017~019	WATER SLOT MILLING MACHINE
020	PVC SCREW FASTENING MACHINE
021	SEAL COVER MILLING MACHINE, V CORNER CLEAN MACHINE
022~024	CORNER CLEAN MACHINE
024~025	LOCK HOLE COPY MILLING MACHINE
026	PVC ARC BENDING MACHINE
027	ALUMINUM CNC SAWING MILLING CENTER
028~032	DOUBLE HEAD CUTTING SAW SINGLE HEAD CUTTING SAW
033~036	CNC ALUMINUM MILLING MACHINE
037	ALUMINUM BENDING MACHINE

038	AUTOMATIC WINDOWS SEALING MACHINE
039	ALUMINUM PUNCHING MACHINE
040~041	CORNER CONNECTOR CUTTING SAW
042~045	CORNER CRIMPING MACHINE
046~048	END MILLING MACHINE
049	MULTI-HEAD COMBINATION DRILLING MACHINE
050	ASSEMBLE TABLE

1

SJMCX02 PVC WINDOWS SAWING AND MILLING CENTER



This machine is a specialized equipment for drilling, milling and sawing plastic door and window profiles. The equipment can complete the profile drilling, slot milling processing and profile surface cutting at any angle (0° ~ 150°) on the basis of one feeding.

Equipment features:

- The automatic loading table can continuously and automatically clamp the profile for cutting and processing.
- The moving part adopts high-precision linear guide rail, which runs smoothly and ensures the machining precision.
- Manipulator movement adopts imported high-precision rack and pinion to ensure feeding precision.
- The drilling and milling part is equipped with double spindle motors, which can drill holes and milling slots on all sides of the profile.
- Imported motor directly connected with saw blade, stable cutting, high processing precision; ensure stable and reliable operation of the equipment.
- Continuously complete the cutting of any angle of the profile, higher processing efficiency.
- Equipped with automatic recycling material head function. Shell closed design, to ensure the safety of operators.
- Optional increase in bar code printer, connected to the software to realize the digital factory system.

TECHNICAL PARAMETER

Power supply	380V/50Hz
Total power	25kW
Working air pressure	0.6~0.8MPa
Sawing motor power	3.0kW
Drilling and milling spindle motor power	4 × 3.0kW
Motor speed	2800r/min
Saw blade specification	Φ500 × Φ30 × 4.4mm × 120TP
Milling and cutting profile height	30~120mm
Milling and cutting profile width	30~120mm
Cutting length	350~6000mm
Sawing length accuracy	±0.2mm
Repeat positioning error	±0.05mm
Overall dimension	20000 × 4000 × 2500mm

2

SJMC02 PVC WINDOWS SAWING CENTER



TECHNICAL PARAMETER

Voltage	380V/50Hz/3 phase
Rated Power	10.5kW (1 Max)
Saw blade speed	3000 r/min
Saw Blade Specification(Outer diameter × thickness of base/teeth × inner hole)	Φ500mm × 4.3mm×Φ30mm
Range of Profile Processing Length	Max 6000mm(According to requirement)
Max. Cutting Width	150mm (Single Piece)
Cutting Height	Frame/Teeth:120mm
Multion	54.120mm
Air Pressure	0.7~0.8MPa
Air Consumption	300 l/min
Overall Dimension	11900mm × 4400mm × 2400mm
Weight	3600kg
Watch Depth	100mm
Min Cutting Length	Frame/Teeth: 350mm
Multion	400mm

Function :

The sawing unit of the complex window system solution is used for automatic cutting of 45° , V-shaped mouth and elevator of plastic profiles, suitable for mass production of high-grade doors and Windows.

Main Features :

- The cutting size can be manually input according to the optimization sheet, and the optimized cutting data and process parameters can be automatically imported (optional).
- Automatically complete the profile clamping, feeding, cutting, high degree of automation.
- It is equipped with circulating feeding system, which greatly improves the production efficiency.
- The manipulator can complete the sawing and cutting of four profiles at the same time, with high production efficiency.
- High speed feeding system, high production efficiency.
- High precision spindle motor, high processing quality.
- Linear motion auxiliary guide rail, high dimensional accuracy of processed products.
- Three-axis CNC, high degree of automation.
- Imported servo and drive system machining precision is high.
- All imported high-quality electrical and pneumatic system components, high stability and reliability.
- Can communicate with the host computer, automatic selection of machining tasks, flexible implementation of computer aided design/manufacturing (CAD/CAM).
- Barcode printer can be configured to print material identification in real time, realize process information identification, and facilitate material management (software support, optional).
- Equipped with automatic discharge system, easy to operate.
- With automatic head collection system, clean working environment.
- Operation table and fuselage height design in line with the ergonomic principle, reduce the labor intensity of workers.
- This machine is especially suitable for complex window type batch, high quality production.



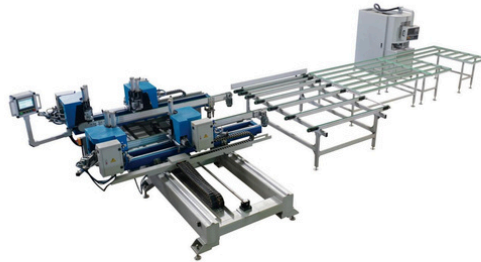
3

SHQ01 AUTOMATIC WELDING CORNER CLEAN MACHINE

It is used for making plastic steel high-grade doors and windows, and automatically completes the welding, conveying and cleaning of the corner joints of high-grade doors and windows.

Features :

1. consists of horizontal four-corner welding machine unit, automatic conveying unit and corner cleaning unit
2. Processing doors and windows with high precision and quality, reaching the German level
3. digital control, high degree of automation
4. Automatic fault monitoring, diagnostic diagnosis; visualization programming, easy to operate
5. Automatic transmission to the position of the angle cleaning machine after the end of profile welding, manual rotation of the profile to realize the automatic cleaning of the angle
6. can realize profile welding seam cleaning, high grade appearance
7. can realize network control



TECHNICAL PARAMETER

Working air pressure	0.7MPa
Air consumption	550L/min
Input power	230/400V 3PH; 50/60Hz
Input power	15kW
Processing profile height	30mm~160mm
Processing profile width	0mm~130mm
Processing range	450mm×450mm~3000mm×2400mm
Overall dimension	15000mm×6000mm×2400mm
Weight	4000kg

4



AWCL-400 AUTOMATIC WELDING AND CLEANING PRODUCTION LINE



TECHNICAL PARAMETER

Working air pressure	0.5~0.8MPa
Air consumption	260L/min
Input power	380V 50Hz
Input power	32.5kW
Welding profile height	30mm~100mm
Welding profile width	≤120mm
Size of welded window	450mm×450mm~2400mm×3000mm
Overall dimension	15500mm×5250mm×2000mm
Weight	6000kg

This machine can automatically welding and cleaning the corners of two rectangular frames at one time.

Features :

1. It is the most advanced model in China, suitable for batch production of high-grade doors and windows.
2. consists of welding unit, automatic transfer unit and four-head automatic chamfering unit.
3. The horizontal arrangement of the welding machine adopts enhanced rigidity design, which is smooth and reliable.
4. unique machine head of super rigid design, really meet the double welding requirements.
5. The head feed adopts square guide rail movement vice, stable and reliable performance.
6. unique forced synchronization technology, combined with unique know-how, improves the strength and quality of the weld corner.
7. for quick and easy replacement of welding pads
8. Double-layer automatic discharge system, smooth and reliable
9. Four-head clearing machine can automatically complete the positioning, clearing and transfer without manual intervention.
10. can realize the cleaning of the upper and lower planes, the external surface, and the inner corner of the adhesive tape groove of the welding fillet weld, with a beautiful appearance
11. adopts imported brand complete set of numerical control system and high quality electric and pneumatic system, reliable performance.
12. optimized program design, high production efficiency
13. only need 1 person to operate, save personnel
14. it is especially suitable for the production of high-grade plastic doors and windows, large production volume of doors and windows enterprises

5

SHQ02 AUTOMATIC WELDING CLEANING PRODUCTION LINE

Function :

Used for making high-end plastic steel doors and windows, automatically completing welding, conveying, and corner seam cleaning of high-end doors and windows

Main Features :

Consisting of a horizontal four corner welding machine unit, an automatic conveying unit, and a corner cleaning unit
 High precision and quality processing of doors and windows, reaching the German level
 Digital control with high degree of automation
 Automatic fault monitoring and diagnosis; Visual programming, easy to operate
 Automatic profile recognition function
 Able to achieve cleaning of profile welds, with a high level of appearance
 Capable of achieving networked control



TECHNICAL PARAMETER

Air Pressure	0.7MPa
Air Consumption	550L/min
Input Voltage	230/400V 3PH; 50/60Hz
Input Power	15KW
Welding Height	30mm~130mm
Welding Width	0mm~130mm
Processing range	450mmx450mm ~ 3000mmx2400mm
Overall Dimensions	15000mm x 6000mm x 2400 mm
Weight	4000 kg

6



HRWD-3000BG CNC DOUBLE LAYER PVC WELDING MACHINE



TECHNICAL PARAMETER

Voltage	380V 50Hz 3PH
Input Power	14kW
Air Pressure	0.5- 0.8MPa
Air Consumption	100L /min
Welding Height	30- 90mm
Max. Welding Width	120mm
Welding Range	450mmx500mm ~ 2400mmx3000mm
Overall Dimension	5200mm x 7200mm x 1600mm
Weight	3000kg

Function :

Double layer automatic welding for high-end plastic doors and windows

Main Features :

Double layer welding can be achieved at once, with high production efficiency
 The body is horizontally arranged and adopts an enhanced rigidity design, ensuring stability and reliability
 Unique machine head ultra rigid design, truly meeting the requirements of double-layer welding
 The machine head adopts a square guide rail motion pair for all feed, ensuring stable and reliable performance
 Unique forced synchronization technology, combined with unique know how (technical know-how), improves the strength and quality of welding corners of products
 Quick and convenient replacement of welding pads, with high-quality door and window products.
 Adopting a complete set of imported brand CNC systems and high-quality electrical and pneumatic systems, with reliable performance
 Optimized program design for high production efficiency
 Dedicated discharge mechanism, achieving automatic discharge and reducing labor intensity for workers
 Can be conveniently used for wire production, forming an automatic welding and corner cleaning line
 Especially suitable for manufacturing high-end plastic doors and windows, and for door and window enterprises with a large production volume

7

SHP4W-CNC3000 CNC FOUR CORNER WELDING

Function :

The latest model is used to achieve automatic welding of high-end white and colored plastic doors and windows

Main Features :

The body is horizontally arranged and adopts an enhanced rigidity design, ensuring stability and reliability

Three axis servo control, with roller screw drive for high accuracy.

Unique machine head ultra rigid design, truly meeting the requirements of color welding

All feeds adopt square guide rail motion pairs, with stable and reliable performance

Unique know how technology improves the strength and quality of welding corners in products

Quick and convenient replacement of welding pads, with high-quality door and window products

Adopting a complete set of imported brand CNC systems and high-quality electrical and pneumatic systems, with reliable performance

Optimized program design for high production efficiency

Dedicated discharge mechanism, achieving automatic discharge and reducing labor intensity for workers

Can be conveniently used for wire production, forming an automatic welding and corner cleaning line

Customizable double layer backing plates to improve welding efficiency

Especially suitable for manufacturing high-end plastic doors and windows, and for door and window enterprises with a large production volume



TECHNICAL PARAMETER

Voltage	380V 50Hz 3 phase
Input power	9KW
Air pressure	0.5~0.8MPa
Air consumption	100L /min
Processing height	20~170mm
Processing width	120mm
Finished window size	400*450mm ~ 2400*3000mm
Overall dimension	5200mm x 5000mm x 1600mm
Weight	2000kg

8

SHZY2-120*3500 TWO HEAD WELDING MACHINE



TECHNICAL PARAMETER

Model	SHZY2-120*3500
Power	2.5 KW
Power supply	220V,50HZ
Air pressure	0.5-0.8Mpa
Air consumption	100 L/min
Welding height	20-120mm
Welding range	400-3500mm
Overall size	4400*950*1700mm

Main Features :

- (1).This machine is used for PVC door-window welding.
- (2).Imported PLC and other main electric components control the welding action program, high reliability.
- (3).Each machine head can work separately or jointly.
- (4).Solid machinery base and structure ensure long life service with high dimension accuracy.
- (5).Parameters can be set to meet various profiles' processing requirements.
- (6).Most popular machinery type with 2mm welding.
- (7).Various angles welding between 30 to 180 degree is available on last machine head.
- (8).Special profile fixture is easy to change, for high corner strength,good welding corner appearance.
- (9).Profile fixture ordered separately can meet various height profiles' processing requirement.
- (10).Widely window type application as follows.



SHZY3-120*3500 THREE HEAD WELDING MACHINE SHZY4-120*4500 FOUR HEAD WELDING MACHINE

Main Features :

- (1).Imported PLC and other main electric components control the welding action program, high reliability.
- (2).Each machine head can work separately or jointly.
- (3).Solid machinery base and structure ensure long life service with high dimension accuracy.
- (4).Parameters can be set to meet various profiles' processing requirements.
- (5).Various angles welding between 30 to 180 degree is available on last machine head.
- (6).Special profile fixture is easy to change, for high corner strength,good welding corner appearance.
- (7).Profile fixture ordered separately can meet various height profiles' processing requirement.

TECHNICAL PARAMETER

Model	SHZY3-120*3500	SHZY4-120*4500
Power	3.5 KW	4.5 KW
Power supply	220V,50HZ	220V,50HZ
Air pressure	0.5-0.8Mpa	0.5-0.8Mpa
Air consumption	150L/min	200L/min
Welding height	20-120mm	20-120mm
Welding range	400-3500mm	400-4500mm
Overall size	4400*950*1700mm	5400*1100*1700mm



DOUBLE SIDE SEAMLESS WELDING MACHINE

Main Features :

- (1).Can weld and clean the corner at one time. Specially for the colored profile.
- (2).There are fixing mechanism, pressing mechanism, heating mechanism and head box etc. on machine head.
- (3).It features advanced technology, reliable function, and easy operation.
- (4).One of the machine heads can be used for welding processing with variable angles; it is also suitable for special shaped window welding like arch window.
- (5).The 4 machine heads can be used individually, simultaneously or combinative. The four machine heads can be combined at will.



TECHNICAL PARAMETER

Model	WFH4500.4A	WFH3500.3A	WFH3500.2A
Power	4.5 KW	3.5 KW	2.5 KW
Power supply	220V,50HZ	220V,50HZ	220V,50HZ
Air pressure	0.5-0.8Mpa	0.5-0.8Mpa	0.5-0.8Mpa
Air consumption	260 L/min	200 L/min	140 L/min
Welding height	20-100mm	20-100mm	20-100mm
Welding range	400-3500mm	400-3500mm	400-4500mm
Overall size	5300*1100*1700mm	4300*1100*1700mm	4300*1100*1700mm

11

ONE HEAD SEAMLESS WELDING MACHINE



TECHNICAL PARAMETER

Model number	WFH-1A
Power supply	220V 50Hz
Air consumption	50L/min
Input power	1.5kw
Welding profile height	20~100mm
Welding profile width	≤120mm
Welding mullion width	≤110mm
Operation air pressure	0.6~0.8Mpa
Dimension(L*W*H)	700*900*1700mm

- (1) One-time clean-up the welding tumor completed upon completion.
- (2) Can control the welding gap size strictly. Mainly used for colorful PVC profiles.
- (3) The surface of the weld is very beautiful, upscale, welding strength higher than the strong point of the original profile.

VARIABLE ANGLE ONE HEAD WELDING MACHINE

TECHNICAL PARAMETER

Model number	SH-01
Power supply	220V 50Hz
Air consumption	50L/min
Input power	1.5kw
Welding profile height	20~100mm
Welding profile width	≤120mm
Welding mullion width	≤110mm
Operation air pressure	0.6~0.8Mpa
Dimension(L*W*H)	700*900*1300mm



- (1). PLC control the welding program, One-time welding clean.
- (2). 0-180 angle any position welding can be achieved, especially used for colorful PVC profiles.

12



DHJ-02 ONE HEAD WELDING MACHINE



This machine is used for PVC door and window welding processing, it features programming control, pneumatic driving, reliable function, simple operation and convenient maintenance. The machine is made up of machine head, machine frame, electric controlling tank and material support etc.

TECHNICAL PARAMETER

Power supply	220V 50Hz
Air consumption	50L/min
Motor power	1.2 kw
Welding profile height	20~120mm
Welding profile width	≤120mm
Operation air pressure	0.5~0.8Mpa
Overall size	700x850x1400mm

SYJ03-1800 GLAZING BEAD SAW

- (1). Automatic 45 degree cutting UPVC glazing bead profile.
- (2). Two glazing bead cutting in one time.
- (3). Automatic saw blade feeding by pneumatic cylinder and moving on precise rod.
- (4). 4 pieces saw blade ensure precise cutting, Double cutting one each end to mill the hook foot.
- (5). Vertical clamping device and special designed cutting jig ensure stable positioning.
- (6). Two hand safety operation, Friendly using measuring rod Precise and easy operated measuring table.

TECHNICAL PARAMETER

Air Pressure	0.5~0.8(MPa)
Air Consumption	20(L/min)
Input Power	1.1(Kw)
Cutting Height	330(mm)
Cutting Width	100(mm)
Cutting Length	320~1800(mm)
Overall Dimension	2500x1380x1300(mm)



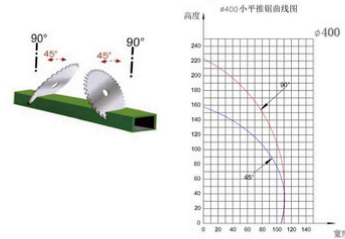
13

LJP-400-3500 PVC DOUBLE HEAD CUTTING SAW

- (1). The machine is used for processing the aluminum and PVC/UPVC/plastic/Vinyl profile at angles of -45° -90° -45° . The two heads can work individually, simultaneously and combinatively it has the features of simple operation, stability and high efficiency.
- (2). It can process the aluminum profile, but only can cut very thin aluminum profile, so here this model usually mainly to cut the PVC/UPVC/Plastic /Vinyl profile, if you want to cut both Aluminum and PVC profile.
- (3). The pneumatic driving system is used for profile clamping and cutting.

TECHNICAL PARAMETER

Working air pressure	0.4-0.6Mpa
Air consumption	200L/min
Power supply	380V 50Hz
Input power	3 kw
Double cutting length	3500mm
Cutting size	100x200mm(WxH)
Contour dimension	4000x900x1500mm

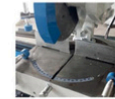
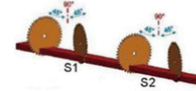


14



SJ02-3500 DOUBLE HEAD CUTTING SAW

- (1). The machine is used for processing the aluminum and PVC/UPVC/plastic/Vinyl profile at angles of -45° -90° -45° . The two head can work individually, simultaneously and combinatively it has the feature of simple operation, stability and high efficiency.
- (2). It can process the aluminum profile, but only can cut very thin aluminum profile, so here this modal usually mainly to cut the PVC/UPVC/Plastic/Vinyl profile, if you want to cut both aluminum and PVC profile, you can choose our other model.
- (3). It adopts wobble feeding and round guideway locating.



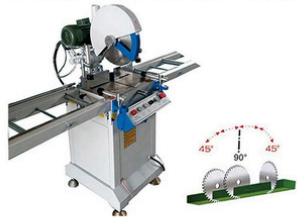
TECHNICAL PARAMETER

Model number	SJ02-3500
Working Air pressure	0.4~0.6Mpa
Air consumption	200L/min
Power supply	380V50Hz
General input power	2.2 kw
Blade rotational speed	2840 r/min
Double cutting length	3500mm
Cutting height	100mm
Cutting width	200mm
Contour dimension	4000x1120x1450mm



15

DS02-350 SINGLE HEAD CUTTING SAW



TECHNICAL PARAMETER

Model number	DSJ-350A
Saw cutting(W*H)	200mmx100mm
Main motor power	1.1KW
Main motor rotation speed	2840 r/min
Saw blade dimension	350 30
Saw blade swing angle	90°-45°

This machine is used for processing the aluminum and PVC/plastic profiles at angles of -45° -90° -45, the swaying stable feeder is adopted, and the pneumatic driving system is used in profiles clamping and cutting. It has the features of easy operation and high accuracy.

LSJ-450A SINGLE HEAD CUTTING SAW

The machine is used for 45° -90° cutting processing of aluminum profile with single head. And the speed can be adjusted. It features swinging feeding and high cutting precision. The moves agility, and can be locked in the location what do you need.

TECHNICAL PARAMETER

Power	380V 50Hz
Total power	1.5KW
Air pressure	0.5~0.8MPa
Rev of saw	2800 r/min
Saw diameter	450*3.0*30mm
Profile's end	120*200mm
Cutting width	200mm(90degree)170mm(45 degree)
Overall dimension	700*1300*1500mm



16



SJV-45 MULLION CUTTING SAW LJVW-60 V NOTCH CUTTING SAW

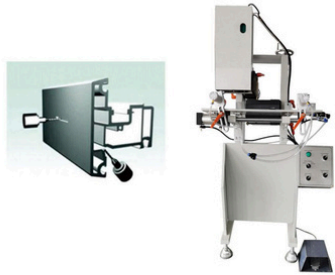
- (1). Automatic Mullion/V notch cutting saw.
- (2). Two hand safety operation.
- (3). Pneumatic clamping.
- (4). Easily adjustable depth.
- (5). Adjustable stable feeding speed.
- (6). Automatic crossing cutting two mullion end in one time. Save profile cost and improve efficiency.
- (7). Special clamping device ensure safety operation.
- (8). Friendly using stopper for easily measuring.
- (9). Support arm ensure cutting precision.



TECHNICAL PARAMETER

Model	SJV-45	LJVW-60
Power	3.0KW	1.5 KW
Power supply	380V,50HZ	380V,50HZ
Air pressure	0.5-0.8Mpa	0.5-0.8Mpa
Air consumption	15L/min	20L/min
Cutting width*height	120*110mm	120*20-60mm
Cutting length	300-2100mm	300-1600mm
Overall size	1720*1100*1400mm	1800*1380*1300mm

SCX01-2 WATER SLOT MILLING MACHINE



- (1).The machine is used for processing various water grooves and air pressure balance grooves.
- (2).The upper one can be adjusted forward, backward, upward and downward.
- (3).The upper and horizontal directions can be processed with one time clamping. It has the features of high efficiency reliability, high accuracy and easy operation.

TECHNICAL PARAMETER

Model number	SCX01-2
Working air pressure	0.4-0.6Mpa
Air consumption	30L/min
Power supply	220V 50Hz
input power	0.5kwx2
Motor rotational speed	25000 r/min
Max length of groove	30mm
Max-depth of groove	40mm
Milling cutter diameter	φ 5mm
Outside dimension	2100x860x1660mm

PORTABLE WATER SLOT MILLING MACHINE



SCX2-3-60 AUTOMATIC THREE AXIS WATER SLOT MILLING MACHINE

- (1).Milling all kinds of water slots and air pressure balance groove
- (2).Full design with high rigidity processing beautiful water slot,high appear quality.
- (3).Automatic cutter changer on the under head,one time clamp to finish water slots processing.
- (4).High efficiency suitable for mass production.
- (5).Special feeding system,need no special maintenance,high milling quality.
- (6).Easily adjustment for the cutter location to meet different kinds of profiles.
- (7).Water slot milling length adjustable within 100mm,wide adaptability.
- (8).Adopt linear bearing motion to ensure the processing precision.

TECHNICAL PARAMETER

Input power	1.4Kw
Power supply	220V150Hz
Air pressure	0.5-0.8MPa
Air consumption	30L/min
Motor rotary speed	25000r/min
Milling cutter diameter	φ4.φ8
Slot depth	30mm
Slot length	0°60mm
Overall dimension	1200*1200*1800mm



19

LXCZ2A TWO HEAD WATER SLOT MILLING MACHINE

Function :

Milling all kinds of water slots and air pressure balance slots on PVC window and door.

Main Features :

Two three- axis milling heads layout along the machine guide,designed with high rigidity and processing quality. By one time clamping, water slots on two ends of profile could be milled. High efficiency, suitable for mass production. Special feeding system, no need special maintenance, high milling quality. Convenient adjustment for the blade position to match different kinds of profiles. Water slot milling length is adjustable within 60mm, wide adaptability. Adopt linear bearing motion to ensure the processing precision in long term.



TECHNICAL PARAMETER

Air Pressure	0.5~0.8MPa
Air Consumption	40L/min
Input Voltage	220V 50HZ
Input Power	2.28KW
Main-shaft Revolution	2500r/min
Milling Blade Diameter	φ5mm or φ8mm(optional)
Max. Slot Depth	30mm
Slot Length	30~60mm
Overall Dimension	3800mm x 1200mm x 1800mm
Weight	900kg

20

PVC SCREW FASTENING MACHINE

- (1). It can finish the fixing and jointing of the profile and the steel liner, and it no need to drill the holes, and it can install 24 pieces screws at one time.
- (2). Strong torque design strong adaptability.
- (3). Automatically installing screw device, easy to operate.
- (4). The distance of the screws can be adjusted according to the needs.
- (5). High efficiency, it can save more workers, and save cost.

TECHNICAL PARAMETER

Model	SJ001	SJ002
Power supply	220V 50Hz	380V 50HZ
Power rate	0.25kw	Power rate: 0.75KW
Working pressure	0.6-0.8mpa	Air pressure: 0.6-0.8 Mpa
Air consumption	500L/min	Air consumption: 650L/min
Screw length	13-45mm	Screw length: 250-380mm
Screw diameter	35-95mm	Head end diameter
Head end diameter	6-9mm	Screw diameter: 630*110mm
Overall dimension	700x650x1700mm	Overall size : 1200*1000*1700mm
Weight	150kgs	Weight: 450 KG



SFX-01 PVC-ALUMINUM SEALING COVER MILLING MACHINE



PVC-aluminum sealing cover milling machine is used for milling process of sealing cover slot of the push-and-pull window. With a compact structure, it is small, easily operated and safe.

TECHNICAL PARAMETER

Voltage input	220V/50HZ
Power input	1.1kw
Rotating speed	2800r/min
Width	depend on sections
Overall dimension	550x550x1100(mm)

SQV-120 V CORNER CLEAN MACHINE

- (1).Special for mullion V-shaped welding and cross welding cleaning.
- (2).Special centering device for easy adjusting
- (3).Two hand safety operation

TECHNICAL PARAMETER

Air Pressure	0.5~0.8(MPa)
Air Consumption	15(L/min)
Milling Cutter Revolution	2800r/min
Profile Height	80mm
Profile Width	120mm
Overall Dimension	1200x800x1600mm

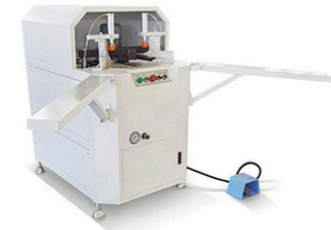


SQJ120 CORNER CLEAN MACHINE

TECHNICAL PARAMETER

Rated Power	1.1kW
Power supply	220V/50Hz
Working air pressure	0.5~0.8Mpa
Motor rotary speed	2800r/min
Air consumption	30L/min
Processing profile height	25~90mm
Processing profile width	25~120mm
Overall Dimension	1050*670*1370mm

- (1).Simultaneously clean the up & bottom surface and the external corner
- (2).Special cleaning cutter should be designed for each profile.
- (3).Cutter feeding automatically.
- (4).Within 20 seconds finish one corner complete cleaning.
- (5). Need to change cutters to clean different kinds of profiles.



SQJ06-120 PVC CORNER CLEANING MACHINE

- (1).Quick clean the top & bottom weld seam.
- (2).Suitable for low budge window investor.
- (3).High processing quality,easy operation,high efficiency.

TECHNICAL PARAMETER

Power	220V 50Hz
Total power	0.2 kW
Air pressure	0.5~0.8MPa
Air consumption	15L/min
Profile width	25~120mm
Profile height	30-120
Overall size	1050*670*1370mm



23

SQJB-CNC-120 CORNER CLEAN MACHINE SQJA-CNC 120 CORNER CLEAN MACHINE

- (1).Used for cleaning the angle seam after welding PVC window door
- (2).Adopt imported CNC system servo drive system, reliable performance and long service life.
- (3).Special software of angle cleaning, operating system supports bilingual display (English and Chinese)
- (4).It can clean upper and lower welding line, sealing strip groove of different profile.
- (5).Can realize the size error compensation ;and also has the oblique line and arc compensation function with high precision.
- (6).Set the workpiece programme according to the different profiles, has advantages of fully functional, easy operation, high speed and efficiency.

TECHNICAL PARAMETER

Input power	1.5kw
Power supply	380V50HZ
Air consumption	80L/min
Cutting width	20-100mm
Cutting height	20-150mm
Drawing groove depth	0.3mm
Air press	0.4-0.7MPa
Drawing groove width	3mm
Overall dimensions	2000x1820x1500mm



24

LZJ01 LOCK HOLE COPY MILLING MACHINE

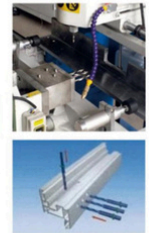
- (1).It is a special machine used for processing transmission device installing holes and grooves for PVC/UPVC and aluminum doors and windows.
- (2).With the pneumatic driving system, it can process the water slots. Both vertical and horizontal processing is available with only one clamping. One time clamping can achieve 2 working procedures which ensures the precise position between and grooves efficiently. 1 cutter is for the lock hole milling, 3 cutters are for the copy-router milling. This machine can also make water slot milling.
- (3). The lock hole milling machine has two functions: copy-routing, lock hole milling, sometimes, you don't need to buy the copy routing machine, just buy this lock hole milling machine is enough. This machine can also make aluminum window profile.

TECHNICAL PARAMETER

Working air pressure	0.4-0.6Mpa
Air consumption	30L/min
Power supply	380V 50Hz
Input power	1.85kw(0.75kw,1.1kw)
Copy-routing range	300x100mm
Outside dimension	1000x1130x1500mm

SQ120 PORTABLE CORNER CLEAN TOOL

This set portable corner cleaning tools include 3 pieces, one piece is for cleaning the upper and bottom surface, and one piece is for cleaning the internal corner, and the third piece is for cleaning the external corner. this set include these models:
Portable single surface corner cleaning tool
Internal corner cleaning tool External corner cleaning tool



25

LXF2-100*300 DOUBLE AXIS COPY MILLING MACHINE



Use for copy milling, processing various kinds of holes, grooves and water slot.
Profile modeling by profiling mould plate and auxiliary positioning for modeling.
Change different slot on the profiling board, can process different shapes of slot.
It has feature of compact structure and small volume.

TECHNICAL PARAMETER

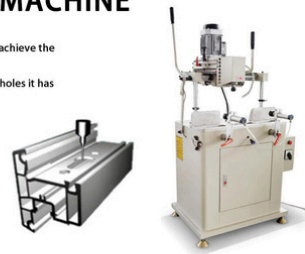
Working air pressure	0.4~0.6Mpa
Air consumption	30L/min
Power supply	380V 50Hz
Input power	0.75kwx2
Cutter rotational speed	12000 r/min
Processing range	Vertical: 290x90mm
Horizontal	300x100mm
Outside dimension	1000x1130x1500mm

LXF-300*100 ONE HEAD COPY MILLING MACHINE

- (1).The machine is used for copy-routing of different shapes of holes and grooves, the belt is accelerated to achieve the high milling speed (12000 r/min). It can process both Aluminum and PVC/UPVC/Plastic/Vinyl profile.
- (2).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.

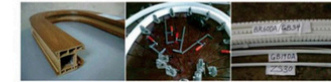
TECHNICAL PARAMETER

Working air pressure	0.4~0.6Mpa
Air consumption	30L/min
Power supply	380V 50Hz
Input power	0.75kw
Cutter rotational speed	12000r/min
Processing range	290x90mm
Overall size	870x700x1500mm



26

SY-1800 PVC WINDOWS ARC BENDING MACHINE



This machine is used for making the arc of windows. It includes the working table, the heating groove (also say heating tank and the bending moulds (also say shape-forming bands). It is heated by air (also say heated by infrared ray), and the profile heated in the heating groove. The semi-circle with the diameters from 500mm can be processed, with different bending moulds it can process various profiles, it has features of reliability, safety and high efficiency.

TECHNICAL PARAMETER

Power	380V/150HZ/8Kw
Worktable dimension	2850x1250x800mm
heating tank dimension	3800x300x650mm
heating time	10-15 mins
heating temperature	100°-120°
Working diameter	500mm-1800mm



27

ALUMINUM CNC SAWING MILLING CENTER (LASER OPTIONAL)



CNC Aluminum Profile Cutting Drilling Milling Machining Center is primarily designed for the cutting, drilling, and milling of thermal break aluminum door and window profiles, as well as certain industrial aluminum profiles. It enables hole and groove drilling and milling operations on all four sides of the profile, and supports line engraving. Additionally, the machine allows for cutting profiles at any angle between 45° and 135°.

Supports data integration with door and window design software, enabling intelligent and interconnected production.

Supports the batch processing and mixed processing of various door and window profiles, including frames, sashes, mullions, and screen frames.

Equipped with barcode printer, it enables real-time printing of automatically affixed material labels, achieving the standardization of process information identification. This facilitates material management and seamless integration with enterprise ERP management software.



智能激光锯铣中心

TECHNICAL PARAMETER

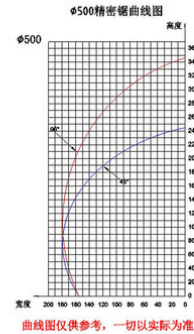
Model	WD6
Saw Blade Specification	9500mmx4.8x3.8x30x144T
Saw Speed	3000r/min
Milling Speed	0-1500mm/min
Processing Length	350-6800mm
Cutting/Milling Width	150mm
Cutting/Milling Thickness	150mm
Feeding Speed	0-100m/min
Cutting Angle	45/90/135 Degree
Overall dimensions	17000x3000x2900mm
Working Pressure	0.6-1.3MPa
Control System	CNC
Function	Cut aluminum profile
Cutting main spindle	3 KW(2860r/min)
Drilling milling spindle	3KWx4(3000r/min)
Laser speed	8000m/min
Total power	37.6KW

28



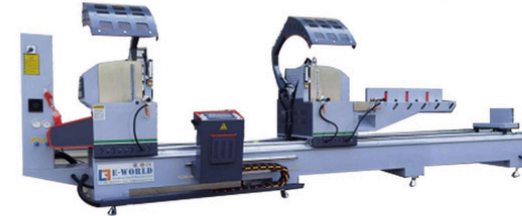
LJZ2-CNC-500/600*4200 CNC DOUBLE HEAD CUTTING SAW

Use for cutting the profile of aluminum door and windows, curtain wall and corner connector. The feeding system adopts the imported linear guide pair with high accuracy and stability. Two heads with cutting angles 90, 45, degrees are available. Automatic feed and cycle run. Digital display with high positioning accuracy. Touch screen and CNC control system, with high accuracy. Cushioned pneumatic clamping by push button, saw blade rotates smoothly due to high accurate main spindle.



TECHNICAL PARAMETER

Input voltage	3 P, 380V/50Hz
Input power	6 KW/7.1KW
Air pressure	0.5~0.8MPa(120psi)
Air consumption	200L/min
Motor rotation speed	1800r/min
Cutting length	400~4200mm
Cutting length tolerance	+0.005
Cutting angles	90, 45
Cutting width*height	160~160MM(30) 160~135MM(42)
Saw blade standard	500/600x4.8x30x2120
Overall dimensions	5700x1650x1520mm



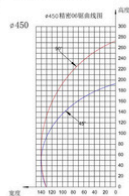
29

**LJ06-450-3700A DOUBLE HEAD CUTTING SAW
LJZ500-4200 DOUBLE HEAD CUTTING SAW**



Feature

- 1.Imported carbide saw blade gives accurate processing and high endurance.
- 2.Saw blade rotates smoothly due to high accuracy main shaft.
- 3.Auto-opening guard shield ensures safety operation.
- 4.45 angle and 90 angle is available



TECHNICAL PARAMETER

MODEL	450*3700A / 500-4200
Input power	3Kw / 4.4KW
Air pressure	0.5-0.8MPa/ 120psi
Air consumption	60L/min
Motor rotation speed	2800r/min
Cutting length	400-3700mm / 400-4200
Cutting angles	90, 45
Cutting width	10-120mm
Cutting height	10-200mm
Saw blade standard	450mm/500mmx4.4x30x2120
Overall dimensions	5300x1300x1850 / 5700*1450*1950

30

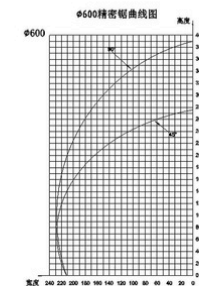
CNC500/600 DOUBLE HEAD CUTTING SAW



TECHNICAL PARAMETER

Parameter	
Air Pressure	0.5-0.8MPa
Saw blade specification	60L/min
Input Voltage	380V 50Hz or As Customer need
Input Power	6Kw
Air consumption	80L/min
Motor rotary	2800r/min
Cutting width*height	120-160, 130-200
Cutting length	680-3700mm
Saw blade specification	φ500*φ30
Cutting angle	90° 45°
Overall size	6760*1450*1990mm
Weight	1600kg

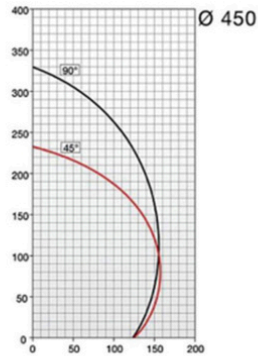
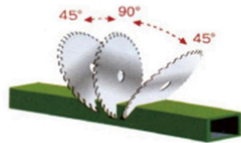
- 1.The machine is used for cutting of aluminum profile with CNC control.
2. Imported carbides blade is of accurate processing and high endurance.
3. The two heads can work alone, can also work at the same time. Right head adopts servo motor drive,automatic feeding 45 and 90 angle available.
4. Industrial computer ,CNC control,can connect USB as well as the windows software.
5. It can print the label,has automatic label printing.



曲线图仅供参考，一切以实际为准

31

LJB2-450*3700 DOUBLE HEAD CUTTING SAW



- (1). Used for aluminum profile cutting.
- (2). The linear guiding pair ensured steady processing accuracy.
- (3). Saw blade rotate smoothly due to high accuracy main spindle.
- (4). Uniform speed feeding and smooth motion due to airdraulic damping cylinder.
- (5). It has feature of easy operation, reliable performance, advanced technique and convenient maintenance etc.
- (6). Right head moving saw blade give accurate processing and high efficiency.
- (7). Imported carbide saw blade give accurate processing and high efficiency.
- (8). Two head can work together or single. If it work together ,one time can cut off the required length and angle.

TECHNICAL PARAMETER

Model	LJB2-380V/50Hz
Total power	3KW
Operation Air Pressure	0.5-0.8Mpa
Motor Rotary Speed	2800 r/min
Air Consumption	200 L/min
Blade Specification	450x4.0x3.3x3.0x120
Cutting Length	Max3700mm/Min400mm
Cutting Width	Max250mm
Cutting Height	Max200mm
Cutting Angle	-45°~90°~45°
Cutting Angle Allowance	+5°
Table Dimension	4800mmx1300mmx1550mm

32

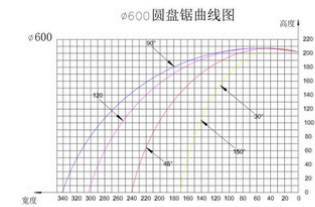
VARIABLE ANGLE SINGLE HEAD CUTTING SAW



TECHNICAL PARAMETER

Saw Blade	500mm/550mm/600mm/650mm
Power Supply	380V /50HZ
Input power	3 KW
Saw Blade	500/600/650*4.4*30*Z120
Weight	650kg
Dimension	1500*1160*1850mm

High speed precision miter Saw machine(Digital display) is used for cutting aluminum profiles
Digital display to show any angle cutting(30- 150 angle) from bottom side come out



CNC600/CNC800 ALUMINUM MILLING MACHINE



TECHNICAL PARAMETER

Model	CNC600/CNC800
Input Voltage	380V50HZ
Total Power	2.5 KW/3 KW
Milling speed	8000-18000r/min
X-Axis Travel	600mm/800mm
Y-Axis Travel	300mm
Z-Axis Travel	280mm
Overall dimension	2050*2260*1500*1950

1. Used for milling aluminum doors, Windows, curtain walls and industrial aluminum
2. CNC control processing process, One installation, complete the processing of three surface processing
3. Wide range of processing width and processing height, to meet the processing of a variety of profiles
4. Specially designed machine bed allows machining of long profiles



CNC1200/CNC1500 CNC ALUMINUM MILLING MACHINE



APPLICATION

The machine is used for drilling holes, milling grooves, processing round holes and special-shaped holes, plane engraving of aluminum alloy profiles.

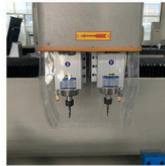


1. Adopted CNC control system with high precision and reliability
2. By using programming software to transform and process G code automatically, easy operation, high efficiency and low labor intensity
3. Working bench can turn 180°, -90°, 0°, +90°, it can realize material three sides surface processing by clamping at one time,
4. Machine can process deep and special-shaped holes through workbench turning with high efficiency and operation

TECHNICAL PARAMETER

Model	CNC 1200	CNC 1500
Air Pressure	0.5-0.6 Mpa	0.5-0.6MPa
X/Y/Z Axis Stroke	1200*300*300mm	1500mm*300mm*300mm
Input Voltage	380v 50Hz Or According To Customer Need	380V 50Hz or As Customer need
Input Power	4.5 Kw	4.5kw
Overall Size	2400*1500*1950mm	2860*1600*2100

CNC2200/CNC3200 CNC ALUMINUM MILLING MACHINE



CNC Aluminum Milling Machine is suitable for processing industrial aluminum alloy profiles, including circular holes, slot holes, lock holes, irregular holes, milling, chamfering, and other processes for door and window aluminum alloy profiles, as well as curtain wall aluminum alloy profiles.

The worktable can be flipped from -90° to +90°, allowing three-sided processing with a single clamping of the profile, enhances processing efficiency and drilling quality.

The system adopts CNC numerical control, equipped with a professional graphics library and profile library.

The worktable can be turned from -90° to +90°, allowing three-sided processing with a single clamping of the profile, enhances processing efficiency and drilling quality.

The machine employs two electric spindle, characterized by high precision, high power, excellent safety, and high reliability. * 3-axis Stepper or servo motors, truly achieving three-axis linkage, ensuring efficient and stable processing.

TECHNICAL PARAMETER

Model	CNC 2200	CNC 3200
Air Pressure	0.5-0.8 Mpa	0.5-0.8 MPa
XYZ Axis Stroke	2200*400*300mm	3200mm*400mm*300mm
Input Voltage	380V 50Hz Or According To Customer Need	380V 50Hz or As Customer need
Input Power	4.5 Kw	7.5kw
Overall Size	3500*1600*2300mm	4360*1600*2300



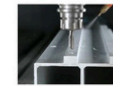
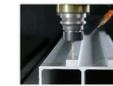
CNC3000 ATC ALUMINUM PROFILE MACHINING CENTER

- 1.Suitable for processing different aluminum profiles,UPVC profile as well as copper and so on
2. In one clamping profiles complete cutting,milling, drilling, chamfering, grooving and other multi-functional precision machining ,such as the machine can tap or make the threads for the bolts in the hole.
3. Using advanced industrial CNC systems, friendly human-machine interface, device operation is simple
4. Made of high strength welding structure, after heat aging after annealing processing guarantee high rigidity and high stability
- 5.Adopts imported high precision linear guide rail, ball screws, gear racks and servo motor, ensuring smooth motion, positioning and processing with high precision
- 6.High-quality imported automatic tool change for high speed motorized spindle ensure stability, stability of rotation noise, cutting ability
- 7.Equipped with 6-station milling cutter with automatic tool changer capacity
- 8.T shape working table for the different hundreds of profile
- 9.High speed ,high standard servo motor,big strong main spindle



TECHNICAL PARAMETER

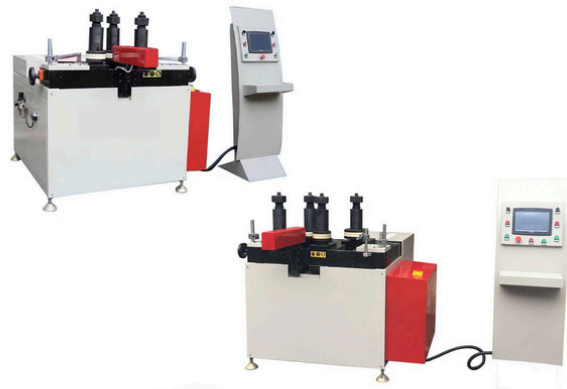
X-axis stroke	3000mm	Y-axis stroke	350mm
X-axis feed rate	0~50m/min	Y-axis feed rate	0~40m/min
X-axis positioning accuracy	±0.05mm	Y-axis positioning accuracy	±0.05mm
Z-axis stroke	300mm	Repeat location accuracy	±0.02mm
Z-axis feed rate	0~30m/min	Roughness	Ra 6.3 um
Z-axis positioning accuracy	±0.02mm	Spindle Power	15KW
Power Specification	380V/50Hz	Spindle Speed	0~18000rpm
Total Power of Machine	13.5KW	Working Pressure	0.6~0.8MPa
Machine Size	5000*1700*2550mm	Weight	2500kg



37

CNC BENDING MACHINE(3 AXIS/4 AXIS)

The device is suitable for various metal profile or profile (aluminum alloy doors and windows type material, insulation Duanqiao profiles).
 This machine adopts imported CNC automatic computer control, make the operation more simple and convenient.
 A special bend arc software.
 The ability to detect material of rebound data, eliminate rebound.
 Able to bend C shape, U shape, ellipse, circle, such as spring shape.
 Because of the use of numerical control hydraulic system, positioning accuracy $\leq 0.01\text{mm}$
 The performance of their products reach Europe advanced CNC bending arc machine standard.
 Famous Servo motor



TECHNICAL PARAMETER

Model number	WD4-360
Power supply	380V 50Hz (3-phase, 4 wires)
Motor power	6.8 kw
Axis distance	340-410mm
Axis diameter	65mm
X Axis max torsion	2600N
Y Axis push strength	20 TON(MAX 23 TON)
Y axis repeating accuracy	$\leq 0.02\text{mm}$
X axis positioning accuracy	$\leq 0.04\text{mm}$
Y axis feeding size	0-220mm
Min working range	70mm one time finish
Clamp profile range	Height: 260° width: 100mm
Min bending arc diameter	260
Roller rotating speed	1-15/ min
Roller mould max diameter	200mm
Working pressure	0.2-0.3Mpa
Hydraulic push pressure	20 Tl 200Mpa)
Overall size	1300*1300*1450mm
Weight	1000 KGS

38



MCD1527/MCD1536 AUTOMATIC WINDOWS SEALING MACHINE



TECHNICAL PARAMETER

Input power	220V 50HZ
Power	220V 50HZ
Air pressure	0.4-0.8MPa
Max working size	1500 × 2700mm / 1500*3600mm
Min working size	300 × 300mm
Automatic processing thickness	$\leq 100\text{mm}$
Barrel size	20L barrel
Working speed	90mm/s
Overall size	3600*2080*1680/4500*2080*1680

This equipment is for sealing the gap between the windows-door and glass

This equipment adopts well-known CNC system and servo motor, workflow automation control, glue coating process is completed automatically, simple operation, easy to set up, save time and save workers, coating surface uniform and beautiful.

The cost of materials greatly reduced, which use 20L barrel sealant. It is the essential equipment for the door and window automation manufacturing system. PLC control system, touch screen man-machine interface, equipment operation is simple and convenient.

The automatic corner system is used to automatically detect the size system. Each corner of the glue can be adjusted separately, around the corner of the glue width, the corner after the glue will not overflow.

Adhesive compactness is higher than industry products. The glue time before and after the corner, the switching glue time can be adjusted.

Special rubber supply and pressure adhesive device, to avoid the traditional supply of glue instability, piezoelectric plate seepage phenomenon.

The size automatic compensation system is used to make up for the effect of glue on the diagonal difference of doors and windows.

LY6-50 ALUMINUM PUNCHING MACHINE



This machine is used for aluminum profile punching.
Punching different kinds of profiles by changing the punching position.
Choose die by turning the working table fitted with six different dies.

TECHNICAL PARAMETER

Motor power	2.2kw
Rated oil pump pressure	16MPa
Capability of oil box	20L
Press nominal pressure	50KN
Travel times	30/min
Closing height	185mm
Punching travel	30mm
Die size	250x200x215(mm)
Contour dimension	1050*1050*1650*

LY-16 ALUMINUM PUNCHING MACHINE

- (1). Used for punching process in the manufacture of Aluminum and PVC window and door.
- (2). Every combination punching die equipped with the machine can achieve various punching process,by-changing processing position,various types profiles can be processed.
- (3). Pneumatic foot valve control, Convenient loading and unloading die.

TECHNICAL PARAMETER

Capability of oil box	20L
Max. blanking pressures	16KN
Punching travel	30 mm
Die size	340*240*500mm
Machine contour dimension	600x480x1320mm



LJJZ-CNC-500 CORNER CONNECTOR CUTTING SAW



TECHNICAL PARAMETER

Power Supply	380V 50Hz
Cutting motor power	3KW
Motor rotary speed	2800 r/min
Operation air pressure	0.5-0.8MPa
Auto-feeding length	5-120mm
Cutting speed	0-3m/min
Blade specification	φ500x30x4xZ100
Cutting angle	90 degree
Cutting range	135*300mm
Contour dimension	1500x1400x1300mm

Used for corner connector, frame of aluminum profile and plastic profile cutting.

- (1).Using servo control system and connect with bass screw, come to more accuracy positioning ,and have more automation.
- (2).Feeding movement parts is linear motion bearing,small resistance movement and high accuracy ,automatic feeding material system.
- (3).Imported carbide saw blade if accurate processing and high efficiency.
- (4).The PLC control and auto-feeding system with high efficiency is suitable for large volume cutting.
- (5).Clamp and feeding process adopts pneumatic control.It is high automatic production,reliability.Just one time clamping which can achieve 6 meter profile cutting.
- (6).There is automatic counting function which can get the cutting quantity you already done.
- (7). Automatic cut off power protection system which can save the cutting size or quantity.

LJJZ-450/500 AUTOMATIC CORNER CONNECTOR CUTTING SAW



- (1). It is a full automatic machine specially used to cut the profiles of aluminum doors and windows.
- (2). After you manually install the profiles, all the other operations are automatic.
- (3). Imported carbide saw blade if accurate processing and high efficiency.
- (4). Clamp and feeding process adopts pneumatic control, it is high automatic production, reliability. Just one time clamping which can achieve 6 meter profile cutting.
- (5). There is count function which can get the cutting quantity you already done.
- (6). Automatic cut off power protection system which can save the cutting size or quantity.

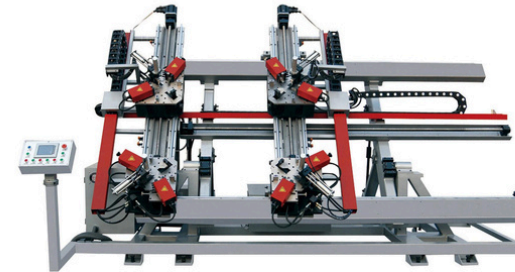
TECHNICAL PARAMETER

Cutting motor power	2.2 KW/3KW
Operation air pressure	0.6~0.8MPa
Auto-feeding length	5~120mm
Cutting speed	0~3m/min
Blade specification	φ450*φ30*4.4mm
Cutting width*height	Z100/φ500φ30x4.4xZ100 120*280mm/135x300mm
Contour dimension	1500x1400x1300/2000*1400*1600



ALUMINUM WINDOW-DOOR FOUR CORNER CRIPMING MACHINE CLM4S-100*2200*3000

1. This machine is used for efficient assembly of aluminum doors and windows, and can complete the corner code punching connection of four corners at one time;
2. Position plus torque control, faster response speed, automatic correction of size error;
3. The pressing device moves back and forth automatically, easy to operate, and the size of the window is automatically adjusted;
4. The frame is professionally welded with Ansteel materials and treated with aging;
5. Through the torque monitoring function of the servo system, the automatic preloading of the four corners is realized to ensure the accuracy of the group corners;
6. The set of corner knives is easy to adjust from front to back, left and right, to meet the needs of different profiles;
7. The one-time group frame can control the joints and flatness between the profiles, so that the quality of the group frame is predictable;
8. The control system and the servo system are seamlessly connected, which greatly improves the control precision.

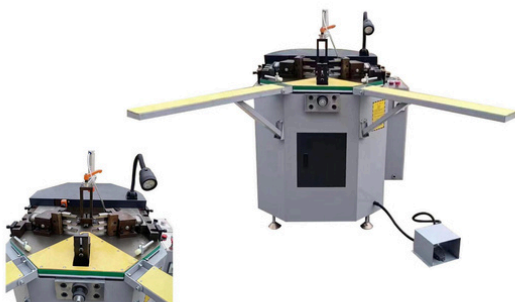


TECHNICAL PARAMETER

Power supply	380V/220V
Power	7.5 Kw
Hydraulic pressure	15 Mpa
Pneumatic pressure	0.5-0.8 Mpa
Volume of oil tank	60L
Cylinder stroke	0-50mm
Frame max size	2200 mm×3000 mm
Frame minimum size	480 mm×480 mm
Profile width	93mm
Tolerance error of diagonal	±1mm
Butt gap error	±0.15mm
Dimension	4700×2200×2500mm
Weight	2500Kg

43

LZJ120 CORNER CRIMPING MACHINE(LIFTING TYPE OPTIONAL)



TECHNICAL PARAMETER

Voltage	380V 50Hz
Rating power	1.5KW
Rating oil pressure	16Mpa
Air consumption pressure	0.5-0.8Mpa
Motor rotational speed	1400r/min
Profile processing height	Max120mm
General pressure of corner combining	48KN
The adjustable range of the main location block	70mm
Air consumption	20L/min
Corner crimping casing movement journey	85mm
Profile width	90mm
Contour dimension LxWxH	1850x1680x1210mm

- (1).This machine is used for connecting the corner connectors of insulation thermal materials, door-window and curtain wall material.
- (2).The synchronous rigid feeding of left and right punching can avoid the useless deformation in the course of crimping and make the corner connection firmer.
- (3). Synchronous feed mechanism makes the machine adjustment easier.
- (4).Configurable single pole multicast group angle cutter,make the heat insulation broken bridge aluminum doors and windows set angles is more reliable.
- (5).Pneumatic pressure,hydraulic pressure angle,foot control, make the operation more simple and flexible.

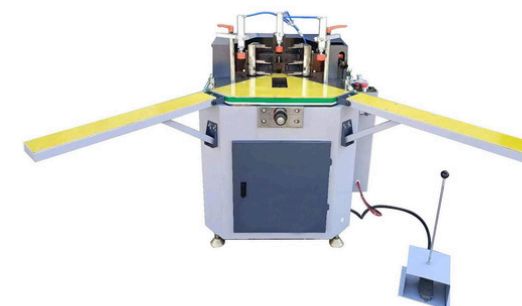
44

LJZJS-140 CORNER CRIMPING MACHINE



TECHNICAL PARAMETER

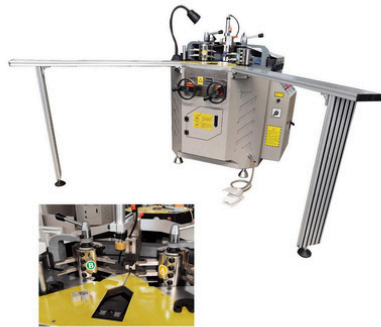
Voltage	380V 50Hz
Rating power	2.2KW
Rating oil pressure	16Mpa
Air consumption pressure	0.5-0.8Mpa
Motor rotational speed	1400r/min
Profile processing height	Max140mm
General pressure of corner combining	48KN
The adjustable range of the main location block	70mm
Air consumption	20L/min
Corner crimping casing movement journey	85mm
Profile width	90mm
Contour dimension LxWxH	1850x1680x1210mm



- This machine is used for connecting the corner connectors of insulation thermal materials, door-window and curtain wall material .
- Strengthened machine structure and rack to make it work more stable and low malfunction.
 - Auto up-down inner localization to make the work piece clamping convenient.
 - Special hydraulic station with big power and big crimping power,that can process profile with big cross-section and big thickness.
 - Special high speed hydraulic system to supply fast crimping and high efficiency.
 - Inner corner location device adopt adjustable positioning device ,it is suitable for various sections and size.

45

LMD140 ROTATING POSITION CORNER CRIMPING MACHINE



TECHNICAL PARAMETER

Model number	LMD-140
Voltage	380V 50Hz
Motor power	2.2 Kw
Air consumption	2L/min
Most pressure	16 Mpa
Air consumption pressure	0.5-0.8 Mpa
Contour dimension(LxWxH)	830x1000x1200mm
Contour dimension(LxWxH)	1200*1100*1300

It is a high-end specialized equipment for the production of doors and windows.
 The frame is special jointed by steel with high quality
 Synchronous feeding of the level(left and right side) pushing knives by link with one hydraulic cylinder driving, which avoid the corner deform and enhance the corner connection efficiently.
 Synchro feeding structure make the adjustment very easy.
 Different corner knife easily to be choosed by rotating working position to save time for high production

46



CNC AUTOMATIC END MILLING MACHINE



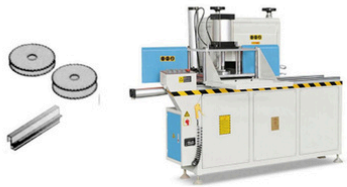
TECHNICAL PARAMETER

MODEL	LXD-3+1/LXD5+1
Voltage	380V/50HZ
Power	4.4KW/ 6KW
Working Pressure	0.5-0.8Mpa
Rotary Speed	2800r/min
Spindle Diameter	φ32mm
Blade Diameter	φ350mm
Working Table Range	530 (width) x260mm(height)
Dimension	2600x1300x1740mm

- 1.Wide applicability: Suitable for milling the end face of aluminum profiles. To meet the coordination between the middle and frame materials. The motor can automatically flip for horizontal or vertical cutting, and is also suitable for oversized profiles.
- 2.One time can milling multi-profiles, working efficiency is high.Large worktable and large tool travel stroke can process 6 to 10 profiles at a time, with high production efficiency.
- 3.PLC control is stable and efficient,it can put the different size for different profile with PLC controller system.Using CNC technology: Three axis CNC, controlling milling depth and height without the need for customized tools, programming is simple and easy to learn
- 4.The cutter can be adjusted ,no need to be customized, easy to meet different profiles milling processing.Good processing effect: The saw blade adopts high-quality diamond saw blade, which has high hardness and good durability, making milling processing better and the tool more durable
- 5.It used hard alu-alloy saw blade, to guarantee milling precision.High machining accuracy: The X/Y/Z axis adopts a linear square rail motion pair, which runs smoothly with high accuracy. The milling motor adopts a high-precision spindle motor, which has low noise and vibration, and high milling accuracy

47

LXDB-250/250A AUTOMATIC END MILLING MACHINE



Used for milling the mullion profile to connect the mullion profile and frame profile.
Can mill many profile in one time with high productivity.
Milling Knives can be adjusted up/down and left/right to meet different type of profile
Milling knives are adjustable for milling different profile, without special made knives to save the production time, reduce the production cost.
Large diameter of milling knives, high speed milling, good quality milling profile surface.
Adopted the electrical motor protect device to improve the safety.
Hydraulic pneumatic forwarding device is to assure the stability.



TECHNICAL PARAMETER

Power supply		380V 50Hz
Total power	3*2.2 kw=6.6KW	
Motor rev	2800r/min	
Air pressure	0.5~0.8MPa	
Diameter of main shaft	φ32mm	
Diameter of milling cutter	φ250mm	
Workable journey	0~1560mm	
Worktable dimension	550x320mm	
Motor adjustable journey	0~85mm	
Max processing tenoning size	40 mm	
Contour dimension	2200x1200x1670mm	
Cutting surface roughness	12.5 μm	

TECHNICAL PARAMETER

Power supply		380V 50Hz
Total power	3*2.2 kw=6.6KW/8.8KW	
Motor rev	2800r/min	
Air pressure	0.5~0.8MPa	
Diameter of main shaft	φ32mm	
Diameter of milling cutter	φ250mm	
Workable journey	0~1560mm	
Worktable dimension	550x320mm	
Motor adjustable journey	0~85mm	
Max processing tenoning size	40 mm	
Contour dimension	2200x1200x1670mm/3240*1210*1670mm	

48

LXDB-200 ALUMINUM END MILLING MACHINE LXDB-200A ALUMINUM END MILLING MACHINE



Used for processing aluminum profile end, step face and silot.
etc super precision main shaft accurate and steady processing Automatic feed, small labour intensity Convenient tool setting is due to adjustable worktable It can mill multi-piece profile at one time

TECHNICAL PARAMETER

Power supply		380V 50Hz
Total power	2.2 KW	
Motor rev	2800r/min	
Air pressure	0.5~0.8MPa	
Diameter of main shaft	φ32mm	
Diameter of milling cutter	φ 110~200mm	
Workable journey	0~320mm	
Worktable dimension	500x350mm	
Milling cutter height	70mm	
Motor adjustable journey	0~80mm	
Max processing tenoning size	70x45x200mm	
Overall size	780x880x1350mm	



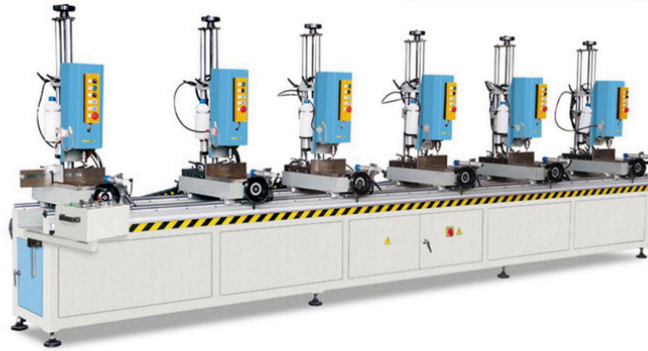
49

LDZZ6-16 MULTI-HEAD COMBINATION DRILLING MACHINE

Use for drilling holes on aluminum profile and curtain wall profile. Apply to volume produce
 This machine bed can pack to the head of clip-drill and the drills with many bore,making drill a hole more convenient Can use the motor cylinder straight association-like output power head,drilling smoothly with high precision Feeding system adopts hydraulic clamping cylinder,which ensure smooth feedingImported PLC control system to achieve machine head's linkage Motor frequency conversion speed

TECHNICAL PARAMETER

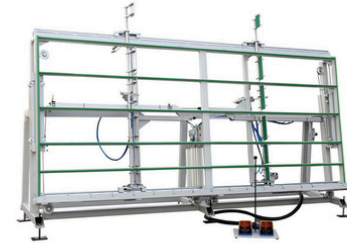
Main motor power	6X0.75KW
Working voltage	380V 50HZ
Overall dimension(L*W*H)	5500*1100*1800mm
Operation air pressure	0.5-0.8MPa
Max/Min distance between each group holes	5000-300mm
Max processing profile section size	250*250mm
Max drilling hole diameter	13
Drilling head feeding travel	125mm
Worktable size(L*W)	300*220mm
Tolerance of drilling position	≤0.3mm



50



WORKTABLE FOR GLASS ASSEMBLY-STB- 3800



Function :

Used for the installation of plastic door and window glass, as well as the adjustment of the relative position of horizontal window frame and hardware components

Main Features :

Mainly used for vertical layout of workbenches, as well as left and right clamping arms and adjustment mechanisms

This installation platform simulates the actual force on the vertical working state of plastic windows, and adjusts the glass installation and frame position to achieve ideal opening and closing performance Can work alone or for wiring purposes

TECHNICAL PARAMETER

Air Pressure	0.5-0.8MPa
Air Consumption	50L/min
Min. Processing width	900mm
Max. Processing width	3200mm
Overall Dimension	3900mmx 1150mm x 2400mm
Weight	750kg

WINDOWS ASSEMBLE TABLE



TECHNICAL PARAMETER

Brand name	Eworld
Product number	SJ-1250
Original size	1200x500x850mm
Expand Size	2400x600x850mm

Used for doors windows assembly,combination and convenient support