

01. Double-head Cutting Saw for Aluminum Profile LJZ2C-500×4200



◆ Technical parameters

Power supply: 380V/50HZ

Total power: 4.40KW/Spindle power: 2.2KW×2

Working pressure: 0.6~0.8Mpa/Air consumption: 60L/min

Spindle speed: 3300r/min

Saw blade specifications: $\phi 500 \times \phi 30 \times 120T$

Sawing angle: -45° 、 90°

Sawing height: $90^\circ 230mm$ 、 $45^\circ 160mm$

Sawing width: 135mm

Sawing length: $90^\circ 450 \sim 4200mm$ 、 $45^\circ 550 \sim 4200mm$

◆ Performance characteristics

- ✧ Used for cutting aluminum profile
- ✧ Determining Length uses magnetic scales and digital meter, cutting length is displayed by digital signal.
- ✧ Swing angle is driven by pneumatic.
- ✧ High-precision electric spindle direct drives the saw blade to cut, stable and reliable, high cutting accuracy.
- ✧ The feeding of the blade is driven by gas-liquid damping cylinder to ensure the stable operation.
- ✧ Phase sequence protection device: It can effectively protect the equipment when loss of phase or misconnection

Brand of spare parts:

Item	Name	Specification	Brand
1	Industrial computer, AC servo motor, Driver	Schneider	France
2	Saw blade	TENRYU	Japan
	Magnetic scale	ELGO	Germany
3	High-speed linear guide rail motion pair	LINEAR	Germany
	T-shape linear guide rail motion pair	ABBA	Taiwan
5	low voltage circuit breaker, AC contactor	SIEMENS	France
6	proximity switch	AUTONICS	Korea
7	Button and knob	Schneider	Italy
10	Standard cylinder and connector	EASUN	China
11	PU pipe	SAMTAM	Japan
12	Magnetic valve	SMC	Japan
	Oil-water separator	SMC	Japan

02. Single head corner combining machine for Aluminum win-door LZJZ1-130B



◆ Technical parameters

Power supply: 380V/50HZ

Total power: 1.5KW

Working pressure: 0.6~0.8Mpa/Air consumption: 30L/min

Address: Room 803, Office Building 6-50, No. 15, Lanxiang Road, Jinan, China.

Tel/Fax.: 0086-531-85768362

Email: jfmachine@126.com

Capacity of tank: 20L

Rated oil pressure: 20MPa

Maximum hydraulic pressure: 48KN

Maximum width of profile: 90mm

◆ **Performance characteristics:**

- ✧ Used for punching and riveting corner in 45° of aluminum window & door.
- ✧ Adopt the hydraulic system, it has the advantages of the big power, wide range of profiles and stable working.
- ✧ Use decline-type multiple combination positioning system to ensure accuracy of positioning and easy to put and take away the profiles;
- ✧ Use the mechanical link structure to ensure complete synchronization of the combining cutters in two sides.

✧ **of spare parts:**

No.	Name of spare parts	Brand	Origin
	Ac contactor, low-voltage circuit breaker	SIEMENS	Germany
7	Hydraulic system	Litian	Taiwan
8	Button and Knob	SCHNEIDER	France
9	Pipe(PU pipe)	SAMTAM	Japan
10	Standard cylinder and connector	EASUN	China
11	Solenoid valve	SMC	Japan
12	Couplet of oil-water separator	SMC	Japan

✧

03.Ending Milling Machine for Aluminum Profile LSDX04B-200



◆ Technical parameters

Power supply: 380V/50HZ

Total power: 1.5KW/Spindle power: 1.5KW

Working pressure: 0.6~0.8Mpa/Air consumption: 60L/min

Spindle speed: 2800r/min

Angle of milling: any angle of 35°-90°

Diameter of milling cutter: $\phi 30 \times 115 \sim 160\text{mm}$

◆ Performance characteristics

- ✧ Used for mullion of UPVC and aluminum profile.
- ✧ Mill the ending of profile and process the stepped joint.
- ✧ Process different structure of stair surface, rectangular slot and tenon slot by different cutter.
- ✧ Mill any angle of 35°-90° by adjusting corner of work table's positioning plate.

Main spare parts:

Item	Spare parts name	Brand	Original
	Ac contactor, low-voltage circuit breaker	SIEMENS	Germany
2	Standard cylinder and connector	EASUN	China
3	Pipe (PU pipe)	SAMTAM	Japan
	Electromagnetic valve	SMC	Japan
4	Couplet of oil-water separator	SMC	Japan

04、Aluminum profile press LY6-50



◆ Technical parameters

Power supply: 380V/50HZ

Total power: 1.5KW

Capacity of tank: 20L

Rated oil pressure: 20MPa

Maximum hydraulic pressure: 48KN

Count of strokes: 30times/min.

Height of closing: 185mm

Punching stroke: 30mm

◆ Performance characteristics:

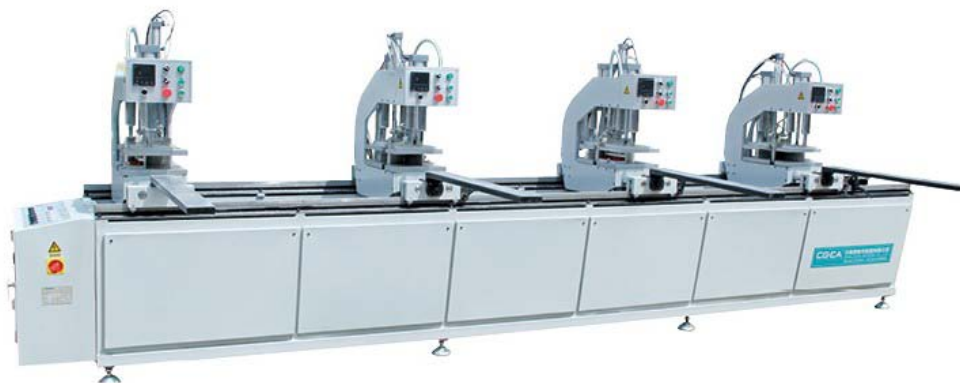
- ✧ Used for punching the aluminum profile.
- ✧ Adopt the hydraulic power model, the pressure range is big and pressure is stable.
- ✧ Punching the different aluminum profiles is made by changing different punch die.
- ✧ Disc worktable with 6 sets of punch positions can use different moulds at any time by rotating the worktable, improves efficiency of work.
- ✧ Working efficiency is more than 20 times than normal milling machine, the percent of quality products go to 99%.

Main spare parts:

Item	Spare parts name	Brand	Original
	Ac contactor, low-voltage circuit breaker	SIEMENS	Germany
2	Button and knob	SCHNEIDER	France
3	Hydraulic	Litian	Taiwan

UPVC machines

5、Two-head welding machine for PVC profile SHZ2-120*3500



◆ Main components

No.	Part name	Brand
1	buttons、knob	France • Schneider
2	PLC	Japan • mitsubishi
3	trachea (Pu tube)	Japan • morita
4	standard cylinder	Sino-Italian joint venture • EASUN
5	electromagnetic valve	Taiwan • AirTAC
6	oily Water Separator (filter)	Taiwan • AirTAC
7	Temperature table	Hong Kong ·shenyu

◆ Technical parameters

Power supply: 380V/50HZ Total power: 4.5KW

Working pressure: 0.6~0.8Mpa/Air consumption: 150L/min

Height of welding profile: 20~120mm

Range of welding: 450~4500mm

◆ Performance characteristics

- ✧ Adopt programmable controller (PLC) ensures the machine running more stable and reliable.
- ✧ The heads can be used individually as well as be combined at will.
- ✧ 2 # ,3 # and 4 # Welding head can move forward and back, so that realized all kinds of welding.

6、Glazing bead saw for PVC profile SYJ03-1800



◆ Main components

No.	Part name	Brand
1	low-voltage apparatus	Germany·Siemens
2	buttons、 knob	France·Schneider
3	carbide saw blade	Japan·DENON
4	trachea (Pu tube)	Japan·morita
5	standard cylinder	Sino-Italian joint venture·EASUN
6	phase sequence protector	Taiwan·anly
7	electromagnetic valve	Taiwan·AirTAC
8	oily Water Separator (filter)	Taiwan·AirTAC

◆ Technical parameters

Power supply: 380V/50HZ

Total power: 1.5KW/Spindle power: 0.75KW×2

Working pressure: 0.6~0.8Mpa/Air consumption: 50L/min

Spindle speed: 2800r/min

Saw blade specifications: $\phi 230 \times \phi 30 \times 80T$

Max. cutting width: 50mm

Cutting depth: 40mm

◆ Performance characteristics

- ✧ Use for cutting glazing bead profile in 45° and chamfer, so as to ensure the combination seam of the corner looks nice.
- ✧ Equipped with general profile mold, can cut two profiles at the same time, the cutting efficiency is high.

- ✧ Special measurement device ensures the size precision when cutting and eliminate the errors between processed sash and glazing bead during they are assembling.
- ✧ The compaction system can be adjusted in vertical direction for different profiles and make the press more reliably.

7、Lock-hole milling machine for aluminum and PVC profile LSKC03-120



◆ Main components

No.	Part name	Brand
1	low-voltage apparatus	Germany·Siemens
2	trachea (Pu tube)	Japan·morita
3	standard cylinder	Taiwan·AirTAC
4	Inverter	Taiwan·telta
5	electromagnetic valve	Taiwan·AirTAC
6	oily Water Separator (filter)	Taiwan·AirTAC
	Tow-hole drilling box	Taiwan·Long Ger

◆ Technical parameters

Power supply: 380V/50HZ

Total power: 1.65KW

Working pressure: 0.6~0.8Mpa/Air consumption: 50L/min

Spindle speed: 12000r/min

Three-hole drilling speed: 900r/min

Three-hole drilling diameter: $\phi 10$ 、 $\phi 12$ 、 $\phi 10$

◆ Performance characteristics

- ✧ It is suitable for processing various kinds of installation hand holes and grooves for hardware.
- ✧ Three twist drillers can drill PVC profile with steel inlaid.
- ✧ The three-hole driller move from back to front, easy to operate.

- ✧ Adopt standard copy template to control copy size, copy ratio 1:1, it is easily and fast for choice.
- ✧ Adopt high speed copy milling head, three steps copy bit can adopt all kinds of copying size.
- ✧ By controlling the scaleplate to change the processing position of hole

7、CNC corner cleaning machine for PVC window and door SQJ04-CNC-120



◆ Main components

No.	Part name	Brand
1	low-voltage apparatus	Germany • Siemens
2	Industrial control computer	America • start
3	servo motor、drive	France • Schneider
4	buttons、knob	France • Schneider
5	proximity switch	France • Schneider
6	trachea (Pu tube)	Japan • morita
7	Inverter	Taiwan • telta
8	standard cylinder	Sino-Italian joint venture • EASUN
9	electromagnetic valve	Taiwan • AirTAC
10	oily Water Separator (filter)	Taiwan • AirTAC
11	Timing belt	Italy • Megadyne
12	T type linear guide	Taiwan • HIWIN

◆ Technical parameters

Power supply: 380V/50HZ

Total power: 4.65KW

Working pressure: 0.6~0.8Mpa/Air consumption: 100L/min

Height of welding profile: 30~120mm

Width of welding profile: 30~120mm

◆ **Performance characteristics**

- ✧ The structure of this machine is three-axis with six cutters, it is professional for cleaning overlap of lie in the outer corners in angle 90° , welding tumor in upper and bottom side, strip holder and in slide rails.
- ✧ It has the function of saw drilling, drag- cutting and drill- milling, saw drilling and vertical drilling is driven by a highly speed inverter motor, drilling speed is fast with good surface finish.
- ✧ It adopts three-axis high efficiency servo CNC control system, accuracy of repeat positioning is high.
- ✧ Interface in figures and diagrams which can display directly the moving trace of the cutter.
- ✧ Equipped with USB port which may connect with external store that lay in multi-standard profile processing programs.
- ✧ It is simple, direct-viewing with the demonstrating program function, can set two-dimension processing programming by CNC controller.
- ✧ It can realize the interpolation of circular arc and oblique line, so as to meet the needs of high quality doors and Windows with various sections.

UPVC WINDOW PRODUCTION FLOW

