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LUMEI PROFILE

PRODUCTS



鲁美型材
LUMEI PROFILE

创新产品手册
Innovations



塑料门窗异型材系统一站式解决方案提供商
An One-stop Solution Provider for UPVC Profile

Jinan·China

LSZW4

Upvc window and door four head single side seamless welding machine



- ⊙ Single side rail Seamless weldingspot welding machine
- ⊙ Used for colorful profile welding
- ⊙ oem
- ⊙ CE/BV

Features:

- ◆ Suitable for welding colored/special PVC profile.
- ◆ All the clamber jaw with blades can realize the seamless welding function.
- ◆ Adopt programmable controller ensure the machine running more steady and reliable.
- ◆ Double pressing function ensures higher welding strength.
- ◆ Professional mold configuration can be designed according to the different profiles so that ensure the corners welding and cleaning in good conditions.
- ◆ Front and back clamp pressure regulating device, realize the clamp pressure independent adjustment which can improve the smoothness of the welding angle.
- ◆ The heads can be used individually, communicatively or jointly as well as be combined at will.

Main Technique Parameter:

Input power	220v/50HZ
Total power	4.5kw
Working air pressure	0.5-0.8mpa
Air consumption	200l/min
Height of welded profile	20-120mm
Width of welded profile	0-120mm
Welding range	380-4500mm
Dimension	5300*930*1700mm
Weight	1450kg

LSZW3 Upvc window and door three head single side seamless welding machine

Main Features:

- ⊙ Most popular machinery type with 2mm welding.
- ⊙ Various angles welding between 30 to 180 degree is available on last machine head.
- ⊙ Solid machinery base and structure ensure long life service with high dimension accuracy.
- ⊙ profile fixture ordered separately can meet various height profiles' processing requirement
- ⊙ Special profile fixture is easy to change, for high corner strength and later good cleaning
- ⊙ Each machine head can be working separately or combination.
- ⊙ Widely window type application as follows:
- ⊙ Optional model: HTW2-120, HTW4-120) for different machinery head. Owning different machinery welding capacity.



Main Technique Parameter:

Input Voltage	1N-50Hz 220V or Customer specification	PLC	Omron
Input Power	3.5(kw)	Solenoid valve	Germany FESTO
Operation Air Pressure	0.5-0.8(MPa)	Cylinder	JPC(FESTO Joint Venture Brand)
Air Consumption	150(L/min)	Air Filter Device	STNC
Welding Height	20-120 (mm)	Electrical Button and Switcher	Schneider
Max Welding Width	120 (mm)	AC Contactor and Circuit Breaker	Schneider
Welding range	400-3500mm	Temperature Controller	Japan Omron
Overall Dimension	4600*1100*1200(mm)		
Machine Weight	1200(kg)		

LSZW2 Upvc window and door two head single side seamless welding machine



Main Features:

- ⊙ Special designed technique and structure ensure 0.2mm and 2mm welding auto change.
- ⊙ Variable angle welding between 30 to 180 degree on last head.
- ⊙ Square bearing system guarantee clamping, heating plate, locating plate moving precision. & reliable performance.
- ⊙ Profile fixture ordered separately can meet various profiles' processing requirement
- ⊙ Each machine head can work individually or together.
- ⊙ Widely window type application as follows:

Main Technique Parameter:

Input Voltage:	1N-50Hz 220V or Customer specification	PLC	Omron
Input Power	2.5(kw)	Solenoid valve	Germany FESTO
Operation Air Pressure	0.5-0.8(MPa)	Cylinder	JPC(FESTO Joint Venture Brand)
Air Consumption	270(L/min)	Air Filter Device	STNC
Welding Height	Max180 (mm)	Electrical Button and Switcher	Schneider
Welding Width	370-4500 (mm)	AC Contactor and Circuit Breaker	Schneider
Overall Dimension	4300*1100*1700 mm	Approach Switcher	Swiss CONTRINEX or Japan Omron
Machine Weight	8500(kg)	Linear bearing system	Linear (South Korean brand)
		Square bearing system	Linear (South Korean brand)
		Temperature Controller	Japan Omron

LJB2-450X3700

aluminum window and door double head cutting machine



Main Features:

- ⊙ Used for aluminum window door profile cutting .
- ⊙ carbide saw blade give accurate processing and high endurance.
- ⊙ Two head can work Simultaneously or Separate .
- ⊙ Used for cutting aluminium 90°and 45° (internal)
- ⊙ One time processing can cut off the required length and angle.
- ⊙ Right head move by motor ,have minute adjustment function . Easy operate and high accurate .
- ⊙ Spraying cooling system, make sure carbide saw blade long service life

Main Technique Parameter:

Voltage	380V 50HZ	Cutting height	200mm
Power	3.55KW	Cutting angle	-45° 45° 90°
Air pressure	0.5-0.8MPa	Angle error	±4'
Air consumption	200L/min	Repeat locating length error	±0.2mm
Blade specification	Φ450XΦ30X4 Z=120	Surface plainness	±0.1mm
Cutter moving speed	0-2m/min	Surface harshness	Ra12.5 μ m
Cutting length	Max3700mm Min400mm	Overall dimension	4500mm×1100mm×1400mm
Cutting width	120mm		

LJZR-420-3500B Pvc profiles double head cutting machine

Main Features:

- ⊙ Imported carbide saw blade give accurate processing and high endurance.
- ⊙ Saw blade rotate smoothly due to high accuracy main spindle.
- ⊙ Uniform speed feeding and smooth motion due to air-hydraulic damping cylinder.
- ⊙ Used for cutting aluminium at -45°,90°and 45°
- ⊙ One time processing can cut off the required length.
- ⊙ The safety devices designed specially clamp the devices when power is cut off suddenly. So the safety of operators is assured.



Main Technique Parameter:

Voltage	380V 50HZ	Cutting height	200mm
Power	3.0KW	Cutting angle	-45° 45° 90°
Air pressure	0.5-0.8MPa	Angle error	±4'
Air consumption	200L/min	Repeat locating length error	±0.2mm
Blade specification	Φ450XΦ30X4 Z=120	Surface plainness	±0.1mm
Cutter moving speed	0-2m/min	Surface harshness	Ra12.5 μ m
Cutting length	Max3700mm Min400mm	Overall dimension	4500mm×1100mm×1400mm
Cutting width	120mm		

LJZ02-3500 Pvc profiles double head cutting machine



Main Features:

- ⊙ This machine is used for cutting UPVC profiles. Cutting angle 45 and 90.
- ⊙ The pneumatic driving system make saw blades feed automatically.
- ⊙ Two pairs of horizontal and vertical pneumatic clampers fixing profiles fast.
- ⊙ Two head can work Simultaneously or separately .
- ⊙ Measuring ruler is setted on machine body,which ensure accurate cutting length.
- ⊙ Carbide saw blade give accurate processing and high endurance.
- ⊙ One time processing can cut off the required length and angle.
- ⊙ It has the features of easy operation,high accuracy and large process range.

Main Technique Parameter:

Power supply	380V 50Hz	Saw blade dimension	Φ350×Φ30×4.4mm Z=120
Main motor power	3 KW	Main motor rotation speed	2800r/min
Air pressure	0.5-0.8 Mpa	Cutting angle	45 ° /90 °
Air consumption	100 L/min	Cutting length	450-3500mm
Cutting height	Max 100mm	Size	4000×1200×1450mm
Cutting width	Max 200mm	Weight	800kg

VJW-70A upvc window and door V-cutting machine



Main Features:

- ⊙ This machine for PVC window door 90° V shape groove cutting .
- ⊙ Adopts pneumatic drive . Easy operate .

Main Technique Parameter:

Power supply	380V 50Hz	Groove depth	Max 60mm
Main motor power	2*0.75 KW	Profile height	Max 120mm
Main motor rotation speed	2800r/min	Overall dimension	1350×500×1250mm
Working pressure	0.5-0.8 Mpa	Weight	200 kg
Air consumption	80L/min		
Saw blade	2×Φ300mm×Φ30mm×δ3.2mm Z120		

SYJW-1800 upvc window and door glazing bead cutting machine

Main Features:

- ⊙ This cutting machine used for glazing bead 45°cutting off and Chamfer cutting .
- ⊙ Two dual gear saw blade , can cutting two glazing bead profiles one time , more efficiency .
- ⊙ Fence plate width can be adjusted for different type profile .
- ⊙ Blade feeding and profile pressing adopts pneumatic drive .



Main Technique Parameter:

Power supply	380V 50Hz	Cutting width	100mm
Main motor power	2×0.75 KW	cutting length	320-1800mm
Main motor rotation speed	2800r/min	Overall dimension	1350×500×1250mm
Work pressure	0.4-0.5 Mpa	Weight	200kg
Air consumption	100 L/min		
Cutting height	33mm		



SCX3-28A

upvc window and door water slot milling machine

Main Features:

- ⊙ Especially for PVC window door water slot ,air pressure balance slot milling .
- ⊙ Have two milling tools ,top and bottom , for different profile .
- ⊙ Automatic milling two direction slot milling .

Main Technique Parameter:

Power supply	AC 220V 50Hz	Milling depth	40mm
Input power	0.9kw	milling cutter dimension	φ4mm / φ5mm (optional)
Working air pressure	0.4-0.6 mpa	Overall Dimension	2490×800×1580 mm
Air consumption	30 L/min	Weight	300 kg
motor speed	25000 r/min		
Milling length	50mm		

SQJ04

upvc window and door cnc corner cleaning machine

Main Features:

- ⊙ This machine used for PVC window door welding corner cleaning .
- ⊙ Adopts for out corner /out corner slop / in corner /both surface and adhesive tapeinstallation channels welding seam cleaning of PVC door window 90° corner .
- ⊙ Adopts CNC system ,can save different process program for different type profiles to automatic cleaning .
- ⊙ Adopts different type profile , custom-made different cleaning tools .



Main Technique Parameter:

Power supply	AC 380V 50Hz	Groove depth	0.3±0.15mm
Input power	1.5kw	Groove width	3±0.15mm
Air pressure	0.4-0.6Mpa	Clean type	Inside /outside/both surface
Air consumption	100L /min	Overall dimension	1700×900×1600mm
Profile width	20-120mm	Weight	700 kg
Profile height	20-120mm		

SQJ01 upvc window and door corner cleaning machine



Main Features:

- ⊙ This machine used for PVC window door welding corner cleaning .
- ⊙ Adopts for out corner /out corner slop /both surface and adhesive tapeinstallation channels welding seam cleaning of PVC door window 90° corner .
- ⊙ Adopts different type profile , custom-made different cleaning tools .
- ⊙ Can custom-made sliding window groove tool .

Main Technique Parameter:

Power supply	AC 380V 50Hz	Groove depth	0.3±0.15mm
Input power	1.1kw	Groove width	3±0.15mm
Air pressure	0.4-0.6Mpa	Clean type	Outside/both surface
Air consumption	150L /min	Overall dimension	1050×670×1370mm
Profile width	20-120mm	Weight	270 kg
Profile height	35-110mm		

SSKC01-100

upvc window and door lock hole milling machine

Main Features:

- ⊙ This machine used for milling UPVC window door all kinds hardware mounting hole
- ⊙ Two separate part , horizontal three hole drilling and vertical irregularly-shaped hole copy milling , can work out same time .
- ⊙ Both milling cutter feeding manually . Also the milling depth can be adjusted in advance . Suit for different model profile .
- ⊙ The copy milling part , can custom-made milling shape template.



Main Technique Parameter:

Power supply	AC 380V 50Hz	Drilling bit	Φ12mm
Input power	1.5kw+1.1kw	Copy milling cutter	Φ5mm/Φ8mm
Working air pressure	0.4-0.6 mpa	Overall Dimension	1000×1130×1500 mm
Air consumption	50 L/min	Weight	320 kg
motor speed	2800r/min		

SJV-62

upvc window and door mullion cutting machine



Main Features:

- ⊙ This machine used for UPVC mullion profile end outer 90° V shape cutting .

Main Technique Parameter:

Power supply	380V 50Hz	Cutter dimension	Φ300/Φ400×Φ30mm
Input power	2×1.1kw	Profile length	320-2000 mm
Working pressure	0.4-0.6Mpa	Cutting width	Max 100mm
Air consumption	100 L/min	Cutting height	Max 80mm
Motor speed	2800 r/min	Overall dimension	2200×620×1350mm
Feeding speed	6-50mm/s	Weight	260kg

GHCC-1 UPVC steel linear hydraulic punching machine

Main Features:

- ⊙ This machine used for UPVC window door steel linear punching.
- ⊙ Punching positions to make the steel linear adopts for mullion V welding and hardware mounting hole .
- ⊙ Also can custom-made punching tools for other hole punching .
- ⊙ Hydraulic type make sure powerful to punching steel .

Main Technique Parameter:

Power supply	380V 50Hz
Oil capacity	20L
Motor speed	1420r/min
Pressure	Max 50 KN
Punching stroke	30mm
Shut height	Max 185mm
Overall dimension	900 × 900 × 1380 mm



LDJ4-100 four head UPVC steel linear screw fastening machine



Main Features:

- ⊙ This machine used for combining UPVC profile with steel linear profile by screw automatic.
- PLC system , adopts different UPVC profile . Screw automatic rank fastening .
- Screw distance and depth adjustable .
- Four head automatic work , work down in 4 s , error correction function .

Main Technique Parameter:

Power supply	AC 220V 50Hz	screw diameter	Φ4.2×13— Φ4.2×16
Total Power	1kw	screw type	cross recessed countersunk head screws
Air pressure	0.6-0.8Mpa	screw driver diameter	Φ6.35×110mm
Air consumption	200L /min	screw distance	250-380mm
Welding material length	300-3000mm	Steel liner thickness	1-2mm
Welding material height	100mm	Size	3000*650*1700mm
Welding material depth	≤32mm	weight	500kg

LF-WDX-II aluminum window and door high efficiency end milling machine

Main Features:

- Used for aluminum profile end processing and suitable for various profiles
- Clamp one time can process multi-piece profiles, which increased the processing efficiency
- Convenient tool adjustable to meet different processing requirements
- Need not ordering tools when processing various profiles, they can decrease cost and save time
- Large tool diameter, high milling speed and good processing result.
- According to user requirement, this machine is installed safety cover which can keep the operator safety in maximum limitation.

Main Technique Parameter:

Power supply	380V 50HZ
Motor supply	4.4 kw
Air pressure	0.5-0.8MPa
Motor speed	2800r/min
Dimension	2400mm*970mm*1640mm
Weight	500kg



LXD03-200

aluminum window and door end milling machine

Main Features:

- Used for processing aluminum and PVC profile end, step face and slot etc.
- Super precision main shaft insures accurate and steady processing.
- Automatic feed, small labor intensity.
- Convenient tool setting is due to adjustable workable.
- It only can process 1 set profile one time.

Main Technique Parameter:

Model	LXD03-200
Power Supply	380V 50 Hz (Three Phase, Four Wire)
Motor Power	1.5 kW
Rotary Speed	2800 rpm
Air Pressure	0.5-0.8 Mpa
Overall Dimension	850 mm × 740 mm × 1280 mm
Weight	150 kg



LY-16

aluminum window and door hardware pneumatic punching machine

Main Features:

- Used for hardware slot punching and processing of aluminum window and door.
- die is easy change , especially for handle slot, sharp-angled cutting and friction hinge slot.
- Every combination punching die equipped with the machine can achieve the whole punching process of one type profile.
- We can make the die according to the customer requirement .
- Power controlled by the pneumatic pedal, which ensures work stable. Air supply power and equipped with 3 standard stations.

Main Technique Parameter:

Model	LY-16
Punch pressure	16KN
Cylinder Stroke	30mm
Air pressure	0.6-0.8MPa
Air consumption	130L/min
Dimension	700 × 500 × 1300mm



FX1-90X290

aluminum window and door single copy route milling machine



Main Features:

- The latest improvement of bearing seat structure, the belt can be easily replaced.
- Precision linear bearing guide rail, make the cutter movement smooth and flexible, easy to operate
- It makes the milling cutter easy to clamp for its high standard milling cutter and main axis taper from precision work
- Excellent gas oil cooling system makes the milling effect better, cutting tool durable
- Fast locking and positioning in arbitrary cutting depth, no need pulling down rod By workers--- reduce the labor intensity.

Main Technique Parameter:

Input power	:1.1kw
Power supply	:380V/50Hz
Working pressure	:0.6-0.8Mpa
Motor speed	:12000r/min
Milling cutter diameter	:φ 5. φ 8
Overall dimension	:1000x1130x1500
Weight	:220kg

LXF2-100X300

aluminum window and door copy route milling machine

Main Features:

- Used for milling production of all kinds of holes and slot in aluminum window and door.
- Guiding device for machine head vertical moving enhanced the milling distance and accurate position
- Linear bearing used in the level moving ensured the accurate position for hole/slot shape milling.
- High steel body with enhance design to ensure the stable working.

Main Technique Parameter:

Power supply	380V 50HZ
Operation air pressure	0.5-0.8Mpa
Motor power	1.1KW
Air consumption	30L/min
Milling cutter rotary speed	12000r/min
Dimension	1000 × 1130 × 1500mm(L*W*H)
Weight	220kg



LZZ6-14 multiple head door window frame mounting hole drilling machine



Main Features:

- Aluminum profile 、 PVC /UPVC profile window door curtain wall drilling round hole machine. Especially for very long profile and massive production .
- Install multiple head Drilling Block , can drill several holes same time .
- Drilling head feeding use pneumatic - hydraulic damping cylinder .
- Random working head linkage .

Main Technique Parameter:

Power supply	AC 380V 50Hz	Hole dimension	MaxΦ13mm
Input power	6×1.1kw	Suitable material	PVC & Aluminum
Purpose	Drilling holes	Profile Cross section	Max 250×250 mm
Motor Rotary Speed	2800r/min	Each two hole distance	300-5000mm
Head vertical stroke	150mm	Overall Dimension	4000×1200×1400 mm
Drill bit vertical stroke	125mm	weight	1200kg
Drill bit level stroke	120mm		