

济南华世诺数控设备有限公司
Jinan Huashinuo CNC Machinery Co.,Ltd.

Add: Huihe town machinery industry park,Jinan city, China

Tel: +86-531-88086657 88775339

Fax: +86-531-58707571 58707570

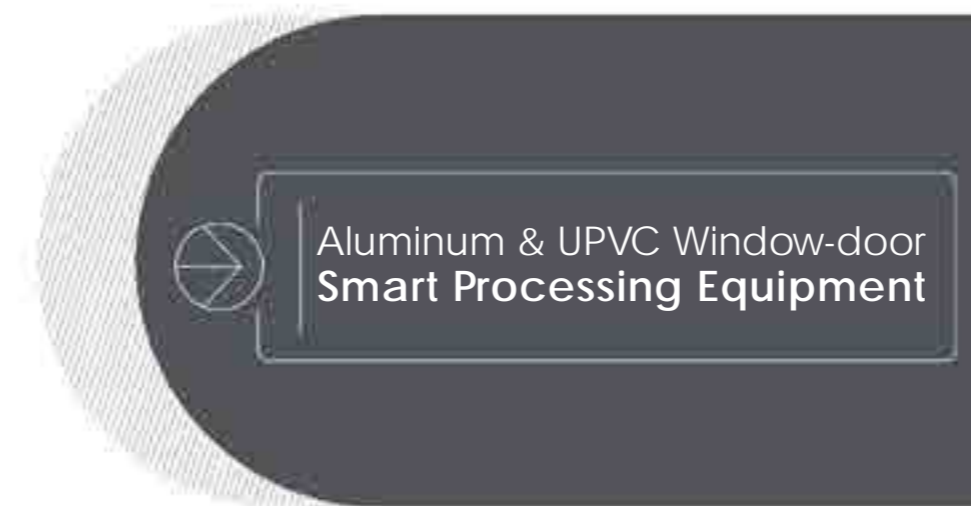
Http: www.huashinuo.com

E-mail: huanuojiqi@163.com

E-mail: admin@huashinuo.com

Statmen: Jinan Huashinuo CNC Machinery Co., Ltd. reserved the right to change the appearance, structure, color, model and price about all equipments. If the above will be modified, please forgive us not to notify. The pictures in this manual may be different from the object, please make the object as the standard.

2016.10



JINAN HUASHINUO CNC MACHINERY CO.,LTD.



HuaNuo
华诺数控 CNC Machine

Company Introduction

Jinan Huashinuo CNC Machinery Co.,Ltd is a modern private enterprise specialized in technology development ,machinery manufacture and product sales .Main products include aluminum win-door making machine ,upvc win-door making machine and insulating glass production line and so on.

Our engineers have 15 years of experience in machine fabrication, which makes the precision and stability better than others. After machine production finished, the products will be tested in professional ways make sure its performance.

If you are window fabricator, looking for new machine for business expansion.

If you have interest to set up window production line as your new business.

Or you have any questions about window machine.

Huanuo team is here, ready for support. press "send", let's start !!!



Professional
service team



Standard
service process



Professional
service skills



Efficient
service ability

Leading
Technology

Perfect quality depends on professional design concept, technical innovation is the assurance of leading enterprises, no innovation, no development, we focus on product innovation and research and development, the company set up r&d center, specializing in basic and forward-looking technology research and development, achieve rapid product upgrades, broaden the product areas, to build the core competence of enterprises sustainable development.



Precision
Manufacturing

The first-class products, are from the concept of first-class processing equipment inevitably. We adhering to the concept of advanced processing of woodworking machinery industry, the industry's leading digital, intensification of CNC machining center, CNC grinding machine, CNC drilling machine, CNC planer and bending, cutting and other precision machining equipment, to ensure that we can realize "smart design, precision manufacturing".



Quality
Assurance

Company set up quality inspection center, with all kinds of advanced experiment, multiple sets of testing equipment has realized from the product research and development, raw materials procurement, manufacturing, and packaging warehousing total quality control. To ensure the quality of the product key link control and precision, thus ensuring the stability of product quality and no difference, In the hands of users run efficiently.



GZA-CNC-7000

High-speed 4-axis Center

The machine is designed for processing lauder,taping,milling and mounting hole,locking hole and shaped hole,and it has a saw blade,can be used for cutting the angle of the profile.



Equipment Advantages

- With a range of $-90^{\circ} \sim 0^{\circ} \sim +90^{\circ}$, 4 axes machining together.
- Using advanced industrial CNC systems, friendly machine interface and operation is simple
- Suitable for aluminum, aluminum-wood composite profile, copper and other light alloy profiles, as well as the uPVC profiles also.
- In one clamping, can finish milling, drilling, chamfering, grooving and other multi-functional precision machining.
- Made of high strength welding structure after aging, high rigidity and stability.
- Adopts famous brand high precision linear guideways, ball screws, gear racks and servo motor, ensuring smooth motion, positioning and processing of high precision
- High-quality famous brand automatic tooling changing system, ensure stability, less noise, good performance.
- Equipped with 12-station tooling magazine, adjustable pneumatic special fixture ensure efficient processing.
- Double worktable for two workpieces machining process, interactive loading and unloading, features high efficiency.
- The machine is widely used for trains, cars, ships, medical equipment, bathroom accessories, windows & doors, curtain walls, interior decoration and other industries profiles processing.
- Multiple safety protection structure to ensure operator's safety.

Technical Parameter

Input voltage: 380V/50Hz
 Rated power: 12.5Kw
 X-axis stroke: 7000mm
 X-axis feed rate: 0~60m/min
 X-axis positioning accuracy: $\pm 0.05\text{mm}$
 Y-axis stroke: 435mm
 Y-axis feed rate: 0~48m/min
 Y-axis positioning accuracy: $\pm 0.02\text{mm}$
 Z-axis stroke: 300mm
 Z-axis feed rate: 0~20m/min
 Z-axis positioning accuracy: $\pm 0.02\text{mm}$
 A-axis travel: $\pm 95^{\circ}$
 A-axis feeding rate: 300r/min
 Spindle power: 7.5kW
 Spindle speed: 0~24000rpm
 Working Pressure: 0.6~0.8MPa
 Overall dimension: 11300x2350x2550mm

LXF-CNC-3500

4-axis CNC Milling Machine for Aluminum Profile

Used for processing round holes, slots, keyhole etc on aluminum profile, it is also suitable for processing milling, chamfering,engraving plane surface and other procedure.



Equipment Advantages

- Using advanced industrial CNC systems, friendly machine interface and operation is simple.
- Suitable for aluminum, aluminum / wood composite profile and other light alloys of copper, as well as the u-PVC profile processing.
- High strength steel welded structure, completed after thermal aging treatment of machining in one clamping.
- Adopts imported high precision linear guideways, ball screws, gear racks and servo motor, ensuring smooth motion,positioning and processing of high precision.
- High-quality imported high speed spindle ensure stability, stability of rotation noise, cutting ability.
- The worktable is turnable between $-90,0$ and 90 degrees.One time loading can process three different sides make sure precise machining.

Technical Parameter

X-way journey (X-axis): 3000mm
 Y-way journey (Y-axis): 500mm
 Z-way journey (Z-axis): 350mm
 Main axis rev: 18000rpm
 Input power: 6Kw
 Clamp: ER25- $\Phi 8$
 Air supply: 0.5~0.8MPa
 Power supply: 380V/50Hz
 Processing range: $100 \times 140\text{mm}$
 Overall dimension: $4180 \times 1600 \times 2200\text{mm}$

SKX-CNC-1200 CNC Drilling Milling Machine

Applicable for drilling holes, milling grooves, processing circular holes and special-shaped holes, plane engraving of aluminium alloy profiles.



Equipment Advantages

- Applicable for drilling holes, milling grooves, processing circular holes and special-shaped holes, plane engraving of aluminium alloy profiles.
- System adopts Taiwan Syntec CNC controller.
- Adopting electric spindle; high precision, high safety and reliability.
- X axis adopts high-precision helical gear and rack; Y and Z axis adopt high-precision ball screw transmission; steady transmission and high precision.
- By using programming software to automatically transform and process G code; easy operation; high efficiency and low labour intensity.
- Workbench can turn 180° , -90° ~0° ~+90° ; it can realize three-sides' processing by clamping one time; it can process deep and special-shaped holes through workbench; high efficiency and precision.

Technical Parameter

Power supply: 380V/50Hz
 Input power: 3Kw
 Air pressure: 0.5~0.6MPa
 Main axis rev: 18000rpm
 X-axis speed: 1200mm
 Y-axis speed: 300mm
 Z-axis speed: 280mm
 Processing range: 100 × 140mm
 Handle type: ER25 × Φ8mm
 Overall dimension: 2200 × 1500 × 1950mm
 Weight: about 610kg

LJGS-CNC-500/600×4200 CNC Heavy Duty Double-head Cutting Saw

This machine is designed for cutting aluminum curtain wall and profile. The cutting angle is auto adjustable through the imported servo motor between 45° . 90° .

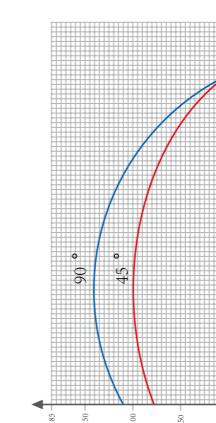


LJGX-500/600×4200 Digital Precise Double-head Cutting Saw
 LJG-500/600×4200 Precise Double-head Cutting Saw



Equipment Advantages

- The machine mainly for industrial aluminium profiles, aluminium curtain wall profiles, and aluminium windows profiles cutting.
- Adopt imported saw blades with the diameter is 500mm, high line speed, high precision machining.
- This machine uses the numerical control technology, profiles of different specifications can be completed automatically under the expected size.
- Machine during operation, two saw blade can cut together or separately.
- The saw head can be set to 45 degrees or 90 degrees.
- The blade from the bottom to the top, sawing profile is more safe and reliable, the cutting height and cutting width are large.



Technical Parameter

Power supply: 380v 50Hz
 Cutting motor power: 2 × 2.2+1.5Kw
 Cutting motor rotary speed: 2800r/min
 Operation air pressure: 0.5 ~ 0.8MPa
 Air consumption: 60L/min
 Blade specification: Φ500/600 × Φ30mm
 Max. cutting length: 4200 mm
 Min. cutting length: 480 mm
 Cutting width: Max. 235mm
 Cutting height 90° : max 125mm
 45° : max 100mm
 Max cutting section: 125 × 235mm
 Cutting angle: 45° , 90°
 Overall dimension: 5750 × 1300 × 1500mm

LJZ2S-500×4200

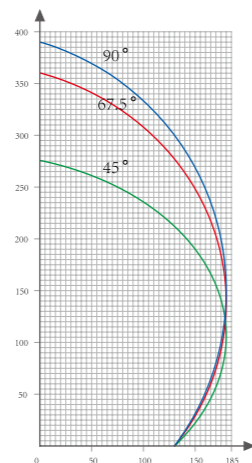
CNC Double-head Precision Cutting Saw

Used for cutting any angle of aluminum curtain wall and profile. The cutting angle is auto adjustable through the imported servo motor between 45° .67.5° .90°.



Equipment Advantages

- Used for cutting aluminum and PVC profile for doors and windows, curtain wall etc.
- The feeding system adopts the imported linear guide with high accuracy and stability.
- Right head feeding adopts high helical pitch ball screw-lead motion, with high accurate driving, locating and smooth working.
- Two saw heads are adjustable and cut the profiles in 67.5°、45°、90° freely.
- Imported carbide saw blade features accurate processing and high rail endurance.
- Imported linear guiding pair ensures steady processing accuracy.
- Saw blades rotates smoothly which are due to high accurate of main spindle.
- Uniform speed feeding and smooth motion are due to air hydraulic damping cylinder.
- Auto-opening shield makes the operation more safety.
- This machine uses the numerical control technology and LCD touch screen.



Technical Parameter

Power supply: 380v 50Hz
 Cutting motor power: 5.9Kw
 Cutting motor rotary speed: 2800r/min
 Operation air pressure: 0.5~0.8MPa
 Air consumption: 60L/min
 Blade specification: $\Phi 500 \times \Phi 30$ mm
 Max. cutting length: 4200 mm
 Min. cutting length: 400 mm
 Cutting width: 135mm
 Cutting height : 90° max 200mm
 45° max 175mm
 Max cutting section: 135 × 200mm
 Cutting angle: 45°、67.5°、90°
 Overall dimension: 5700 × 1650 × 1550mm

LJZ2X-500×4200

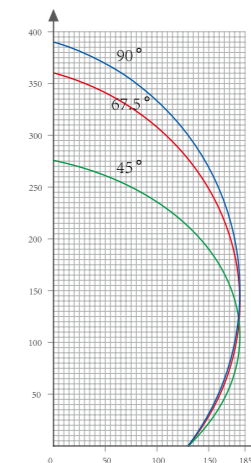
Digital Display Double-head Precision Cutting Saw

Used for cutting any angle of aluminum curtain wall and window-door profile. The cutting angle is auto adjustable through 45° .67.5° .90°.



Equipment Advantages

- It has features of easy operation, reliable performance, advanced technique and convenient maintenance.
- The profile cutting size adopts the digital display technique to ensure high efficiency and accuracy.
- Imported carbide saw blade gives accurate processing and high efficiency.
- Two cutting heads can work together or separately, when working together, one time can cut off the required length and angle.
- Auto-opening shield washed the operation safety.
- Digital display screen shows accurate cutting length.



Technical Parameter

Power supply: 380v 50Hz
 Cutting motor power: 2 × 2.2Kw
 Cutting motor rotary speed: 2800r/min
 Operation air pressure: 0.5~0.8MPa
 Air consumption: 60L/min
 Blade specification: $\Phi 500 \times \Phi 30$ mm
 Max. cutting length: 4200 mm
 Min. cutting length: 400 mm
 Cutting width: 135mm
 Cutting height: 90° max 200mm
 45° max 175mm
 Max cutting section: 135 × 200mm
 Cutting angle: 45°、67.5°、90°
 Overall dimension: 5530 × 1650 × 1550mm

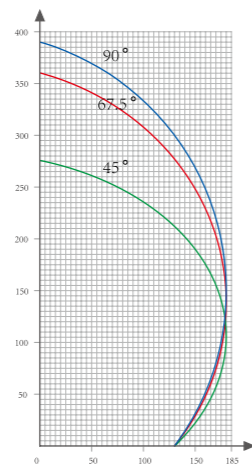
LJZ2-500×4200 Double-head Precision Cutting Saw

Used for cutting any angle of aluminum curtain wall and window-door profile. The cutting angle is auto adjustable through 45° .67.5° .90°.



Equipment Advantages

- It has features of easy operation, reliable performance, advanced technique and convenient maintenance.
- The profile cutting size adopts the digital display technique to ensure high efficiency and accuracy.
- Imported carbide saw blade gives accurate processing and high efficiency.
- Two cutting heads can work together or separately, when working together, one time can cut off the required length and angle.
- Auto-opening shield washed the operation safety.



Technical Parameter

Power supply: 380v 50Hz
 Cutting motor power: 2 × 2.2Kw
 Cutting motor rotary speed: 2800r/min
 Operation air pressure: 0.5 ~ 0.8MPa
 Air consumption: 60L/min
 Blade specification: $\Phi 500 \times \Phi 30\text{mm}$
 Max. cutting length: 4200 mm
 Min. cutting length: 400 mm
 Cutting width: 135mm
 Cutting height: 90° max 200mm
 45° max 175mm
 Max cutting section: 135 × 200mm
 Cutting angle: 45°、67.5°、90°
 Overall dimension: 5530 × 1650 × 1550mm

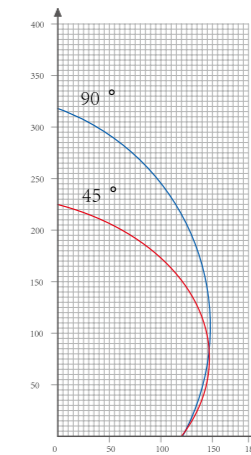
LJZ2Z-450×3700 Double-head Cutting saw for Aluminum and PVC Profile

This machine is designed for cutting aluminum and PVC profile. Two saw heads are adjustable and cut the profiles in -45°,45°,90°freely.



Equipment Advantages

- This is one new designed machine which used for cutting profile of aluminum door and windows curtain wall and corner connector.
- It has feature of easy operation, reliable performance, advanced technique and convenient maintenance.
- The profile cutting size adopts the digital display technique to ensure high efficiency and accuracy.
- Imported carbide saw blade gives accurate processing and high efficiency.
- Two head can work together or single, when together work, one time can cut off the required length and angle.



Technical Parameter

Power supply: 380v 50Hz
 Cutting motor power: 2 × 1.5Kw
 Cutting motor rotary speed: 2800r/min
 Operation air pressure: 0.5 ~ 0.8MPa
 Air consumption: 60L/min
 Blade specification: $\Phi 450 \times \Phi 30\text{mm}$
 Cutting length: Min480mm-Max3700 mm
 Cutting width: 120mm
 Cutting height: 160mm
 Max cutting section: 120 × 160mm
 Cutting angle: 45°、90°、-45°
 Overall dimension: 4500 × 1250 × 1550mm

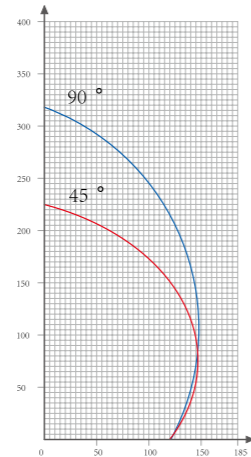
LJZ2-450×3700 Double Mitre Saw for Aluminum and PVC Profile

This machine is designed for cutting any angle of aluminum and PVC profile. Two saw heads are adjustable and cut the profiles in -45°,45°,90°freely.



Equipment Advantages

- The machine is used for uPVC and aluminium profiles cutting.
- Carbides blade is of accurate processing and high endurance.
- The two heads can work alone or work at the same time.
- Right cutting head adopts motor driving.
- Two saw head can be manually switching angle, realize the - 45 degrees, 90 degrees, 45 degrees angle cutting.
- Digital measurement display system is optional.



Technical Parameter

Input power: 3.55Kw
Power supply: 380V/50Hz
Air pressure: 0.5~0.8MPa
Motor rotary speed: 2800r/min
Saw Blade spec: $\Phi 450 \times \Phi 30\text{mm}$
Cutting angle: -45° ~90° ~45°
Cutting length: 480~3700mm
Max. Cutting width: 120mm
Overall dimension: 4500 × 1170 × 1400mm
Weight: about 790kg

LJGB-500 Heavy-duty Single Head Cutting Saw

The machine is applicable for aluminium and PVC profile cutting at 45°and 90°.



Equipment Advantages

- Mist spray cooling system can cool the saw blade fastly.
- This machine with up-feed blade and digital display positioning system(depending on request).
- The saw blades can be adjusted within the range of 45°、90° freely.
- The saw blades are from the bottom to top,cutting drafile is much safter and more veliable.

Technical Parameter

Input power: 2.2Kw
Power supply: 380V/50Hz
Air pressure: 0.5~0.8MPa
Motor rotary speed: 2800r/min
Saw Blade specification: $\Phi 500 \times \Phi 30\text{mm}$
Cutting angle: 90°、45°
Cutting width × height: 235 × 135mm
Overall dimension: 1200 × 1300 × 1500mm

LSJ-450A Single-head Cutting Saw

The machine is applicable for aluminium and PVC profile cutting at 45°、90°、-45°.



Equipment Advantages

- Special for aluminium and PVCprofile cutting at 45°、90°、-45° carbide saw blade give accurate processing and high endurance Toprovide the bracket with scale ruler for material locating.

Technical Parameter

Input power: 1.5Kw
Power supply: 380V/50Hz
Air pressure: 0.5~0.8MPa
Motor rotary speed: 2800r/min
Saw Blade specification: $\Phi 450 \times \Phi 30\text{mm}$
Cutting angle: 45°、90°、-45°
Cutting width × height: 120 × 200mm
Overall dimension: 700 × 1300 × 1500mm

LJZ-350 Single Head Variable Angle Cutting Saw

The machine is applicable for cutting profiles of aluminum at 0° ~135°.



Equipment Advantages

- Used for cutting profile at 0° - 135°
- It has feature of easy operation, reliable perfor mance, advanced technique and convenient maintenance, etc.
- The imported blade with high precision makes the cutting surface smooth.
- Digital measurement display stopper is optional.

Technical Parameter

Input power: 1.1Kw
Power supply: 380V/50Hz
Air pressure: 0.5~0.8MPa
Motor rotary speed: 2800r/min
Saw Blade specification: $\Phi 280 \times \Phi 30\text{mm}$
Cutting angle: 0° ~ 135°
Cutting width×height: 90 × 90 / 200 × 50mm
Overall dimension: 740 × 660 × 1300mm

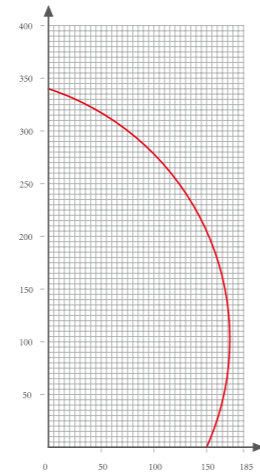
LJJAS-500 Corner Connector Automatic Heavy-duty Cutting Saw

This machine is mainly used for corner connector of aluminum profile and plastic profile cutting. It can cut 6m corner connector continuously by one time clamping.



Equipment Advantages

- It has features of easy operation, reliable performance, advanced technique and convenient maintenance etc.
- Used for corner connector of aluminum profile cutting.
- Only one time clamping, can achieve 6 meters corner section bar continuous cutting.
- It changes the length of corner connector automatically by inputting length in CNC control panel
- Imported carbide saw blades accurate processing and high efficiency.
- Feeding motion use linear bearing with small movement resistance and high precision.
- Feeding mechanism of automatic feeding system is stable and reliable with high efficiency.
- Work clamping, cutting and uses the ball screw transmission, convenient operation, safety and reliability, high productivity.



Technical Parameter

Power supply: 380V 50HZ
 Motor power: 3.0Kw
 Motor rotary speed: 2800r/min
 Working air pressure: 0.5~0.8MPa
 Auto feeding length: 5~700mm
 Cutting width × height: 135 × 300mm
 Saw blade feeding speed: 0~3m/min
 Saw blade specification: $\varnothing 500 \times \varnothing 30\text{mm}$
 Overall dimension: 1700 × 1400 × 1220mm

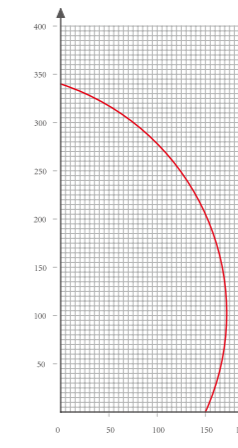
LJJA-500 Corner Connector Automatic Heavy-duty Cutting Saw

This machine is mainly used for corner connector of aluminum profile and plastic profile cutting. It can cut 6m corner connector continuously by one time clamping.



Equipment Advantages

- It has features of easy operation, reliable performance, advanced technique and convenient maintenance etc.
- Used for corner connector of aluminum profile cutting.
- Only one time clamping, can achieve 6 meters corner section bar continuous cutting.
- It changes the length of corner connector by hand wheel.
- Imported carbide saw blade is of accurate processing and high efficiency.
- Feed motion using linear motion bearing small movement resistance of high precision.
- Feeding mechanism of automatic feeding system is stable and reliable with high efficiency.
- Work clamping, cutting and uses the ball screw transmission, convenient operation, safety and reliability, high productivity.



Technical Parameter

Power supply: 380V 50HZ
 Motor power: 3.0Kw
 Motor rotary speed: 2800r/min
 Working air pressure: 0.5~0.8MPa
 Auto feeding length: 5~500mm
 Cutting width × height: 135 × 300mm
 Saw blade specification: $\varnothing 500 \times \varnothing 30\text{mm}$
 Overall dimension: 2340 × 1400 × 1200mm

LJJB-450×100 Corner Connector Cutting Saw

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



Equipment Advantages

- Used for aluminum corner connector cutting.
- Imported carbide saw blade is of accurate processing and high efficiency.
- High-power motor makes the cutting easily.
- Linear bearing motion pair give less resistance force and ensured high process-ing accuracy.
- The PLC control and auto-feeding system with high efficiency is suitable for large volume production.

Technical Parameter

Power supply: 380V 50HZ	Auto feeding length: 5~120mm
Motor power: 2.2Kw	Cutting width × height: 120 × 200mm
Motor rotary speed: 2800r/min	Saw blade specification: φ 450 × φ 30 × 4.4 Z=120
Working air pressure: 0.5~0.8MPa	Overall dimension : 1240 × 1300 × 1300mm

LJJC-450 Corner Connector Cutting Saw

This machine is mainly used for corner connector of aluminum profile and plastic profile cutting.



Equipment Advantages

- Used for cutting of the corner connector for aluminum profiles.
- Adopting computer-controlled system,and with high automation level.
- Imported carbide saw blade is of high cutting speed,accurate processing and high efficiency.

Technical Parameter

Power supply: 380V 50HZ	Blade specification: φ 450 × φ 30mm
Cutting motor power: 2.2Kw	Blade W x H: 120 × 200mm
Motor rotary speed: 2800r/min	Overall dimension: 1200 × 900 × 1300mm
Operation air pressure: 0.5~0.8MPa	

LXDX-250×5 Heavy Duty Auto End-milling Machine (5 cutters)

Used for aluminum profile and suitable for various profiles,clamp one time can processing multi-piece profiles,which increased the processing efficiency.



Equipment Advantages

- Used for aluminum corner connector cutting.
- Imported carbide saw blade is of accurate processing and high efficiency.
- High-power motor makes the cutting easily.
- Linear bearing motion pair give less resistance force and ensured high process-ing accuracy.
- The PLC control and auto-feeding system with high efficiency is suitable for large volume production.

Technical Parameter

Power supply: 380V 50HZ	Cutter adjustment: 0~85mm
Motor power: 4 × 2.2Kw	Diameter of blade: Φ300mm
Motor rotary speed: 2800r/min	Diameter of milling cutter: φ 250mm
Working air pressure: 0.6~0.8MPa	Worktable journey: 0~1500mm
Diameter of main shaft: φ 32mm	Overall dimension: 2680 × 1020 × 1600mm

LXD-250 Auto End-milling Machine (4 cutters)

Used for aluminum profile and suitable for various profiles,clamp one time can processing multi-piece profiles,which increased the processing efficiency.



Equipment Advantages

- Milling the aluminum mullion profile to connect the mullion profile and frame profile.
- Can mill many profiles 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 damping,cylinder device is to assure the stability.

Technical Parameter

Power supply: 380V 50HZ	Cutter adjustment: 0~85mm
Motor power: 3 × 2.2Kw	Blade specification: Φ250mm
Motor rotary speed: 2800r/min	Worktable journey: 0~1050mm
Working air pressure: 0.5~0.8MPa	Overall dimension:
Max open tenon: 40mm	2240 × 970 × 1670mm

LXD-200B

Auto End-milling Machine

Used for milling the aluminum and PVC mullion profiles.



Equipment Advantages

- The first two knife shaft structure form of interaction, without ordering blade, milling tenon machining, simple.
- This excellent pneumatic spray cooling system, make the milling effect is better, cutting tool is more durable.
- Precision processing technology knife shaft and bearing seat, make knife shaft rotation more balance, noise and vibration is far lower than the other counter featers.

Technical Parameter

Power supply: 380V 50HZ
 Motor power: 2 × 2.2Kw
 Motor rotary speed: 2800r/min
 Working air pressure: 0.6~0.8MPa
 Milling height: 70mm
 Clamping profiles: 6-10
 Loading area: 450 × 380mm
 Overall dimension: 1250 × 720 × 1650mm

LXDA-200

Auto End-milling Machine

Used for processing aluminum profile end ,step face and slot etc.



Equipment Advantages

- Used for processing aluminum profile end, step face and slot etc.
- Super precision main shaft insures accurate and steady processing.
- Automatic feeding.
- Convenient tool setting is due to adjustable worktable.
- Large worktable for milling multi-piece profiles at same time.

Technical Parameter

Power supply: 380V 50HZ
 Total power: 1.5Kw
 Motor rotary speed: 2800r/min
 Air pressure: 0.6~0.8MPa
 Saw Blade specification: (Φ200~Φ110) × Φ32mm
 Open tenon(H × W): 70 × 45mm
 Feeding journey of worktable: 0~320mm
 Overall dimension: 850 × 740 × 1500mm

LXD-200

Auto End-milling Machine

Used for processing aluminum profile end ,step face and slot etc.



Equipment Advantages

- The cutters need to be made according to various profiles.
- Super precision main shaft insures accurate and steady processing.
- Adjustable processing angle within 35° ~ 90° .
- Convenient tool setting is due to adjustable worktable.
- The cutter is mounted on high precision spindle, the motor running accuracy will not affect the tool working accuracy.
- Cutter adopts pneumatic cylinder automatic feeding.

Technical Parameter

Power supply: 380V 50HZ
 Motor power: 1.5Kw
 Motor rotary speed: 2800r/min
 Working air pressure: 0.5~0.8MPa
 Diameter of main shaft: Φ32mm
 Cutter adjustment: 0~80mm
 Cutter feeding journey: 0~320mm
 Overall dimension: 850 × 740 × 1280mm

LXF-235×100

Single Head Copy Router

Used for copy-routing processing various kinds of holes,grooves and water-slots on aluminum windows and doors.



Equipment Advantages

- 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 atomization cooling system makes the milling effect better, cutting tool durable.

Technical Parameter

Air Pressure: 0.5~0.8MPa
 Input voltage: 380V/50HZ
 Input power: 1.1Kw

Cutter diameter: Φ5, Φ8mm
 Copy-routing range: 270 × 110mm
 Overall dimension: 870 × 700 × 1500mm

LZ3FX-235×100

Copy-router & Lock-hole Milling Machine

Used for copy-routing processing various kinds of holes,grooves water-slots and lock hole on aluminum windows and doors.



Equipment Advantages

- With template, it can mill all kinds of holes, grooves and slots.
- Speical position system can mill rectangle or square holes without template.
- Horizontal three-hole milling head equipped at back side and automatically feeding by pneumatic cylinder.
- It has features of compact structure and easy operation.

Technical Parameter

Air pressure: 0.5~0.8MPa
 Input voltage: 380V/50HZ
 Input power: 2.6Kw
 Cutter diameter: Φ5 Φ8mm
 Copy-routing range: 235 × 100mm

Diameter of the three-hole drilling head: Φ10mm
 Centers distance of the three-hole drilling head: 21.5 × 21.5mm
 Overall dimension: 1000 × 1130 × 1500mm

LXF-290×100

Single-head Copy Router Machine

Used for copy-routing processing various kinds of holes, grooves and water-slots on aluminum windows and doors.



Equipment Advantages

- Used for copy-routing processing various kinds of holes, grooves and water-slots.
- It has features of compact structure and small volume, the air pressure drives the clamping.
- Simple model adjustment and replacement, wide adaptation, high efficiency.
- It can achieve continuous copy-routing milling, easy operation and safety.

Technical Parameter

Operation air Pressure: 0.5~0.6MPa
 Air consumption: 30L/min
 Input voltage: 380V/50HZ
 Main-shaft Revolution: 12000r/min
 Input power: 0.75Kw
 Cutter diameter: $\phi 5 \phi 8$ mm
 Copy-routing range: 290 × 100mm
 Overall dimension: 870 × 700 × 1500mm

LXF2-290×100

Double-head Copy Router Machine

Used for copy-routing processing various kinds of holes, grooves and water-slots on aluminum windows and doors.



Equipment Advantages

- Used for copy-routing processing various kinds of holes, grooves and water slots on aluminum windows and doors.
- It has features of compact structure and small volume, the air pressure drives the clamping.
- It can achieve continuous copy routing, easy operation & safety.

Technical Parameter

Operation air pressure: 0.6~0.8MPa
 Air consumption: 30L/min
 Input voltage: 380V/50HZ
 Main-shaft revolution: 12000r/min
 Input power: 2 × 0.75Kw
 Cutter diameter: $\phi 5 \phi 8$ mm
 Copy-routing range: 290 × 100mm
 Overall dimension: 1000 × 1130 × 1600mm

LZ3F-290×100

Copy-Router & Lock-hole Machine

Used for copy-routing processing various kinds of holes, grooves and water-slots and lock hole on aluminum windows and doors.



Equipment Advantages

- Used for copy-routing processing various kinds of holes, grooves & water-slots.
- By copying template and auxiliary positioning two copying method.
- Using a foot switch control the pressing cylinder, safe and reliable.
- It has features of compact structure and easy operation.

Technical Parameter

Air pressure: 0.6~0.8MPa
 Input voltage: 380V/50HZ
 Diameter of the three-hole drilling head: $\Phi 12$ mm
 Centers distance of the three-hole drillinghead: 21.5mm
 Input power: 2.25Kw
 Cutter diameter: $\phi 5 \phi 8$ mm
 Copy-routing range: 290 × 100mm
 Overall dimension: 1000 × 1130 × 1600mm

LM4S-100×1800×3000

CNC Four-corner Crimping Machine

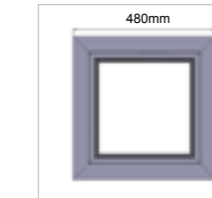
Used for aluminum profile and suitable for various profiles, clamp one time can processing multi-piece profiles, which increased the processing efficiency.



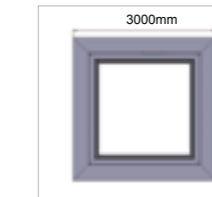
Equipment Advantages

- Used for corner combination of aluminium window & door, four corners connecting at one time, high productivity and good performance.
- Clamping device can auto move forward/backward, making the operation convenient.
- The frame is specially jointed by steel with high quality and special process.
- The CNC system imported from Taiwan Delta with high quality ensures the speed and accuracy.
- The movement control function of the service system can auto-press the four corners ensuring the processing effect.
- The corner-crimping blade can be adjusted according to the requirement of different profile.
- One time corner crimping can control the seam and plane, make the quality foresight.
- The control system service system make the connect no seam and improve the control accuracy.

Min. frame dimension



Max. frame dimension



Technical Parameter

Voltage: 380V/220V
 Rating power: 4.0 Kw
 Rating oil pressure: 15 Mpa
 Air consumption pressure: 0.5-0.8 Mpa
 Air consumption: 0.45 L
 Capability of oil box: 60L
 Profile width: 90mm
 Max. frame dimension: 3000 × 1800mm
 Min. frame dimension: 480 × 480mm
 Overall dimension: 4700 × 2200 × 2500mm

LH2C-100×3500 Double Head Corner Combining Machine

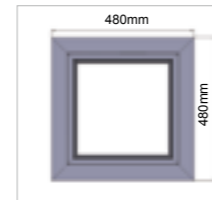
Used for corner punching combination of aluminum window & door, two corners connecting at one time is available.



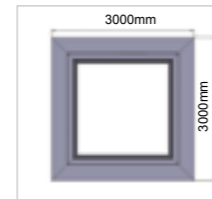
Equipment Advantages

- Used for aluminium window 90 degrees corner crimping.
- Special crimping technology to keep synchronous crimping.
- Adopt high quality guide railing system in the movable machine head.
- Two corners crimping at one time.
- Adjustable crimping knife in up/down, front/back direction.

Min. frame dimension



Max. frame dimension



Technical Parameter

Voltage: 380V/50Hz
 Rating power: 15 Kw
 Rating oil pressure: 2.2 Mpa
 Air consumption pressure: 0.6-0.8 Mpa
 Air consumption: 5 L
 Capability of oil box: 25L
 Profile width: 90mm
 Max. frame dimension: 3000 × 3000mm
 Min. frame dimension: 480 × 480mm
 Overall dimension: 3900 × 1000 × 1300mm

LMB-120 Corner Crimping Machine

Used for corner punching combination of aluminum window & door, one corners connecting at one time is available.



Equipment Advantages

- The frame is specially jointed by steel with high quality and then does special process.
- Adopt new mechanical linkage device, realized complete synchronous corner combining.
- Synchro Feeding structure make the adjust-ment very easy.
- Screw thread regulates the distance between up and down crimping blade ensures regulates blades easily.
- It is collocate single cutter of many points crimping cutter ensure reliably crimping heat insulation aluminum windows and doors.

Technical Parameter

Voltage: 380V 50Hz
 Rating power: 1.5Kw
 Rating oil pressure: 16Mpa
 Air consumption pressure: 0.5-0.8Mpa
 General pressure of corner combining: 48KN
 Air consumption: 3L/min
 Capability of oil box: 20L
 Corner crimping casing movement journey: 0-85mm
 Profile height: 90mm
 Contour dimension: 1000 × 1200 × 1200mm

LMB-120B Corner Crimping Machine

Used for corner punching combination of aluminum window & door, one corners connecting at one time is available.



Equipment Advantages

- Used for combining the 90 corner of high quality aluminum window and door.
- Strengthened machine structure and rack to make it work more stable and low malfunctions.
- Auto up-down inner localization to make workpiece 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.

Technical Parameter

Voltage: 380V 50Hz
 Rating power: 2.2Kw
 Rating oil pressure: 20Mpa
 Air consumption pressure: 0.5-0.8Mpa
 General pressure of corner combining: 60KN
 Air consumption: 2L/min
 Capability of oil box: 60L
 Corner crimping casing movement journey: 0-85mm
 Profile height: 100mm
 Overall dimension: 1150 × 1100 × 1300mm



LZZ6-13 Multi-head Combination Drilling Machine

Used for drilling holes on aluminum profiles and curtain wall profiles. Apply to volume-produce.



Equipment Advantages

- Used for drilling holes on aluminium profiles and curtain wall profiles.
- 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-pneumatic damping cylinder, which ensure smooth feeding.
- Imported PLC control system, all the drilling heads can work together or individually to meet different processing requirement.

Technical Parameter

Power supply: 380V 50HZ
 Cutting motor power: 6 × 1.1Kw
 Max drilling hole diameter: 13mm
 Max distance between two drilling holes: 500mm
 Min distance between each group holes: 300mm
 Power unit quantity: 2-6
 Max moving distance at horizontal direction of drilling head: 120mm
 Moving distance at vertical direction: 150mm
 Worktable size(L × W): 300 × 220mm
 Drilling head feeding travel: 125mm
 Feeding pressure: 0.5 ~ 0.8MPa
 Max processing profile section size: 250 × 250mm
 Overall dimension: 5500 × 1100 × 1800mm

LW-CNC-100 CNC Profiles Bending Machine

The machine is mainly used for bending metal materials such as Iron, copper, aluminum and special-shaped material.



Equipment Advantages

- The machine is mainly used for bending metal materials such as Iron, copper, aluminum and special-shaped material. It's an ideal equipment of bending process for furniture manufacturers, wrought iron engineering manufacturers, aluminum doors and windows manufacturers, decorative steel structure enterprise.
- The machine adopts CNC controller, which make the machine features easy handling and high precision.
- Using CNC software, makes the bending operation very simple.
- Can bend many shapes such as C shape, U shape, whole circle and spring etc..
- Capable of detecting material rebound data, eliminate rebound.

Technical Parameter

Input voltage: 380V/50HZ
 Input power: 5.5 Kw
 Min. diameter of Bending: 450mm
 Max. diameter of Rolls: 200mm
 Pressure: 150/200/400KN
 Roller-holding shaft diameter: 40mm
 Rotation speed of shaft: 1~14r/min
 Positioning precision: 0.05mm
 Top roll stroke: 280mm
 Overall dimension: 1800 × 1200 × 1400mm

LYA6-50

Six-Station Punching Machine

Used for installation of aluminum alloy windows and doors and the punching processing of aluminum profiles.

LYA-16

Hardware Punching Machine

Used for hardware punching of installation slot of aluminum windows and doors.

LBY-80

Punching Machine

Mainly used for aluminum alloy, plastic profile of the blind hole.

LYA-30

Punching Machine for Aluminum

Applied to punching processing of single modes and combination modes.

LW-100

Bending Machine for Aluminum

The machine is mainly used for bending for metal materials such as Iron, copper and aluminum and special-shaped material.

LYA-90

Two-column Punching Machine

Applied to punching processing of single modes and combination modes.



Equipment Advantages

- Used for installation of aluminum alloy windows and doors and the punching processing of aluminum profiles.
- Punching process, by changing processing position, various types profiles can be processed.
- Adopt disk worktable is equipped with six sets of dies. Each die is used at any time by the worktable rotating, which greatly increased the production efficiency.

Technical Parameter

Power supply: 380V 50Hz
Motor power: 1.5Kw
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: 250 × 200 × 215mm
Overall dimension: 900 × 950 × 1420mm

Equipment Advantages

- This machine is used for the punching of bores of aluminum doors and windows smoothly and efficiently.
- Controlled by the pneumatic pedal and works steadily.
- Used for hardware punching of installation slot of aluminum windows and doors.

Technical Parameter

Punch pressure: 16KN
Workers: 4-station
Punch journey: 30mm
Die contour dimension: 340 × 240 × 500mm
Air consumption pressure: 0.6~0.8MPa
Overall dimension: 600 × 480 × 1320mm

Equipment Advantages

- Mainly used for aluminum alloy, plastic profile of the blind hole.
- Adjustable hole spacing, replacement of manual marking and pistol drill single hole and other complex processes.
- Improve the working efficiency of machining quality and multiple.
- Can be punched 800 square meters a day or so, greatly reduce the labor intensity of workers, reduce production costs.

Technical Parameter

Power supply: 380V 50Hz
Motor power: 3.0Kw
Capability of oil box: 60L
Press nominal pressure: 80KN
Closing height: 160~200mm
Punching travel: 10~50mm
Overall dimension: 650 × 750 × 1700mm

Equipment Advantages

- Used for punching process in the manufacture of aluminum window and door.
- double-position rolling bending axle bearing.

Technical Parameter

Motor power: 1.1Kw
Motor rotary speed: 930r/min
Press nominal pressure: 30KN
Closing height: 165 mm
Punching travel: 30mm
Die contour dimension: 495 × 200 × 165mm
Overall dimension: 750 × 500 × 1285 mm

Equipment Advantages

- Circular aluminum windows and doors bending round special equipment.
- Adopts manual feeding method, convenient operation, flexible.

Technical Parameter

Power supply: 380V 50Hz
Motor power: 1.1Kw
Roller diameter: 120mm
Roller diameter: 45mm
Min bending diameter: 450~800mm
Max bending section: 100 × 25mm
Overall dimension: 610 × 610 × 1200mm

Equipment Advantages

- Used for all kinds of punching process.
- Every combination punching die equipped with the machine can achieve various punching process, by changing processing position, Each die be used at any time by the worktable rotating, which greatly increased the production efficiency.

Technical Parameter

Input power: 2.2Kw
Power supply: 380V/50Hz
Rated pressure: 12MPa
Capability of oil box: 50L
Press nominal pressure: 80KN
Overall dimension: 1600 × 750 × 1500mm

GRKC-02 Knurling and Strip-inserting Machine

It's used for knurling notch of profiles.



Equipment Advantages

- It's used for knurling notch of profiles.
- It is pivotal machine for improving shearing insulated strip and aluminum combination profile. Adopts good quality cemented carbide alloy cutter to open notch of profile. It's main machine for processing thermal break for aluminum profiles.
- It's used for inserting strip into relevant notch of profiles.
- It adopts special gear wheel four drive. Through guide path to put two pieces insulated strip into slot. Work speed can be regulated. It has features of easy operation and high work efficiency. Ensure low abrasion of strip in order to keep stable shearing.

Technical Parameter

Power supply: 380V 50Hz
 Motor power: 0.75Kw × 2
 Work speed: 0-70m/min
 Profile size: 220 × 250mm
 Diameter of roller wheel: φ 90mm

The adjusting range of the hobbing cutter:
 vertical 180/ horizontal 6 ~ 180mm
 Support when high and low hobbing cutter:
 0-20mm
 Overall dimension: 1000 × 1100 × 1550mm

GRFH-02 Hydraulic Pressure Machine

Rolling machine is used for rolling profiles, which has inserted strip. It's the most important machine.



Equipment Advantages

- Rolling machine is used for rolling profiles, which has inserted strip. It's the most important machine.
- It has three-group, six roller wheels. It will press out notch of aluminum profile, which has inserted strip. In order to insure connecting intensity of profile.
- Adopts three-group high precision digital technique to inspect in order to measure pressure of every group. Roller wheel of every group can be regulated up and down (0-150mm), two roller wheel of each group can be regulated (0-100mm), the whole machine can be regulated (0-130mm), profile supporter can be regulated solely (0-80mm).

Technical Parameter

Power supply: 380V 50Hz
 Motor power: 5.15Kw
 Work speed: 0-70m/min
 Profile size: 280 × 280mm

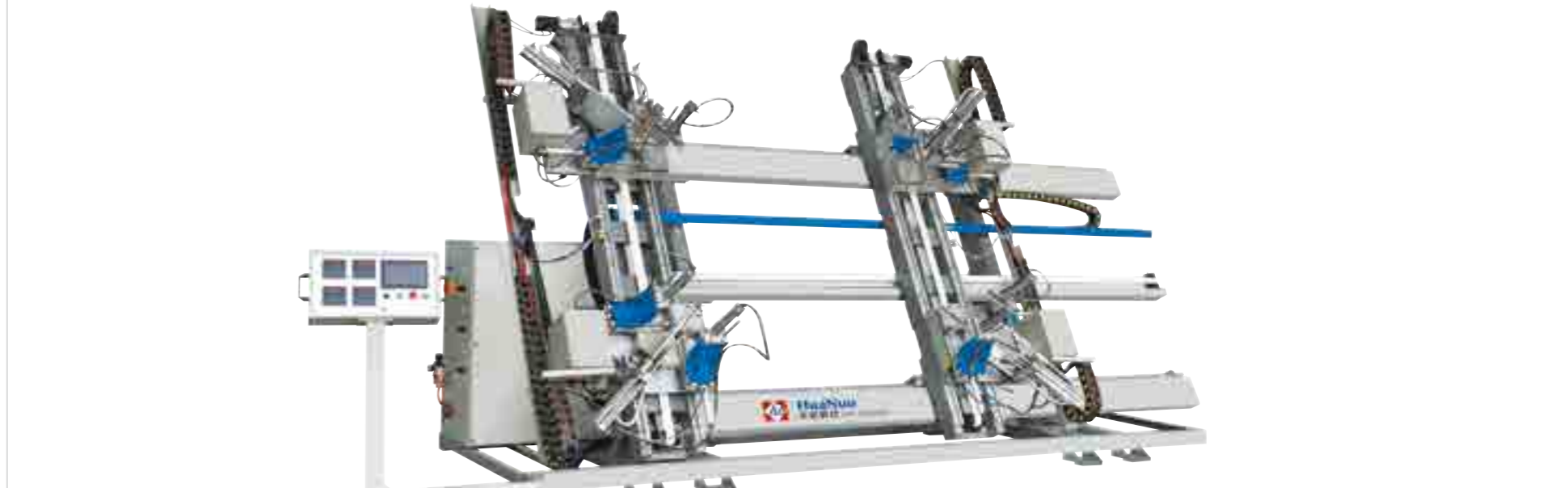
Diameter of roller wheel: φ 230mm
 Auxiliary frame: W500 × L5500mm
 Overall dimension: 1600 × 1100 × 1600mm

SHP4-CNC-3000×1800×120 CNC UPVC Window 4-corner Welding Machine

One working cycle, one frame, Imported computer control system, for high precise welding, easy operation and high stability.



SHP4-3000×1800×120 UPVC Window 4-corner Welding Machine



Equipment Advantages

- One working cycle can finish a whole rectangle frame welding.
- Imported CNC system, for high precise welding, easy operation and durable.
- Common profile welding fixture along with the machine can meet various profiles' processing requirement. Special profile fixture is easy to change,
- Imported linear bearing system kept the running stable.
- Special "Know - How" keep the high corner strength.
- Size tolerance compensation is available to increase welding precision.



Technical Parameter

Air pressure: 0.4 ~ 0.6MPa
 Air consumption: 200L/min
 Input voltage: 380V/220V, 50Hz
 Input power: 10Kw
 Welding height: 24 ~ 160mm
 Welding width(max): 130mm
 Welding range: 300 × 300 ~ 1800 × 3000mm
 Overall dimension: 5500 × 1700 × 3000mm

WFH-4-5MD UPVC Window 4-head Seamless Welding Machine

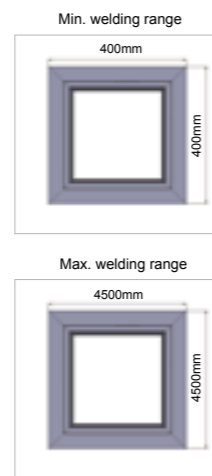


Used for welding colourful profile, can clean all the corner at one time and can control the size of welding seam.



Equipment Advantages

- This machine is suitable for welding colourful profile (film laminated, color co-extrusion, painting profiles etc).
- It can clean all the welding corner top and bottom surface at one time and can control the size of welding seam, so make the corner good-looking, top grade, and the welding strength is higher than the common model.
- Strengthen the corner of welding through control the pneumatic system especially in the melting process, to ensure the welding corner strength is the best.



Technical Parameter

Air pressure: 0.5 ~ 0.8MPa
Air consumption: 260L/min
Input voltage: 220V 50Hz
Input power: 4.5Kw
Welding height: 20 ~ 120mm
Welding range: 400 ~ 4500mm
Overall dimension: 5300 × 1100 × 1700mm

WFH-3-4MD UPVC Window 3-head Seamless Welding Machine



Used for welding colourful profile, can clean all the corner at one time and can control the size of welding seam.



Equipment Advantages

- This machine is suitable for welding colourful profile (film laminated, color co-extrusion, painting profiles etc).
- It can clean all the welding corner top and bottom surface at one time and can control the size of welding seam, so make the corner good-looking, top grade, and the welding strength is higher than the common model.
- Strengthen the corner of welding through control the pneumatic system especially in the melting process, to ensure the welding corner strength is the best.



Technical Parameter

Air pressure: 0.4 ~ 0.6MPa
Air consumption: 200L/min
Input voltage: 220V 50Hz
Input power: 3.5Kw
Welding height: 20 ~ 120mm
Welding range: 400 ~ 3500mm
Overall dimension: 4300 × 1100 × 1700mm

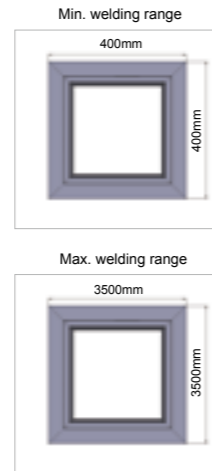
WFH-2-4MD UPVC Window 2-head Seamless Welding Machine

Used for welding colourful profile, can clean all the corner at one time and can control the size of welding seam.



Equipment Advantages

- This machine is suitable for welding colourful profile (film laminated, color co-extrusion, painting profiles etc).
- It can clean all the welding corner top and bottom surface at one time and can control the size of welding seam, so make the corner good-looking, top grade, and the welding strength is higher than the common model.
- Strengthen the corner of welding through control the pneumatic system especially in the melting process, to ensure the welding corner strength is the best.

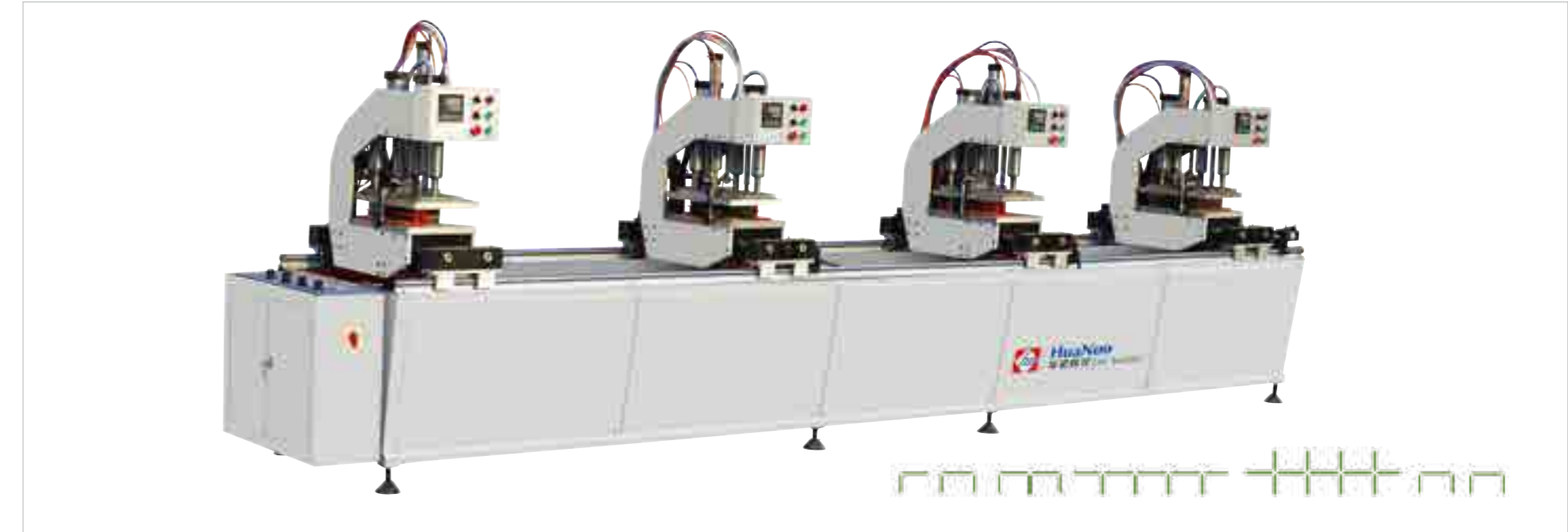


Technical Parameter

Air pressure: 0.4 ~ 0.6MPa
Air consumption: 150L/min
Input voltage: 220V 50Hz
Input power: 2.5Kw
Welding height: 20 ~ 120mm
Welding range: 400 ~ 3500mm
Overall dimension: 4300 × 1100 × 1700mm

SHJ4Y-120×4500 UPVC Window 4-head Welding Machine

Used for Welding Machine for PVC Win-door, four head can work separately or linkage.



Equipment Advantages

- Linear guidway features more precise
- The welding heads can work individually or together.
- Locating plate can slide along guide, increasing locating precision.
- Easy-change for special fixture, increase corner strength and cleaning appearance.
- PLC control the welding action/program, high reliability.
- Variable angle welding fixture is available at the right head.

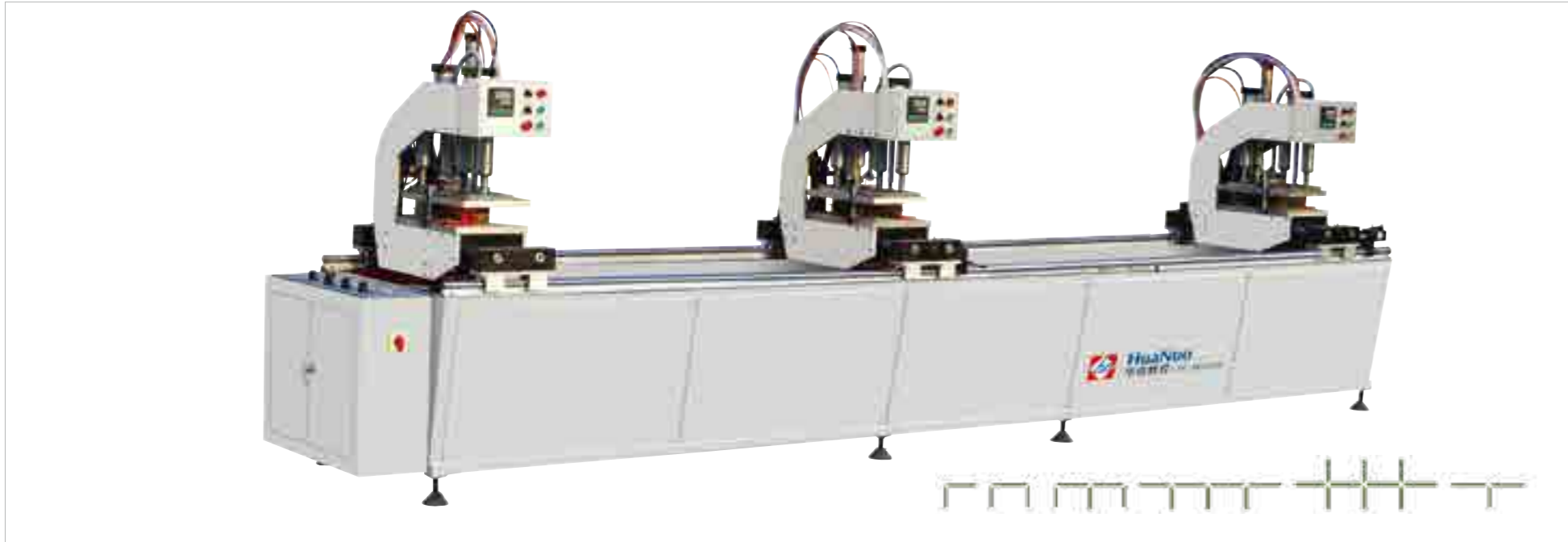


Technical Parameter

Air pressure: 0.4 ~ 0.6MPa
Air consumption: 200L/min
Input voltage: 220V 50Hz
Input power: 4.5Kw
Welding height: 20 ~ 120mm
Welding Width: 120mm
Welding range: 400 ~ 4500mm
Overall dimension: 5400 × 1100 × 1700mm

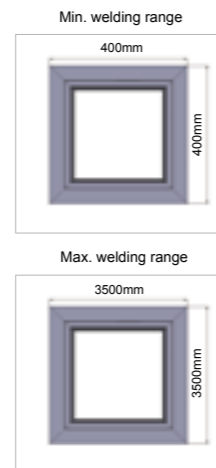
SHJ3Y-120×3500 UPVC Window 3-head Welding Machine

Used for Welding Machine for PVC Win-door, four head can work separately or linkage.



Equipment Advantages

- Linear guidway features more precise
- The welding heads can work individually or together.
- Locating plate can slide along guide, increasing locating precision.
- Easy-change for special fixture, increase corner strength and cleaning appearance.
- PLC control the welding action/program, high reliability.
- Variable angle welding fixture is available at the right head.

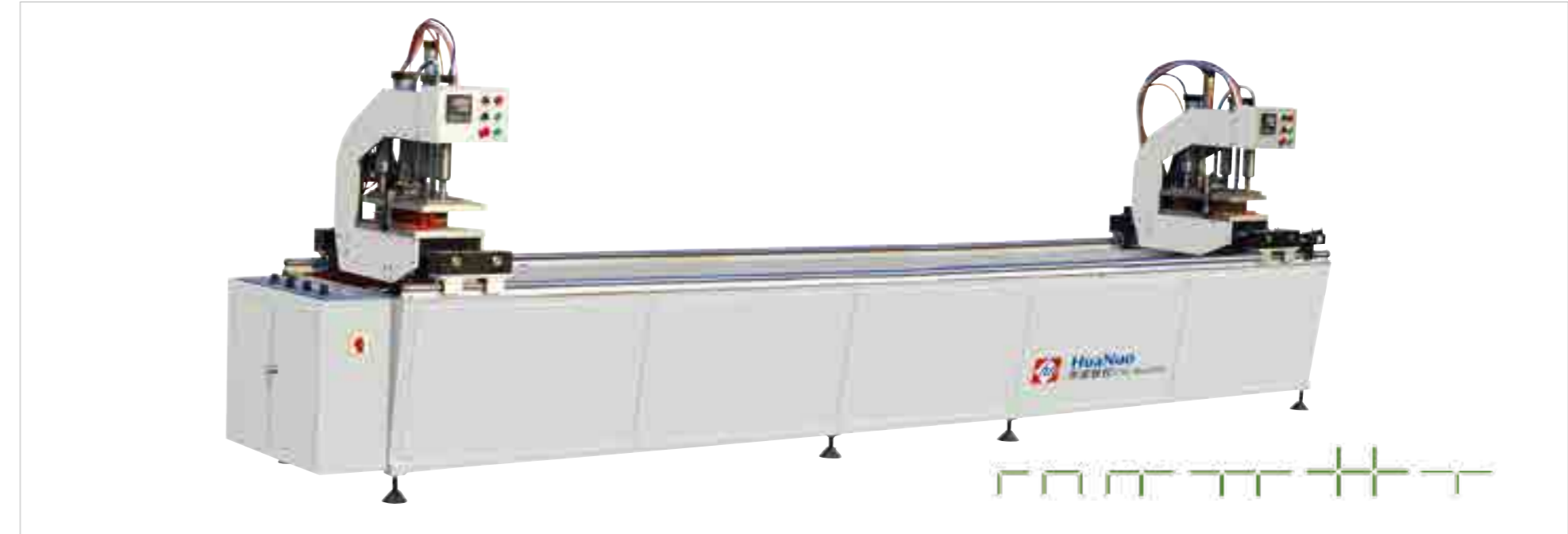


Technical Parameter

Air pressure: 0.4 ~ 0.6MPa
Air consumption: 150L/min
Input voltage: 220V 50Hz
Input power: 3.5Kw
Welding height: 20 ~ 120mm
Welding width: 120mm
Welding range: 400 ~ 3500mm
Overall dimension: 4400 × 1100 × 1700mm

SHJ2Y-120×3500 UPVC Window 2-head Welding Machine

Used for Welding Machine for PVC Win-door, four head can work separately or linkage.



Equipment Advantages

- Linear guidway features more precise
- The welding heads can work individually or together.
- Locating plate can slide along guide, increasing locating precision.
- Easy-change for special fixture, increase corner strength and cleaning appearance.
- PLC control the welding action/program, high reliability.
- Variable angle welding fixture is available at the right head.



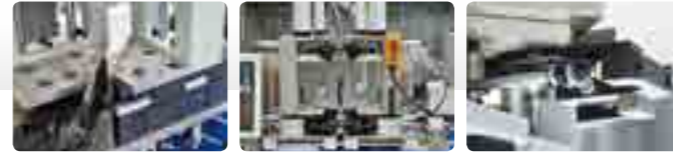
Technical Parameter

Air pressure: 0.4 ~ 0.6MPa
Air consumption: 100L/min
Input voltage: 220V 50Hz
Input power: 2.5Kw
Welding height: 20 ~ 120mm
Welding width: 120mm
Welding range: 400 ~ 3500mm
Overall dimension: 4400 × 1100 × 1700mm

SHZ2HB-260×4500

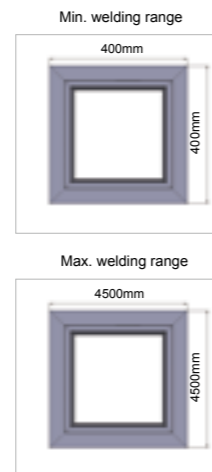
UPVC Window 2-head Seamless & Common Welding Machine

Used for common profile and color profile welding, two types welding (2mm common welding and 0.2mm seamless welding) are selectable by a switch.



Equipment Advantages

- Used for common profile and color profile welding.
- Two types welding (2mm common welding and 0.2mm seamless welding) are selectable by a switch.
- Short time for profile heating and welding, increase the efficiency.
- The max. welding height reach to 240mm, and two pieces profiles welding (less than 120mm) at one time is available by change the double layer profile fixture.
- All motion pair adopted linear bearing guide system, increased processing precision.
- Adjustable positioning distance, heating distance and feeding distance, ensured the optimal welding quality.
- Special profile fixture is easy to change, for high corner strength and later good cleaning effect.
- Compact machine structure, convenient for adjusting, operating and repairing.



Technical Parameter

Air pressure: 0.4 ~ 0.6MPa
 Air consumption: 200L/min
 Input voltage: 220V 50Hz
 Input power: 4.5Kw
 Welding height: 20 ~ 240mm
 Welding width: 120mm
 Welding range: 400 ~ 4500mm
 Overall dimension: 5400 × 1100 × 1700mm

SH01

Variable Angle Welding Machine

Used for PVC profile 30°~180°welding available.



Equipment Advantages

- 30° ~180° welding available.
- PLC control the welding program.
- Especially for arc window and special angle window.

Technical Parameter

Operation air pressure: 0.5 ~ 0.8MPa
 Air consumption: 50L/min
 Input voltage: 220V 50Hz
 Input power: 1.5Kw
 Welding height: 25 ~ 120mm
 Welding width: 230mm
 Overall dimension: 960 × 900 × 1460mm
 Weight: 260kg

SHZ01-100

Single Head Welding Machine

Used for PVC profile 90° welding available.



Equipment Advantages

- Can complete T forms of welding.
- The process parameters continuously adjustable.
- It adopts PC computer control, pneumatic transmission, the operation is simple and convenient.

Technical Parameter

Operation air pressure: 0.5 ~ 0.8MPa
 Air consumption: 50L/min
 Input voltage: 220V 50Hz
 Input power: 1.2Kw
 Welding height: 25 ~ 100/120mm
 Welding width: 120mm
 Overall dimension: 760 × 690 × 1700mm
 Weight: 260kg



WFH01 Single Head Seamless Welding Machine

This machine is used for welding colorful profiles.



LJB-350 Single Head Cutting Saw

Used for processing the aluminum and PVC profiles at angles of -45° , 90° , 45° .



SJZ2-400×3500 Double-head Cutting Saw for UPVC Profile

This machine is used for processing plastic profiles at angles of 45° , 90° .



Equipment Advantages

- This machine is used for welding colorful profiles, and can clean weldingslag in one time, Welding without showing the bottom color, is upscale beautiful.
- Co-extrusion tool adopt aluminum alloy material, it's precisely processed with high-frequency quenching, realize a high degree of standardization for the tool, support tool swap.
- Equiped with the automatic blowing system, can improve work efficiency, and thus thoroughly Remove the welding slag.
- Moving parts such as soldering block use square linear rail, high locating accuracy, make standard size of welding.

Technical Parameter

Operation air pressure: 0.4 ~ 0.6MPa	Welding height: 20 ~ 120mm
Air consumption: 50L/min	Welding width: 230mm
Input voltage: 220V 50Hz	Overall dimension: 960 × 900 × 1460mm
Input power: 1.5Kw	Weight: 300kg

Equipment Advantages

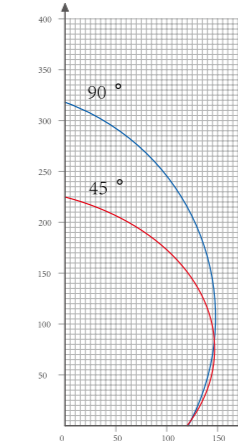
- This machine is mainly used for upvc profiles cutting.
- It is easily operating and maintenance.
- The saw is made of hard alloy with high efficiency.

Technical Parameter

Air pressure: 0.5 ~ 0.8MPa	Cutting width: 200mm
Input voltage: 380V/50HZ	Saw blade specification: $\phi 350 \times \phi 30$ mm
Input power: 1.1Kw	Cutting angle: $+45^{\circ} \sim 157.5^{\circ}$
Spindle rotary speed: 2800r/min	Overall dimension: 800 × 1310 × 1700mm
Cutting height: 100mm	

Equipment Advantages

- This machine is used for processing plastic profiles at angles of 45° , 90° .
- The swaying stable feeder is adopted.
- The pneumatic driving system is used in profiles clamping and cutting.
- It has the features of easy operation and high accuracy.
- The circular vail with linear dearing is optional.



Technical Parameter

Air pressure: 0.5 ~ 0.8MPa
 Air consumption: 100L/min
 Input voltage: 380V/50HZ
 Input power: 2 × 1.5Kw
 Spindle rotary speed: 2800r/min
 Cutting width: 100mm
 Saw blade specification: $\phi 400 \times \phi 30$ mm
 Cutting length: 450 ~ 3500mm
 Overall dimension: 4000 × 1000 × 1450mm

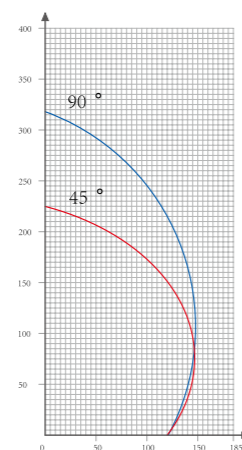
SJZ2-350×3500 Double Head Cutting Saw for PVC Profile

Used for processing the aluminum and PVC profiles at angles of -45° , 90° , 45° .



Equipment Advantages

- For 45° ~ 90° cutting.
- Cutting limitation adjustable.
- Saw blade swing up to down.
- Convenient operation.
- Digital measurement display system are optional.



Technical Parameter

Air pressure: 0.5 ~ 0.8MPa
 Air consumption: 100L/min
 Input voltage: 380V/50HZ
 Input power: 2×1.1 Kw
 Spindle rotary speed: 2800r/min
 Cutting height: 100mm
 Cutting width: 200mm
 Cutting Length: 290 ~ 3500mm
 Overall dimension: 4000 × 1120 × 1450mm

SVJ-45 UPVC Window Mullion Profiles cutting Machine

This machine is used for mullion cutting of plastic door window.



Equipment Advantages

- This machine is used for mullion cutting of uPVC doors and windows.
- Two cutting blades are in the space of 90 degree layout, a clamp is installed at the same time to complete two V-shaped cutting head, with high cutting precision and high productivity.
- Horizontal structure for high cutting precision.
- Special clamping device, no pop material.

Technical Parameter

Air pressure: 0.4 ~ 0.6MPa
 Air consumption: 80L/min
 Input voltage: 380V/50Hz
 Input power: 2×0.75 Kw
 Spindle rotary speed: 2800r/min
 Cutting height: 110mm
 Cutting width: 120mm
 Cutting length: 300 ~ 1600mm
 Overall dimension: 1900 × 700 × 1350mm

SVJ-60 UPVC Window V-notch Cutting Saw

Used for 90° V-shaped groove cutting of aluminum and PVC profile.



SYJW-1800 Glazing Bead Saw for UPVC Profile

Used for 45° glass batten cutting of aluminum and PVC profile.



Equipment Advantages

- For 90° V-notch cutting.
- Pneumatic driving, easy operation.
- Smoothly feeding and high cutting precision.
- Cutting depth is adjustable.

Technical Parameter

Air pressure: 0.4~0.6MPa	Depth cutting: 20~60mm
Air consumption: 80L/min	Cutting width: 120mm
Input voltage: 380V/50HZ	Cutting length: 300~1600mm
Input power: 2 × 0.75Kw	Overall dimension: 1300 × 700 × 1350mm
Spindle rotary speed: 2800r/min	

Equipment Advantages

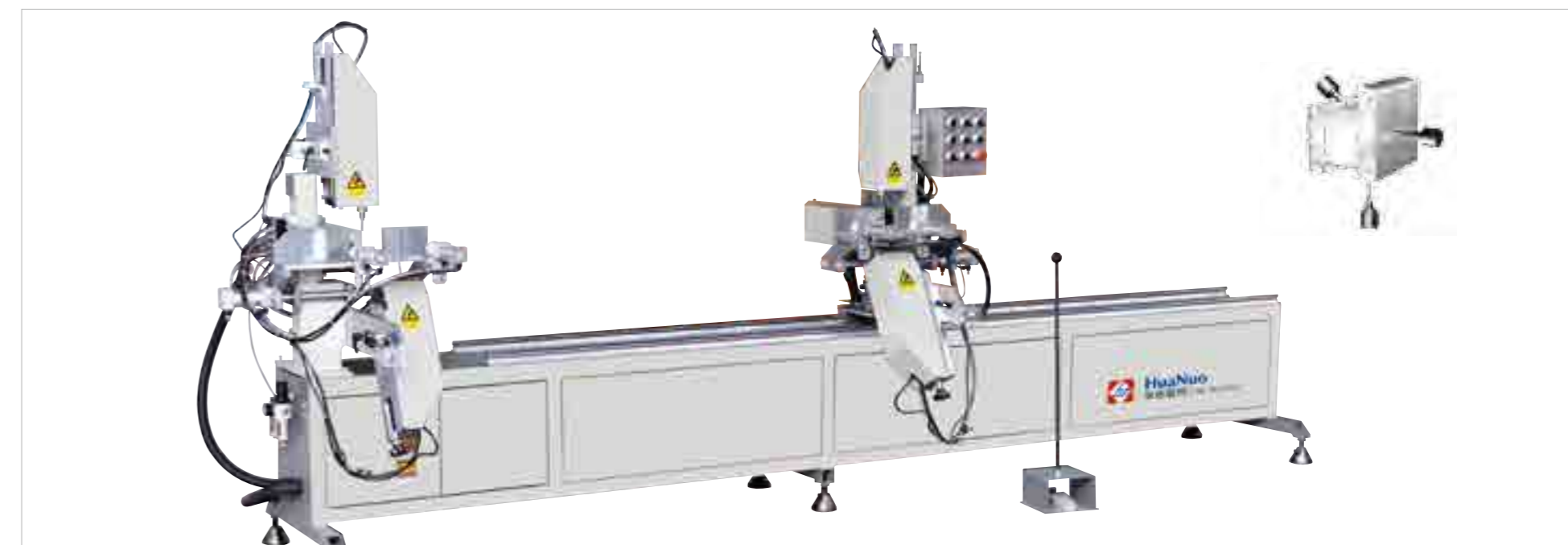
- Used for 45 degree glazing bead cutting.
- Equipped with universal modeling.
- one time two pieces of glazing bead cutting.
- Easy operation of pneumatic driving.
- Horizontal structure for stable operation.

Technical Parameter

Air pressure: 0.5~0.8MPa	Depth cutting: 29mm
Air consumption: 20L/min	Cutting width: 120mm
Input voltage: 380V/50HZ	Cutting length: 320~1800mm
Input power: 2 × 0.75Kw	Overall dimension: 1300 × 700 × 1350mm
Spindle rotary speed: 2800r/min	

LXCZ2 Double Head 3-axis Water Slot Milling Machine

Used for Milling all kinds of water slots and air pressure balance grooves,two three-axis milling heads.



Equipment Advantages

- Milling all kinds of water slots and air pressure balance grooves.
- Two three-axis milling heads layout along the machine.
- One time clamp, two ends water slot processing.
- High efficiency, suitable for mass production.
- Special feeding system, need no special maintenance, high milling quality.
- Convenient adjustment for the cutter location to meet different kinds of profiles.
- Water slot milling length adjustable within 100mm, wide adaptability.
- Adopt linear bearing motion to ensure the processing precision.

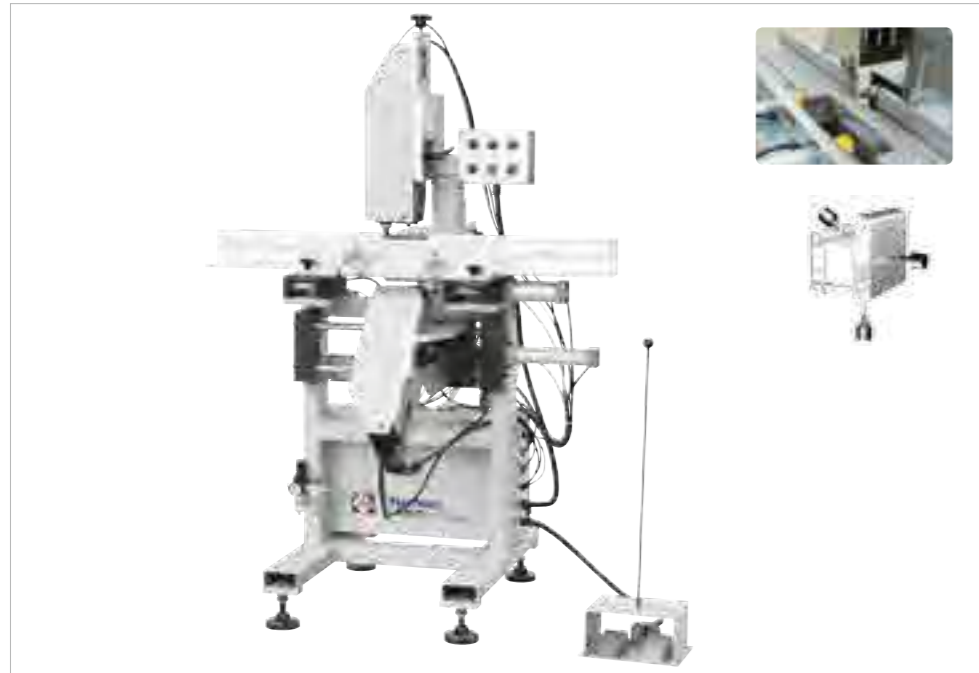
Technical Parameter

Input voltage: 220V/50Hz
Input power: 2.28Kw
Air pressure: 0.5~0.8MPa
Air consumption: 50L/min
Main-shaft revolution: 25000r/min
Cutter diameter: φ5 φ4mm
Slot depth: 30mm
Slot length: 0~60mm
Overall dimension: 4300×1450×1650mm

SCM03

3-axis Water Slot Milling Machine

Milling all kinds of water slots and air pressure balance groove.



Equipment Advantages

- Milling all kinds of water slots and air pressure balance groove.
- Full design with high rigidity, processing beautiful water slot.
- Automatic cutter changer on the under head, one time clamp to finish water slots processing.
- High efficiency, suitable for mass production.
- Special feeding system, need no special maintenance, high milling quality.
- Water slot milling length adjustable within 100mm.

Technical Parameter

Input Voltage: 220V/50Hz
 Input Power: 0.38Kw × 3
 Air Pressure: 0.5~0.8MPa
 Air Consumption: 30L/min
 Main-shaft revolution: 25000r/min
 Cutter diameter: φ5 φ8mm
 Slot length: 0~100mm
 Overall dimension: 1200 × 1200 × 1800mm

SCX03

3-axis Water Slot Milling Machine

Used for milling all kinds of water slots and air pressure balance grooves.



Equipment Advantages

- Used for milling all kinds of water slots and air pressure balance grooves.
- Special feeding system, need no special maintenance, high milling quality.
- The length of milling water slot within 60mm is adjustable and its range is wide.
- Three milling heads can work together to meet various processing requirement.

Technical Parameter

Input voltage: 220V/50Hz
 Input power: 0.38Kw × 3
 Air pressure: 0.5~0.8MPa
 Air consumption: 15L/min
 Main-shaft revolution: 25000r/min
 Cutter diameter: φ5 φ4mm
 Slot depth: 30mm
 Slot length: 30~60mm
 Overall dimension: 1925 × 750 × 1600mm

SCX02

2-axis Water Slot Milling Machine

Used for milling all kinds of water slots and air pressure balance grooves.



Equipment Advantages

- Used for milling all kinds of water slots and air pressure balance grooves.
- Special feeding system, need no special maintenance, high milling quality.
- The length of milling water slot within 60mm is adjustable and its usage range is wide.
- Two milling heads can work together to meet various processing requirement.

Technical Parameter

Input voltage: 220V/50Hz
 Input power: 0.38Kw × 2
 Air pressure: 0.5~0.8MPa
 Air consumption: 15L/min
 Main-shaft revolution: 25000r/min
 Cutter diameter: φ5 φ4mm
 Slot depth: 30mm
 Slot length: 30~60mm
 Overall dimension: 1925 × 750 × 1600mm

SXD-80

End-milling Machine

Used for mullion end surface milling, surface for screwing connection type.



Equipment Advantages

- Used for all kinds of profiles end milling.
- Super precision main shaft insures accurate and steady processing.
- Manually feeding the end milling cutter.
- Convenient operation and high efficiency.

Technical Parameter

Power supply: 220V 50HZ
 Motor power: 0.75Kw
 Working air pressure: 0.5~0.8MPa
 Motor rotary speed: 2800r/min
 Dimension: 700×580×1540mm

SFX01-160

Interlock Profile Milling Machine

Used for milling various uPVC interlock profiles of sliding windows and doors.



Equipment Advantages

- Milling various uPVC interlock profiles of sliding windows and doors.
- Two milling cutters for rectangle notch and aluminium guide profile notch.
- Adjustable profile leading plate, only need to set the locating width when process different profiles.

Technical Parameter

Input voltage: 220V/50Hz
 Input power: 0.75Kw
 Main-shaft revolution: 2800r/min
 Overall dimension: 530 × 530 × 1100mm

SQJA-CNC-120 (3/5/6 Knives) UPVC Window CNC Corner Cleaning Machine



Used for cleaning the up/botton surface and the external conner.



Equipment Advantages

- For cleaning 90 degree welding corner.
- High processing precision due to size error compensation function.
- Famous brand of servo-drive system, CNC system, solenoid valve, air treatment unit and so on ensure reliable performance and long using life.
- Can store 100+ programs for different profiles processing.
- Can clean regular and arch shape profiles.
- Two axes CNC system. total equipped with 5 blades, makes it can clean up/bottom surface, external corner, internal corner, gasket groove etc.

Technical Parameter

Input voltage: 380V/50HZ
 Input power: 1.5Kw
 Milling cutter rotate speed: 2800r/min
 Air pressure: 0.4~0.7MPa
 Air consumption: 80L/min
 Profile height: 20~150mm
 Profile width: 20~100mm
 Drawing groove width: 3mm
 Drawing groove depth: 0.3mm
 Overall dimension: 1600×880×1650mm

SQJ01-120 UPVC Window Corner Cleaning Machine

Cleaning the up/bottom surface and the external corner.



Equipment Advantages

- Cleaning the up/bottom surface and the external corner.
- Special cutter need to be made according to different profiles to clean the external corner.
- Need change the external cutter to clean different profiles.

Technical Parameter

Input voltage: 220V/50HZ
 Input power: 1.1Kw
 Milling cutter rotate speed: 2800r/min
 Air pressure: 0.5~0.8MPa
 Air consumption: 15L/min
 Profile height: 20~120mm
 Profile width: 20~120mm
 Overall dimension: 1050×670×1370mm

SQJ05-120 V-corner Cleaning Machine

Special for mullion V-shaped welding and cross welding cleaning.



Equipment Advantages

- Special for V-welding and cross welding corner cleaning.
- Special centering device for easy adjusting.
- Reliable clamping and high processing quality.
- Totally equipped with 4 blades.

Technical Parameter

Air pressure: 0.5~0.8MPa
 Air consumption: 80L/min
 Profile height: 15~120mm
 Profile width: 25~120mm
 Overall dimension: 1050×670×1370mm

SQJ06-120 Corner Cleaning Machine

Cleaning the 90° corner of frame or sash (only for up/bottom surface).



Equipment Advantages

- Cleaning the 90° corner of frame or sash (only for up/bottom surface).
- High processing quality.
- Easy operation, high efficiency.

Technical Parameter

Air pressure: 0.5~0.8MPa
Air consumption: 15L/min
Profile height: 40~120mm
Profile width: 40~120mm
Overall dimension: 860×650×1120mm

MP-120
Portable Corner Cleaning Machine



SYH01-1800 UPVC Profiles Bending Machine

Mainly composed of curve forming worktable, heating oil groove and forming strips etc.



Equipment Advantages

- For uPVC profile bending.
- Mainly consist of worktable, heating tank and shaping belt.
- Adopt oil heating agent, which can make the profile be heated easily.
- Through special shaping belt, the machine can bend diameter from 650 to 1800mm.

Technical Parameter

Input voltage: 380V/50Hz
Input power: 8Kw
Overall dimension: 4500×2800×800mm

MN-01
Internal Corner Cleaning Machine



MW-01
External Corner Cleaning Machine



SGJ4-100 Automatic Screw Fastening Machine

Complete fastening of UPVC profile and reinforcement profiles without drilling holes.



Equipment Advantages

- Four head a fastening screws.
- Screw fastening depth can be convenient to adjust.
- On a high efficiency.
- Save three to five artificial, greatly reduce the cost and improve efficiency.
- On process fully automatic, simple operation.
- Suitable for all kinds of enterprises need.

Technical Parameter

Input voltage: 220V/50HZ
Rated: 600W
Air pressure: 0.6~0.8MPa
Profile length: 300~3000mm
Profile height: 100mm

Profile width: 120mm
Screw diameter: 3.0-4.5mm
Screw length: 13-19 mm
Overall dimension: 32mm
Overall dimension: 1500×650×1500mm

SGJ-01 Automatic Screw Fastening Machine

Complete fastening of UPVC profile and reinforcement profiles without drilling holes.



Equipment Advantages

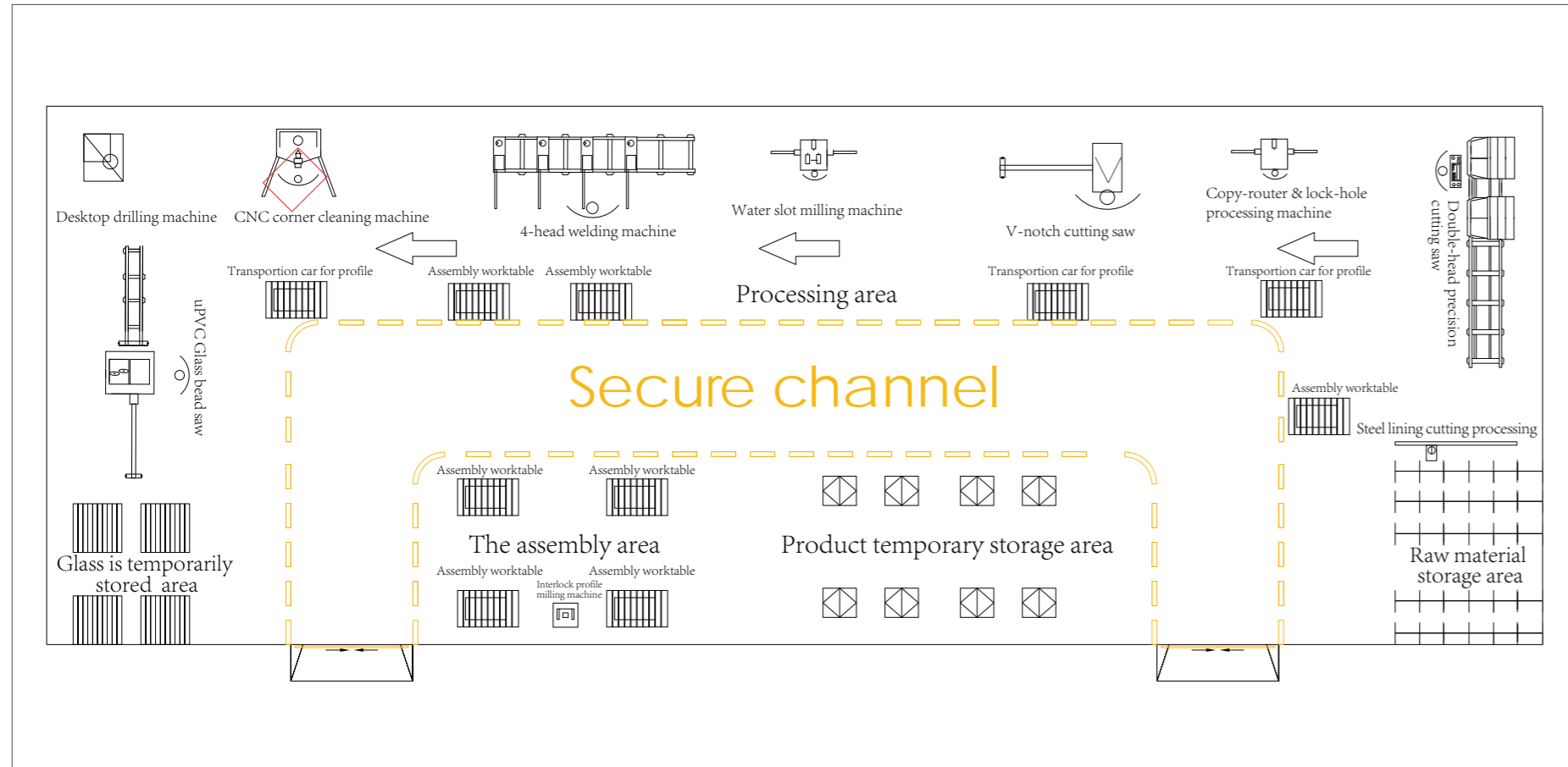
- Used for joining and fixing the reinforcement profile.
- Fix the reinforcement in PVC profiles at one time, no need of drilling the screw hole firstly.
- Produce two PVC profiles at the same time, high efficiency.
- Strong torque design fit flexible.
- Automatic screw filling system, easy operated.
- The space between the two screws can be adjusted freely.
- Reliable and steady-going.

Technical Parameter

Input voltage: 220V/50HZ
Rated: 150W
Milling cutter rotate speed: 2800r/min
Air pressure: 0.5~0.8MPa

Air consumption: 15L/min
Profile height: 30~120mm
Profile width: 20~120mm
Overall dimension: 1050×670×1370mm

UPVC Windows Process Flow and Equipment Layout



Aluminium Window Process Flow and Equipment Layout

