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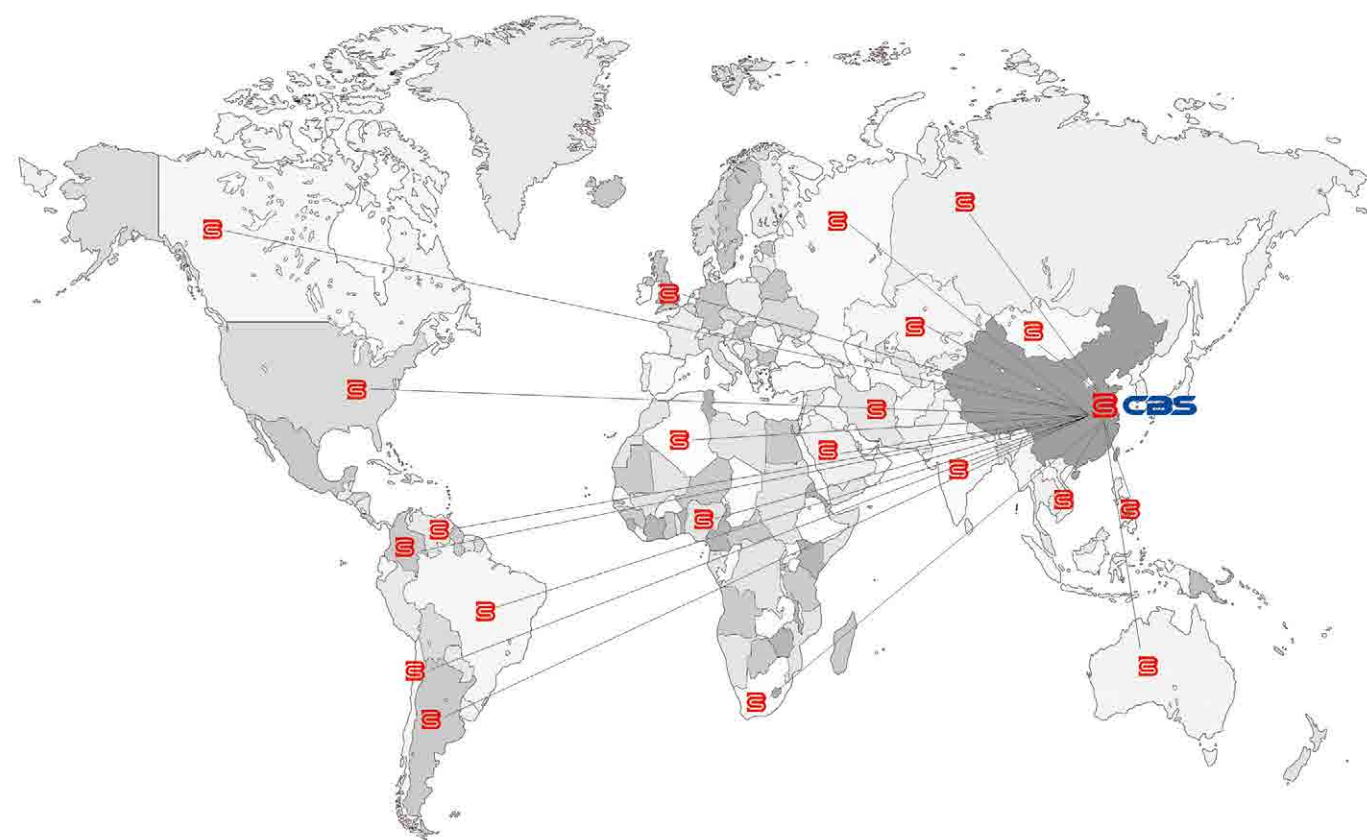
uPVC Window Making Machine

CBS Industry Company Limited

Welcome to CBS



Our mission: to create and increase the value of our customers' investment.
Our vision: to be our customers' Chinese Best Supplier.



Brief Introduction

CBS Industry Co Ltd is a dynamic and fast growing company mainly devoted to manufacturing and exporting high quality products with reasonable price to fulfill the needs of the most captious buyers. Our products range including the industries such as but not limited to uPVC window machine, aluminium windows machine, industrial aluminium profiles processing machine, insulated glass unit production line, insulated glass unit components etc.

We the employees promise to totally satisfy all of our customers by providing quality products, on time delivery and excellent service-before-sale, service-during-sale and service-after-sale. We further commit to the utilization of a continuous improvement program. We will use corrective action procedures not to just correct defects, but to improve our service exceeding our customers' expectations. This commitment will encompass our employees, management, procedures, and methods. We will also require the same commitment from our many suppliers.

With our experience and a wonderful track in the industry, we will guide you and give you the right starting for the best finish. We give appropriate technical support through every stage to achieve your mission of excellence.



SKX4J1Q

CNC uPVC Window Welding and Corner Cleaning Line



Equipment Features

- The welding and corner cleaning line is composed of CNC four-corner welding machine and CNC 90-degree and V-corner cleaning machine. After the window frame was welded by four corner welding machine, the window frame will be automatically transferred by the conveyor to corner cleaning position and start corner cleaning processing.
- The automatic line adopt touching screen operation and servo motor positioning mode, simple and precise.
- The automatic line is placed horizontally to facilitate the feeding. The square window achieves one-time welding fabrication, which ensures the precision of welding.
- The CNC corner cleaning machine is a 90 degree corner and V-corner cleaning machine. It can clean external corner, up and bottom surfaces, internal gasket groove, internal surface etc..
- The automatical conveyor of window frame saves the human labor, reduces the intensity involved in the labor and improves the efficiency.
- Easy feeding with Horizontal four-corner welding machine.
- Touching screen operating panel, easy and simple operation.
- The CNC 90-degree and V-Corner cleaning machine with different cutting tools, suitable for different profiles.

Technical Parameter

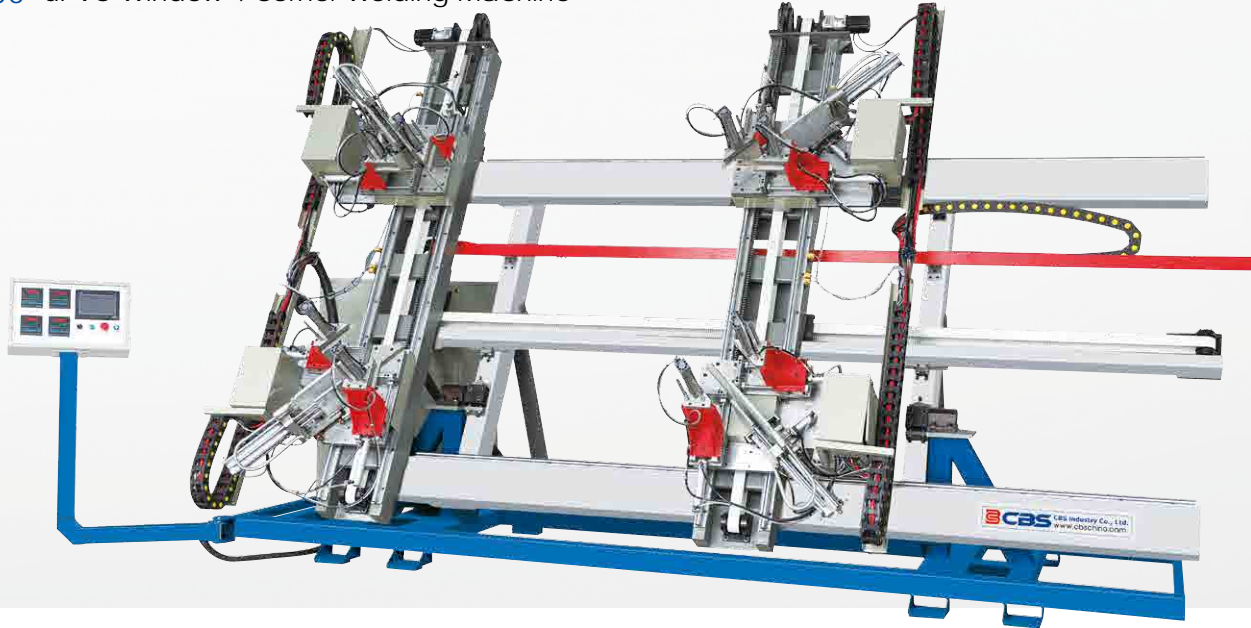
Air Pressure: 0.6 ~ 0.8MPa
Air Consumption: 300L/min
Input Voltage: 380V/220V, 50Hz
Input Power: 13.50kW
Welding Height: 30 ~ 120mm
Welding width: Max.100mm
Welding Range: Min.400 × 450mm
Max.1800 × 2500mm
Overall Dimension: 13500 × 3000 × 2500mm

WMF-1830C

CNC uPVC Window 4-corner Welding Machine

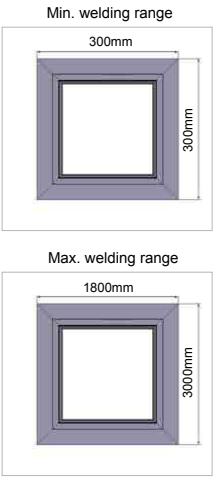


WMF-1830C uPVC Window 4-corner Welding Machine



Equipment Features

- 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.



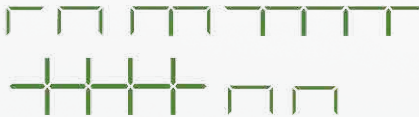
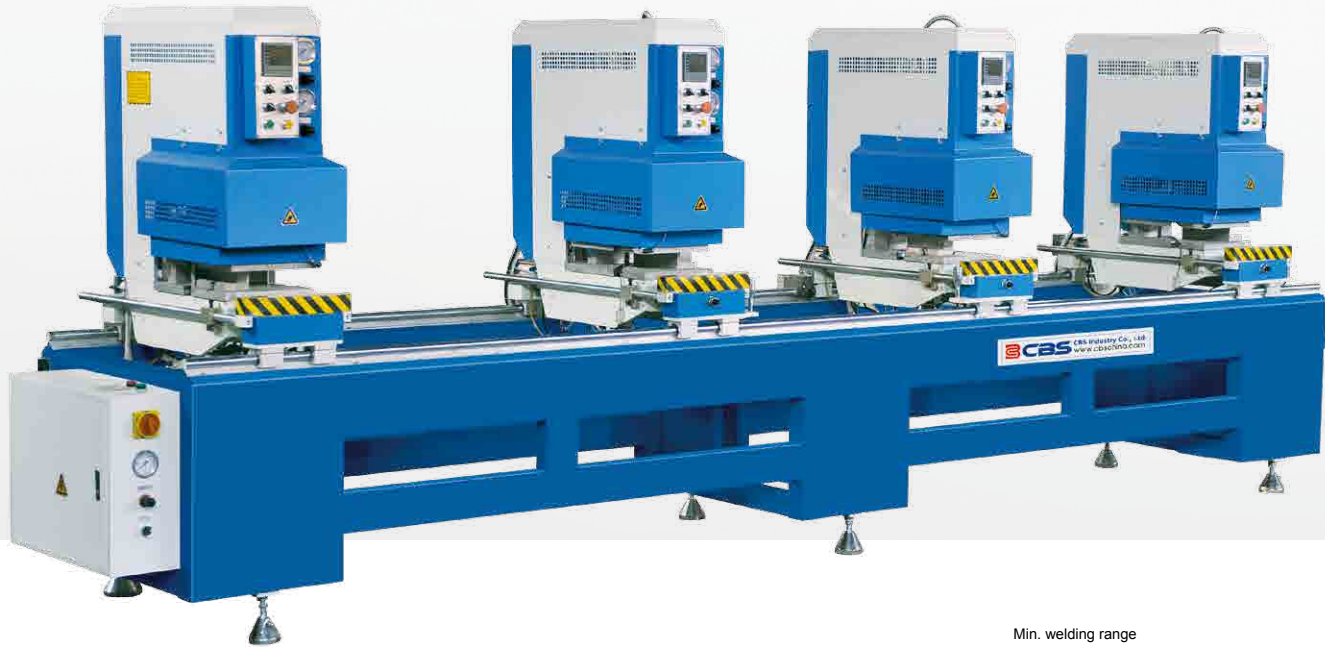
Technical Parameter

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: Min.300 × 300mm
Max.1800 × 3000mm
Overall Dimension: 5500 × 1700 × 3000mm

WMSA-412

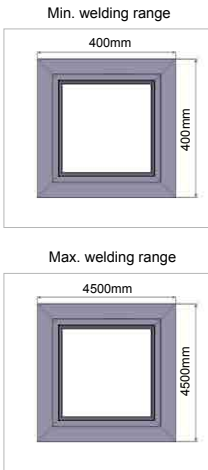
uPVC Window 4-head Seamless Welding Machine

WMSA-312 uPVC Window 3-head Seamless Welding Machine
WMSA-212 uPVC Window 2-head Seamless Welding Machine



Equipment Features

- 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.



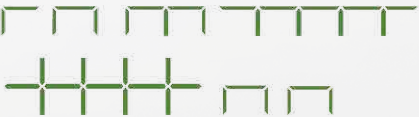
Technical Parameter

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 ~ 4500/3500mm
Overall Dimension: 5300 × 1100 × 1700mm

WMSV-412

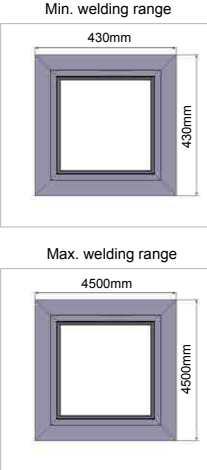
uPVC Window 4-head Seamless & Common Welding Machine

WMSV-312 uPVC Window 3-head Seamless & Common Welding Machine
WMSV-212 uPVC Window 2-head Seamless & Common Welding Machine



Equipment Features

- The most advanced machine original from Europe.
- It can be realized automatic conversion welding seam from 0.2mm to 2mm.
- High precision round guide linear motion pair and square guide linear motion pair are adopted, good rigidity of whole machine, precise parts and strictly assembling process ensures high stability.
- Electrical/pneumatic components such as cylinders, solenoid valves, PLC and low-voltage apparatus are all selected strictly, which ensures high reliability.
- Equipped with quick change device and back position plate with pneumatic feeding structure, realizes corner and V-notch welding quick change, easy operation and practicability.
- Rigid clamp structure is adopted to the profile positioning system, which could strictly guarantee welding loss and high welding accuracy.
- Heating-in position timing control system, strict conforming with the European standard, ensured high welding corner strength and small fluctuation range.
- Two-step clamping design and emergency stop-pressure release function, conforming with CE standard, ensures high safety.

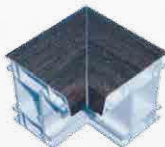


Technical Parameter

Air pressure: 0.5~0.8MPa
Air consumption: 200L/min
Power supply: 380V/50Hz
Input power: 6kW
Welding height: 20~120mm
Max. welding width: 120mm
Welding range: 430~4500/3500mm
Dimension: 5300 × 1460 × 1900mm

WMSK-220

uPVC Window 2-head Seamless & Common Welding Machine



Equipment Features

- 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

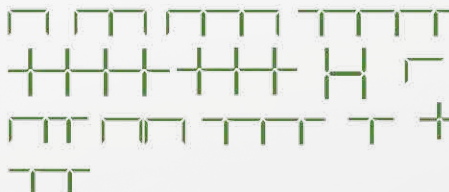
Air Pressure: 0.4 ~ 0.6MPa
Air Consumption: 200L/min
Input Voltage: 220V 50Hz
Input Power: 4.5kW
Welding Height: 20 ~ 240mm
Welding Width: 120mm
Welding Range: 400 ~ 4500mm
Overall Dimension: 5400 × 1100 × 1700mm

WMST-418

uPVC Window 4-head Welding Machine

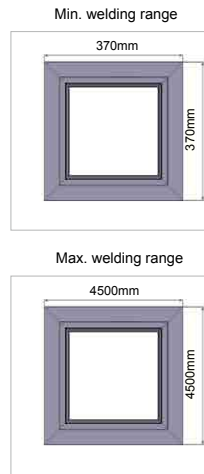


WMST-218 uPVC Window 2-head Welding Machine



Equipment Features

- Used for common and color profiles welding, 0.2~2mm welding selectable.
- All motion pair adopted linear bearing guide system, increased processing precision.
- Special 90 degree turnable welding head design, makes the machine available for H-shape welding.
- All motion pair adopted linear bearing guide system, increased processing precision.
- Two-step clamping design and emergency stop-pressure release function, conforming with CE standard, ensures high safety.
- Equipped with quick change device and back position plate with pneumatic feeding structure, realizes corner and V-notch welding quick change, easy operation and practicability.



Technical Parameter

Air Pressure: 0.5MPa~0.8MPa
Air Consumption: 100L/min
Input Voltage: 380V 50Hz
Input Power: 10kW
Welding Height: 32~180mm
Max. Welding Width: 120mm
Welding Range: 370~4500/3500mm
Overall Dimension: 5000 × 1200 × 2000mm

WMC-412

uPVC Window 4-head Welding Machine



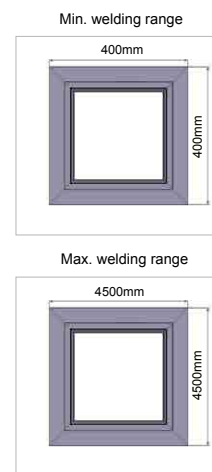
WMC-312



WMC-212

Equipment Features

- The welding heads can work individually or together.
- For common profile welding (2mm welding seam).
- Locating plate can slide along guide, increasing locating precision.
- Easy-change for special fixture, increased corner strength.
- PLC control the welding action/program, high reliability.
- Parameters can be set to meet various profiles' processing requirement.
- 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 ~ 4500/3500mm
 Overall Dimension: 5400 × 1100 × 1700mm

WMS-412

uPVC Window 4-head Seamless Welding Machine



WMS-312



WMS-212

Equipment Features

- Linear guidway features more precise
- The welding heads can work individually or together.
- For color profile welding (0.2mm welding seam).
- 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 ~ 4500/3500mm
 Overall Dimension: 5400 × 1100 × 1700mm

WMA-3312

Variable Angle Welding Machine



Equipment Features

- 30° ~ 180° variable angle welding is available.
- OMRON PLC controller.
- Especially for arc window and special angle window welding.

Technical Parameter

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

WMC-112

Single Head Welding Machine



Equipment Features

- For 90 degree, V and cross welding.
- Adopt OMRON PLC controller,the operation is simple and convenient.

Technical Parameter

Air Pressure: 0.5 ~ 0.8MPa
Air Consumption: 50L/min
Input Voltage: 220V 50Hz
Input Power: 1.2kW
Welding Height: 25 ~ 120mm
Welding Width: 120mm
Overall Dimension: 760 × 690 × 1700mm

WMSZ-120

Cross Welding Machine



Equipment Features

- Used for cross uPVC windows welding.
- Advanced technology, reliable performance, easy and simple operation and good looking.
- Adopts precise square linear bearing system, which features high precision and easy maintenance.
- PLC controlled welding operation process with high reliability.

Technical Parameter

Power supply: 220V/50Hz
Input power: 2.2kW
Air consumption: 120L/min
Max. welding height: 100mm
Max. welding width: 100mm

SJK-380B

CNC uPVC Profiles Cutting Center



Equipment Features

- For uPVC window profiles cutting processing.
- Automatic changing between 45 degree, v-notch and mullion 90 degree wedge cutting.
- Industrial computer controller, touch screen interface.
- One to four pcs profiles cutting at same time, high productivity.
- Input optimized cutting data into the system, the machine will continuously and automatically finish the cutting process.
- Servo motor feeding positioning system can automatically adjust the V-notch depth.
- Only need put uPVC profiles on the transverse conveyor, the machine will automatically feeding, changing angle, cutting different length according to the program.
- Very small wastage.
- Suitable for mass production.

Technical Parameter

Air Pressure: 0.6 ~ 0.8MPa
Air Consumption: 150L/min
Input Voltage: 380V/50Hz
Input Power: 5kW
Max. Cutting Height: 120mm
Max. Cutting Width: 240mm
Overall Dimension: 11000 × 1800 × 2100mm

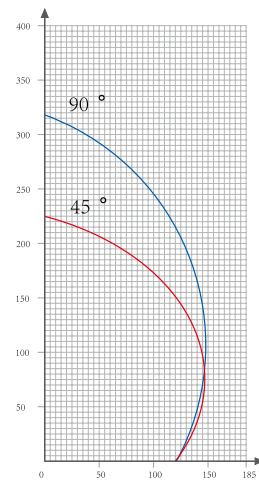
CDM-4550

Profiles Efficient Double Mitre Saw w/Digital Measurement Display



Equipment Features

- Figures show the blanking size and the number of cutting roots of the same size.
- Imported magnetic grid ruler is used to control cutting length and high precision.
- Realize 45 ° ~ 90° automatic conversion.
- Large processing range, sawing 260 mm wide profile, also can cut four 60 width section at a time.
- Precision linear bearing kinematic pairs are used for nose and body rails.
- The movable nose is pneumatically controlled and can be braked tightly.
- The whole machine has good structural rigidity, high machining precision and guaranteed sawing precision.



Technical Parameter

Air Pressure: 0.5 ~ 0.8MPa
Air Consumption: 30L/min
Input Voltage: 380V/50Hz
Input Power: 4.4+1.5kW
Saw Blade spec: $\Phi 450 \times \Phi 30$ mm
Spindle Rotary Speed: 2800r/min
Cutting angle: -45° ~90°
Cutting Height: 105mm
Cutting Width: 230mm
Cutting Length: 450 ~ 5000mm
Overall Dimension: 6000 × 1400 × 1400mm
Weight: about 1500kg

CDM-4536D

Profiles Double Mitre Saw w/Digital Measurement Display

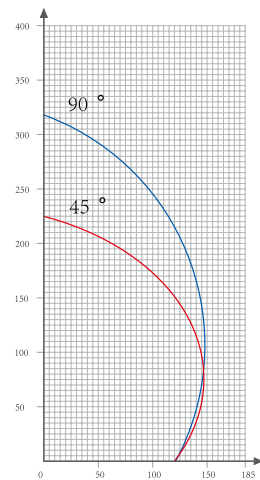


CDM-4536 Profiles Double Mitre Saw



Equipment Features

- Machine guide adopted linear bearing system, ensure high cutting precision and long using life.
- High processing quality due to special high precision main shaft.
- Machine guide adopted linear bearing and hydraulic-pneumatic damping cylinder to ensure feeding smoothly.
- Cutting mullion precision and convenience due to mullion positioner.
- Cutting angle changed automatically, variable angle can be cut.
- Short piece profile cut fixture is available.
- Digital measurement display system is optional.



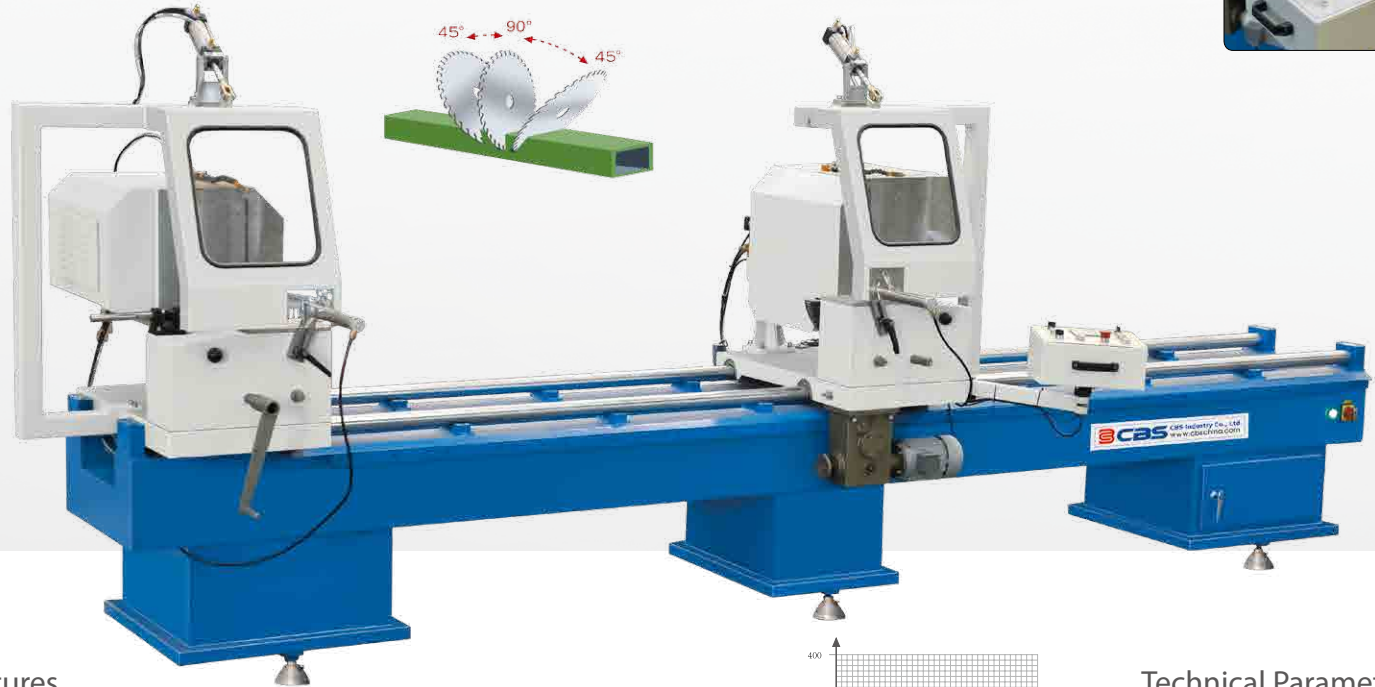
Technical Parameter

Air Pressure: 0.5 ~ 0.8MPa
Air Consumption: 50L/min
Input Voltage: 380V/50Hz
Input Power: 5.25kW
Saw blade diameter: $\Phi 450$ mm
Spindle Rotary Speed: 2800r/min
Cutting Height: 120mm
Cutting Width: 120mm
Cutting Length: 290 ~ 3600mm
Overall Dimension: 6000 × 1300 × 1650mm

CDM-4537C

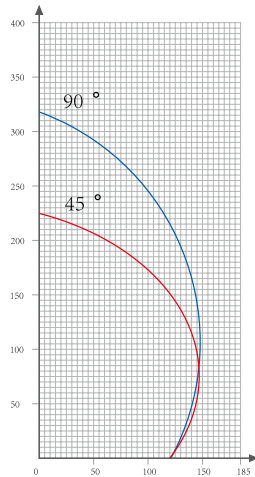
CNC Profiles Double Mitre Saw

CDM-4537D Profiles Double Mitre Saw w/Digital Measurement Display
 CDM-4537 Profiles Double Mitre Saw



Equipment Features

- 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 is motorized moving.
- Two saw head can be manually switching angle, realize the - 45° , 90° , 45° angle cutting.
- Model C adopt CNC size setting, makes the size setting be very simple and more precise also.
- Digital measurement display system is optional.

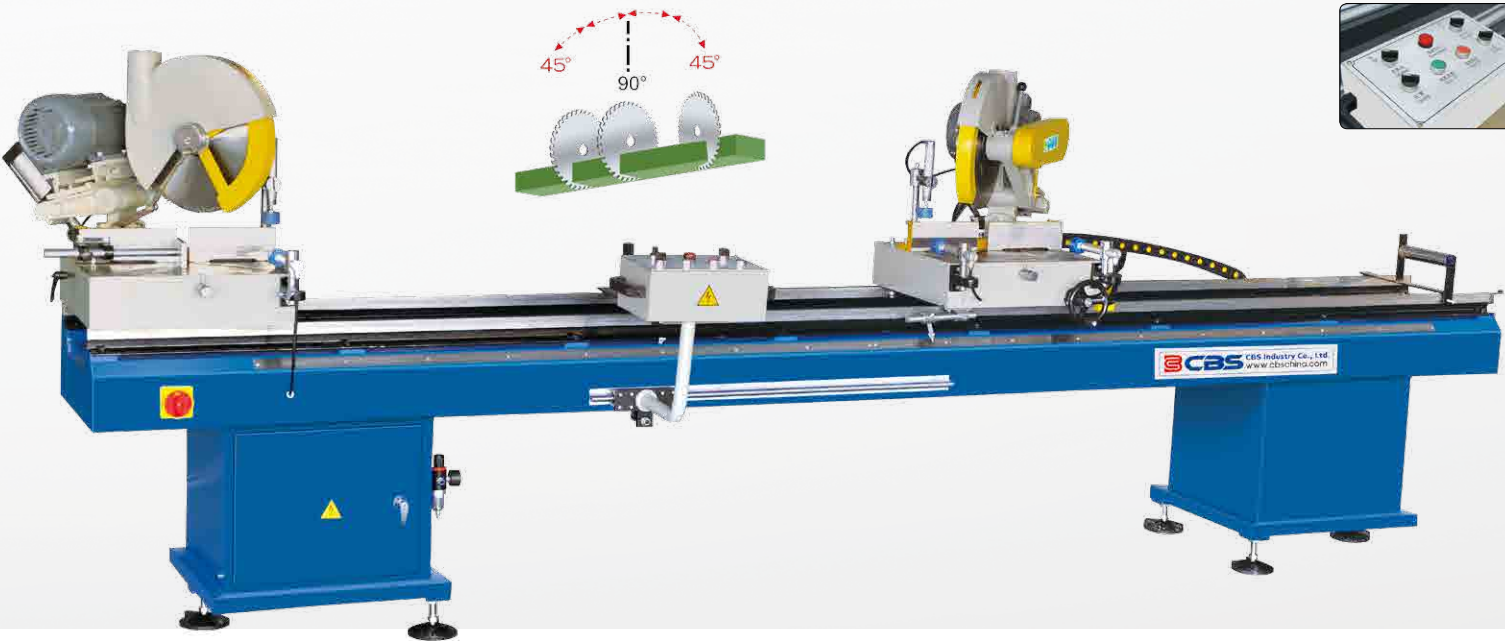


Technical Parameter

Input power: 3.55kW
 Power supply: 380V/50Hz
 Air pressure: 0.5~0.8MPa
 Motor rotary speed: 2800r/min
 Saw Blade spec: $\Phi 450 \times \Phi 30$ mm
 Cutting angle: -45° ~90° ~45°
 Cutting length: 580~3700mm
 Max. Cutting width: 120mm
 Overall dimension: 4600 × 1300 × 1550mm
 Weight: about 770kg

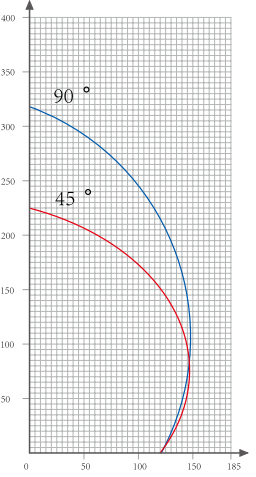
CDM-3535

Profiles Double Mitre Cutting Saw



Equipment Features

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



Technical Parameter

Air Pressure: 0.5 ~ 0.8MPa
 Air Consumption: 100L/min
 Input Voltage: 380V/50HZ
 Input Power: 2 × 1.1kW
 Saw blade diameter: 350 mm
 Spindle Rotary Speed: 2800r/min
 Cutting Height: 100mm
 Cutting Width: 120mm
 Cutting Length: 290 ~ 3500mm
 Overall Dimension: 4000 × 1120 × 1450mm

CSM-350
Single Head Cutting Saw



CCS-1413
Vertical uPVC Profiles Cutting Centre



CMN-120
uPVC Window Mullion Profiles cutting Machine



CVN-60
uPVC Window V-notch Cutting Saw



Equipment Features

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

Technical Parameter

Air Pressure: 0.5 ~ 0.8MPa
Input Voltage: 380V/50HZ
Input Power: 1.1kW
Spindle Rotary Speed: 2800r/min
Cutting Height: 100mm
Cutting Width: 200mm
Saw Blade specification:
Φ350 × Φ30 × 4 × 120T
Cutting angle: +45° ~135°
Overall Dimension: 810 × 700 × 1500mm

Equipment Features

- The cutting centre can be used for 45 degrees, V-notch and mullion cutting.
- The saw blades is driven by pneumatic cylinders, vertical design features space saving.
- The cutter is alloy saw blade with high precision and long service life.
- The machine is used for all kind of upvc, vinyl profiles cutting.
- Raw material feeding at left side, the right side have size stopper,(direction customized acceptable).
- Digital measurement display stopper is optional.

Technical Parameter

Air pressure: 0.5~0.8mpa
Air consumption: 50L/min
Input voltage: 380v 50hz
Input power: 3.0kW
Saw blade diameter: 450mm
Saw blade speed: 2800r/min
Max cutting section: 140 × 130mm
Max. Cutting off length: 3700mm

Equipment Features

- 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 × 0.75kW
Spindle Rotary Speed: 2800r/min
Cutting Height: 110mm
Cutting Width: 120mm
Cutting Length: 300~1600mm
Overall Dimension:
1900 × 700 × 1350mm

Equipment Features

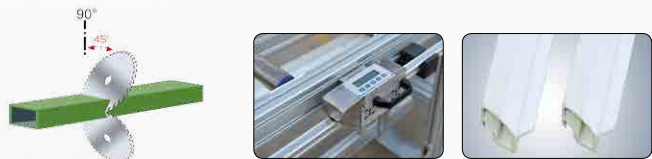
- For 90° V-notch cutting.
- Pneumatic driving, easy operation.
- Smoothly feeding and high cutting precision.
- Cutting deepth is adjustable.

Technical Parameter

Air Pressure: 0.4~0.6MPa
Air Consumption: 80L/min
Input Voltage: 380V/50HZ
Input Power: 2 × 0.75kW
Spindle Rotary Speed: 2800r/min
Depth cutting: 20 ~ 60mm
Cutting Width: 120mm
Cutting Length: 300~1600mm
Overall Dimension:
1300 × 700 × 1350mm

CGB-3218CW

CNC Glazing Bead Saw with Wireless Measurement System



Equipment Features

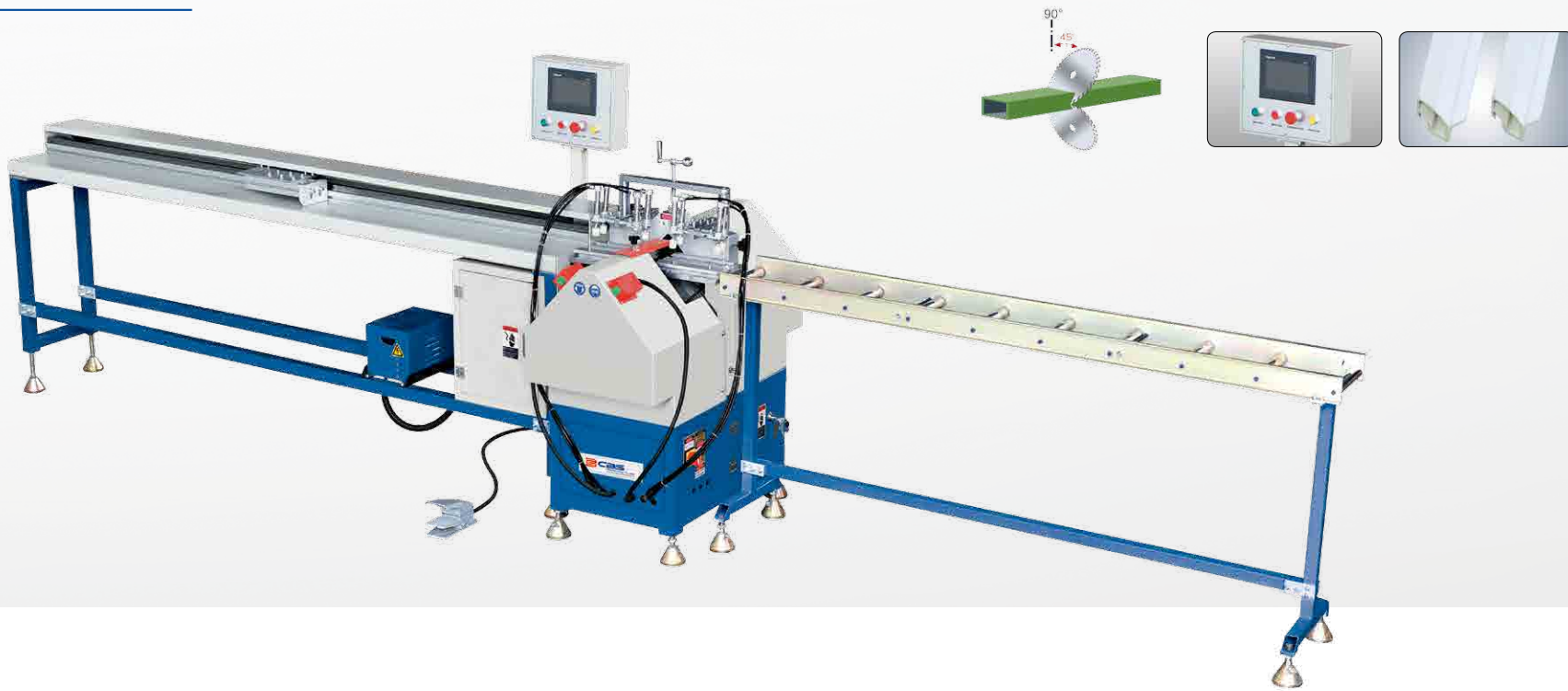
- The machine is suitable for efficient cutting of uPVC window and door glazing bead.
- It adopts CNC size stopper, wireless measurement system, wireless transmission of measurement data, high accuracy and high processing efficiency.
- Easy operation, reliable performance, advanced technique and convenient maintenance, etc.
- The imported blade with high precision makes the cutting surface smooth.
- Direct contact saw blade for imported motor.
- Equipped with hand held wireless measuring system, which can measure the cutting size in real time, make the CNC size stopper accurate to ensure the cutting size.
- Processing accuracy 0.1mm.

Technical Parameter

Input power: $2 \times 1.1 + 0.75\text{kW}$
Power supply: 380V/50Hz
Air pressure: 0.4~0.6MPa
Motor rotary speed: 2800r/min
Cutting length: 320~1800mm
Cutting width: 100mm
Cutting height: 33mm
Overall dimension: 7400 × 1380 × 1500mm

CGB-3218C

CNC Glazing Bead Saw



Equipment Features

- CNC system is used to control the position of the size stopper, feature accuracy size setting.
- High - quality linear motion ball bearings are used for numerical control sizing tables with reliable performance.
- Equipped with feeding workbench, can place multiple profiles at a time, easy to feed section cutting.
- Stepless speed regulation can be realized by working in. Feed smooth, safe and convenient operation.
- The operation interface is simple and easy to understand.

Technical Parameter

Input power: $2 \times 1.1 + 0.75\text{kW}$
Power supply: 380V/50Hz
Air pressure: 0.4~0.6MPa
Motor rotary speed: 2800r/min
Cutting length: 320~1800mm
Cutting width: 100mm
Cutting height: 33mm
Overall dimension: 7400 × 1380 × 1500mm

CGB-3218T

Glazing Bead Saw w/Measuring Table



Equipment Features

- Used for 45 degree glazing bead cutting.
- Equipped with universal modeling,
- one time two pieces of glazing bead cutting.
- Easy operation of pneumatic driving.
- The special glazing bead measuring table make the machine can easily set the cutting dimenions and make the size be exactly suitable for the sash.

Technical Parameter

Air Pressure: 0.5~0.8MPa
Air Consumption: 20L/min
Input Voltage: 380V/50Hz
Input Power: 2×0.75kW
Spindle Rotary Speed: 2800r/min
Depth cutting: 29mm
Cutting Width: 120mm
Cutting Length: 320~1800mm
Overall Dimension: 1300×700×1350mm

CGB-3218

Glazing Bead Saw for uPVC Profile



Equipment Features

- 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
Air Consumption: 20L/min
Input Voltage: 380V/50Hz
Input Power: 2×0.75kW
Spindle Rotary Speed: 2800r/min
Depth cutting: 29mm
Cutting Width: 120mm
Cutting Length: 320~1800mm
Overall Dimension: 1300×700×1350mm

MCSN-1127

Single Head Copy Router



Equipment Features

- Used for copy-routing various holes, grooves and water-slots.
- 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: 1000×1130×1500mm

MCLN-929

Copy-router & Lock-hole Milling Machine



Equipment Features

- 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: Φ5Φ8mm
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

MCL-929

Copy-Router & Lock-hole Processing Machine



Equipment Features

- 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: Φ12mm
Centers distance of the three-hole drillinghead: 21.5mm
Input Power: 2.25kW
Cutter Diameter: Φ5, Φ8mm
Copy-routing range: 290 × 100mm
Overall Dimension: 1000 × 1130 × 1600mm
Weight about: 220kg

MWT-360

Water Slot Milling Machine



Equipment Features

- 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 × 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

MWN-3100

3-axis Water Slot Milling Machine



Equipment Features

- 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, Φ4mm
Slot Length: 10~100mm
Overall Dimension: 1200 × 1200 × 1800mm

WMDN-3500

Double Head 3-axis Water Slot Milling Machine



Equipment Features

- Miling all kinds of water slots and air presure 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 predision.

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: Φ4, Φ5mm
Slot depth: 30mm
Slot Length: 10~100mm
Overall Dimension: 4300 × 1450 × 1650mm

MES-20

Automatic End Milling Machine



Equipment Features

- Used for all kinds of profiles end milling.
- 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 | Cutter adjustment: |
| Motor power: 2.2kW | 0 ~ 80mm |
| Motor rotary speed: 2800r/min | Cutter feeding journey: |
| Working air pressure: 0.5 ~ 0.8MPa | 0 ~ 320mm |
| Diameter of main shaft: Φ 32mm | Dimension: |
| | 850×740×1280mm |

MES-16

End Milling Machine



Equipment Features

- 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 | Cutter adjustment: |
| Motor power: 0.75kW | 0 ~ 80mm |
| Working air pressure: 0.5 ~ 0.8MPa | Cutter feeding journey: |
| Motor rotary speed: 2800r/min | 0 ~ 320mm |
| Dimension: 700×580×1540mm | Dimension: |
| | 850×740×1280mm |

MIL-3216

Interlock Profile Milling Machine



Equipment Features

- 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

| |
|------------------------------------|
| Power supply: 220V 50Hz |
| Motor power: 0.75kW |
| Working air pressure: 0.5 ~ 0.8MPa |
| Motor rotary speed: 2800r/min |
| Dimension: 530×530×1100mm |

SKQZV7

CNC Corner Cleaning Machine



Equipment Features

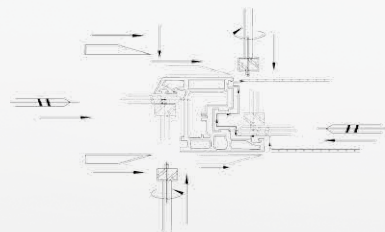
- The machine adopts advanced CNC System, it can clean standard 90 degree corner and V-corner.
- The machine can setup and store around 100 sets of processing program.
- The USB port make loading and saving programs available and very simple also.
- The external milling blade can clean any shapes of the upvc windows corner including arch shapes.
- With the upper and the lower vertical cutters, the machine can clean the gasket grooves and the unwanted welding tumor on the internal and the external flat slot at the same time or separately.
- With upper & lower horizontal cutters, It can clean the upper and the lower surface welding seam.
- Newly cantilever control panel makes the new programming be very simple.
- The machine features convenient adjustment, high automation, friendly operation interface.
- It is the ideal machine for mass batch production of various profiles.

Technical Parameter

| |
|--------------------------------------|
| Working air pressure: 0.5~0.8MPa |
| Air consumption: 200L/min |
| Input voltage: 380V 50Hz |
| Input power: 5.0 kW |
| Main milling cutter speed: 2800r/min |
| Processing profile height: 30~120mm |
| Processing profile width: 20~120mm |
| Groove width: 3+/-0.2mm |
| Groove depth: 0.3+/-0.15mm |

CMC-512N

uPVC Window CNC Corner Cleaning Machine



Equipment Features

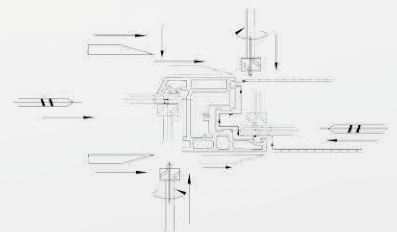
- For cleaning 90 degree welding corner.
- High processing precision due to size error compensation function.
- Famous brand of servo-drive system, CNC system, solenoid valve, air treatment unit and so on ensure reliable performance and long using life.
- Can store 100+ programs for different profiles 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. .
- Cantilever control panel design features easy for new programming.
- USB socket features convenient for programm loading and saving.

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: 2200 × 1200 × 1800mm

CMC- 615

uPVC Window CNC Corner Cleaning Machine



Equipment Features

- The machine adopts advanced industry numerical control System, which can set up two-dimension process program according to different profile.
- The machine can setup and store 100 sets of processing program.
- Innovation 6 cleaning knives can almost clean all kinds of profiles in the market.
- The milling cutter can mill the external corner of PVC door & window along the 2-dimension track, round shape cleaning is also available.
- With the upper and the lower vertical cutters, the machine can clean the gasket grooves and the unwanted welding tumor on the internal and the external flat slot at the same time or separately.

- With upper & lower horizontal cutters, It can clean the upper and the lower surface welding seam.
- Special milling cutters for the sliding frame inside track cleaning.
- Innovation high resolution monitor can make the whole processing under inspection, the visible simplified teach-in programming process features very simple and easy for programming.
- The machine features convenient adjustment, high automation, friendly operation interface.
- It is the ideal machine for mass batch production of various profiles.

Technical Parameter

Working air pressure: 0.5~0.7MPa
 Air consumption: 50L/min
 Input voltage: 380V / 220 V, 50Hz
 Input power: 1.5 kW
 Main milling cutter speed: 2800r/min
 Processing profile height: 20~150mm
 Processing profile width: 20~100mm
 Groove width: 3+/-0.2mm
 Groove depth: 0.3+/-0.15mm
 Dimension: 1700x900x1680mm

CMC-512

uPVC Window CNC Corner Cleaning Machine



Equipment Features

- 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

Equipment Features

- 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

CMS-312

uPVC Window Corner Cleaning Machine



CMV-412

V-corner Cleaning Machine



Equipment Features

- 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

CMP-120
Portable Corner Cleaning Machine



CML-212

Corner Cleaning Machine



Equipment Features

- 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

CMN-01
Internal Corner Cleaning Machine



CMW-01
External Corner Cleaning Machine



BPO-30
uPVC Profiles Bending Machine



Equipment Features

- 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

HAT-422
Hardware Assembling Machine



Equipment Features

- The window sash assembly station (adjusting tool does not need to change tools).
- The window sash automatic positioning system.
- Automatic detection of driver, measuring and positioning.
- The driver is automatically cut off, thrust.

Technical Parameter

Input power: 3kW
Power supply: 380V/50Hz
Air pressure: 0.6~0.8MPa
Processing range: 400~2200mm
Head end diameter: 5~10mm
Screw diameter: 2.4~5mm
Screw length: 10~35mm
Overall dimension:
3070 × 2000 × 2020mm

SFM-212
Automatic Screw Fastening Machine



Equipment Features

- Used for automatic screw fastening through self-tapping screw connection between two workpiece, especially suitable for uPVC reinforcement profiles.
- Complete fastening of uPVC profile and reinforcement profiles without drilling holes.
- Adopted high torque electric motor, the motor automatic overload protect when tapping screw failure.
- Low velocity motor can reduce wear of nail head effectively.
- Two heads can work together to save time.
- Four- head screw fastening machine is optional.

Technical Parameter

Power supply: 220~240V
Rated frequency: 50Hz
Rated power: 300W
Airpressure: 0.5~0.8Mpa
Screw model: 3~5mm × 11~19mm
Profiles height: 25~120mm
Profile width: ≤120mm

Equipment Features

- Used for automatic screw fastening through self-tapping screw connection between two workpiece, especially suitable for uPVC reinforcement profiles.
- Complete fastening of uPVC profile and reinforcement profiles without drilling holes.
- Adopted high torque electric motor, the motor automatic overload protect when tapping screw failure.
- Low velocity motor can reduce wear of nail head effectively.

Technical Parameter

Input Voltage: 220~240V/50Hz
Power: 150W
Moter revolving speed: 1000r/min
Air pressure: 0.5~0.8Mpa
Screw model: 3~5mm × 11~19mm
Profiles height: 25~120mm
Profile width: ≤120mm

DMH-413

Multi-head Combination Drilling Machine



Equipment Features

- Used for windows and doors installation holes combination drilling .
- Vertical and horizontal clamps can hold the profiles sturdy during drilling, multi-holes drilling together features high efficiency .
- 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: 4 × 1.1kW
 Max drilling hole diameter: 13mm
 Max distance between two drilling holes: 4000mm
 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: 4500 × 1100 × 1800mm

WT-2000

Assembly Worktable



TCP-02

Transportation Cart for Profile



GFT-2000

Glass Mounting Table



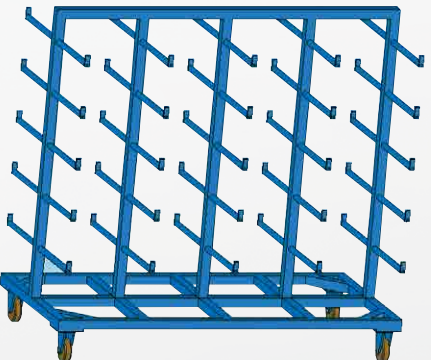
TCP-03

Transportation Cart for Profile



TCP-01

Transportation Cart for Profile



AS-01

Assembly Stand

