



## THE PERFECT MACHINES FOR EVERY uPVC DOORS & WINDOWS

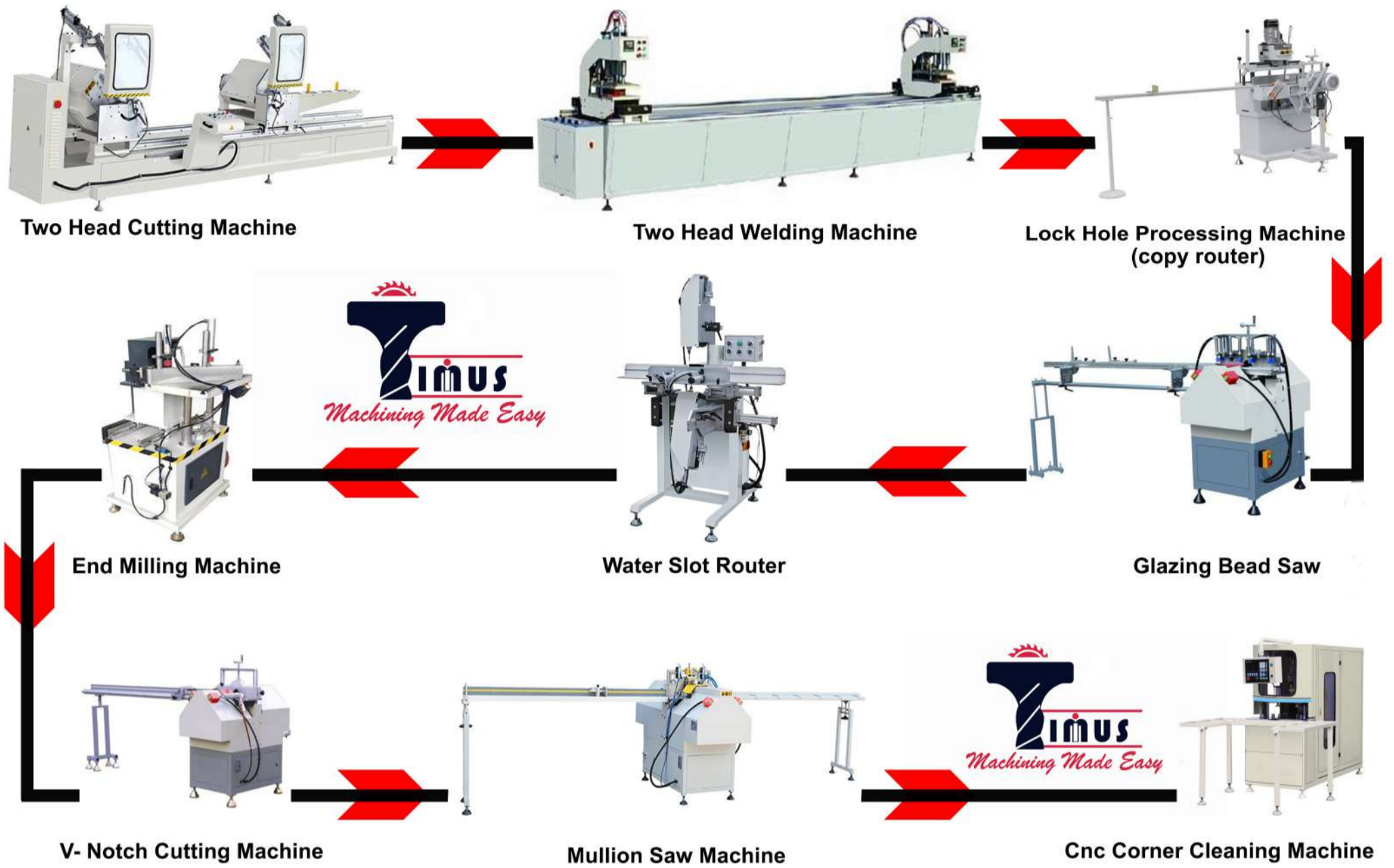


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Celebrating 15 Year of  
Leading the Way Forward



# uPVC | Machines for Doors & Windows Making Process



## We also have portable machines for upvc work



Single Head welding machine



Portable welding machine



Manual UPVC Window Portable welding machine



Portable Milling machine



Window Making Machine



Single Head cutting machine



Corner cleaning Top and Bottom



Slot Drilling machine



Edge cleaning

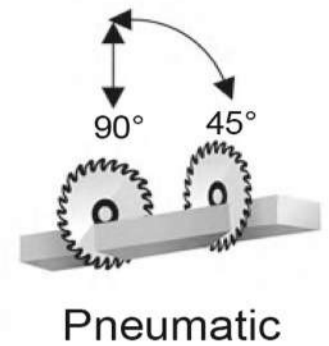


UPVC Pneumatic Inner Cleaning

## Countries We Are Outsourcing From



## Two Head Cutting Machine (Pro)



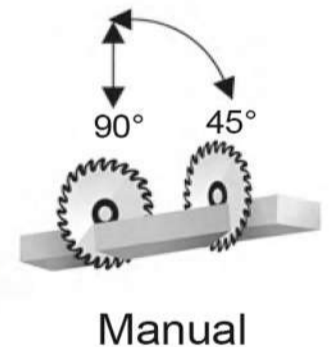
### Technical Specifications

Sawing width-max	mm	115
Sawing length-max/min.	mm	3700/500
Saw blade specification	mm	ø450 x ø30
Rotating speed	rpm	2800
Saw blade tilting	degree	90° & 45° (auto)
Working speed	m/min	Staples speed regulation 0-3
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	2.2 x 2 = 4.4
Dimensions	mm	5100 x 1400 x 1550

### Feature

- This machine is used for pneumatic cutting aluminum alloy and plastic profiles at 90° & 45°.
- The imported aluminum alloy special cutting saw blade is used to ensure the cutting accuracy.
- The high-precision spindle makes the saw blade rotate stably.
- The automatic opening and closing of the protective cover makes the work safe and convenient.
- The movable head adopts imported linear bearing motion pair, which has high working precision.
- The follow-up material support frame makes the profile positioning and clamping convenient and reliable.
- Optional corner code function, to achieve a dual-purpose machine.

## Two Head Cutting Machine (Eco)



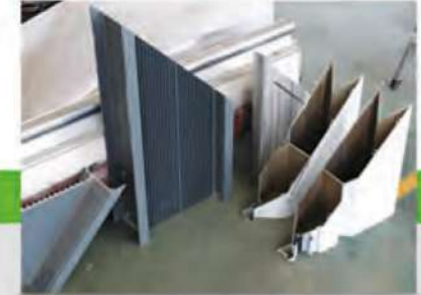
### Technical Specifications

Sawing width - max.	mm	115
Sawing length	mm	400-3500
Saw blade specification	mm	ø400 x ø30
Rotating speed	rpm	2800
Saw blade tilting	degree	90° & 45° (manual)
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	2 x 1.5 = 3
Dimensions	mm	4250 x 1200 x 1350

### Feature

- This machine is used for manual cutting aluminum alloy and plastic profiles at 90° & 45°.
- The machine adopts pneumatic transmission, straight-line parallel working mode, stable feeding and high positioning accuracy.
- The whole machine has the characteristics of compact structure, good system rigidity, simple operation and high production efficiency.

### uPVC DOORS & WINDOWS



#### Technical Specifications

Sawing width - max.	mm	115
Saw blade specification	mm	ø350 x ø30
Rotating speed	rpm	2800
Saw blade tilting	degree	45°L, 90°, 45°R
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	1.1
Dimensions	mm	5470 x 1000 x 1500

#### Feature

- This machine is suitable for cutting aluminum-plastic profiles at 45°L, 90° & 45°R, with high dimensional accuracy, simple operation, reliable performance and advanced technology.
- The tool adopts carbide circular saw blade, which has fast cutting speed and high production efficiency. It is an ideal equipment for mass production of aluminum-plastic doors and windows.

## Single Head Welding Machine



#### Technical Specifications

Processing profile height	mm	20-115
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	220/50
Power	kw	1.5
Dimensions	mm	1500 x 1900 x 1600

#### Feature

- Plastic door and window welding machine is one of the necessary equipment for processing plastic doors and windows, and can independently complete the whole process of plastic door and window welding. This machine has the characteristics of advanced technology, reliable performance and simple operation.
- The machine adopts PC control, pneumatic transmission, and the motion pair uses CM oil-free lubricating bearings and linear motion ball bearings, with high precision, simple operation, convenient maintenance and wide processing range.
- There is a machine head that also meets the user's requirements for welding arc windows and other special-shaped doors and windows.

## Two Head Welding Machine



### Technical Specifications

Processing profile height	mm	20-120
Welding range	mm	400-3500
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	220/50
Power	kw	3
Dimensions	mm	4100 x 1750 x 1700

### Feature

- Plastic door and window welding machine is one of the necessary equipment for processing plastic doors and windows, which can independently complete the whole process of plastic door and window welding. This machine has the characteristics of advanced technology, reliable performance and simple operation.
- The machine adopts PC control, pneumatic transmission, and the motion pair uses CM oil-free lubricating bearings and linear motion ball bearings, with high precision, simple operation, convenient maintenance and wide processing range.
- There is a machine head with the function of welding any angle, which meets the user's requirements for welding arc windows and other special-shaped doors and windows.
- The two heads can be single-acted separately, or can be linked in any combination.

## Three Head Welding Machine



### Technical Specifications

Processing profile height	mm	20-120
Welding range	mm	400-3500
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	220/50
Power	kw	4.5
Dimensions	mm	5300 x 900 x 1750

### Feature

- Plastic door and window welding machine is one of the necessary equipment for processing plastic doors and windows, which can independently complete the whole process of plastic door and window welding. This machine has the characteristics of advanced technology, reliable performance and simple operation.
- The machine adopts PC control, pneumatic transmission, and the motion pair uses CM oil-free lubricating bearings and linear motion ball bearings, with high precision, simple operation, convenient maintenance and wide processing range.
- There is a machine head with the function of welding any angle, which meets the user's requirements for welding arc windows and other special-shaped doors and windows.
- The three heads can move individually, or can be linked in any combination.



**Technical Specifications**

Copy range	mm	300 x 95 x 100
Three-hole drill diameter	mm	ø12
Three-hole drill center distance	mm	21.5
Copy cutter diameter	mm	ø5, ø8
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	2.6
Dimensions	mm	2600 x 1200 x 1450

**Feature**

- Designed for drilling holes in aluminum-plastic doors and windows, it can process three holes in a row and lock holes for door and window locks at the same time.
- A three-point handle can also be installed, and the device can also be used as a copy milling machine.

**Glazing Bead Saw**



**Technical Specifications**

Processing profile length	mm	320-1800
Rotating speed	rpm	2800
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	0.75 x 2 = 1.5
Dimensions	mm	2300 x 1480 x 1300

**Feature**

- This machine can complete the cutting process of glass bead.
- Equipped with a measuring and positioning ruler, the glass bead is processed according to the actual required length, thereby ensuring the dimensional accuracy of the glass bead when cutting, and eliminating the error in the assembly of the window or frame sash and the bead after processing.

## Water Slot Router



### uPVC DOORS & WINDOWS



#### Technical Specifications

Slot width	mm	4-5
Slot length	mm	0-60
Maximum groove depth	mm	30
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	220/50
Power	kw	0.54 x 2 = 1.08
Dimensions	mm	1250 x 850 x 1450

#### Feature

- Professionally used for milling drainage grooves and air pressure balance holes of PVC doors and windows.
- Adopting a modular structure, the whole machine consists of six milling heads, which can be single-acted or linked, with free choice and convenient control.
- The feeding cylinder adopts gas-liquid damping device, which runs smoothly.

## End Milling Machine



#### Technical Specifications

Milling cutter diameter	mm	ø110-ø200
Rotating speed	rpm	2800
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	2.2
Dimensions	mm	850 x 750 x 1300

#### Feature

- Suitable for all kinds of profile end face, step surface forming.
- Equipped with an integrated spindle, so that the machining accuracy is high and stable;
- The worktable can be adjusted up and down, making it easy to adjust the knife;
- The spindle of the tool is connected by the rotary shaft, and the slightly running of the motor spindle will not affect the working accuracy of the tool.

## uPVC DOORS & WINDOWS

## V- Notch Cutting Machine



### Technical Specifications

Sawing height	mm	20-60
Saw width	mm	120
Sawing length	mm	300-1700
Rotating speed	rpm	2800
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	0.75 x 2 = 1.5
Dimensions	mm	1350 x 500 x 1550

### Feature

- This machine is used to cut 90° V-groove of aluminum-plastic door and window profiles.
- Profile clamping and cutting adopts pneumatic transmission, which is easy to operate, safe and reliable.
- Precise cutting size and easy maintenance.
- Applicable material thickness 0-120 mm, complete cutting at one time.

## Mullion Saw



### Technical Specifications

V depth-max	mm	65
Cutting positioning length	mm	300-1700
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	2.2
Dimensions	mm	2200 x 500 x 1550

### Feature

- This machine is used for cutting 90°V groove of aluminum-plastic profile.

# Manual Corner Cleaning Machine



### Technical Specifications

Processing profile height	mm	30-120
Processing profile width	mm	30-110
Rotating speed	rpm	2800
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	2.0
Dimensions	mm	2000 x 1930 x 1500

### Feature

- This machine is mainly used for cleaning the corner welds of plastic doors and windows. It is a mechanical and electrical machine integrating pneumatic, mechanical and body equipment.
- It has many functions such as vertical milling, saw milling and broaching, and has the characteristics of good processing quality and convenient operation and adjustment.

# CNC Corner Cleaning Machine



Portable Corner Cleaner Machine also available

### Technical Specifications

Processing profile height	mm	30-120
Processing profile width	mm	30-110
Rotating speed	rpm	2800
Working pressure	kg/cm <sup>2</sup>	5 to 7
Power supply	V/Hz	380/50
Power	kw	2.0
Dimensions	mm	2000 x 1930 x 1500

### Feature

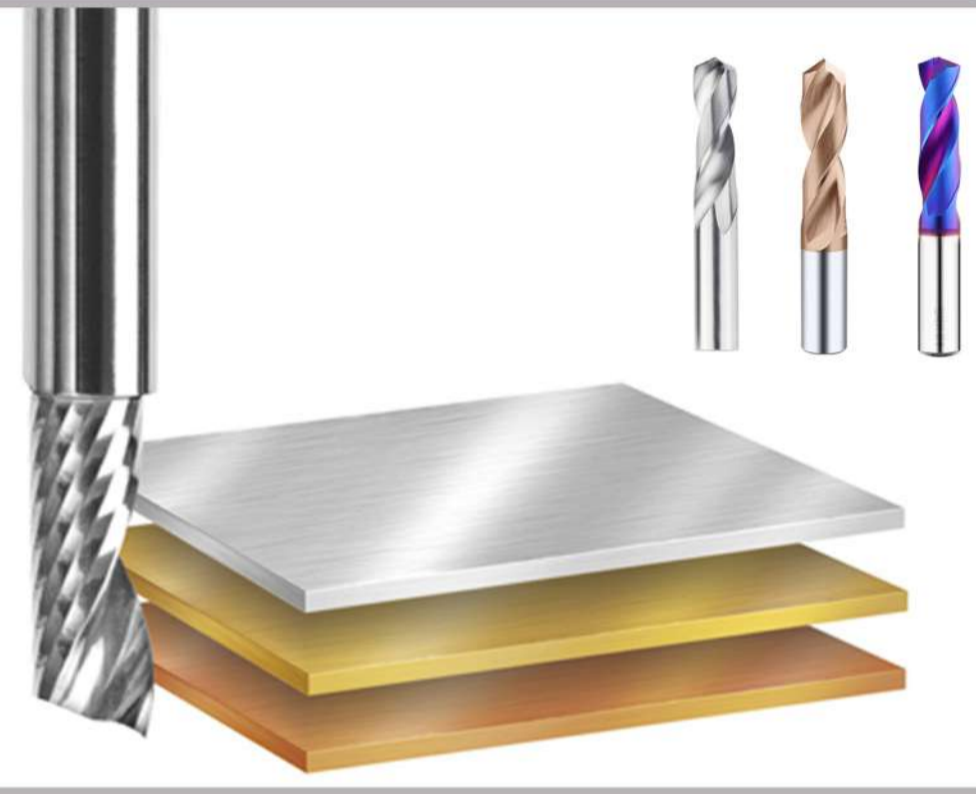
- This machine is mainly used for cleaning the corner welds of plastic doors and windows. It is a mechatronics equipment integrating pneumatic, mechanical and numerical control technologies.
- It has many functions such as vertical milling, saw milling and broaching, high automation, good processing quality, and convenient operation and adjustment.
- Using international machine tool numerical control system, two-dimensional processing programs can be set according to different profiles, and up to 100 kinds of processing programs can be set and stored.

# TCT Circular Saw Blade For Aluminium & U-Pvc



**Application :** For Cutting And Dividing Tubes, Drawn Products And Aluminum & U-pvc Profile  
**Machines :** Table Saw, Single or Double Miter Saws

**Application :**  
These Tools Feature Single Flute Design Allowing Both Efficient And Effective Carving On All Types of Aluminum. The Fine Result. Higher Flexibility Than Traditional Bits, Enhanced Productivity And High Quality Finishing.  
**Use On :** We Have Specialized In Single Flute Cutters For High Speed Routers and Copy Routers  
**Use In :** Aluminum Windows And Doors.



**End Milling Single Cutter Aluminium Profile**

**End Milling Cutter Set**



**uPVC DOORS & WINDOWS**



Ask for wood working catalouge for cutting tool and machinery for wood working



Ask for metal cutting catalouge for cutting tool and machinery





**WHERE QUALITY IS NEVER COMPROMISED**

**AN ISO 9001:2015 CERTIFIED COMPANY**



**Countries We Are Outsourcing From**



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