



A machine
that works well,
lasts long and
saves money
is a machine
that matters.

UPVC
MAXWELD
Machines





About Us

LIPI, established in 1981, emerged as a pioneering company in South India, introducing solvent machines to the Indian market. Over the years, we expanded our product range to various signage machines such as Eco solvent printers, UV printers, Lasers and Routers, solidifying our position as the premier destination for comprehensive signage solutions in India.

Building on our success, we further diversified into Wood Working Machines and UPVC machines. To date, our esteemed brand, **Maxicut**, has proudly installed more than **500+ units in UPVC** and more than 2000 units in signage solidifying our reputation as a trusted industry leader.

We are happy to introduce our new range of machines from Maxweld, known for its Quality, Affordability and Reliability along with our exceptional service.

Why Buy From Us?

- ✓ Product Quality
- ✓ Service
- ✓ Dealing With Esteemed Brands
- ✓ Always Updating to Latest Technologies

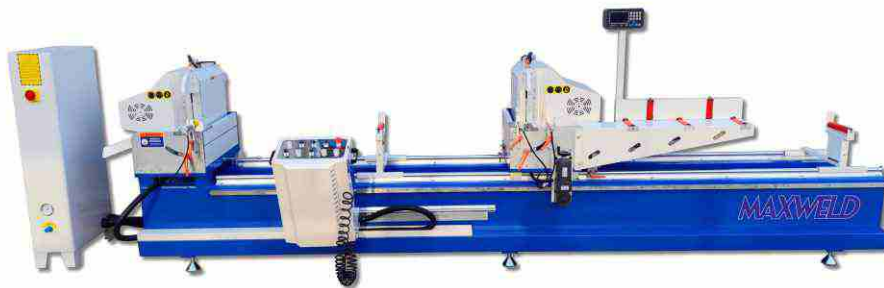
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Cutting Machines

Double Miter Saw - Digital Display (LJZ2 - 450 x 3700A)



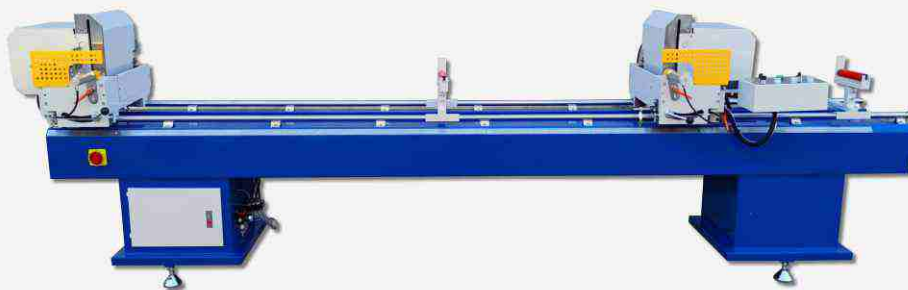
Features

- The motor and saw blades are connected by a belt for better accuracy.
- Separate electrical box.
- Automatic cutting angles for both 45° & 90° degrees.
- Motorized head movement.
- 450 mm Saw blade is used.
- The saw blade can cut aluminum and PVC both.

Electrical Specifications

• Input Power:	4.4 kW	• Saw blade speed:	3087r/min	• Saw blade specifications:	TP450×4×30
• Power Supply:	380V 50Hz 3P	• Working speed:	6~50mm/s	• Air Consumption:	200L/min
• Working Pressure:	0.5~0.8MPa	• Cutting section:	120*200	• Double cut length:	580~3700mm

Double Miter Saw - Manual (LJZ2 - 400 X 3500)



Features

- The motor and saw blades are connected directly.
- Manual head movement and can cut at both 45° & 90° degrees.
- 400 mm Saw blade is used.
- The saw blade can cut aluminum and PVC both.

Electrical Specifications

• Input Power:	1.5 kW	• Saw blade speed:	3087r/min	• Air Consumption:	200 L/min
• Power Supply:	380V 50Hz 3P	• Working speed:	6~50mm/s	• Cutting length:	450~3500 mm
• Working Pressure:	0.5~0.8MPa	• Max. Cutting section:	100 mm		

V Cutting Saw (SVJ - 60)



Features

- Automatic centralized positioning device makes the operation easier.
- Pneumatic drive facilitates the operation.
- Adjustable feeding speed and high cutting precision.
- For cutting 90° V-shape groove.

Electrical Specifications

• Input Power:	1.5 kW
• Power Supply:	380V 50Hz
• Working Pressure:	0.4~0.6 MPa
• Air Consumption:	80 L/min
• Overall Dimension:	1900 x 700 x 1350 mm
• Motor Rotary Speed:	2800 r/min
• Cutting Width:	120 mm
• Cutting Length:	300 - 1600 mm
• Depth Cutting:	20 - 60 mm
• Weight:	210 kg

Mullion Cutting Saw (SJT - 01)



Features

- Advanced technology with pneumatic clamping prevents collapse during cutting process.
- Two cutting blades are in the space of 90° layout, a clamp is installed at the same time to complete two V-shape cutting head, with high cutting precision and high productivity.
- Horizontal structure for high cutting precision.

Electrical Specifications

- Input Power: 1.5 kW
- Power Supply: 380V 50Hz
- Working Pressure: 0.4~0.6 MPa
- Air Consumption: 80 L/min
- Overall Dimension: 1900 x 700 x 1350 mm
- Motor Rotary Speed: 2800 r/min
- Cutting Width: 120 mm
- Cutting Length: 300 - 1600 mm
- Depth Cutting: 20 - 60 mm
- Weight: 210 kg

Glazing Bead Saw (SYJW - 1800)



Features

- Vertical clamping device and specially designed cutting ensures stable positioning.
- For cutting glazing bead at 45° angle.
- The machine is capable of cutting two beads at the same time.
- User friendly measuring rod.

Electrical Specifications

- Electric Motor: 1.5 (0.75x2) kW
- Motor Rotary Speed: 2800 r/min
- Power Supply: 380V 50Hz 3P
- Air Pressure: 0.4~0.6 Mpa
- Air Consumption: 80 L/min
- Weight: 230 kg
- Feed speed: Stepless speed regulation
- Processing Range: 320~1800mm
- Saw Blade Spec: 230x30
- Dimension: 1380x560x1350mm

Milling Machines

Auto Water Slot (SCX - 03)



Features

- Three independent routing units for automatic routing and drilling of water slots and ventilation hole on UPVC profile.
- Compact built router units with automatic feed for routing depth and slot length.
- Router can be controlled individually for various productions.
- Auto moving work table ensure accurate milling.
- Three motors can be adjustable easily for milling different angle position.
- Easily adjustable to realize symmetrical milling.

Electrical Specifications

- Input Power: 0.38 kW x 2/3/4
- Power Supply: 220V/50 Hz
- Air Pressure: 0.5 ~ 0.8 MPa
- Motor Rotary Speed: 2500 r/min
- Air Consumption: 30 L/min
- Milling Cutter Dia: $\Phi 4$, $\Phi 5$ mm
- Slot depth: 30 mm
- Slot length: 30 - 60 mm
- Overall Dimension: 2100 x 860 x 1500mm
- Weight: 140 kg

Milling Machines

Lock Hole Milling Machine (SSKC - 03 - 100)



Features

- Used for copy-routing processing various for kinds of holes, grooves on UPVC profiles.
- Copy routing 1:1 ratio for easy transfer of the routing pattern from a template to the profile.
- Pneumatic horizontal clamping.
- Length and width of the shape can be adjusted through the turret on the machinery.
- Using a foot switch control for cylinder operation.
- Compact Structure.

Electrical Specifications

- Input Power: 1100W+750W
- Power Supply: 380V 50Hz 3P
- Working Pressure: 0.5~0.8 Mpa
- Profiling size: 290×90 mm
- 3-hole drill bit dia: ϕ 12
- Copy milling cutter dia: ϕ 5, ϕ 8
- Dimensions: 1000×1130×1500 mm

End Milling Machine (DX03 - 200)



Features

- High precision spindle is set for stable milling. Arbitrary milling of end faces within the range of 35°-90°.
- The workbench can be adjusted up and down to facilitate the tool adjustment.
- Linear bearing pair is applied for pneumatic feeding to make the operation stable
- Tools are mounted to the high-precision spindle, so the operating precision of motor will not affect the cutting tools.
- It is applicable for the forming of end faces, step surfaces and face grooves of various profiles.

Electrical Specifications

- Input Power: 2.2 kW
- Power Supply: 380V/50Hz
- Working Pressure: 0.6 ~ 0.8 MPa
- Motor Rotary Speed: 2800 r/min
- Blade Specs: (ϕ 200~ ϕ 110) x ϕ 32mm
- Open Tenon (H x W): 70 x 45
- Location Turning Angle: 35° ~ 90°
- Feeding Journey: 0 ~ 320 mm
- Dimensions: 850 x 740 x 1280 mm
- Weight: 300 kg

Welding Machines

Double Head Welding Machine (SHJ02-120 X 3500)



Features

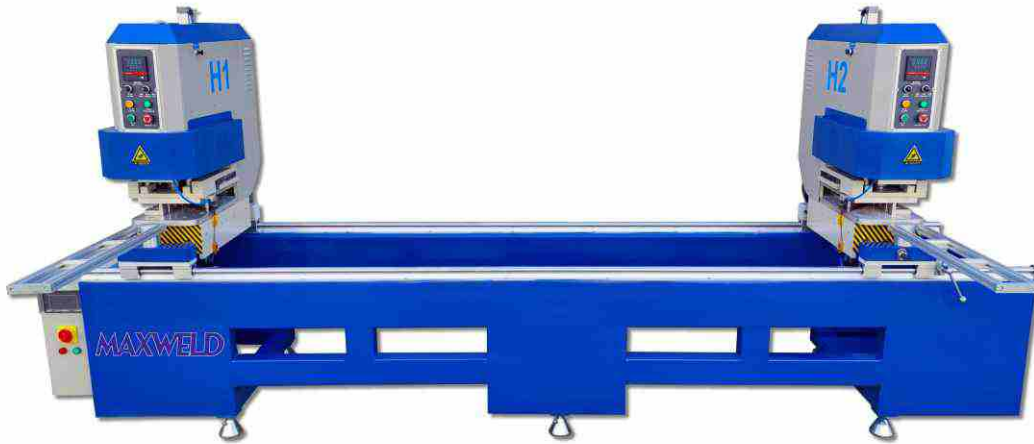
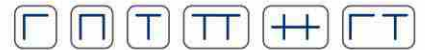
- Welding shapes shown above may be welded to a range of arbitrary angle.
- Two heads can work independently and can also be linked, flexible combination, high work efficiency.
- Square bearing system guarantees clamping, heating, locating, moving plate precision and reliable performance.
- Solid machine base and structure ensures long life with high accuracy.
- Right head could be 30°-180° arbitrary angle welding.



Electrical Specifications

Power Supply:	220V 50Hz 1P	Gas Consumption:	120 L/min	Boundary Dimension:	4400 × 1200 × 1700 mm
Input Power:	2.0 kW	Welding length:	400 - 3500 mm	Max. Weld Size:	90 mm
Working Air Pressure:	0.5 - 0.8 MPa	Welding Profile Height:	20 - 120 mm	Weldable Angle Range:	30° ~ 180°

Double Head Seamless Welding Machine (WFH-2-5MF)



Features

- Welding shapes shown above may be welded to a range of arbitrary angle.
- Two heads can work independently and can also be linked, flexible combination, high work efficiency.
- Square bearing system guarantees clamping, heating, locating, moving plate precision and reliable performance.
- Solid machine base and structure ensures long life with high accuracy.
- Right head could be 30°-180° arbitrary angle welding.

Electrical Specifications

Power Supply:	220V 50Hz 1P	Gas Consumption:	100 L/min	Scope of Welding:	Doors and Windows
Input Power:	3 kW	Welding Height:	20 - 160 mm	Min. Width:	450 - 3700 mm
Air Pressure:	0.5 - 0.8 MPa	Welding Width:	120 mm		

4 Head Welding Machine (SHJ04-120-4500)



Features

- Welding shapes shown above may be welded to a range of arbitrary angle.
- Four heads can work independently and can also be linked, flexible combination, high work efficiency.
- Square bearing system guarantees clamping, heating, locating, moving plate precision and reliable performance.
- Solid machine base and structure ensures long life with high accuracy.
- Right head could be 30°~180° arbitrary angle welding

Electrical Specifications

Power Supply:	220V 50Hz 1P	Max. Width:	120 mm	Scope of Welding:	Doors & Windows
Input Power:	4 kW	Dimensions:	5400 × 1200 × 1700 mm	Min. Width:	450 - 3700 mm
Air Pressure:	0.5~0.8 MPa	Welding Length:	400 ~ 4500 mm	Max. Weld Size:	90 mm
Air Consumption:	200L / min	Welding height:	20 ~ 120 mm	Weldable Angle Range	30°~180°

Cleaning Machines

CNC Corner Cleaning Machine



Electrical Specifications

Input Power Supply:	380V/50Hz)
Total Power:	2.2 (1.1x2) kW
Working Air Pressure:	0.5 ~ 0.8 Mpa
Air Consumption:	15 L/min
Saw Blade Diameter:	φ255 × φ25.4 135 x 25.4 x 3.2
Spindle Speed:	2800 r/min
Max. Cutting Height:	40 mm
Cutting Length:	260 ~ 2000 mm

Features

- Automatic corner cleaning with the help of the sensors.
- The system can store more than 100 programs, the milling cleaner can be set in two-dimensional geometric locus for external vertical side, and the top and bottom cutters can clean the welding seam at the same time.
- Numerical control system is a specialized system for corner-cleaning machine developed by DELTA; it adopts the most advanced LCD touch screen and computer, drive system. The main electrical components are imported components to keep its performance stable.

Manual Corner Cleaning Machine (SQJ06-120)



Features

- Cleaning the top, bottom and external surface.
- Special cutter to clean the external corner.
- Need to change the cutter to clean different kinds of profiles.

Electrical Specifications

Working Air Pressure:	0.5~0.8MPa
Air Consumption:	150L/min
Machining Profile Height:	25~120mm
Processed Profile Width:	25~120mm
Groove width:	3±0.2mm
Groove depth:	0.3±0.15mm
Dimensions:	1050×670×1370 mm

Manual Corner Cleaning Machine (SQJ06-120)



Features

- Reliable performance, convenient operation, high efficiency.
- The machine is equipped with pneumatic system.
- The machine is used for UPVC door and window transom "V" shaped welding cleaning.

Electrical Specifications

Working Air Pressure:	0.5 ~ 0.8 MPa
Air Consumption:	100 L/min
Machining Profile Height:	40 - 120 mm
Processed Profile Width:	40 - 120 mm
Groove width:	3 mm
Groove depth:	0.3 mm
Dimensions:	930 x 690 x 1300 mm
Weight:	100 kg



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