



TM

Global Services

Plastic

Welding

Technologies

uPVC Window and Doors
Manufacturing Machineries.

Economically Priced

Reliable Quality

About us

Global Services based at Coastal City of Chennai have been established during January 2012. The young team of management personals have studied at NTTF and PSG Institute of Technologies. The team has more than 15years of professional experience with various multinational companies. Having experience in plastic industry for more than a decade we have more confident to serve our customers in better manner.

We Global Services Deals with following Products in India and Neighbouring Countries,

uPVC Windows and Doors fabrication machines

Plastic Welding equipment's

Hot air Systems

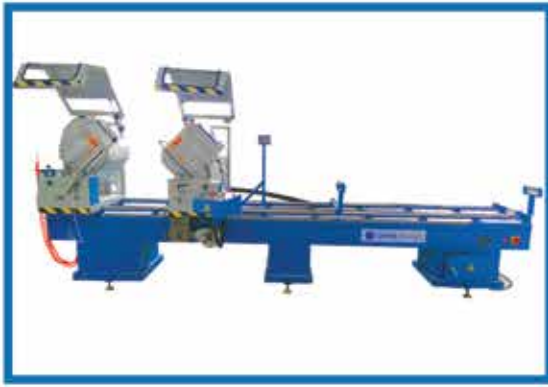
HDPE Pipe Welding Machine



In addition we provide Commissioning / installation support for uPVC Doors and Window making machines.

We also undertake AMC for the above machines based on the machine conditions. This shall be confirmed after visiting the customer sites.

Two Head Cutting Machine LJZ2 – 450x3700A

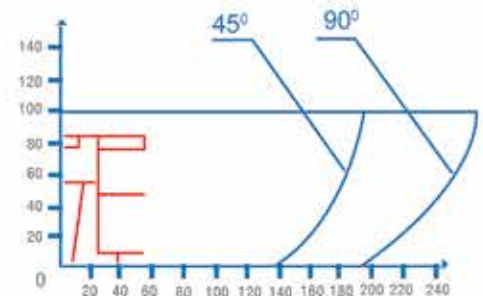


Features

90°, inside 45°, Plastic and aluminum profile. Various angle cutting is available.
 Right head moving is driven by motor automatically and easily.
 The linear guiding pair ensures steady processing accuracy.
 Saw blade rotates smoothly due to high accuracy main spindle.
 Saw blade straight feeding from inside to outside stably and precisely by pneumatic cylinder. Optional Hydro-pneumatic feeding cylinder is available.
 Carbide saw blade ensure high cutting surface precision.
 Two hand safety operation
 Safety Guard for Saw Blade Protection.
 Equipped with Digital Length reader.
 Equipped with Transformer to protect power fluctuation.

Function

For 45°~90° plastic and aluminum profile cutting.



Parameter

Air Pressure	: 0.5MPa~0.8MPa	Cutting Width	: 120mm
Air Consumption	: 50L/min	Cutting Height	: 90° 200mm; 45° 130mm
Input Voltage	: 380V 50Hz	Overall Dimension	: 6000mmx1300mmx1650mm
Input Power	: 5.25KW	Weight	: 1200kg
Spindle Rotary Speed	: 2800r/min	Overall Dimension	: 4600mmx1250mmx
Cutting Length Range	: 290mm~3700mm		

Double Mitre Saw LJB2–350x3500

Features

For 45°~90° Cutting plastic profile.
 Cutting angle stopper adjustable; can realize angle compensation.
 Chop type feeding.
 Flexible operation, efficiency and easy operation

Function

For -45°~90° plastic profile cutting.



Parameter

Air Pressure	: 0.5MPa~0.8MPa	Saw Blade Specification	: 350mmx3.0mmx30mm
Air Consumption	: 30L/min	Max. Cutting Width	: 100mm
Input Voltage	: 380V 50Hz	Cutting Length	: 450mm~3500mm
Input Power	: 3KW	Overall Dimension	: 4000mmx1120mmx1450mm
Motor Power	: 1.5KW	Weight	: 590kg
Motor Rotary Speed	: 2840r/min		
Spindle Rotary Speed	: 3155r/min		

Single Head Welding Machine SH01

Features

- 0° welding, 45° welding and Mullion Welding of PVC profile
- Welding controled by PLC and heighly reliable
- 180mm Hearing plate ensures wide range of profile wending

Function

- 0 sec for corner, mullion and 0° welding or UPVC Profile.
- Optional Machine for multi angle welding



Parameter

Air Pressure	: 0.5MPa~0.8MPa	Overall Dimension	: 960mmx900mmx1460mm
Air Consumption	: 50L/min	Weight	: 260kg
Input Voltage	: 220V 50Hz		
Input Power	: 1.5KW		
Welding Height	: 25mm~150mm		
Max. Welding Width	: 120mm		

Two Head Welding Machine SHZ2-120x3500



Features

- Welding head can work separately or cooperatively, flexible combination.
- PLC controls the welding action / program, high reliability.
- Parameters can be set to meet various profiles' processing requirements.
- Linear bearing ensures high precision welding
- Adopt high quality electrical and pneumatic components with high reliability.
- Good welding corner appearance.

Function

- Used for corner and Mullion welding of uPVC profile

Parameter

Air Pressure	: 0.5MPa~0.8MPa	Welding Width	: 120mm
Air Consumption	: 40L/min	Welding Range	: 400mmx400mm~3500mmx3500mm
Input Voltage	: 220V or 380V, 50Hz	Overall Dimension	: 4400mmx1000mmx1700mm
Input Power	: 2.5KW	Weight	: 850kg
Welding Height	: 20mm~150mm		



Three Head Welding Machine SHZ3-120x3500

Features

Welding head can work separately or cooperatively, flexible combination.
 PLC controls the welding action / program, high reliability.
 Parameters can be set to meet various profiles' processing requirements.
 Linear bearing ensures high precision welding
 Adopt high quality electrical and pneumatically components with high reliability.
 Good welding corner appearance.

Function

Used for corner, mullion welding and 0° welding of uPVC profile.



Parameter

Air Pressure	: 0.5MPa~0.8MPa	Welding Width	: 120mm
Air Consumption	: 60L/min	Welding Range	: 400mmx400mm~3500mmx3500mm
Input Voltage	: 220V or 380V, 50Hz	Overall Dimension	: 4400mmx1000mmx1700mm
Input Power	: 3.5KW	Weight	: 1080kg
Welding Height	: 20mm~150 mm		



Four Head Welding Machine SHZ4-120x4500, SHZ4G-120x4500 (Seamless Welding)



Features

Four head can work separately or cooperatively, flexible combination.
 PLC controls the welding action / program, high reliability.
 Parameters can be set to meet various profiles' processing requirements.
 Linear bearing ensures high precision welding
 Adopt high quality electrical and pneumatical components with high reliability.
 Good welding corner appearance.

Function

Used for corner, mullion welding and 0° welding of uPVC profile.

Parameter

Air Pressure	: 0.5MPa~0.8MPa	Welding Range	: 400mmx400mm~4500mmx4500mm
Air Consumption	: 80L/min	Overall Dimension	: 5400mmx1000mmx1700mm
Input Voltage	: 220V or 380V, 50Hz	Weight	: 1550kg
Input Power	: 4.5KW		
Welding Height	: 20mm~150mm		
Welding Width	: 120mm		

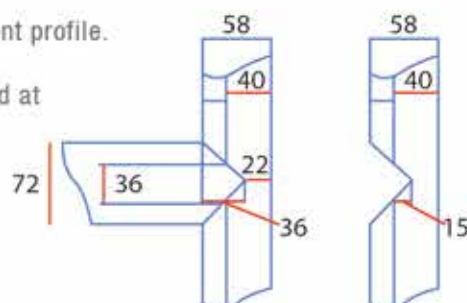




V Cutting Saw LJW-60

Features

Automatic V-cutting of UPVC Window profile
Two hand safety operation
Adjustable V-notch depth based on different profile.
Adjustable feeding speed.
Two saw blade on two separate motor fixed at 45 degree without cross



Function

Automatic v-cutting of UPVC window Profile

Parameter

Air Pressure	: 0.5MPa~0.8MPa	Max. Cutting Length	: 1600mm
Air Consumption	: 30L/min	Cutting Height	: 20mm~60mm
Input Voltage	: 380V 50Hz	Overall Dimension	: 1800mmx1380mmx1300mm
Input Power	: 1.5KW	Weight	: 220kg
Spindle Rotary Speed	: 2800r/min		
Saw Blade Specification	: 300mmx3.2mmx30mm		

Mullion Saw SJVA-55



Features

Automatic Mullion cutting saw
Two hand safety operation.
Easily adjustable depth.
Adjustable stable feeding speed.
Automatic crossing cutting two mullion end in one time.
Save profile cost and improve efficiency.
Special clamping device ensure safety operation.



Function

Used for V-shaped mullion cutting.

Parameter

Air Pressure	: 0.5MPa~0.8MPa	Cutting Width	: 120mm
Air Consumption	: 30L/min	Cutting Length	: 300mm~2100mm
Input Voltage	: 380V 50Hz	Overall Dimension	: 7500mmx1720mmx1390mm
Input Power	: 3KW	Weight	: 300kg
Spindle Rotary Speed	: 2800r/min		
Cutting Height	: 110mm		

Glazing Bead Saw SJBW-1800

Features

Automatic 45° cutting of uPVC glazing bead profile
 Special measurement scale, easy to operate.
 One time two pieces of glazing bead cutting.
 Design with adjustable mould, change the profile but not change the mould, avoid reinvestment and reduce the production preparation period.
 4 pieces of saw blade ensure precise cutting double cutting one each end to milling wood foot
 Adjustable positioning plate design with fine tuning device so that made the interior corner sealed after assembling the bead.



Function

Used for Cutting Glazing Bead uPVC Profile



Parameter

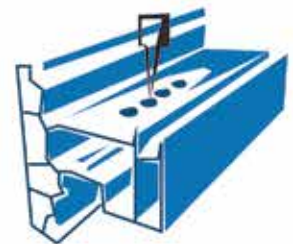
Air Pressure	: 0.5MPa~0.8MPa	Cutting Width	: 100mm
Air Consumption	: 20L/min	Cutting Length	: 320mm~1800mm
Input Voltage	: 380V 50Hz	Overall Dimension	: 2500mmx1380mmx1300mm
Input Power	: 1.1KW	Weight	: 250kg
Spindle Rotary Speed	: 2800r/min		
Cutting Height	: 33mm		

Lock Hole Milling Machine SZSB-100



Features

Formed by three-hole drill part (horizontal direction) and copy milling part (vertical direction).
 The height of three-hole drilling can be adjusted easily.
 Three-hole drill designed behind and operated easily.
 Adopt vertical axis to ensure the parallel precision of the three-hole drill.
 Easy adjustment of the processing position.



Function

Milling all kinds of lock holes.

Parameter

Air Consumption	: 0.5MPa~0.8MPa	Copy Cutter Diameter	: 5mm 8mm
Input Voltage	: 20L/min	Copy Milling Range	: 290mmx90mm (length x width)
Input Power	: 380V 50Hz	Overall Dimension	: 3150mmx1020mmx1600mm
Three-hole Cutter Diameter	: 1.1KW, 0.75KW	Weight	: 400kg
	: 12mm 10mm		



Auto Water Slot Milling Machine LXC01-3

Features

Full design with high rigidity, processing beautiful water slot, high appearance quality.
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.

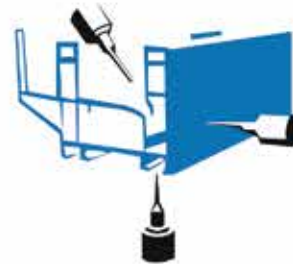
Function

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



Parameter

Air Pressure	: 0.5MPa~0.8MPa	Overall Dimension	: 1200mmx1200mmx1800mm
Air Consumption	: 30L/min	Weight	: 300kg
Input Voltage	: 220V 50Hz		
Input Power	: 1.14KW		
Main-shaft Revolution	: 25000r/min		
Cutter Diameter	: 4mm to 5mm		
Slot Length	: 0~100mm		



End Milling Machine LXD-80



Features

Manual feeding.
Changeable cutters for various profiles processing.
Two vertical clamping ensure stable positioning

Function

For mullion end surface milling, suitable for screwing connection type mullion.
Cutter to be made as per profile design

Parameter

Air Pressure	: 0.5MPa~0.8MPa	Overall Dimension	: 700mmx580mmx1540mm
Air Consumption	: 10L/min	Weight	: 105kg
Input Voltage	: 380V 50Hz		
Input Power	: 0.75KW		
Main-shaft Revolution	: 4mm to 5mm		
Max.Milling Height	: 90mm		

Auto End Milling Machine LXDW-200

Features

For end milling of Windows and Door frames in uPVC profile.
 Automatic feeding. Standard pneumatic cylinder. Optional hydro-pneumatic cylinder.
 Two vertical clamping ensure stable positioning.
 Cutter easily changing for various profiles.
 Various angle mullion milling for arch window or other special shape window.
 Hand wheel for different height adjustment.
 Safety covers on the milling cutter.

Function

For mullion end surface milling with different sections, suitable for screwing connection type mullion.

Parameter

Air Pressure	: 0.5MPa~0.8MPa	Max. Processing Dimension	: 200mmx45mmx90mm
Air Consumption	: 10L/min	Cutter Spindle Travel Range	: 36mm
Input Voltage	: 380V 50Hz	Overall Dimension	: 1060mmx800mmx1300mm
Input Power	: 1.5KW	Weight	: 240kg
Main-shaft Revolution	: 2800r/min		
Locating Board Rotate	: -55°~+55°		



V Cleaning Machine SQV 05-120



Features

- 1.Special for mullion V-shaped welding and cross welding cleaning for uPVC
- 2.Special centering device for easy adjusting
- 3.Reliable clamping and high processing quality
- 4.Two hand safety operation
- 5 Power supply not require works only with air

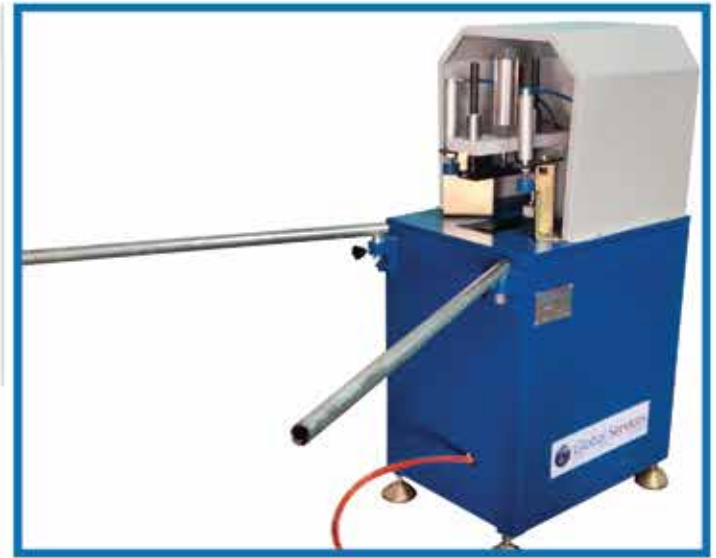
Parameter

Air Pressure	: 0.5~0.8MPa	Profile Width	: 120mm
Air Consumption	: 15L/min	Overall Dimension	: 1200x800x1600mm
Profile Height	: 80mm	Weight	: 162kg

Corner Cleaning Machine SQJ06-120

Features

Quick cleaning of top & bottom weld seam
Special rigidity design, stable operation, and good cleaning performance.
Adopt damping feeding, stable and reliable.
Good fixing device ensures perfect cleaning performance.
Easy operation and convenient for maintenance.
Works only with pneumatic power



Function

Used for cleaning the Top/bottom surfaces of uPVC profile 90° welding.

Parameter

Air Pressure	: 0.5MPa~0.8MPa	Profile Width	: 25mm~120mm
Air Consumption	: 15L/min	Overall Dimension	: 1600mmx2460mmx1710mm
Profile Height	: 15mm~125mm	Weight	: 150kg

CNC Corner Cleaning Machine SQJ-CNC-120B-3



Features

Two axis computer control system
Can clean outside vertical surface, Top/bottom welding seam
High processing precision due to size tolerance compensation function.
Can store 100 programs for various profiles processing.
Circular interpolation function to ensure the good cleaning result.

Function

For profile welding seam cleaning.

Parameter

Air Pressure	: 0.5MPa~0.8MPa	Profile Height	: 15mm~130mm
Air Consumption	: 60L/min	Profile Width	: 20mm~120mm
Input Voltage	: 380V 50Hz	Overall Dimension	: 2000mmx1820mmx1500mm
Input Power	: 1.7KW	Weight	: 700kg
Main Cutter Revolution	: 2800r/min		

Portable Corner Cleaning Machine SQ-120, SXN, SXW

Features

Special for mullion V-shaped welding and cross welding cleaning
Special centering device for easy adjusting.
No need electrical power supplying.
Two hand safety operation.
Electrical Model also available



Optional Device

Flat surface cutter

Parameter

Air Pressure	: 0.5–0.8Mpa	Profile Height	: 80mm
Air Consumption	: 15(L/min)	Profile Width	: 120mm
Weight	: 162kg	Overall Dimension	: 1200x800x1600mm
Milling Cutter Revolution	: 280r/min		

Steel Reinforcement Bending Machine SYH01–1800



Features

It's a special equipment for making various steel reinforcement profile for uPVC windows and doors.
The complete production line consists of horizontal decoiler, roll forming main machine, automatic flying cutting saw, Stop gauge & finished product run out table.
Extra-large power motor, large transmission shafts make it suitable for max. Thickness of 2.0mm steel plate.
With necessary roll molds, the machine can roll all kinds of U-shape, L-shape and other un-equilateral steel reinforcement profile.

Parameter

Input voltage	: 3-phase, 380V, 50Hz	Rolling speed	: 2–35m/min(Adjustable)
Power of Main Machine	: 7.5Kw	Horizontal Decoiler	: 1000 x 1000 x 500mm
Power of Cutting Machine	: 3.0Kw	Main Machine	: 3000 x 1200 x 1200mm
Diameter of roll shafts	: Φ70mm	Cutting machine	: 1700 x 1100 x 1250mm
Centre distance between up and bottom roll shafts	: 150–200mm(Adjustable)	Size stopper & Run out table	: 4300 x 400 x 800mm
Thickness of steel strip	: 0.5–2.0 mm		



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