



**START YOUR UPVC DOORS &
WINDOWS MANUFACTURING UNIT,**

About TAALIN

TAALIN's successful path in upvc/aluminium processing is renowned by listening to our customers and the trends & demands of the marketplace. Born from many years of experience, TAALIN's R & D departments never fails to create new practical solutions for industries and small businesses with collaboration with our customers.

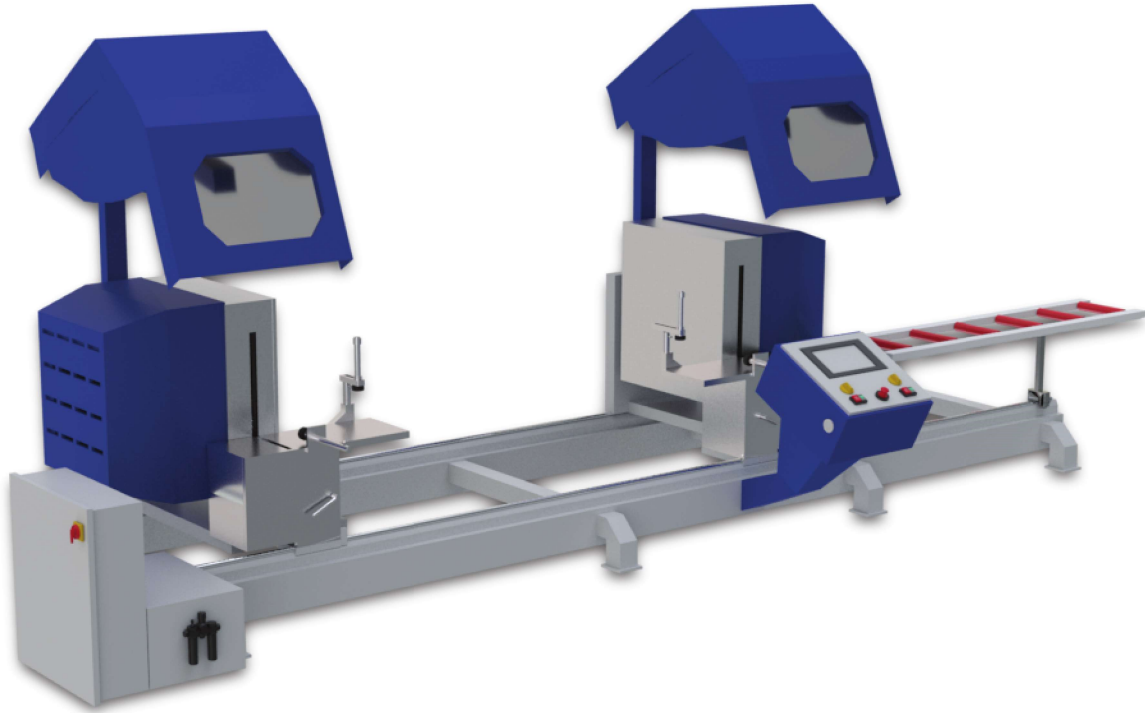
Advantages

- ▶ 100% Quality
- ▶ Reliability
- ▶ Expert advice
- ▶ International standard
- ▶ Inhouse process
- ▶ Service

Features

- ▶ Ergonomic design
- ▶ Operator friendly
- ▶ Multi operational system
- ▶ Accuracy at top notch
- ▶ World standard equipment
- ▶ High standard yet economical

Double Head Cutting Machine

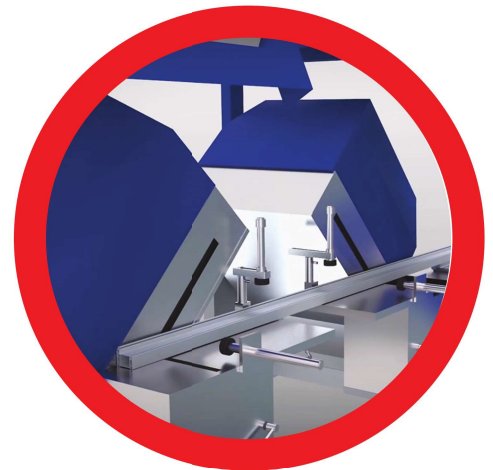


Double Head Cutting Machine

- ▶ For PVC and Aluminum profiles cutting.
- ▶ Double-hand system.
- ▶ Ultimate cutting quality. Automatic tilt movement of the saw heads to 45° and 90°. Angles between 45° and 90° can be adjusted manually and fixed easily.
- ▶ The 450mm. saw blade diameter enables to cut wide profiles of 60mm. profiles at the same time.
- ▶ Can cut minimum length of 320mm with software support and maximum of 5 meters.
- ▶ The saw blade feed speed can be adjusted.
- ▶ Fixed profile support conveyor on the mobile right provides work piece stability.
- ▶ Servo system for high accuracy.

Optional

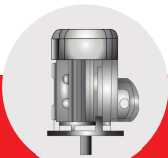
- ▶ Barcode printer.
- ▶ Cooling system to cut aluminum profiles.
- ▶ Hydro-pneumatic system for aluminum profiles.



*Customized machines with different options available on special request
#Weight and dimension of machines, as well as performances, can be changed or modified at any time without notice.



THREE-PHASE
400 VOLT



A5 KW
M3 KW



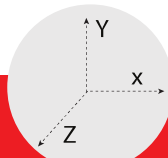
800 KGS
WEIGHT



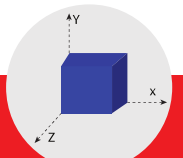
6-8 BAR



AIR
CONSUMPTION
100 LPM

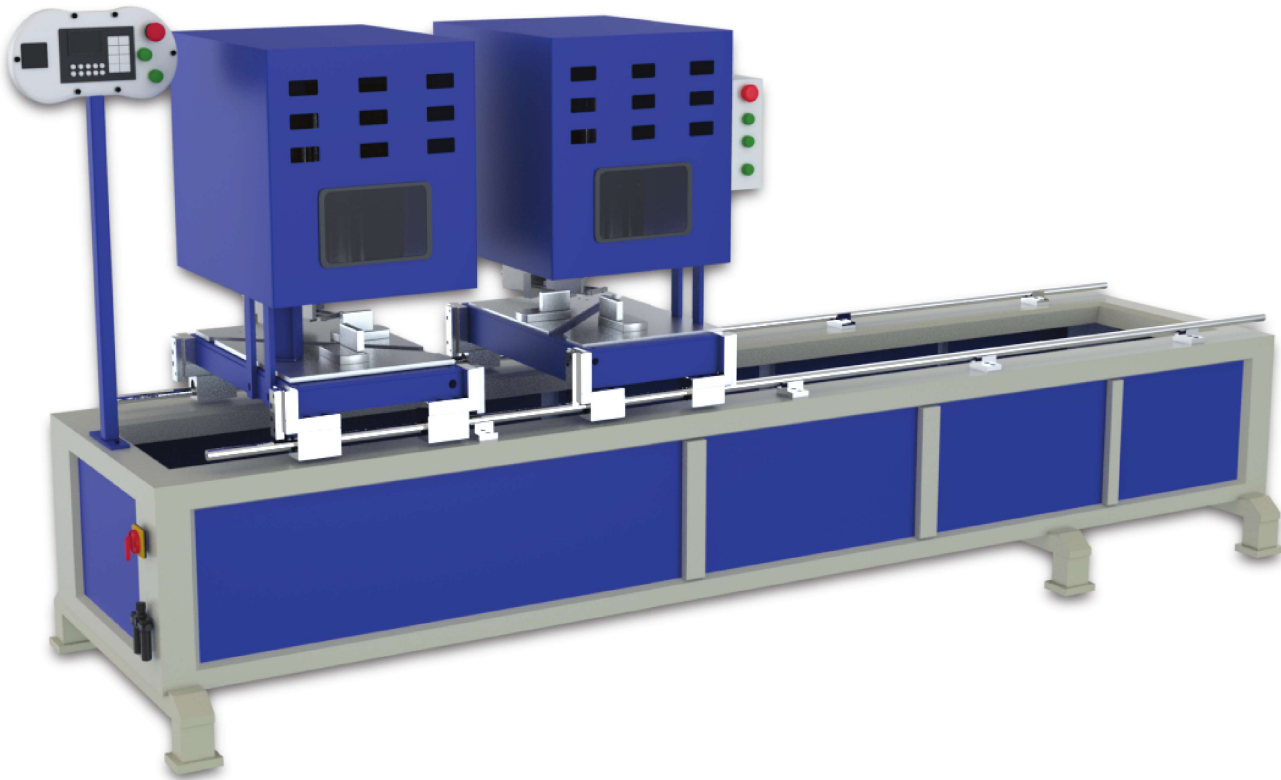


DIMENSIONS
CM
L-5100mm H-1600mm
W-1550mm



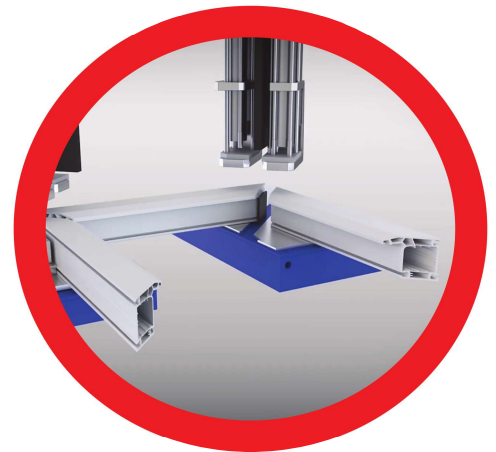
PACKAGING
CM
L-5300mm H-1700mm
W-1650mm

Double Head Welding Machine



Double Head Seamless Welding Machine

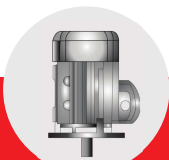
- ▶ Strongly welds two corners of PVC profiles with single operation.
- ▶ PLC control system.
- ▶ Double-hand system.
- ▶ Fixed left head allows welding at variable angles between 30°- 180°.
- ▶ Welds both colored and white profiles with 0,2mm. welding seam restriction.
- ▶ Manually movable right head welds 90°. Maximum profile height 150mm.
- ▶ Movable head is moved to the desired position manually and fixed by pneumatic brakes.
- ▶ All operations are controlled by the digital display.
- ▶ Long lasting heating plates distribute heat homogenously.
- ▶ Ability to clean the heater plates easily.
- ▶ Long lasting Teflon usage and easy change by special Teflon system.
- ▶ Practical welding fixture changing system.



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SINGLE-PHASE
230 VOLT



3KW



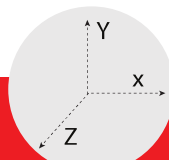
550 KGS
WEIGHT



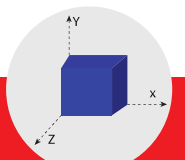
6-8 BAR



AIR
CONSUMPTION
120 LPM



DIMENSIONS
CM
L-4000mm H-1600mm
W-750mm



PACKAGING
CM
L-4100mm H-1650mm
W-850mm

Single head cutting machine



Single head cutting machine

- ▶ For Aluminum and PVC profiles cutting.
- ▶ Double-hand system.
- ▶ Pneumatic sawing feed from below with 450mm.saw blade diameter.
- ▶ The saw blade feed speed can be adjusted. Wide angle range from 22,5° to 112,5° with special location points at 45°,90° and 135°.
- ▶ Vertical pneumatic clamps ensure optimum profile fixing.

Optional

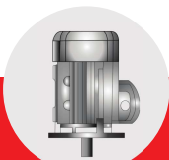
- ▶ Extraction system.
- ▶ Hydro pneumatic system for All profiles.
- ▶ Spray mist cooling system.



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THREE-PHASE
400 VOLT



1.5 KW



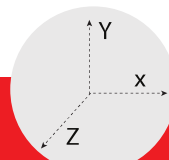
250 KGS
WEIGHT



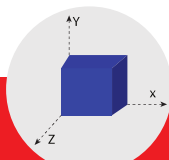
6-8 BAR



AIR
CONSUMPTION
40 LPM

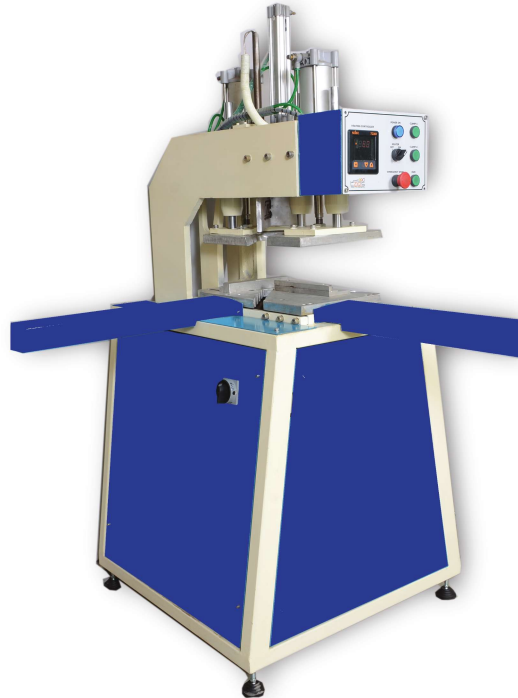


DIMENSIONS
CM
L-900mm H-1300mm
W-900mm



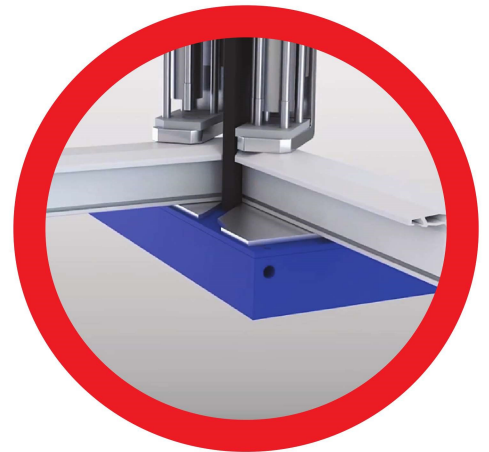
PACKAGING
CM
L-950mm H-1350mm
W-950mm

Single Head Welding machine with V welding



Single Head Welding machine with V welding

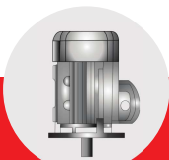
- ▶ Corner welding of upvc profiles at 90 degree
- ▶ V welding of mullion with frame profile
- ▶ Butt welding for outer frame
- ▶ PLC system for automatic operation
- ▶ Temperature display for indicating temperature
- ▶ Weld seam of 2mm for white profiles
- ▶ Maximum height of profile used 120mm
- ▶ Easy fixing of Teflon paper in heating element
- ▶ Easy fixture changing system



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SINGLE-PHASE
230 VOLT



1.5 KW



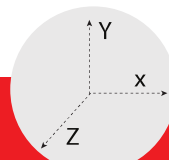
160 KGS
WEIGHT



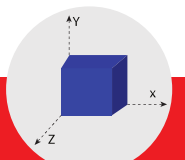
6-8 BAR



AIR
CONSUMPTION
80 LPM

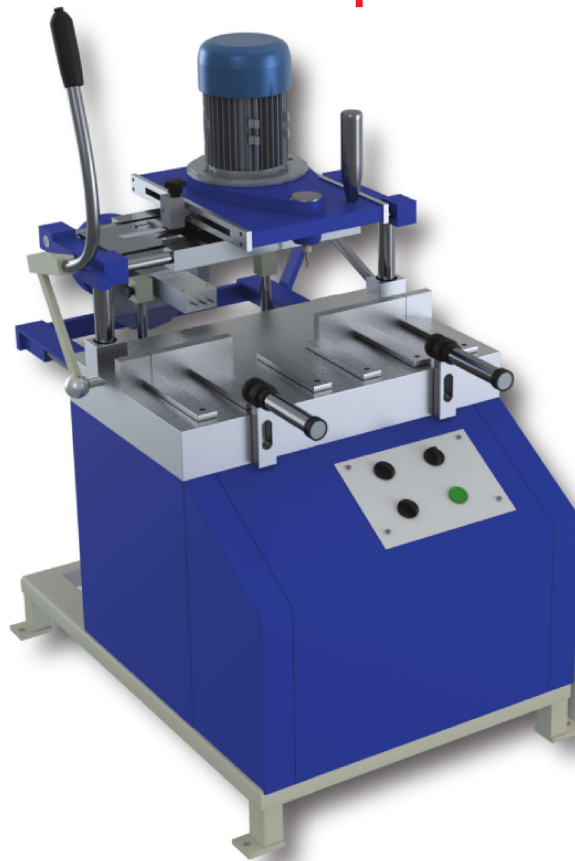


DIMENSIONS
CM
L-600mm H-1650mm
W-850mm



PACKAGING
CM
L-650mm H-1650mm
W-900mm

Copy Router with Triple drilling machine



Copy Router with Triple drilling machine

- ▶ Routing of door handle holes, lock cylinders and drain slots on PVC profiles.
- ▶ Precise routing with minimal effort and simple operation.
- ▶ Triple spindle drilling with manual feed for espagnolette holes on PVC sash profiles.
- ▶ Accurate cutting using belt driven high speed spindle.
- ▶ Manual two stepped copier pin for 6mm. and 8mm. cutter diameters.
- ▶ Possibility of template free depth adjustment and routing on two axis with measurement scale rod.
- ▶ Pneumatic profile clamping.

Optional

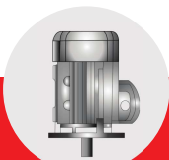
- ▶ Spray mist cooling system for routing alu profiles
- ▶ Drain slot router attachment system for three combo operation



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THREE-PHASE
230 VOLT



2.2 KW



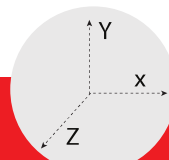
190 KGS
WEIGHT



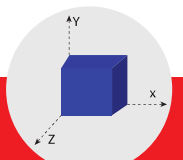
6-8 BAR



AIR
CONSUMPTION
30 LPM

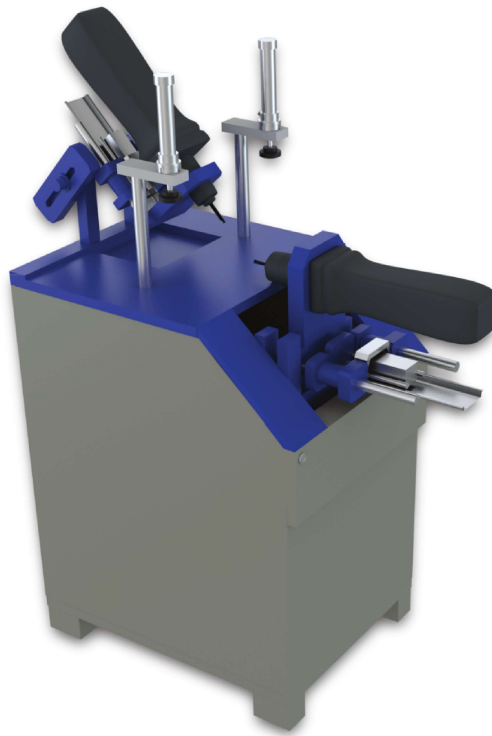


DIMENSIONS
CM
L-1000mm H-1500mm
W-700mm



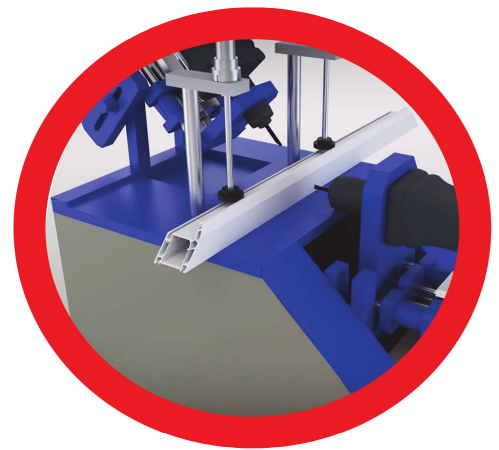
PACKAGING
CM
L-1050mm H-1550mm
W-750mm

Drain Slot Router 3/2 motors



Drain Slot Router 3/2 motors

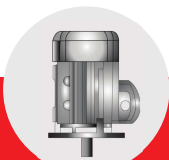
- ▶ Cuts slots for water draining in profiles
- ▶ Three motor - Top angled, Front & Down
- ▶ Two motor - Top angled & Down
- ▶ Motor speed 30000 RPM
- ▶ Vertical clamping system
- ▶ Individual/Combined motor operation
- ▶ Automated stroke movement
- ▶ Easy to adjust with clamping levers
- ▶ Maximum profile height 125 mm
- ▶ Maximum profile width 100mm
- ▶ Collet size 6mm



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SINGLE-PHASE
230 VOLT



THREE MOTORS 1.5KW
TWO MOTORS 1KW



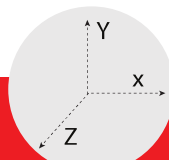
100 KGS
WEIGHT



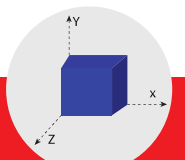
6-8 BAR



AIR
CONSUMPTION
30 LPM



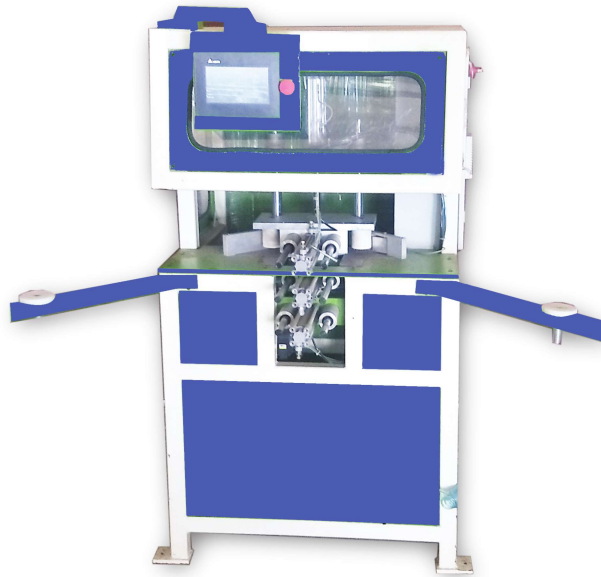
DIMENSIONS
CM
L-900mm H-1400mm
W-700mm



PACKAGING
CM
L-950mm H-1450mm
W-750mm

CNC Corner cleaning machine

3 tool machine



CNC Corner cleaning machine – 3 tool machine

- ▶ Cleans welded corners of frames & sashes with NC controlled system.
- ▶ Compact structure and convenient access to all sides of the profile.
- ▶ Advanced Servo 2 axes system for high accuracy cleaning.
- ▶ Easy program transfer using Flash disk or network connection.
- ▶ Suitable for any international profiles system with profile heights up to 130mm.
- ▶ Fast cleaning and simple programming makes machine operator friendly.
- ▶ Two set grooving/cutting knives and one disk cutter for cleaning the corners.

Optional

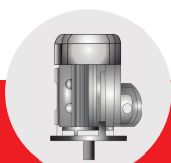
- ▶ Five tool cleaning option can be provided with gasket cleaning & track cleaning.
- ▶ Support for bigger frames/sashes attachment.



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THREE-PHASE
400 VOLT



2.5 KW



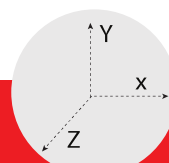
300 KGS
WEIGHT



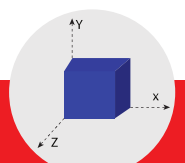
6-8 BAR



AIR
CONSUMPTION
100 LPM



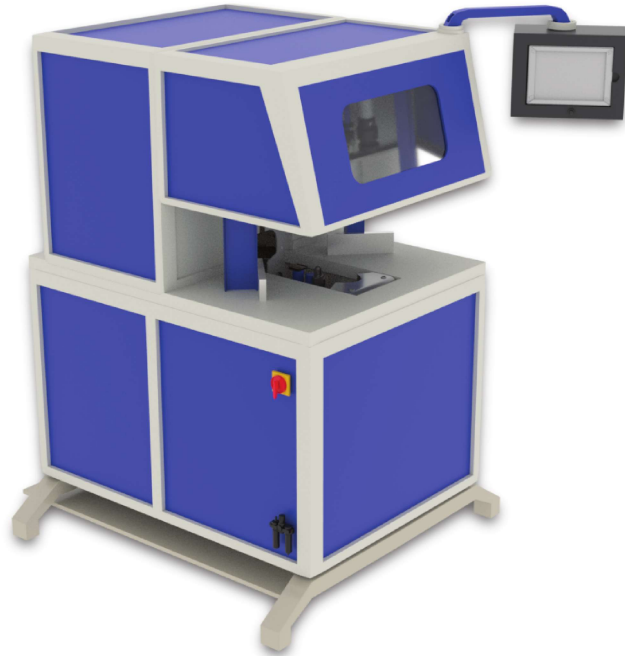
DIMENSIONS
CM
L-900mm H-1500mm
W-1050mm



PACKAGING
CM
L-950mm H-1550mm
W-1550mm

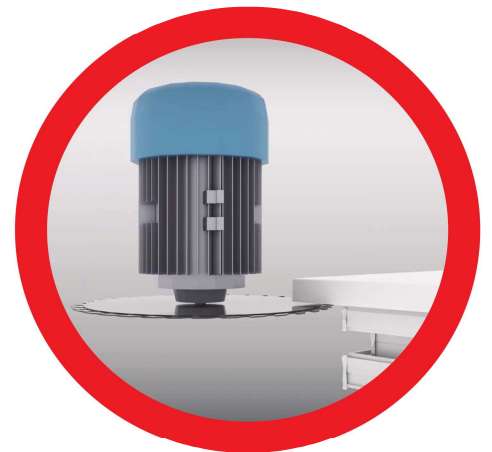
CNC Corner cleaning machine

10 tool machine



CNC Corner cleaning machine - 10 tool machine

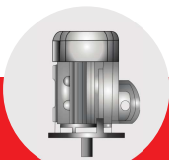
- ▶ Cleans welded corners of frames & sashes with CNC controlled system.
- ▶ Compact structure and convenient access to all sides of the profile.
- ▶ Advanced CNC 2 axes controller for high accuracy cleaning.
- ▶ Easy program transfer using Flash disk or network connection.
- ▶ 10 different tools which makes no requirement of manual cleaning.
- ▶ Suitable for any international profiles system with profile heights upto 130mm.
- ▶ Varying speed methods for faster and precise cleaning.
- ▶ Two set grooving/cutting knives, two inside cleaning knives, Inside track cleaning knife, one disk cutter and two vertical drilling.



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THREE-PHASE
400 VOLT



3.5 KW



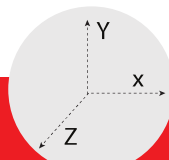
600 KGS
WEIGHT



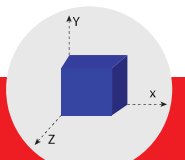
6-8 BAR



AIR
CONSUMPTION
200 LPM

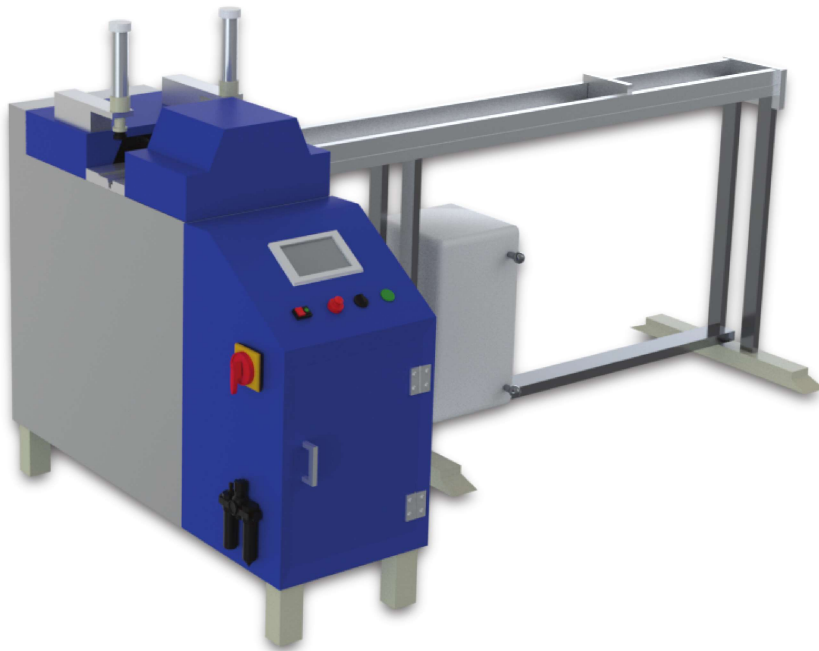


DIMENSIONS
CM
L-1600mm H-1800mm
W-2350mm



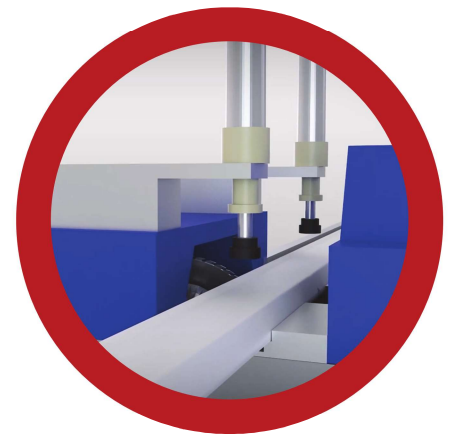
PACKAGING
CM
L-1600mm H-1800mm
W-2350mm

Automatic glazing bead saw with digital conveyor



Automatic glazing bead saw with digital conveyor

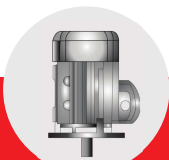
- ▶ Two special saw blades positioned at 45° for simultaneous undercutting of the glazing bead profiles.
- ▶ Double-hand system
- ▶ By means of special counterblocks two glazing bead profiles can be cut at the same time.
- ▶ Automatic operation with adjustable feed speed.
- ▶ Counterblocks can be changed easily.
- ▶ Two vertical pneumatic clamps enable optimum work piece fixation
- ▶ Digital conveyor system with high accuracy servo motors
- ▶ Economical manual conveyor with measuring scale system



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THREE-PHASE
400 VOLT



1.5 KW
0.7 KW DIGITAL



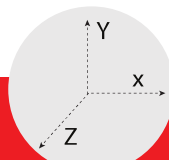
150 KGS
WEIGHT



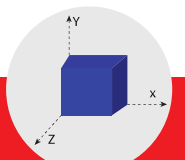
6-8 BAR



AIR
CONSUMPTION
30 LPM



DIMENSIONS
CM
L-1600mm H-1200mm
W-850mm



PACKAGING
CM
L-1650mm H-1200mm
W-900mm

Automatic End milling machine



Automatic End milling machine

- ▶ For end milling of transom in PVC and Aluminum profiles.
- ▶ Automatic feed of the milling unit.
- ▶ Ability to route at varying angles up to 45° left and 30° right.
- ▶ Vertical pneumatic profile clamping system enables optimum work piece fixing.
- ▶ Positioning of the tools with pneumatic feed cylinder.

Optional

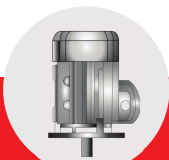
- ▶ Cooling system for aluminum profiles.
- ▶ Hydro-pneumatic feed system to route aluminum profiles.



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THREE-PHASE
400 VOLT



1.1 KW



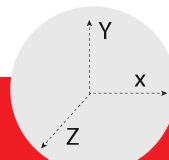
130 KGS
WEIGHT



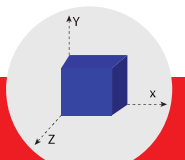
6-8 BAR



AIR
CONSUMPTION
30 LPM

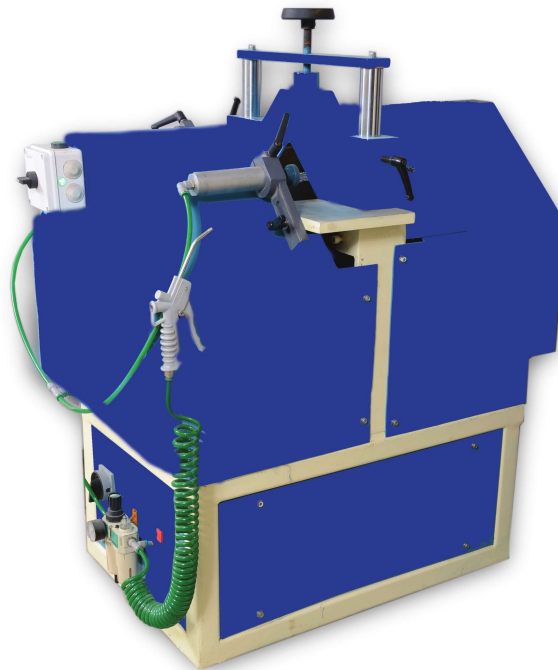


DIMENSIONS
CM
L-900mm H-1050mm
W-850mm



PACKAGING
CM
L-950mm H-1100mm
W-900mm

V Cut Saw



V Cut Saw

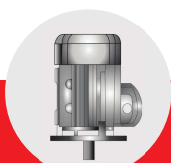
- ▶ Cuts profiles in V shape for Mullion welding
- ▶ Height adjustment for different profiles
- ▶ Horizontal Clamping system
- ▶ Simple push button for cutting profiles
- ▶ Automatic feed with adjustable speed
- ▶ Conveyor for measuring cutting length



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THREE-PHASE
400 VOLT



1.5 KW



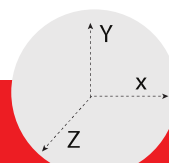
150 KGS
WEIGHT



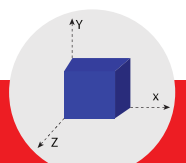
6-8 BAR



AIR
CONSUMPTION
30 LPM



DIMENSIONS
CM
L-1500mm H-1200mm
W-850mm



PACKAGING
CM
L-1550mm H-1250mm
W-900mm



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