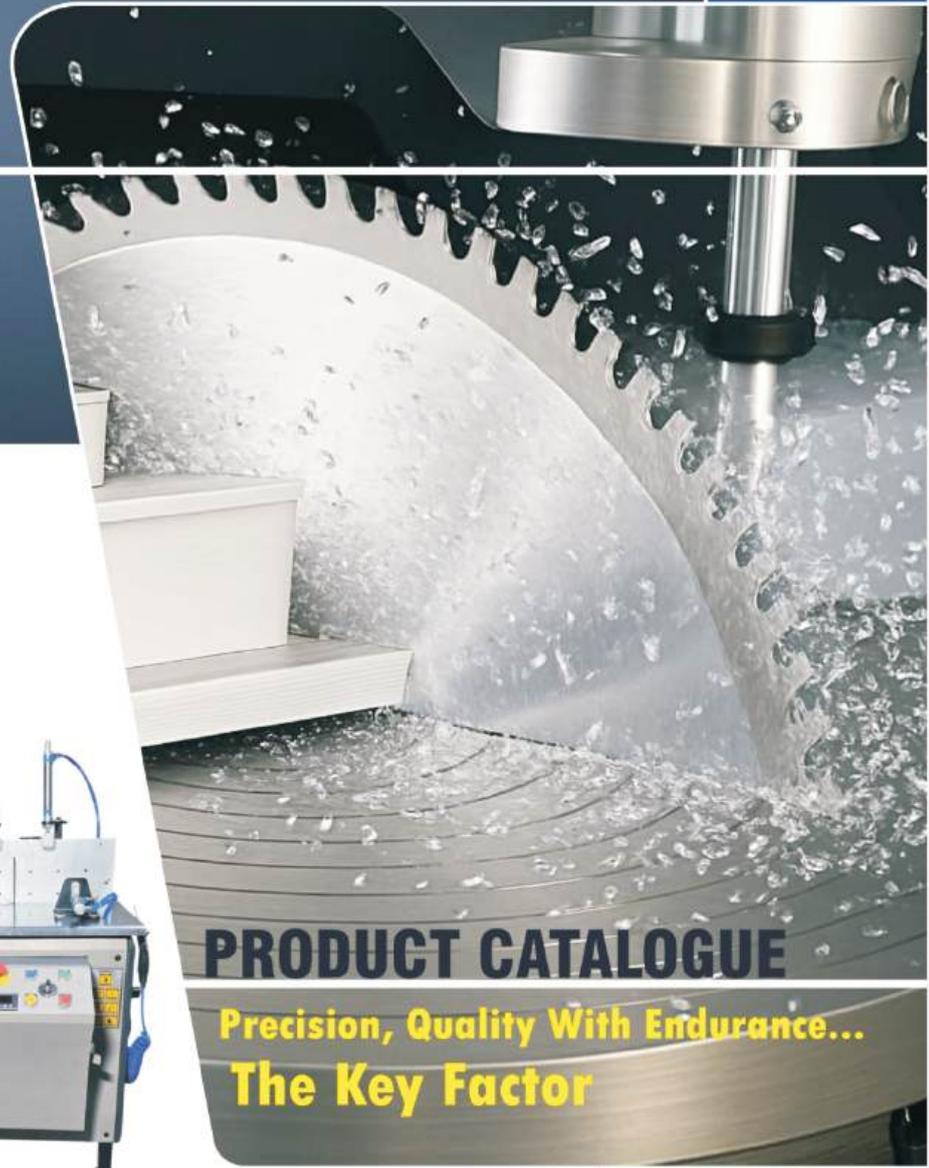




ENGINEERING
MAKE IT SIMPLE BUT SIGNIFICANT

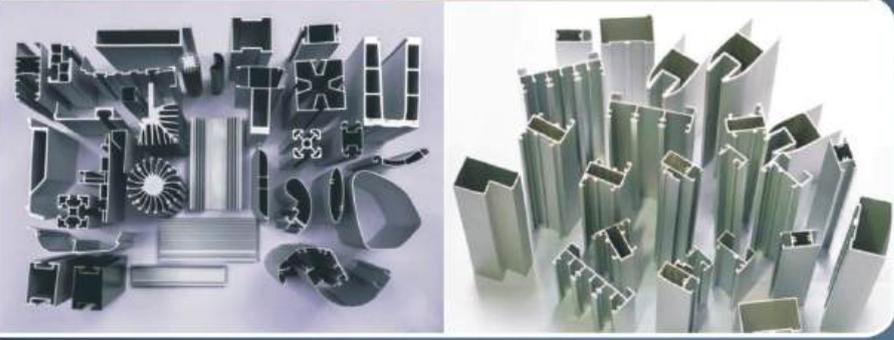
*Manufacturers of : All Type
Aluminium Section
Cutting Machine*



PRODUCT CATALOGUE

**Precision, Quality With Endurance...
The Key Factor**

CUTTING ALUMINIUM TO PERFECTION, EVERY TIME.



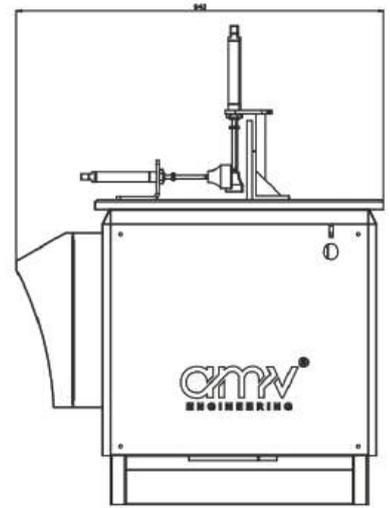
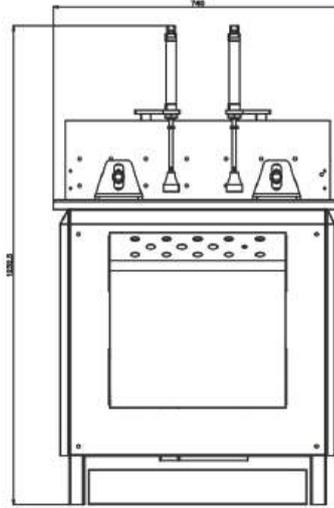
**THE ULTIMATE
PRECISION
QUALITY**



Automatic Single Head Aluminium Profile Cutting Machine

Model : AMV ASC01

Designed for UPVC and Aluminium Profiles Cutting.



Technical Specifications :

Power Supply :	220-440 V, 1 ph Or 3 ph , 50-60 Hz
Spindle speed :	4200 rpm
Total KW :	1.5 kW
Machine Height :	1020 mm
Machine Depth :	1000 mm
Machine Width :	750 mm
Machine Weight :	280 Kg (Approx)
Saw Outside Diameter :	Ø400
Inside Diameter of Saw :	Ø30
Saw Thickness :	3.5 mm
Number of Teeth :	120
Production capacity :	800 Pcs. Per Day(Approx)
Country of Origin :	India

6 Month Service Warranty.

Machine Features :

- Cutting range 45° Or 90°.
- 400 mm Carbide Freud brand Italian saw blade supplied with machine to insure quality cutting.
- Diameter of a diamond saw blade is 400 mm (Which can Replace with 300 mm, 350mm & 450 mm As Per Requirement).
- Machine provides vibrationless operation which gives precision cutting angle.
- Machine consumes less power for operating.
- For security purpose; In the case of Over Voltage Machine is tripe Automatically.
- Adjustable cutting speed with Digital display unit.
- For Up and down operation of blade; Standard Equiped with Road - Bush & Helical Rack-Pinion System.
- 25 mm Base plate makes with Grinding and hard chrome process.
- PLC base Automation Delta brand software panel which is online repairable.
- Automatic Inbuilt Diesel Spray which Increase life of saw blade, gives smooth & mirror finish cutting.
- Indicator light for availability of Diesel.
- Saw blade cover system protect blade & collect waste aluminium particles in the tray.
- Comply with branded SKF bearing with machine.
- This is ideal machine to cut uneven & odd shaped profile due to 4 manual clamp position setting.
- Machine is equipped with the 2 Horizontal & 2 Vertical manual clamp for Optimum grip.
- Machine deliver with Tool kit.
- In optional extra accessories ; roller stand, roller track with measuring tap fitting, DRO length gauge & safety cover.

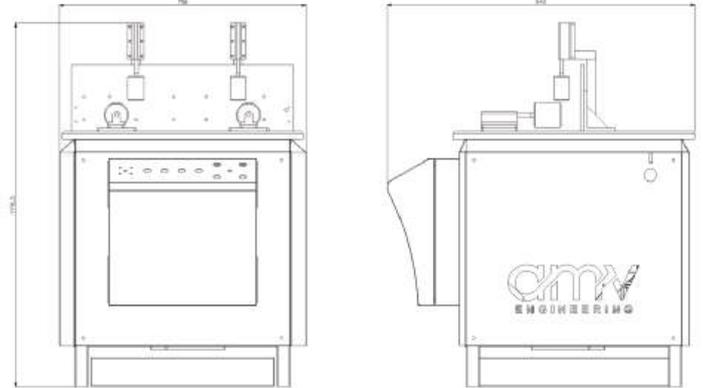
Manufacturers of : All Type Aluminium Section Cutting Machine

amv
ENGINEERING

Automatic Single Head Pneumatic Aluminium Profile Cutting Machine

Model : AMV ASC02

Designed for UPVC and Aluminium Profiles Cutting.



Technical Specifications :

Power Supply :	220-440 V, 1 ph Or 3 ph , 50-60 Hz
Spindle speed :	4200 rpm
Total KW :	1.5 kW
Air Pressure :	5-8 bar
Air Consumption :	41 lt/min
Machine Height :	1020 mm
Machine Depth :	1000 mm
Machine Width :	750 mm
Machine Weight :	280 Kg (Approx)
Saw Outside Diameter :	Ø400
Inside Diameter of Saw :	Ø30
Saw Thickness :	3.5 mm
Number of Teeth :	120
Production capacity :	1 000 Pcs. Per Day(Approx)
Country of Origin :	India

6 Month Service Warranty.

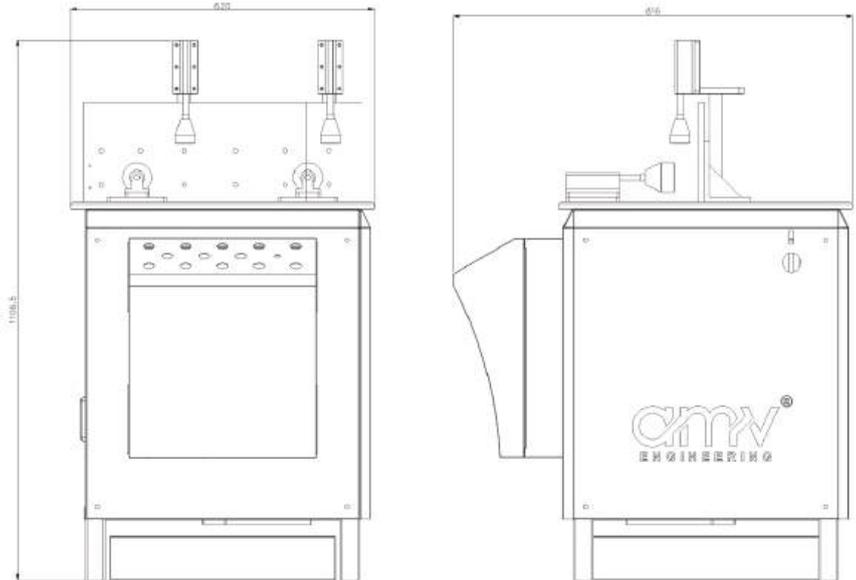
Machine Features :

- Cutting range 45° Or 90°.
- 400 mm Carbide Freud brand Italian saw blade supplied with machine to insure quality cutting.
- Diameter of a diamond saw blade is 400 mm (Which can Replace with 300 mm, 350mm & 450 mm As Per Requirement).
- Machine provides vibrationless operation which gives precision cutting angle.
- Machine consumes less power for operating.
- For security purpose; In the case of Over Voltage Machine is treap Automatically.
- Janatics brand Pneumatic Clamping system for hold the cutting material.
- Pneumatic system provide with FRL unit.
- In case of cutting of power supply; clamping system is not release the pressure.
- Adjustable cutting speed with Digital display unit.
- For Up and down operation of blade; Standard Equiped with Road - Bush & Helical Rack-Pinion System.
- 25 mm Base plate makes with Grinding and hard chrome process.
- PLC base Automation Delta brand software panel which is online repairable.
- Automatic Inbuilt Diesel Spray which Increase life of saw blade, gives smooth & mirror finish cutting.
- Indicator light for availability of Diesel.
- Saw blade cover system protect blade & collect waste aluminium particles in the tray.
- Comply with branded SKF bearing with machine.
- This is ideal machine to cut uneven & odd shaped profile due to 4 Pneumatic clamp position setting.
- Machine is equipped with the 2 Horizontal & 2 Vertical Pneumatic clamp for Optimum grip.
- Machine deliver with Tool kit & blow air gun.
- In optional extra accesories; roller stand, roller track with measuring tap fitting, DRO length gauge & safety cover.

Automatic Single Head Aluminium Profile Cutting Machine

Model : AMV ASC03

Designed for UPVC and Aluminium Profiles Cutting.



Technical Specifications :

Power Supply :	220 V, 1 ph, 50-60 Hz
Spindle speed :	4200 rpm
Total KW :	1.5 kW
Machine Height :	1000 mm
Machine Depth :	800 mm
Machine Width :	620 mm
Machine Weight :	180 Kg (Approx)
Saw Outside Diameter :	Ø400
Inside Diameter of Saw :	Ø30
Saw Thickness :	3.5 mm
Number of Teeth :	120
Production capacity :	500 Pcs. Per Day(Approx)
Country of Origin :	India

6 Month Service Warranty.

Machine Features :

- Cutting range 45° Or 90°.
- 400 mm Carbide Freud brand Italian saw blade supplied with machine to insure quality cutting.
- Diameter of a diamond saw blade is 400 mm (Which can Replace with 300 mm & 350 mm As Per Requirement).
- Machine provides vibrationless operation which gives precision cutting angle.
- For security purpose; In the case of Over Voltage Machine is trap Automatically.
- Adjustable cutting speed.
- For Up and down operation of blade; Stranded Equiped with Road - Bush & Helical Rack-Pinion System.
- 16 mm Base plate makes with Grinding and hard chrome process.
- Control card base Automation system.
- Automatic Inbuilt Diesel Spray which Increase life of saw blade, gives smooth & mirror finish cutting.
- Indicator light for availability of Diesel.
- Saw blade cover system protect blade & collect waste aluminium particles in the tray.
- Comply with branded FLT bearing with machine.
- This is ideal machine to cut uneven & odd shaped profile due to 4 manual clamp position setting.
- Machine is equipped with the 2 Horizontal & 2 Vertical manual clamp for Optimum grip.
- Machine deliver with Tool kit.
- In optional extra accessories ; roller stand, roller track with measuring tap fitting, DRO length gauge & safety cover.

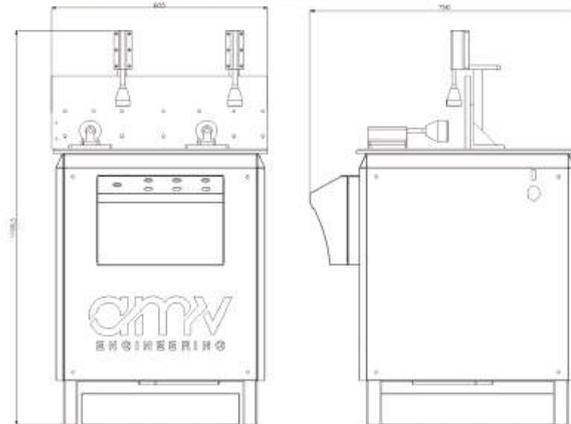
Manufacturers of : All Type Aluminium Section Cutting Machine

amv
ENGINEERING

Manual Single Head Pneumatic Aluminium Profile Cutting Machine

Model : AMV ASC04

Designed for UPVC and Aluminium Profiles Cutting.



Technical Specifications :

Power Supply :	220 V, 1 ph , 50-60 Hz
Spindle speed :	4200 rpm
Total KW :	1.5 kW
Air Pressure :	5-8 bar
Air Consumption :	41 lt/min
Machine Height :	1000 mm
Machine Depth :	800 mm
Machine Width :	620 mm
Machine Weight :	160 Kg (Approx)
Saw Outside Diameter :	Ø400
Inside Diameter of Saw :	Ø30
Saw Thickness :	3.5 mm
Number of Teeth :	120
Production capacity :	500 Pcs. Per Day(Approx)
Country of Origin :	India

6 Month Service Warranty.

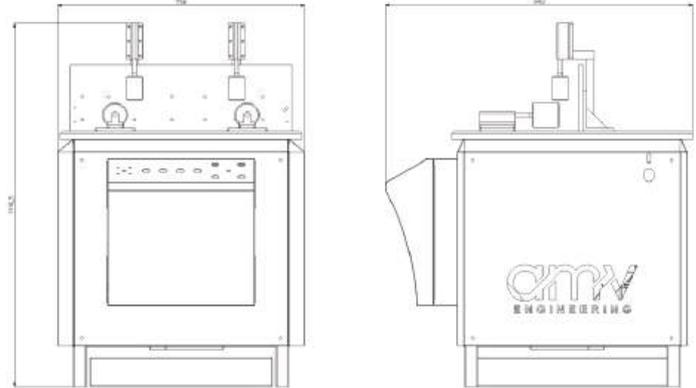
Machine Features :

- Cutting range 45° Or 90°.
- 400 mm Carbide Freud brand Italian saw blade supplied with machine to insure quality cutting.
- Diameter of a diamond saw blade is 400 mm (Which can Replace with 300 mm & 350mm As Per Requirement).
- Machine provides vibrationless operation which gives precision cutting angle.
- For security purpose; In the case of Over Voltage Machine is trap Automatically.
- Janatics brand Pneumatic Clamping system for hold the cutting material.
- Pneumatic system provide with FRL unit.
- In case of cutting of power supply; clamping system is not release the pressure.
- Adjustable cutting speed.
- For Up and down operation of blade; Stranded Equiped with Road - Bush & pneumatic system.
- 16 mm Base plate makes with Grinding and hard chrome process.
- Contractor base Automation system.
- Manual inbuilt Diesel Spray which Increase life of saw blade ,gives smooth & mirror finish cutting.
- Indicator light for availability of Diesel.
- Saw blade cover system protect blade & collect waste aluminium particles in the tray.
- Comply with branded FLT bearing with machine.
- This is ideal machine to cut uneven & odd shaped profile due to 4 Pneumatic clamp position setting.
- Machine is equipped with the 2 Horizontal & 2 Vertical Pneumatic clamp for Optimum grip.
- Machine deliver with Tool kit & blow air gun.
- In optional extra accessories; roller stand, roller track with measuring tap fitting, DRO length gauge & saftey cover

Fully Automatic Single Head Aluminium Profile Cutting Machine With DRO Unit

Model : AMV NC01

Designed for UPVC and Aluminium Profiles Cutting.



Technical Specifications :

Power Supply :	220-440 V, 1 ph Or 3 ph , 50-60 Hz		
Spindle speed :	4200 rpm		
Spindle Motor KW :	1.5 Kw		
Stepper Motor Capacity :	85 Kgs.		
Atomation System Brand :	Delta		
Air Pressure :	5-8 bar	Air Consumption :	41 lt/min
Machine Height :	1020 mm	Machine Depth :	1000 mm
Machine Width :	750 mm		
DRO Length :	3000 mm		
Machine Weight :	280 Kg (Approx)		
Saw Outside Diameter :	Ø400		
Inside Diameter of Saw :	Ø30		
Saw Thickness :	3.5 mm		
Number of Teeth :	120		
Production capacity :	1500 Pcs. Per Day(Approx)		
Country of Origin :	India		
6 Month Service Warranty.			

Machine Features :

- Cutting range 45° Or 90°.
- 400 mm Carbide Freud brand italian saw blade supplied with machine to insure quality cutting.
- Diameter of a diamond saw blade is 400 mm (Which can Replace with 300 mm, 350mm & 450 mm As Per Requirement).
- Machine provides vibrationless operation which gives precision cutting angle.
- Machine consumes less power for operating.
- For security purpose; In the case of Over Voltage Machine is trap Automatically.
- Janatics brand Pneumatic Clamping system for hold the cutting material.
- Pneumatic system provide with FRL unit.
- In case of cutting of power supply; clamping system is not release the pressure.
- For Up and down operation of blade; Stranded Equiped with Road - Bush & Helical Rack-Pinion System.
- 25 mm Base plate makes with Grinding and hard chrome process.
- PLC base Automation Delta brand software panel which is online repairable.
- 7 inch digital display with auto adjust speed of cutting and auto capture of cutting material's hight measurement.
- Automatic Inbuilt Diesel Spray which Increase life of saw blade, gives smooth & mirror finish cutting.
- Indicator light for availability of Diesel.
- Saw blade cover system protect blade & collect waste aluminium particles in the tray.
- Comply with branded SKF bearing with machine.
- This is ideal machine to cut uneven & odd shaped profile due to 4 Pneumatic clamp position setting.
- Machine is equipped with the 2 Horizontal & 2 Vertical Pneumatic clamp for Optimum grip.
- linear motion on rack pinion base nylon roller track that gives accurate and fast measurement setting on profile to cut.
- Machine deliver with Tool kit & blow air gun.
- In optional extra accessories : Automatic safety cover

Manufacturers of : All Type Aluminium Section Cutting Machine

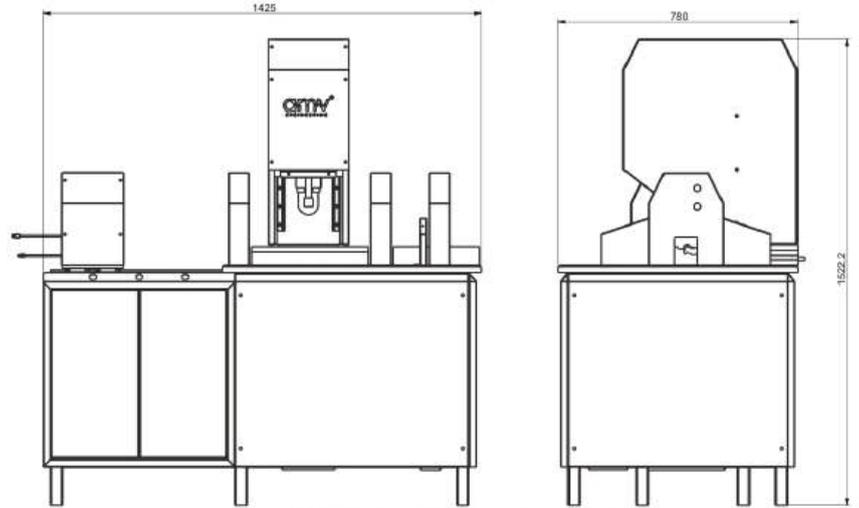


Fully Automatic Autofeed Hinges Making Machine

Model : AMV HMM01

Designed for UPVC and Aluminium Profiles Cutting.

Welcome To The Feature Demo Of Our State-of-the-art Aluminium Hinges Machine – Designed For Precision, Durability, And Speed.



Technical Specifications :

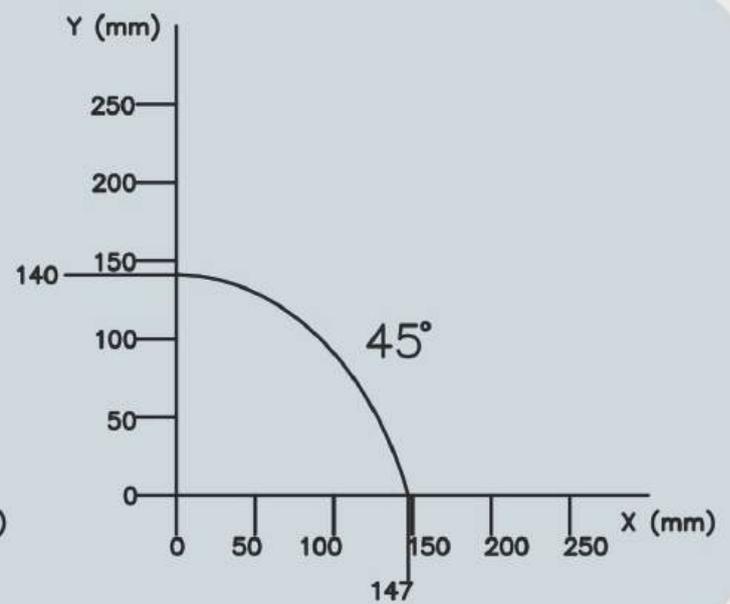
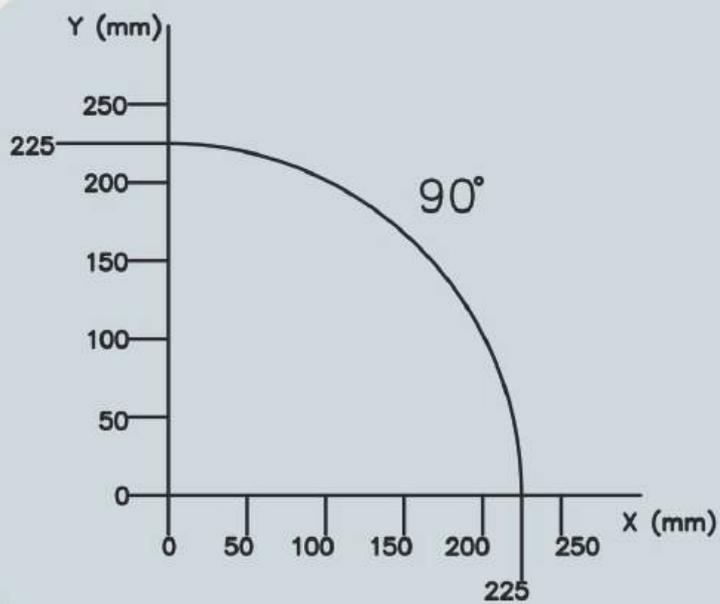
Machine Dimensions :	Length: 1425 mm, Width: 780 mm, Height: 1522 mm
Electrical Requirement :	220V / 440V, 50Hz
Power Consumption :	3 Kw
Hinge Size Range :	3" to 6"
Operations :	Autofeeding, Cutting, Drilling
Output Rate :	3-4 hinges per minute
Spindle Speed :	2000 - 9000 RPM
Control Panel :	Digital Touchscreen
Auto Feeding :	Yes
Programmable Steps :	Yes
Net Weight :	600 kg (Approx)
Safety Features :	Overload Protection, Emergency Stop Button, Sensor-Based Safety
Lubrication System :	Auto
Annual Maintenance Contract :	Available
Panels :	Easy to Access

6 Month Warranty.

Machine Features :

- Crafted with a high-grade M S Steel material, this machine ensures stability and corrosion resistance, even under heavy-duty use.
- An intelligent auto-feeding mechanism guarantees seamless operation, increasing efficiency and reducing manual workload.
- Equipped with high-speed spindles and carbide tools, the machine offers precise drilling and slotting — ensuring perfect hinge placement every time.
- An intuitive control interface with programmable settings allows operators to manage multiple hinge types with minimal training.
- Capable of processing up to [3] hinges per minute, this machine delivers unmatched productivity for high-volume operations.
- Integrated safety systems, including automatic shut-off and overload protection, ensure safe operation for your team.
- Quick-change tooling and adjustable settings make it ideal for a wide variety of aluminum hinge designs.
- Designed with easy-access panels and self-lubrication options to minimize downtime and maintenance efforts.
- Designed with easy-access panels and self-lubrication options to minimize downtime and maintenance efforts.
- Whether you're scaling production or improving quality, our Aluminium Hinges Machine is the reliable partner your operation needs.

CUTTING RANGE CHART



Semi Automatic Single Head
Aluminium Copy router Machine

Model : AMV CR01

Designed for UPVC and
Aluminium Profiles Slotting

Manual Copy Router Machine



Technical Specifications :

Motor Power :	900 watt(Dongchang); 1300 watt(Bosch)
Router Bit :	8 mm
Frequency :	50 - 60 Hz
Voltage :	230 V
Weight :	45 Kgs (Approx)
Machine Height :	550 mm
Machine Length :	500 mm
Machine Width :	550 mm
Machining Capacity :	X - 250 mm; Y - 55 mm; Z - 90 mm
Clamping capacity :	120 mm
No Load Speed :	26,000 RPM(Dongchang); 28,000 RPM(Bosch)
Cutting capacity :	2 - 2.5 mm(Dongchang); 3-4 mm(Bosch)
Country of Origin :	India

Machine Features :

- Complete heavy duty MS metal body Structure.
- Carbide router bit included with machine which gives smooth & perfect slot.
- Heavy router motor insures powerful performance everytime (which replace with Bosch or Dongchang brand as per requirement)
- AMV CR01 gives highest hight & width in routing performance.
- Operate with road - bush (XYZ axise); which give smooth movements without low noise & vibration at time of working condition.
- For less power consumption ; machine is mounting with a sensor which only provide power at working time.
- Template plate makes from hard MS material which gives accurate slot cutting for long time.
- Template plate has more than 20 slots (it is modify as per requirement)

