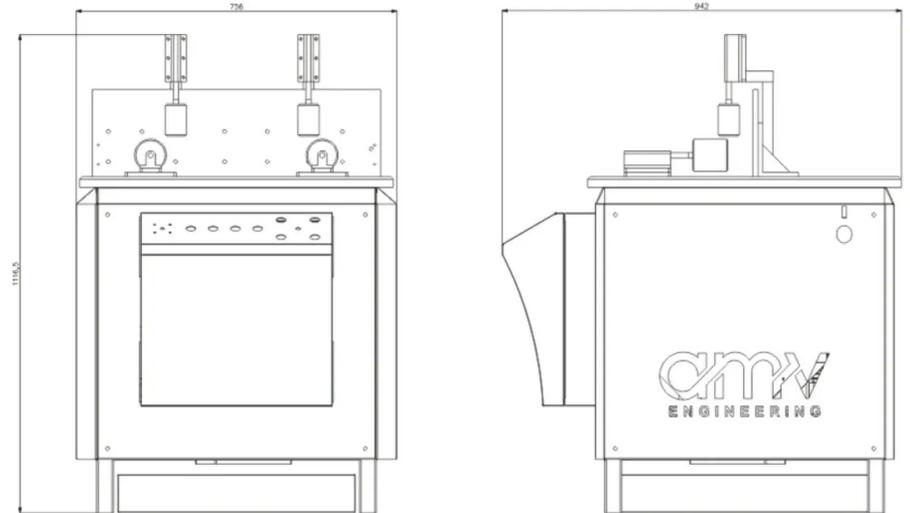


Fully Automatic Single Head Aluminium Profile Cutting Machine With DRO Unit

**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		
<b>6 Month Service Warranty.</b>			

### 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