



OMRM 133

Automatic Double Head Aluminium Profile Cutting Machine

Designed for PVC & aluminium profiles cutting.

- Cutting length size and angle degree are entered from LCD-display on control panel
- Automatic head position for 45° and 90 °degrees, easy adjustment for intermediate angles
- Diameter of a diamond saw blade is 550 mm
- Output of disk is 200 mm
- Servo motor motion system for fast positioning and maximum cutting precision *
- Providing high-precision linear motion systems *
- Horizontal pneumatic clamping kit
- Vertical pneumatic clamping system
- Small size cutting system
- Memory size of 500 steps including quantity, length and angles of cuttings
- Possibility of manual length size adjustment
- Magnetic rule length control system
- PLC control system

- Hydropneumatic and cooling systems for aluminium profile cutting
- Multilanguage support
- Repetitive cut program; fixed length – fixed angle
- Extra length cut program (over 4 mt.)
- Adjustable cutting speed
- Single head operation possibility
- Industrial dust exhaust
- Bearing conveyor for the movable head
- Intermediate profile support for long size cutting
- Particular care has been taken over the safety measures, both mechanical and electrical
- Power supply protects system from voltage overload
- Servo control mechanical movement

Technical Specifications

- Power Supply: 380-400 V, 3 ph, 50-60 Hz
- Spindle speed : 3000 rpm
- Total KW : 6 kW
- Air pressure : 6-8 bar
- Air Consumption : 11 lt/min
- Machine Height : 1870 mm
- Machine Length : 6100 mm
- Machine Width : 1890 mm
- Machine Weight : 1450 kg
- Saw Outside Diameter : Ø550
- Inside Diameter of Saw : Ø30
- Saw Thickness : 4 mm
- Number of Teeth : 120 -132
- Machinable Minimum Profile Length : 550 mm
- Machinable Maximum Profile Length : 5000 mm

