

Abrasive Cut Off Machine

Baincut Large Auto

Automatic Large heavy Duty Cutting Machine



- Sliding Door
- Three Axis Movement
- PLC with graphical Touch display

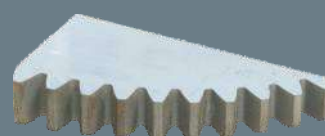
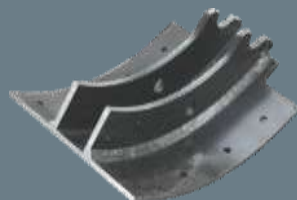
Chennai Metco



Automatic Large plus
heavy-duty cutting
machine with Integral
construction.

Standard Y automation.
Pulse cutting for burn
free cutting.

Preset parameters for
consistency.





T-Slot Table
254 x 355 mm X 2 nos



Cleaning Jet



Powerful LED Light



Door Safety Inter Lock (Option)



Cut off wheel
cooling systems



Emergency Stop

Sturdy Floor Model cutter for Metallographic sectioning of Metals, Ceramic and Mineral samples

Rust proof Steel construction with Sliding door

Cutting Capacity up to 110 mm Dia or 100 x 150 mm for standard steels

Corrosion Resistant Cutting Chamber for a long product lifetime

7.5 HP (5.5 KW), 3 Phase Motor

Spindle speed 1850 RPM

Cut-off wheel Dia 14" (350 mm)

Intelligent Force control system

Advanced Touch Screen Panel – Cycle Start, LED Light, Emergency Stop, Start Button with Door Safety Limit Switch and Pre Set Programme

Ergonomic "Z" Movement Cutting Wheel

Easy Flow Cutting Chamber with Special Floor Coating

Cutting action- Automatic " Y "movement (Table) with Servo System

7" PLC with Advance Graphical Touch Screen Display

Variable Feed Rate with Cutting Length

The machine offers also manual mode for increased flexibility

Splash proof, corrosion resistant doors see-through hood

Cooling by three high flow water jets to provide optimum cooling

Cut Off Wheel Cooling System

Coolant Tank with 120 litres capacity

One large 65 mm drain for coolant recirculation

0.3 Kw Coolant Recirculation Pump

Flash cleaning attachment with hook for mounting

Powerful LED Light in the working area provides clear illumination

T Slot Bed: 254 X355 mm X 2 nos with 12mm T-Slot

Screw vise Set

Y Movement (Longitudinal sectioning)

X-Movement : This helps to move the specimen and make parallel cut to get a slice

Voltage: 415V/50 Hz (R+Y+B+N+E)

Machine Size: 1520mm x 960mm x 1600mm (LxDxH)

Machine Colour: Enclosures RAL 7040, Base & Stand RAL 7016

Coolant Tank

Coolant Tank with 120 ltrs capacity

65 mm drain for coolant recirculation

0.3 Kw Coolant recirculation pump

Optional Accessories

Koppel Fixture (Imported)

- Note: Additional Fixture to hold irregular shaped components

Koppel Fixture (Indigenous)

Special Fixture

- Note: Fixture that can be designed specifically for your components

Coolant spillage tray

- Note: It helps while cutting extra lengthy samples

Door Safety Inter Lock System

- Note: Additional Safety Feature where the Door cannot be opened unless the Cutting process is stopped

Magnetic Separator

- Note: This helps to separate the dust particles and sends the clean coolant for the recirculation

Variable Speed System

- Note: Cutting Wheel RPM can be varied from 1000-3000 RPM

Phase Monitoring System

- Note: In the event of failure of one phase, this unit will stop the Machine and protects the motor from overheating and failure

Loto Switch & Tag Out

- Note: During Maintenance and Break Downs the Loto Switch can be switched off and locked with the tag key. This prevents from switching on the machine by mistake and avoids damage

Auto Wash

- To set the required time and leave the machine to clean automatically, So that you can save operator Cleaning time.

Fume Digester

- Note: Note: This helps to recirculate the fume caused while cutting into coolant. Gives clear vision on cutting process and also avoid human health hazards

Variable Speed System With Electronic Braking System

- Note: Additional safety feature to stop the motor and the cutting wheel immediately once the cutting is stopped

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