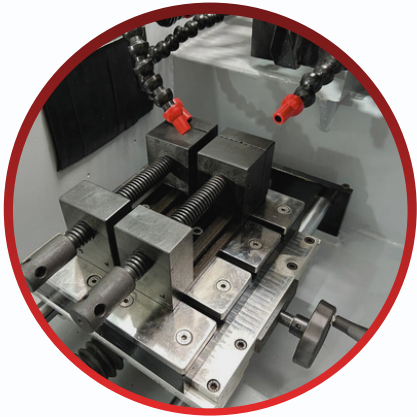




Modern Metallurgical



CUTTING AREA

Heavy-duty cutting chamber with fully enclosed structure



MOTOR

Low vibration, stable cutting performance



PANEL BOX

Front-mounted user-friendly control panel



LED PANEL LAMP

Bright white LED lighting for clear visibility

METALLURGICAL CUTTING MACHINE !



**MODERN HEAVY DUTY ABRASIVE CUT-OFF MACHINE
EXTRA LARGE PLUS
MODEL : MODERN CUT - 5**

TECHNICAL SPECIFICATION :

- Sturdy Floor Model Cutter for Selecting Metal and Mineral samples.
- Heavy Fabricated structural cabinet.
- Cutting capacity up to 130 mm Dia./ 100 mm Height X 500 mm Long 
- Standard steels (Not Significant For all Materials)
- 10 HP,(7.5KW) phase motor,2880 rpm, TEFC water proof insulation With Belt Drive
- Belt Drive Mechanism for efficient cutting
- Variable speed System Wheel RPM start from 500 to 3000
- 0.18 Kw coolant pump.
- Splash proof, Corrosion resistant MS cover with see-through Hood
- Overload protection provided for safe operation of motors.
- Safety limit switch provided to stop motor when hood is opened.
- Heavy Large 500 mm X 350mm Aluminium Bed 
- 12mm T – slotted bed for fixing Different Type of clamps
- ThreeAxis Movement (X,Y,Z)
- MULTI PURPOSE TWIN THREADLOCK VISES for holding samples
- Small opening in the side wall for extra length jobs & 110mm height X 500 mm length
- Cut – off wheel diameter 16” (400mm)/14” (350mm)
- Cooling by four high flow water jets to provide optimum cooling
- One large (70 mm) drain, re-circulation coolant tank with 120 Ltrs Capacity
- Suitable-filtering part is provided to filter slugs formed during cutting
- Cleaning Hose hand flush jet to clean the working area of the Machine
- LED light illumination inside the chamber to illuminate the cutting area.
- Machine size: 1500 X 1600 X 1800 mm. Weight: 550 Kgs Approx.



ACCESSORIES :

- Cut Of Wheel: 400 X 2 X 31.75 mm 16" inches (Low Hardness)
- Cut Of Wheel :400 X 2 X 31.75mm 16" inches (High Hardness)



Cut Of Wheel

OPTIONAL ACCESSORIES :

- Koppel Fixture (Sample Holding for irregular Jobs)
- Mould clamp with T-bolt
- DOOR INTERLOCK : It is utilized in order to assist in staving off machine that cause harm to the machine itself or to the operators
- Variable speed System Wheel
- RPM start from 500 to 3000



Koppel Fixture



Mould clamp



Door Interlock



Variable speed



Modern Metallurgical & Scientific Services

SINCE 2005 | AN ISO 9001 : 2015



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