



Modern Metallurgical

METALLURGICAL CUTTING MACHINE !



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



**MODERN HEAVY DUTY ABRASIVE CUT-OFF MACHINE
MODEL : MODERN CUT - 3**

TECHNICAL SPECIFICATION :

- Sturdy Floor Model Cutter for Selecting Metal and Mineral samples.
- Heavy Fabricated structural cabinet.
- Cutting capacity up to 90 mm Dia./ 70 mm Height X 400 mm Long ✓
- Standard steels (Not Significant For all Materials)
- 5HP,(3.7 KW) phase motor,2880 rpm, TEFC water proof insulation.
- 1/3 HP 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 250 mm X 250 mm Aluminium Bed ✓
- T – slotted bed for fixing Different Type of clamps
X – Y Movement (X Movement 50MM)
- TWIN THREAD LOCK VISES for holding samples
- Small opening in the side wall for extra length jobs & 100 mm height X 400 mm length
- Cut – off wheel diameter 12” (300 mm)
- Cooling by four high flow water jets to provide optimum cooling
- One large (50mm) drain, re-circulation coolant tank with 100 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
- CFL Fluorescent light illumination inside the chamber to illuminate the cutting area.
- Machine size: W 950 X 900 X 1600 mm. Weight:350Kgs Approx



ACCESSORIES :

- Cut Of Wheel : 300 X 1.5 X 31.75 mm 12 “ inches (Low Hardness)
- Cut Of Wheel :300 X 1.5 X 31.75mm 12” inches (High Hardness)



Cut Of Wheel

OPTIONAL ACCESSORIES :

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



Koppel Fixture



Door Interlock



Variable speed



Modern Metallurgical & Scientific Services

SINCE 2005 | AN ISO 9001 : 2015



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