



VERTEX

ABRASIVE CUTT OFF MACHINE (For Metallurgical Lab)



The chop type cut off machine is suitable for quick and clean cutting of metallographic specimen from rods & tubes etc. Abrasive cutter is rugged, sturdy and designed to cut Metallurgical Samples to optimal quality consistently and safely. Cutting Wheel spindle is connected with motor shaft by pulley and belt mechanism. The movement of cutting wheel towards the specimen is applied by handle fixed with motor base pivot spindle and the cutter unit is balanced by springs for smooth chop type movement.



Features & Technical Specification:

- Machine is covered with Mild Steel powder coated sheets
- Specially designed Vice to hold any kind of piece.
- Absolute minimal deformation, cool & burn-free sample production.
- Large and Effective coolant delivery with adjustable focused vains fitted on wheel guard.
- Coolant circulation System is provided with suitable filtering arrangement.
- Light attachments system is provided for clean and accurate cutting of samples.
- Large Viewing window to monitor the cutting operation.
- Cutting Operation By manual cut-off wheel in chop type procedure.
- 3 HP, 3 Phase 1440 RPM AC Motor
- Cutting Capacity Up to 100 mm Dia
- Water Coolant Recirculation System with Storage Tank
- Cooling by two high flow water jets to provide optimum cooling
- 0.1 KW Three Phase Coolant Pump
- Max Cutting Wheel Size: 350X31.75X2 mm
- Spindle Speed 2800 RPM
- 100 mm Self Centering 360 Degree Revolving Vice
- X-Y Movement for Sample Adjustment
- Small opening in the side wall of the hood for sectioning extra long samples
- Splash proof, corrosion resistant with see through hood

Consumables:

Abrasive Cutt Off Wheel

Coolant



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Actual product may differ in color and appearance due to constant development.