



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

HEAVY DUTY METALLOGRAPHIC ABRASIVE CUT-OFF MACHINE

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



ACO-200

**DESCRIPTION:**

Our **ACO-200** Heavy duty metallographic abrasive cut-off machine can be used to cut various metal and non-metal materials so as to get specimen and observe the metallographic or lithofacies structure. It has built in cooling system so as to clear up the heat produced during cutting and avoid to burn the metallographic or lithofacies structure of specimen because of heat.

ACO-200 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 downward movement.

FEATURES:

- Heavy duty abrasive cutting machine.
- Large viewing window to monitor the cutting operation.
- Illuminated Inside chamber for monitoring the cutting operation.
- Coolant circulation is provided with suitable filtering arrangement.
- Emergency stop switch with door limit switch.
- Door safety Interlock.
- Side opening for longer component.
- Easy operator panel.

TECHNICAL SPECIFICATION:

Model No.	ACO-200
Cutting capacity	200mm
Cutting action	By manual cut-off wheel Arcs down
Cut-off wheel size	Up to 20" (500mm) S
Vice	8" Vice with T slot bed for clamping of components
Cutting motor power	15 HP, (Bharat Bijli) 3 Phase 440Volts, 50Hz
Coolant motor pump	0.24 HP, 3 Phase (70LPM)
Coolant tank	100 Ltr. Recirculating coolant tank inbuilt
Cooling	By 3 high flow water jets to provide optimum cooling
T slot bed	450x450 mm
Travel (X Y)	200x300mm
Light in the working area	LED light in the working area provides safe and clear illumination.
Safety feature	Emergency stop switch with door limit switch
	Oscillation shall be provided for smooth cutting
	Splash proof, corrosion resistant see-through hood
Dimensions	1100mm X 1650mm X 1970mm (approx.)
Weight	1200 Kg. (approx.)

* Due to continues product development, product image & Specifications are subject to change.

* Customization can be done as per user requirement.