

ABRASIVE CUTTING MACHINE

HCM-150 Abrasive cutting machine designed to cut various metal and non-metal samples to optimum quality. It is helpful to prepare specimens in factories, scientific research institutes, and laboratory colleges. Large space in the cutting zone offers flexibility to use a wide variety of fixtures. Also, this model has a cooling system to reduce the heat produced during the cutting process to avoid burning the metallographic structure of the specimen because of heat. Suitable for a variety of applications including small gears, medium-sized auto components, and shafts.

Key Features

- Large viewing window to monitor the cutting operation.
- illumination in cutting chamber.
- Recirculation coolant system.
- Emergency Stop Switch
- Door limit Switch for Door Safety Interlock
- Two Side Opening for Longer Components.
- Easy Operator Panel
- corrosion resistant



HCM-150

TECHNICAL SPECIFICATION	HCM-150
Operation	Manual / Automatic
Cutting Action	By manual Cut-Off wheel Arcs down
Cutting Capacity	150mm
Cut-Off Wheel Size	16" (400mm)
Cutting motor Power	5 HP or 7.5HP (As per customer requirement) 3 Phase 415 Volts, 50Hz
Abrasive wheel RPM	2400 RPM Approx.
Spindle RPM	2400 RPM approx.
Table Movement	X- Axis – 100mm Y- Axis – 120mm
Coolant Motor Power	0.1 HP – 3 Phase
Coolant Tank	50Ltr. Recirculating Coolant tank inbuilt
Vice	Self-centering 360 rotation opening 6" jaw
Safety Feature	Emergency Stop Switch with Door Limit Switch
Dimensions	650mm X 800mm X 1450mm
Weight	250 Kg. (approx.)