

# Abrasive Cutting Machine

HCM-50 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, laboratories, and colleges. Large space in the cutting zone offers flexibility to use a wide variety of fixtures. Also in 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

- Inside chamber is illuminated and sees through the hood is provided for monitoring the cutting operation.
- Recirculation Coolant tank.
- Emergency Stop Switch
- Door Safety Interlock
- Two Side Opening for Longer Components.
- Easy Operator Panel
- corrosion resistant



## HCM-50

TECHNICAL SPECIFICATIONS	HCM-50
Cutting Action	By manual Cut-Off wheel Arcs down
Cutting Capacity	Upto 50mm
Cutting Wheel Size	8" (200mm) ID: 31.5mm, Thickness: 1.5mm
Cutting motor Power	2 HP, 3Phase 420 Volts, 50Hz
Abrasive Wheel RPM	2800 RPM
Coolant Motor Power	0.1 HP 3Phase 2800 RPM
Coolant Tank	25 Ltr. Recirculating Coolant tank inbuilt
Cooling	By High flow water jets
Table movements	X-axis—100mm Y axis—120mm
Vice	Self-centering 360 rotation, Jaw Opening 2"
Safety Feature	Emergency Stop Switch with Door limit Switch
Light in the working area	Fluorescent light in the working area provides safe and clear illumination.
Dimensions	600mm X 1000mm X 950mm (approx.)
Weight	100 Kg. (approx.)

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