

Abrasive Cutting Machine

HCM-100 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 in this model have 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 see-through hood is
- provided for monitoring the cutting operation.
- Recirculation coolant system.
- Emergency Stop Switch with Door limit Switch
- Door Safety Interlock
- Two Side Opening for Longer Component.
- Easy Operator Panel
- corrosion resistant

HCM-100

TECHNICAL SPECIFICATIONS	HCM-100
Operation	Cutting action is possible by lowering the arm (Z movement) and longitudinal table movement (Y axis) through the cutting plane (Y- movement)
Cutting Action	By manual Cut-Off wheel Arcs down
Cutting Capacity	100mm
Cut-Off Wheel Size	12" (300mm)
Cutting motor Power	3 HP, 2800 rpm 3 Phase 415 Volts, 50Hz
Coolant Motor Power	0.1 HP
Coolant Tank	50Ltr. Recirculating Coolant tank inbuilt
Vice	Self-centering 360 rotation opening 4" jaw
Safety Feature	Emergency Stop Switch with Door Limit Switch
Dimensions	650mm X 800mm X 1450mm
Weight	200 Kg. (approx.)

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