



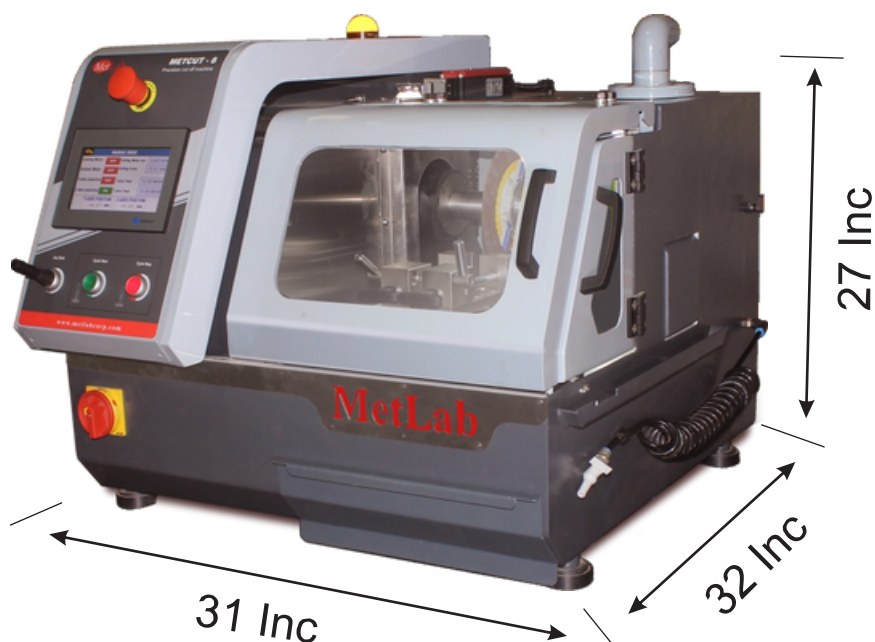
# METCUT

# 8

Precision Cut Off Machine  
High Speed Saw



**MetLab**  
Corporation

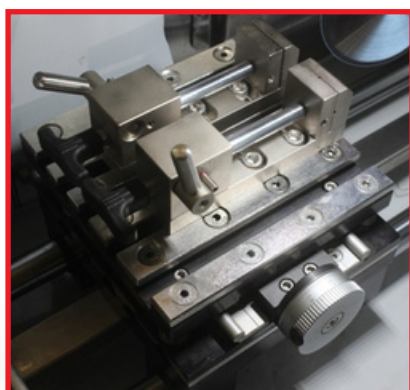


# METCUT

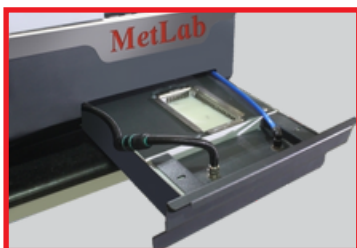
## 8

### Precision Cut Off Machine High Speed Saw

The Metcut 8 Precision High speed saw for cutting all types of materials with variable spindle speed. Automated Y movement adds to the convenience. A must for slicing Surface Engineered components, Hard, Sensitive applications. Preferred by Research Laboratories.



200 X 193 mm "T" Slot Table



Inbuilt 10 Ltr coolant tank



Limit Switch



Door Safety Interlock



Cleaning Hose

- Sliding Door System with two side opening
- User Friendly for 3 Axis Operation
- Cutting Action - Y Movement Automatic (Longitudinal)
- Manual Washing facility
- LED lamp for cutting chamber
- Quick positioning rapid movement with Joystick facility
- Intelligent Feed Control for Over Load of the Sample
- Pulse Cutting to reduce heat of the hard material Specimen
- Auto reverse Facility



EPOXY Coating  
Chamber



**Control Panel**  
with advance large color  
graphical touch screen



## TECHNICAL SPECIFICATIONS

### MODEL: METCUT 8

A precision section saw designed for cutting all types of sample automatically with ease with micron accuracies.

Wheel Size	Upto 8" (203mm)
Wheel type	Diamond cutoff wheel
Cutting Capacity	Upto 50 mm
Cutting Action	Y Movement Manual ( Longitudinal)
Motor	2 Hp (1.5 Kw) 3 Phase
Table	200 x 193 mm with T slot
Variable Speed	100 - 5000 RPM
Wheel Mounting Shaft OD	12.7 / 25.4 / 31.75mm
Dimensions	787 X 812 X 685 mm (L X W X H)
Weight	440 Lbs (200 kg)
Colour	Enclosures Glaze Grey 615 Base RAL 7021

40 mm Height Adjustment (Z – Movement) of Diamond wheel /Cut off Wheel allows of easy compensation for Wheel Wearing

Variable Feed Rates and Cutting Length

X- Movement facility ( Manual ) up to 50mm

Inbuilt Recirculation Coolant System



Cam Vise



8" CBN Blades  
M845C

8" Resin Bond  
Diamond Blades  
M845D



CBN Wafering Blades

Size : 4" - M412C  
Size : 5" - M515C  
Size : 6" - M620C  
Size : 7" - M725C



Diamond Wafering Blades

High Concentration  
Metal Bond

Size : 4" - M412H  
Size : 5" - M515H  
Size : 6" - M620H  
Size : 7" - M725H



Diamond Wafering Blades

Low Concentration  
Metal Bond

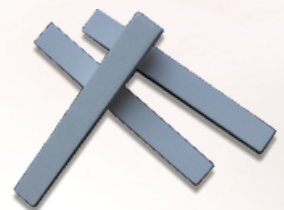
Size : 4" - M412L  
Size : 5" - M515L  
Size : 6" - M620L  
Size : 7" - M725L



CF-032



CF-128



DS-1

CUTTING FLUID

DRESSING STICKS



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