



# METALLOGRAPHIC SPECIMEN CUTTING MACHINE

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



**BETACUT-100**

**DESCRIPTION:**

Our **BETACUT-100** Metallographic Specimen Cutting 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 is a kind of Manual/Automatic cutting machine and can be switched between Manual and Automatic modes as per user requirements. The machine has large work table and long cutting length which make it possible to cut large samples. The main shaft of cutting disc can also move upward or downward which can prolong the using life of cutting disc greatly. The machine has 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 superheat.

This machine features easy operation and reliable safety. It is the necessary specimen preparing instrument for using in factories, scientific research institutes and laboratories of colleges.

**FEATURE:**

- Quick clamping vice.
- LED lighting system.
- Main shaft of cutting disc is movable upward and downward which can prolong the using life of cutting disc greatly.
- Two working modes of Intermittent cutting and continuous cutting.
- 60L water coolant Tank.

**TECHNICAL SPECIFICATIONS:**

Model No.	BETACUT-100
Max. cutting diameter	Ø 100mm
Rotating speed of main shaft	2300 rpm
Sand wheel	350 x 2.5 x 32mm
Automatic feeding speed	0-180mm/min
Cutting disc upward and downward moving distance	0-50mm
Forward and backward moving distance	0-340mm
Working table size	430 x 400 mm
Motor power	3 KW
Power supply	380V, 50Hz (3-Phases)

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

\* Customization can be done as per user requirement.