



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

PRECISE METALLOGRAPHIC SPECIMEN CUTTING MACHINE

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



BETACUT-5000



DESCRIPTION:

Model BETACUT-5000 precise cutting machine is very suitable for non-deforming cutting to the materials such as metal, electronic part, ceramic, crystal, hard alloy, lithofacies sample, mineral sample, concrete, organic material, biological materials etc. This machine can use diamond cutting disc or resin cutting disc, it features wide application, high cutting accuracy, powerful cutting ability and wide speed adjusting range. It is an ideal option for the lab of factories, science and research institutions and universities.

FEATURE:

- Equipped with re-circulating & cooling system.
- The feeding speed can be preset (0-180mm/min).
- Menu operation, large touch screen LCD display of various data.
- Wide cutting chamber and work table, long cutting distance.
- Cutting method can be defined by customer freely.
- Ultra-large and closed cutting chamber with safety switch.



**TECHNICAL SPECIFICATIONS:**

Model No.	BETACUT-5000
Max. cutting diameter	Φ60mm
Main shaft rotating speed:	300~5000rpm adjustable (1 rpm increment)
Cutting disc diameters	200*1*32mm (100mm, 125mm, 150mm optional)
Feeding speed	0~3mm/s (0.01mm/s increment)
Withdraw speed of impact cutting	0~4mm/s
Forward distance of impact cutting	0.1~2mm
Withdraw distance of impact cutting	0~1.99mm
Maximum cutting travel	Y-axis 220mm
Main shaft Z-axis compensation distance	25mm
Work table size	350 x 200mm (X axis and Y axis)
Servo motor power	1800 W
Power supply	single phase, 220V, 50Hz
Net weight	154Kg
Overall dimension	790 × 650 × 590mm (L × W × H)

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

* Customization can be done as per user requirement.