



BANBROS ENGINEERING PVT. LTD.
The Precision Measurement People

HIGH-SPEED PRECISION METALLOGRAPHIC SAMPLE CUTTING MACHINE

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

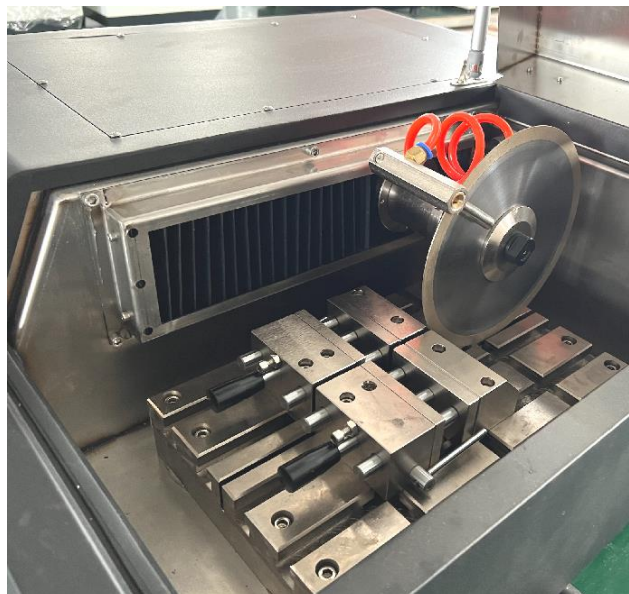
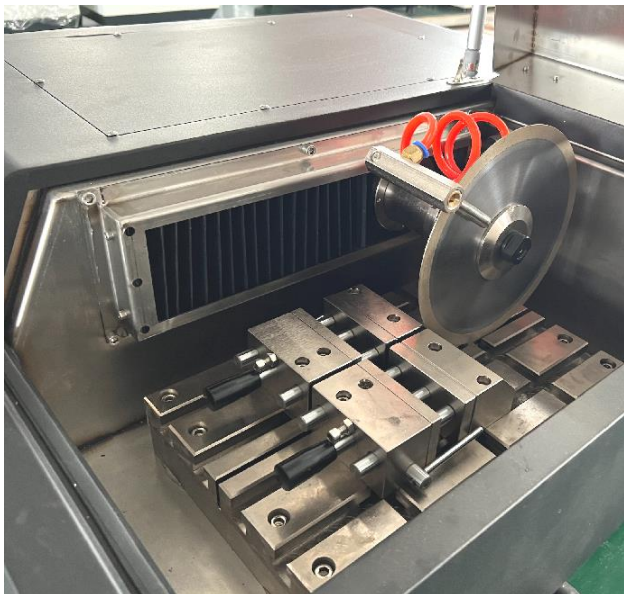


BCM-200XP

**DESCRIPTION:**

BCM-200XP high-speed precision cutting machine adopts touch screen and PLC control, with stable performance and real-time display of cutting parameters; Y-axis automatic feed cutting, with high positioning accuracy, large speed range and strong cutting capacity; the cutting chamber adopts a fully enclosed structure with transparent protective cover for observation during cutting; equipped with circulating cooling system, the surface of the cut specimen is bright and flat without burns.

It is especially suitable for precision deformation-free cutting of metals, electronic components, ceramic materials, crystals, hard alloys, rock and ore, concrete, organic materials, biological materials (teeth, bone) and other materials, and is ideal for automatic precision cutting on the table.

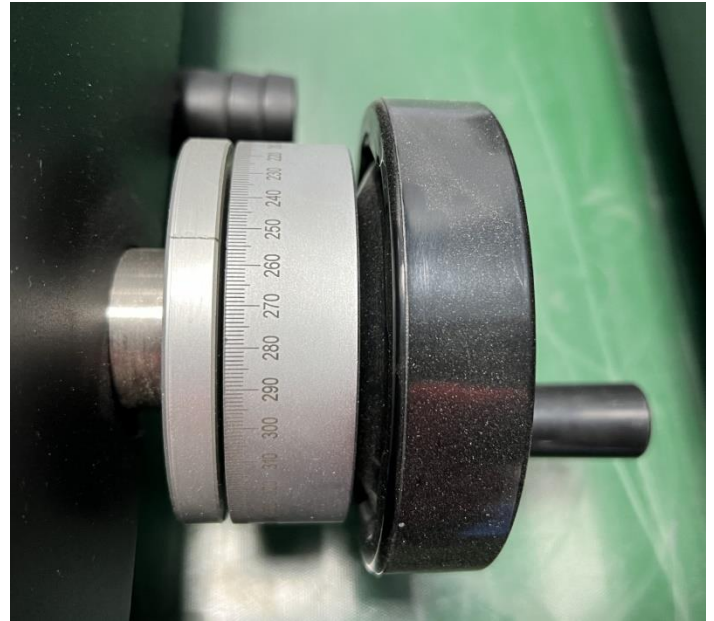
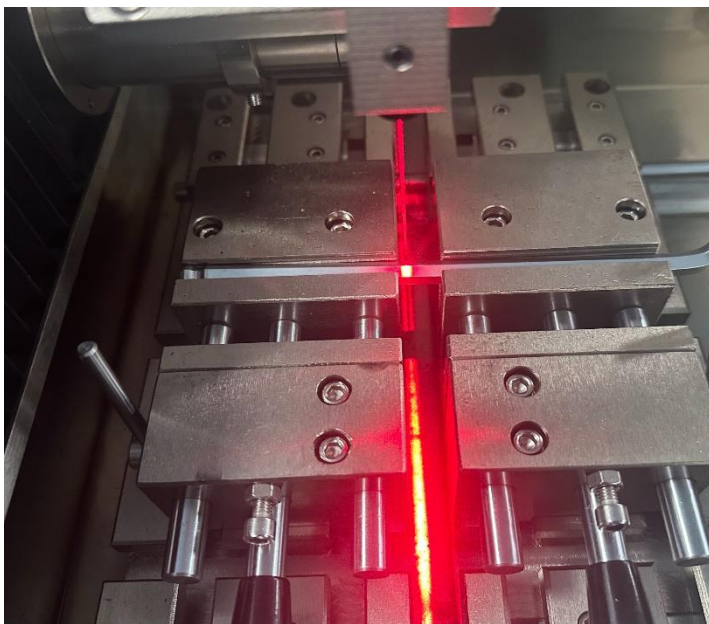
High Speed 500-5000 RPM, T-Slot Work Table, Quick Fixture:**High Quality Fast Clamping Design, Hold and Remove Sample is Very Easy:**

**Door Safety Design, Open the Door Automatic Cut Off Power:****TECHNICAL SPECIFICATIONS:**

Model No.	BCM-200XP
Cutting Method	Direct cutting, Impact cutting
Auto Feed Speed	0.01-5mm/s
Manual Feed Speed	0-30mm/s
Impact Cutting Distance	0.1-2mm
Cutting Wheel Size	Φ200x0.9xΦ32mm
Spindle Speed	500-5000rpm
Y-Axis Travel	200mm
X-Axis Travel (Optional)	45mm (can extend to 60mm)
Maximum Cutting Diameter	Φ 60mm
Servo Motor Power	750W
Input Power	Single phase, AC220V, 50Hz, 1000W
Display and Control	Touch screen
Program	Can save 10 cutting programs
Transverse Clamping Width	200mm
Longitudinal Clamping Length	150mm
Cutting Fixture	Quick clamp
Cutter Size & N/W	750×860×430mm, 97kg
Cutter Pack Size & G/W	935×865×566mm, 120kg
Water Tank Size & N/W	470×370×300mm, 17kg
Water Tank Pack Size & G/W	650×440×460mm, 27kg

**STANDARD ACCESSORIES:**

Item Name	Q'ty	Item Name	Q'ty
BCM-200XP Cutting Machine	1pc	Wrench 17#-19#	1pc
Live Spanner 0-200mm	1pc	Water Tank 50L	1pc
Diamond Cutting Wheel $\Phi 200\text{mm}$	1pc	Power Line 3*1.5	1pc
Water Inlet & Drain-Pipe	2pcs	Manual & Certificate	1pc

X Axis Movement Table - Precision Control (Optional):**Laser Positioning System Assists in Quickly Locking the Cutting Position (Optional):**

- * Due to continues product development, product image & Specifications are subject to change.
- * Customization can be done as per user requirement.