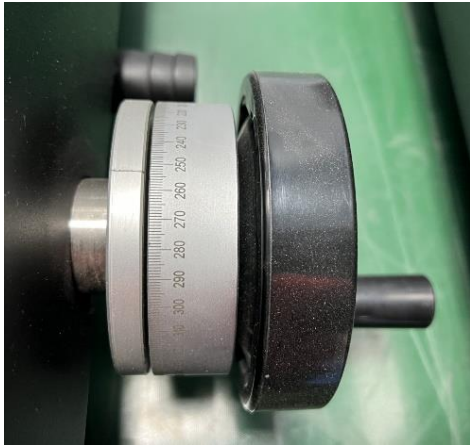




**BANBROS ENGINEERING PVT. LTD.**  
The Precision Measurement People

# HIGH-SPEED PRECISION METALLOGRAPHIC SAMPLE CUTTING MACHINE



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



**BCM-200XY**

**DESCRIPTION:**

**BCM-200XY** 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, X-axis automatic feed cutting can make a series of cuts. 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.

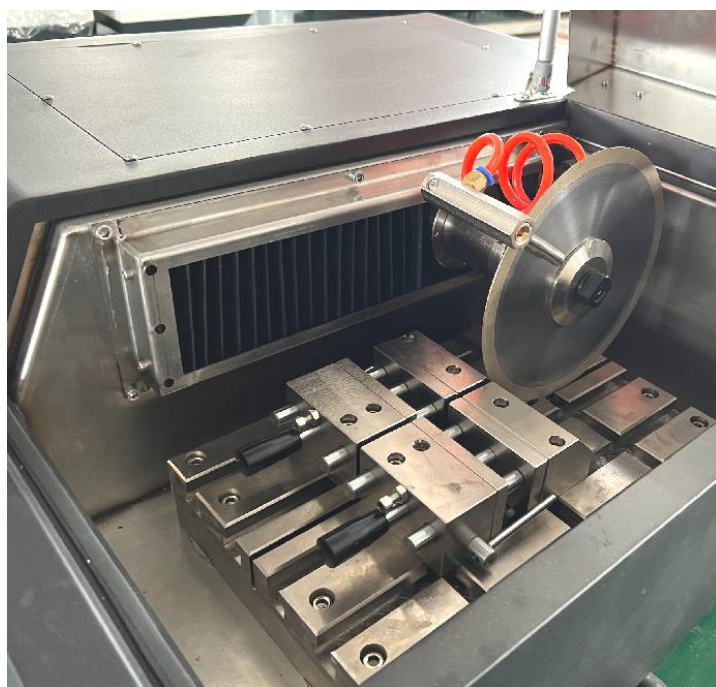
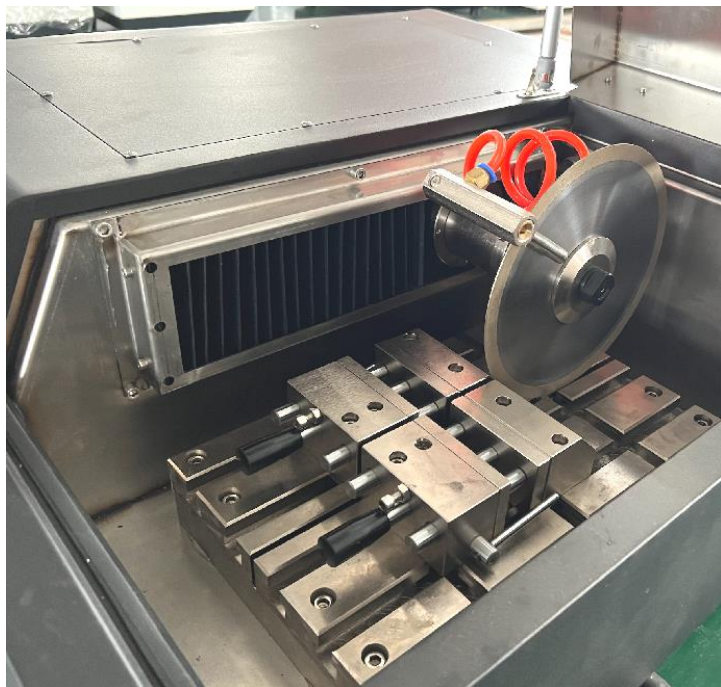
It is especially suitable for precision deformation-free cutting of metals, electronic components, ceramic materials, crystals, hard alloys, rock and ore, concrete, organic materials, biological materials (teeth, bone) and other materials, and is ideal for automatic precision cutting on the table.

**TECHNICAL SPECIFICATIONS:**

Model No.	BCM-200XY
Cutting method	Direct cutting, Impact cutting
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	45mm (can extend to 60mm)
Maximum cutting diameter	Φ 60mm
Servo motor power	750W (optional 1.1KW)
Input power	Single phase AC220V, 50Hz, 1000W
Display and control	Touch screen
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	935x865x566mm, 120kg
Water tank size & N/W	470x370x300mm, 17kg
Water tank Pack size & G/W	650x440x460mm, 27kg



**HIGH QUALITY FAST CLAMPING DESIGN, HOLD AND REMOVE SAMPLE IS VERY EASY:**



**STANDARD ACCESSORIES:**

Item Name	Q'ty	Item Name	Q'ty
CM-200Y cutting machine	1pc	Wrench 17#-19#	1pc
Live spanner 0-200	1pc	water tank	1pc
Diamond cutting wheel $\Phi 200\text{mm}$	1pc	Power line 3*1.5	1pc
Water inlet & Drain-pipe	2pcs	Manual & Certificate	1pc

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