

807-11

Metallographic Automatic Cutting Machine

PRODUCT OVERVIEW

The 807-11 automatic metallographic cutting machine consists of the machine body, electrical control box, cutting chamber, servo motor, cooling system and cutting wheel. It supports manual and automatic cutting, processes round specimens up to 100 mm diameter and rectangular specimens up to 100 mm high and 200 mm deep, and uses a cooling system to prevent overheating.

KEY FEATURES

- Automatic & Manual Cutting
- High Precision Servo Control
- Dual-Channel Water Cooling
- Adjustable Cutting Speed
- Large Cutting Chamber
- High Cutting Efficiency
- Stable & Repeatable Performance
- Easy Operation & Maintenance

STANDARD ACCESSORIES

Water tank:	(Including the water pump)
Grinding wheel disc:	350×2.5×32mm
Drain pipe:	φ32×1.5m
Inlet pipe:	φ25×1.5m
Hose clamp	
Lever hand:	12–14mm
Lever hand:	24–27mm
Lever hand:	36mm
Explanatory Note	
Qualified certificate	
Packing list	
Cutting fluid	



Specification	807-11	Specification	807-11
Machine shell	Steel plate	Cutting speed	0–1.5 mm (adjustment step 0.01 mm)
Maximum cutting diameter	100 mm (pipe)	Rotational speed	500–3000 r/min
Feed depth tracking	Liquid crystal digital display	Automatic cutting mode	Intermittent (metal) / Continuous (non-metal)
The platform moves in the Y direction	200 mm	Cutting distance	Set as needed
Z-axis travel	80 mm	Reset method	Automatic reset
Cutting table size	400 × 310 × 35	Cooling system	Automatic water-cooled, 2-channel
Cutting wheel specification	350 × 2.5 × 32	Water tank capacity	50 L
Fixture	Quick fixture	Servo motor power	1.9 kW
Support platform	Left/right fixture table with central cutting edge	Machine form	Desktop
Cutting method	Manual / Automatic	Power supply	220 V
The way of giving	Arbitrary adjustment (manual / self-adjustable)	Overall dimensions	1500 × 1110 × 1000 mm