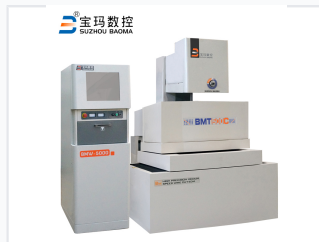


CNC Wire Cut EDM Machine

The CNC wire cut EDM machine utilizes a traveling wire electrode to erode material, creating intricate shapes and profiles. It features advanced control systems, ensuring smooth and accurate movement of the wire, resulting in exceptional surface finish and dimensional accuracy.



ADDITIONAL IMAGES



Overview

High-Precision CNC Wire Cut EDM

This CNC Wire Cut EDM machine is designed for high-speed, high-precision machining of conductive materials, reaching cutting speeds up to 250mm²/min. It features a sophisticated servo control system and double-direction wire tensioning to ensure exceptional surface finishes and dimensional accuracy. Ideal for complex tool and die making, this robust system integrates industrial computing with specialized software for direct AutoCAD compatibility.

Performance Metrics

Key Performance Metrics

250 mm²/min

Max Cutting Speed

1.2 μm

Surface Roughness (Ra)

0.012 mm

Octagon Precision

Technical Capabilities

Workpiece Capacity

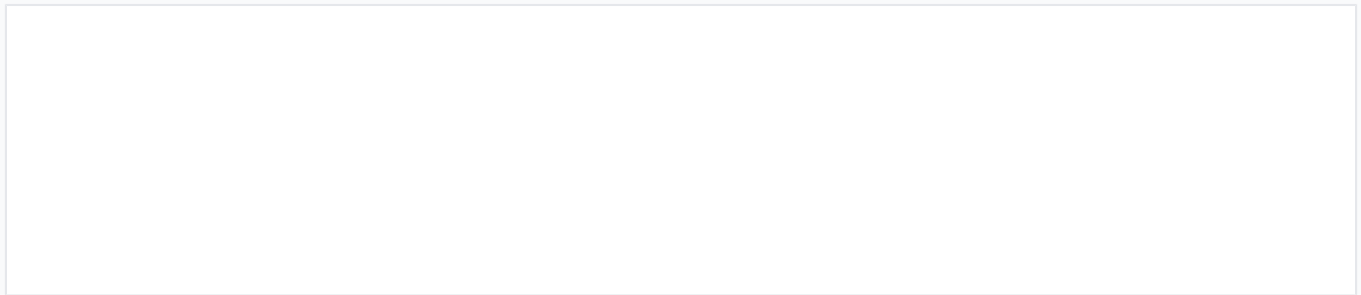
Parameter	Specification	Unit
Worktable Size (L x W)	420 x 650	mm
Table Travel (X x Y)	320 x 400	mm
Max. Workpiece Thickness	300	mm
Max. Table Load	400	kg
Max. Taper Angle	+/- 3°	degree

System Features

Integrated Components

- Double Direction Servo wire tension system
- BMXP software (Windows XP based) with AutoCAD support
- Industrial computer with LCD monitor
- Linear Guide way from PMI
- Central lubricate system
- EMERSON inverter technology
- High frequency Power supply

Operational Specifications



The system utilizes high-quality wire electrodes optimized for precision material removal and consistent cutting performance.

Wire & Reservoir

Feature	Value
Wire Diameter	0.15 - 0.2 mm
Wire Traveling Speed	5 - 11 m/min
Working Reservoir Capacity	100 L
Working Solution	BM-06GP

Power Requirements

Power Supply	3N-380V / 50Hz
Max Working Current	9 A

Compliance

Certifications	CE Certified, ISO Standards
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Manufacturer Expertise

Manufacturing Excellence

- Over 20 years of EDM specialization
- 7-step quality checking process with 25+ QC inspectors
- 6S management system for production control
- Unique ID tracking for every machine unit
- Global installation base in over 60 countries