

CNC Wire Cut EDM Machine

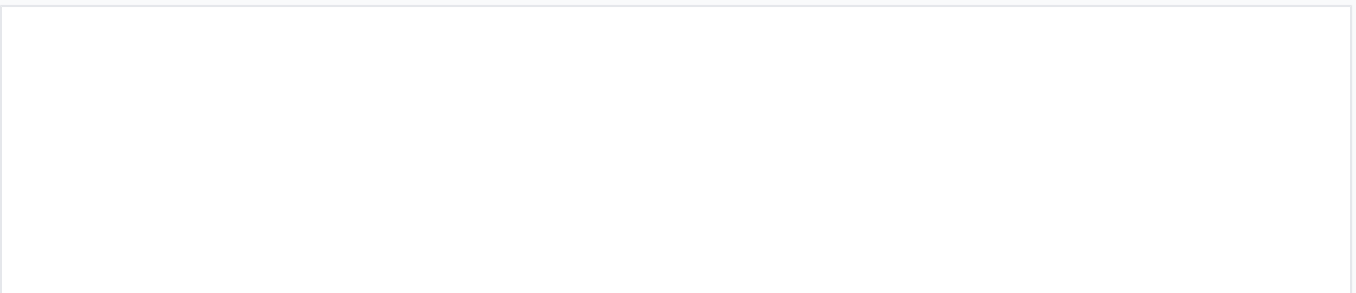
This CNC wire cut EDM machine is designed for precision cutting of conductive materials. It features a CNC control system for automated operation and precise control of cutting parameters.



ADDITIONAL IMAGES



Product Overview



The CNC Wire Cut EDM system designed for intricate cutting with advanced tension control and a robust frame for vibration reduction.

High-Precision CNC Wire Cut EDM

This CNC Wire Cut EDM machine is engineered for high-speed, high-precision cutting of conductive materials, reaching speeds up to 250mm²/min. It features a robust servo control system and a double-direction wire tension system to ensure exceptional surface finishes and tight tolerances. Designed for demanding industrial applications, it integrates advanced components like linear guide ways and an industrial-grade computer for reliable, long-term performance.

Performance Metrics

Key Performance Metrics

250 mm²/min

Max Cutting Speed

1.2 μ m

Best Surface Roughness

0.012 mm

Octagon Precision

9 A

Max Working Current

Workpiece & Table Capacity

| | |
|-------------------------|--------------|
| Worktable Dimensions | 600 x 900 mm |
| Table Travel (X x Y) | 500 x 630 mm |
| Max Workpiece Thickness | 500 mm |
| Maximum Table Load | 800 kg |

Technical Capabilities

Wire Specifications

| Parameter | Value |
|----------------------|-----------------------------------|
| Wire Diameter | 0.15 ~ 0.2 mm |
| Wire Traveling Speed | 5 ~ 11 m/min |
| Wire Wear Rate | 0.01mm per 400,000mm ² |

| | |
|----------------------|--------|
| Taper Angle Capacity | +/- 3° |
|----------------------|--------|

Control System & Hardware

Integrated Hardware

- New High Frequency Power Supply
- Double Direction Servo Wire Tension System
- PMI Linear Guide Ways
- Industrial Computer with LCD Monitor
- Central Lubrication System
- EMERSON Inverter

| | |
|---------------|--|
| Software & OS | BMXP Software, Windows XP Base, Direct AutoCAD Support |
|---------------|--|

Compliance & Service

Certifications

CE Certified

Service & Support

- Unique machine ID tracking system
- Swift after-sales service via specialized engineers
- 100% on-time delivery capacity