

# CNC Brass Wire Cut EDM

This CNC brass wire cut EDM utilizes a continuously moving wire electrode to erode material through controlled electrical sparks. The CNC control system enables precise and automated cutting operations for manufacturing complex shapes.



## ADDITIONAL IMAGES



## Product Overview



High-precision CNC wire cut EDM designed for intricate industrial cutting applications.

### High-Precision DK Series CNC Brass Wire Cut EDM

The DK Series CNC Brass Wire Cut EDM is a precision machining solution designed for intricate cutting of conductive materials using a thin, continuously moving wire electrode. This system excels in manufacturing complex shapes, dies, and molds with high accuracy and superior surface finishes. Equipped with a robust frame and advanced CNC control, it ensures stable performance and automated operation for demanding industrial applications in aerospace, automotive, and electronics.

## Key Performance Metrics

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**0.008 mm**

Positioning Accuracy (X/Y)

**300 mm**

Max Cutting Thickness

**15 °/100mm**

Max Cutting Taper

## Technical Specifications

### Model Comparison

| Parameter               | Unit | DK7635A/B   | DK7663        |
|-------------------------|------|-------------|---------------|
| Work table travel (X/Y) | mm   | 500×350     | 800×630       |
| U/V axis travel         | mm   | ±50×±50     | ±75×±75       |
| Z axis travel           | mm   | 300         | 350           |
| Work table dimensions   | mm   | 790×550     | 1070×825      |
| Max. workpiece size     | mm   | 850×600×300 | 1400×1000×250 |
| Max. workpiece weight   | kg   | 350         | 600           |

## Wire System

|                          |   |
|--------------------------|---|
| Available Wire Diameters | 0.15mm, 0.2mm, 0.25mm (Standard), 0.3mm |
| Wire Tension Range       | 2-15 N                                  |
| Wire Feed Rate           | 1-12 m/min                              |

## Operational Features



The DK Series features a robust frame and advanced control system for high-speed precision machining.

### System Features

- Advanced CNC control system for automated cutting paths
- Robust mechanical structure for vibration resistance
- Precise wire tension control for optimal performance
- High-efficiency dielectric filtration system
- User-friendly programmable interface
- Precise linear guides for stable machining

## Applications

### Target Industries

Mold Making • Precision Parts • Aerospace • Automotive • Electronics • Prototype Development