

ZNC Die Sinking EDM Machine

The ZNC Die Sinking EDM is a precision machine tool that creates complex shapes and cavities in conductive materials. It utilizes electrical discharge machining to erode material through controlled sparks, providing high accuracy and fine surface finishes.



ADDITIONAL IMAGES



Product Overview

High-Precision Die Sinking EDM

This ZNC Die Sinking EDM machine is engineered for high-accuracy material erosion in conductive components. Utilizing advanced spark erosion technology, it provides superior control over complex cavity creation with surface roughness down to Ra 0.3 μm . The system is designed to streamline mold and die manufacturing workflows through programmable Z-axis control and high-efficiency pulse management.

Operational Performance

Performance Metrics

680 mm³/min

Max Work Efficiency

0.3 μm

Min Surface Roughness

0.2 %

Max Electrode Loss

Electrical Parameters

- Max working current: 50A (ZNC-50) / 75A (ZNC-75)
- Max power consumption: 6KVA (ZNC-50) / 12KVA (ZNC-75)

Capacity Specifications

Model Range Comparison

Model	Worktable (mm)	X-Travel (mm)	Y-Travel (mm)	Z-Travel (mm)
DK7130	600*350	350	250	180
DK7140	700*420	450	350	200
DK7150	800*500	500	400	250
DK7160	1000*600	650	550	250

Physical Attributes

Max Loading Weight

- Electrode: 50-250 kg
- Worktable: 350-3500 kg