



SKU : 100116

The die sinking EDM machines of the ZNC EDM series are used in mold and tool making to reproduce injection molds or matrices with high precision and surface quality. The series is characterized by high-quality components designed for continuous operation. The models have already proven themselves many times and offer excellent performance in every size. The desired working parameters for roughing and finishing can be stored in the control, as can the desired working depth. The table is positioned manually.

- User-friendly CNC control
- Preloaded ball screws on all axes
- High-precision preloaded ball screws on Z-axis
- High quality components
- Integrated diagnostic system

TECHNICAL SPECS

WORKING AREA

Table dimensions	700 mm x 1200 mm
Electrode holder-to-table distance	300 mm - 870 mm
Workpiece weight (max.)	2000 kg
Quill stroke	300 mm
Electrode weight (max.)	30 kg

TRAVELS

Travel X-axis	700 mm
Travel Y-axis	600 mm

GENERATOR

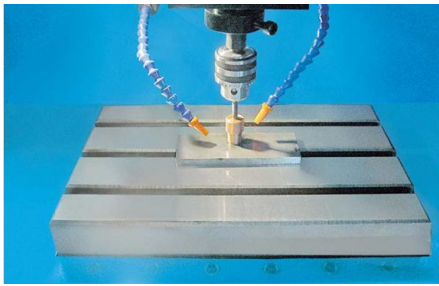
Generator power consumption	9 kVA
Removal rate (max.)	800 mm ³ /min
Electrode wear, min.	≤ 0,2 %
Mean generator capacity	100 A
Generator weight	200 kg

ACCURACIES

Roughness	< 0,3 - 0,8 μm Ra
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.86 m x 1.65 m x 2.55 m
Weight	3800 kg



ZNC 250 is shown



PRODUCT DETAILS

- User-friendly CNC control assists the user in the selection of work parameters
- The machine frame design incorporates modern aspects plus many years of manufacturing experience
- X and Y axes are equipped with preloaded ball screws for low maintenance and high precision
- The main axis is positioned by a precision spindle, which has its own lubricant circuit - ensuring constant temperature conditions at the spindle, minimum friction and maximum precision
- The dielectric system is driven by a premium pump made by a renowned European manufacturer
- Machine operation is user-oriented and easy to learn
- Finely-incremented work parameters allow high powered material removal and finishing in one process
- Diagnostic information is very helpful

Economical Entry-Level Electric Discharge Technology

STANDARD EQUIPMENT

- Control unit
- Fire extinguishing system
- Work lamp
- Filter system
- Scale X- / Y-axis
- Chuck
- Operating tools
- Operator instructions

OPTIONAL EQUIPMENT

- Magnetic clamping plate, SKU : 250278
- E-ZNC 760L spare part package for 100116, SKU : 259217
- Orbital head attachment with electrode holder, SKU : 253961