

Machine Name : Wire cutting machine

Brand : Seibu

Machine Model : M75A

Stock No. : 468962

Ex-factory Date : 2014



Main Technical Parameters:

Worktable travel (X/Y/Z) : approximately 650×550×230mm

U/V axis travel: ± 60 mm (supports taper cutting)

Maximum machining thickness: up to 400mm

Maximum taper Angle: 45° (optional)

Electrode wire diameter range: $\Phi 0.07$ -0.3mm, tension 2-25N

Wire feeding speed: below 0.2m/s (some configurations can reach 0.5m/s)

machining precision: Pitch precision $\pm 1\mu\text{m}$, repeated Positioning precision 0.01mm

Surface roughness: Ra0.2-0.8 μm , and can reach Ra0.05 μm after fine finishing

Control CNC System: Western self-developed SmartNC CNC System, supporting graphical programming and multi-axis simultaneous control

Working fluid: deionized water, conductivity < 10 μS (during finishing)

Ambient temperature requirement: 20 $\pm 1^\circ\text{C}$ (The equipment guarantees a precision range of 20 $\pm 3^\circ\text{C}$)

Main unit weight: approximately 2,900 kg

Power supply requirements: Three-phase 380V/50Hz, total power approximately 50kVA



