



Mid-speed Wire-cut Electrical Discharge Machining with AWT

Product model KM640AWT

HANDY

EFFICIENT

INTELLIGENT

ECONOMICAL



High-performance automatic threading model >>>

01 Automatic threading

03 Automatic scrap disposal

02 Fully automatic AR parallel compensation, can be leveled without hitting the meter

04 Intelligent detection of workpiece height, achieving unmanned operation

Main Technical Parameters >>>

Model	KM640AWT
Maximum workpiece size (Workbench Size) (mm)	1060×650 (840×580)
Worktable travel (W*L) (mm)	600×400
Maximum cutting thickness (mm)	250
Maximum load (kg)	900
Z-axis travel (mm)	300
Travel of U, V Axes (mm)	70×70
Standard cutting taper (°/mm)	±10° /100
Diameter of molybdenum wire (mm)	0.1-0.2
Multi-knife cutting accuracy (mm) (15×15 Equilateral Hexagon, Cr12, S=40)	≤±0.003
Repeat positioning accuracy (mm)	≤±0.002
Optimum surface roughness(μm)	Ra≤0.8 (Optional 0.4)
Processing speed (mm ² /min)	100 ~ 220
Dimension(L*W*H) (mm)	2200×2200×2400
Weight (kg)	≈2800
Electrical power consumption (KVA)	3
Work tank capacity (L)	120

Main features of this machine >>>

Easy to learn and operate, apprentices can quickly become master technicians, with five-axis CNC system core technology, which is completely self-developed

01 Handy

Nanosecond anti-electrolysis high-peak pulse power supply, the actual processing speed can reach 200mm²/min

02 Efficient

After tens of thousands of actual processing, an "intelligent database" has been developed, which only needs to input the processing requirements

03 Intelligent

Using flat plate high-thrust linear motor, high-precision imported optical ruler, the accuracy requirements can be maintained longer, no need to replace the guide screw, bearing, etc. of the machine tool at a high price

04 Optional

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