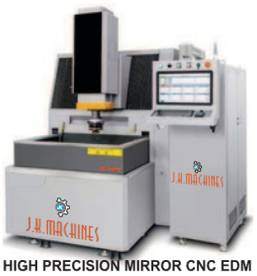
OUR PRODUCTS RANGE



CNC EDM NEXT GEN V1.1 (Pg. No. 03)



HIGH PRECISION MIRROR CNC EDM
AUTOMATIC LIFTING OIL TANK (Pg. No. 04)



CNC EDM (Pg. No. 05)



CNC EDM (Pg. No. 06)



ZNC EDM DC SERVO (Pg. No. 07)



ZNC EDM AC SERVO (Pg. No. 08)



DRILL EDM NEXT GEN (Pg. No. 09)



CNC DRILL EDM (Pg. No. 10)



WIRE CUT EDM STEPPER (Pg. No. 11)



WIRE CUT EDM SERVO (Pg. No. 12)



MOULD LASER WELDING (Pg. No. 13)



LASER MARKING/ENGRAVING
MICRO TIG WELDINNG (Pg. No. 14)



CNC ENGRAVING (Pg. No. 15 & 16)



CNC ENGRAVING (Pg. No. 15 & 16)



CNC WOOD ROUTER (Pg. No. 17)



CUTTER GRINDER'S (Pg. No. 18)



DIGITAL READOUT (Pg. No. 19)



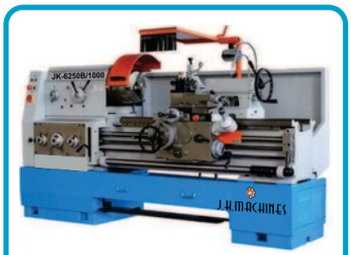
CONSUMABLES/SPARES (Pg. No. 20)



VERTICAL TURRET MILLING (Pg. No. 21)



HYDRAULIC SURFACE GRINDER (Pg. No. 22)



ALL GEARED LATHE (Pg. No. 23)



RADIAL DRILL MACHINE (Pg. No. 24)



VERTICAL MOULDING (Pg. No. 25)



ELECTRICAL SCOOTY (Pg. No. 26)

Precision Cow Head EDM Machine Series



High precision mirror machine

- Windows control system
- Network transmission port
- PIKA ultra-precision mirror discharge circuit
- 60 workpiece coordinate systems

Special option

- C axis
- 16-position ATC electrode library
- Spark oil constant temperature device
- Stabilizer
- Quick Chuck
- Mechanical automatic upper and lower doors



16-position electrode library



16-position electrode library

Technical Specifications: -

Items	Unit	AM50	AM80	AM120
Table size (length × width)	mm	850×500	1050×600	1250×800
Internal dimension of machining fluid tank (L×W×H)	mm	1370×950×520	1680×1100×600	2000×1300×700
X, Y, Z axis travel	mm	500×400×350	800×600×400	1200×600×450
Maximum electrode weight	kg	100	150	200
Maximum workpiece size	mm	1280×800×400	1500×1000×550	1800×1200×650
Maximum workpiece weight	kg	2500	4000	5000
The maximum and minimum distance from the work surface to the electrode plate	mm	390/690	500/900	550/1000
Positioning accuracy (JIS standard)	μm/mm	6 μm/300	6 μm/300	7 μm/300
Repeat positioning accuracy (JIS standard)	μm	3μm	3μm	4μm
Dimensions (length × width × height)	mm	2500×2500×2700	2800×2700×2700	3100×3200×3300
Machine tool weight (excluding CNC power supply)	kg	4000	5000	7000
Processing fluid filtration method		Switching Cartridge Filter		
Numerical control pulse power supply device		A50	A50	A50
Maximum machining current	A	50	50	50
Total input power	KVA	9	9	9
Input power		3 Phase, AC415V/50Hz		
Best surface roughness	Ra	0.2μm		
Minimum electrode loss		0.1%		
Highest productivity	mm^3/min	(Copper hit steel) 500mm^3/min / (Graphite hit steel) 1030mm^3/min		
Standard process		Copper steel, graphite/steel, fine graphite/Steel, copper-tungsten alloy/hard alloy, copper-tungsten alloy/steel, red copper/red copper		
Interpolation type		Linear, circular, spiral		
Compensation for each axis		Each axis respectively step error compensation, clearance compensation		
Maximum number of controlled axes		Three axises linkage (standard), four simultaneous axises (optional)		
Resolution of each axis	μm	0.4		
Minimum drive unit	μm	1		
Input type		Touch screen, U disk/ Net work transmission		
Display type		15” LCD screen (TFT-LCD)		
Manual control box		Standard point move (multistage switching)		
Position command type		Absolute, incremental dual purpose		
Drive mode		Fully digital AC servo		
Standard accessories (See packing list for details)		Machine sizing block, adjustable fixture, machine tool light, filter, liquid level controller, tool box, instruction manual, grease gun, etc.		

Corporate Office cum Showroom :
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