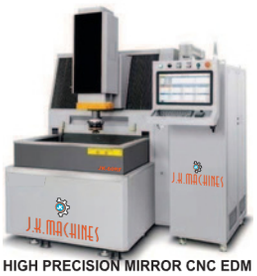
OUR PRODUCTS RANGE



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)



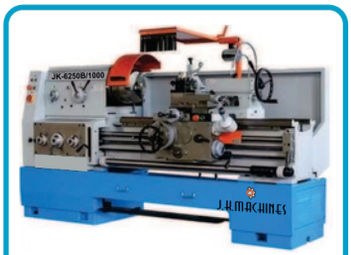
CONSUMABLES/SPARES (Pg. No. 20)



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)

High Precision Mirror EDM Machine

A EDM machine with mirror finishing, hard alloy, graphite processing efficiency and the most cost-effective



High precision mirror machine

- Automatic lifting of oil tank
- 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



16-position electrode library



C axis

Technical Specifications: -

Items	Unit	AR50	AR65
Table size (length × width)	mm	700×450	800×550
X, Y, Z axis travel	mm	500×400×300	600×500×350
Internal dimension of machining fluid tank (L×W×H)	mm	870×620×350	1000×700×350
Liquid level adjustment range	mm	48-198	110-292
Max. capacity of the liquid groove	L	152	200
Maximum electrode weight	kg	50	50
Maximum workpiece size	mm	900×580×270	900×600×280
Maximum workpiece weight	kg	500	600
The maximum and minimum distance from surface to electrode plate	mm	200-500	200-550
Positioning accuracy (JIS standard)	μm/mm	5 μm/(Arbitrarily)300mm	
Repeat accuracy (JIS standard)	μm	2μm	2μm
Machine weight	kg	4200	6000
Dimensions (length × width × height)	mm	2100×2000×2400	2300×2300×2500
Processing fluid filtration method		Exchangeable Paper Filter	
Numerical control pulse power supply device		40A	
Maximum machining current	A	40	
Total input power	KVA	9	
Input Supply		3 Phase, AC415V/50Hz	
Best surface roughness	Ra	0.1μm	
Min. electrode wear		0.1%	
Max. productivity	mm^3/min	(Copper hit steel) 500mm^3/min / (Graphite hit steel) 1030mm^3/min	
Standard process		Copper/steel. fine copper/steel, graphite/steel, copper tungsten /steel, fine copper tungsten/steel, steel/steel, copper tungsten/carbide, copper/aluminum, graphite/heat-resistant alloys, graphite/titanium, copper/copper	
Interpolation type		Linear, circular, spiral	
Each axis compensation		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/ Network 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		Machine sizing block, adjustable fixture, machine tool light, filter, liquid level controller, insurance chip, tool box, instruction manual, grease gun, etc.	

Corporate Office cum Showroom :
C-46, Mangolpuri Industrial Area,
Phase-I, New Delhi-110083 (India)

7529999900 / 9311003936
www.jkmachines.in
www.jkmachines.co.in
www.jkmachines.net.in
jk.machines@hotmail.com

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