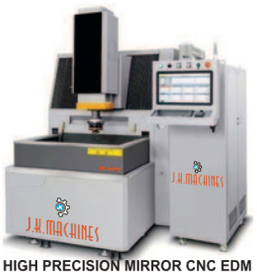
OUR PRODUCTS RANGE



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)



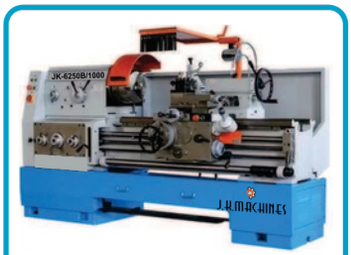
CONSUMABLES/SPARES (Pg. No. 20)



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

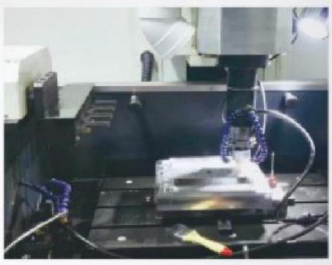


High precision mirror EDM machine

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

Special option

- C axis
- 4-position ATC electrode library
- Spark oil constant temperature device
- Stabilizer
- Quick Chuck



4-position electrode library



C axis

Technical Specifications: -

Items	Unit	AD30	AD40	AD45
Worktable size (L × W)	mm	600×400	700×450	700×450
Liquid groove internal size (L×W×H)	mm	900×550×400	950×600×400	1000×600×400
Liquid level adjustment range	mm	48-198	110-292	110-300
Max. capacity of the liquid groove	L	150	180	200
X, Y, Z axis travel	mm	300×210×270	400×300×300	450×350×300
Maximum electrode weight	kg	50	50	50
Maximum workpiece size	mm	780×500×250	820×550×280	880×550×300
Maximum workpiece weight	kg	500	600	700
The maximum and minimum distance surface to electrode plate	mm	295-565	330-660	330-660
Positioning accuracy (JIS standard)	µm/mm	5 µm/(Arbitrarily)300		
Repeat accuracy (JIS standard)	µm	2µm	2µm	2µm
Area covered (L×W×H)	mm	1850×1900×2100	1900×1900×2200	2000×2000×2200
Machine weight	kg	2200	3500	3800
Reservor tank volume	L	400	400	400
Processing liquid filter type		Switching Cartridge Filter		
NC pulsed power supply unit		A40	A40	A40
Maximum current	A	40	40	40
Total input power	KVA	9	9	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 steps 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		

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Phase-I, New Delhi-110083 (India)

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