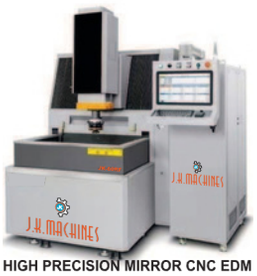
OUR PRODUCTS RANGE



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)



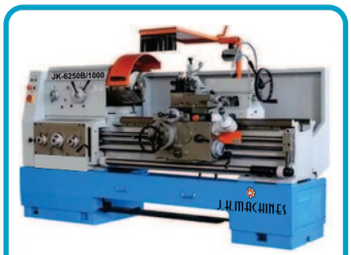
CONSUMABLES/SPARES (Pg. No. 20)



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 Double Heads Cow Head EDM Machine Series

High precision double heads cow head EDM machine

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

Special option

- Spark oil constant temperature device
- Electric control box thermostat
- Stabilizer
- Quick Chuck



Technical Specifications: -

Items	Unit	AM120R	AM140R	AM180R
Table size (length × width)	mm	1300×600	1500×900	2000×1000
X, Y, Z axis travel	mm	700×500×400 (Double head) 1000x500x400 (Single head)	850×700×500 (Double head) 1400×700×500 (Single head)	1200×800×600 (Double head) 1800×800×600 (Single head)
Internal dimension of machining fluid tank (L×W×H)	mm	2000×1100×600	2250×1300×700	3500×1800×650
Maximum electrode weight	kg	200 Single head stage	400 Single head stage	400 Single head stage
Maximum workpiece weight	kg	4500	7500	10000
The maximum and minimum distance from the work surface to the electrode plate	mm	500/900	690/1190	630/1230
Machine weight	kg	8000	8500/10000	13000/15000
Total input power	KVA	9+9	13+13	13+13
Dimensions (length × width × height)	mm	3700×3100×2700	3900×3500×3300	5200×4300×3600
Input power		3 Phase, AC415V/50Hz		
CNC Power Supply	A	A50/A100		
Maximum machining current	A	50/100		
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		
Programming expert system		Automatically generate machining programs		
Interpolation type		Linear, circular, spiral		
Compensation for each axis		Each axis respectively step error compensation, clearance compensation		
Maximum number of controlled axis		Three axises linkage		
Processing fluid filtration method		Switching Cartridge Filter		
Numerical control pulse power supply device		A50	A50	A50
Minimum drive unit	μm	1		
Input type		Touch screen, U disk/Network transmission		
Display type		15” LCD screen (TFT-LCD)		
Remote control box (hand control box)		Standard point move (multistage switching)		
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, insurance chip, tool box, instruction manual, grease gun, etc.		

Precision Double Heads Cow Head EDM Machine Series

High precision double heads cow head EDM machine

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

Special option

- Spark oil constant temperature device
- Electric control box thermostat
- Stabilizer
- Quick Chuck



Technical Specifications: -

Items	Unit	AM200R	AM250R	AM300R
Table size (length × width)	mm	2500×1200	2700×1200	3200×1200
X, Y, Z axis travel	mm	1450×900×600 (Double head) 2300x900x600 (Single head)	1750×900×600 (Double head) 2500×900×600 (Single head)	2400×900×600 (Double head) 3000×900×600 (Single head)
Internal dimension of machining fluid tank (L×W×H)	mm	3500×1800×850	3800×1800×850	4500×1800×850
Maximum electrode weight	kg	450 Single head stage	450 Single head stage	450 Single head stage
Maximum workpiece weight	kg	20000	25000	28000
The maximum and minimum distance from the work surface to the electrode plate	mm	660/1260	660/1260	700/1300
Machine weight	kg	15000/17000	17500/20000	23000/26000
Total input power	KVA	13+13	13+13	13+13
Dimensions (length × width × height)	mm	6500×4500×3800	6000×5000×3800	6200×5000×4000
Input power		3 Phase, AC415V/50Hz		
CNC Power Supply	A	A50/A100		
Maximum machining current	A	50/100		
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		
Programming expert system		Automatically generate machining programs		
Interpolation type		Linear, circular, spiral		
Compensation for each axis		Each axis respectively step error compensation, clearance compensation		
Maximum number of controlled axis		Three axises linkage		
Processing fluid filtration method		Switching Cartridge Filter		
Numerical control pulse power supply device		A50	A50	A50
Minimum drive unit	μm	1		
Input type		Touch screen, U disk/Network transmission		
Display type		15” LCD screen (TFT-LCD)		
Remote control box (hand control box)		Standard point move (multistage switching)		
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, insurance chip, tool box, instruction manual, grease gun, etc.		

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