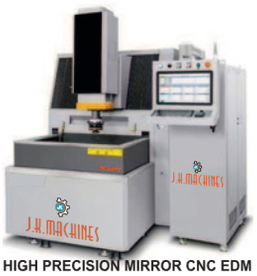
OUR PRODUCTS RANGE



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)



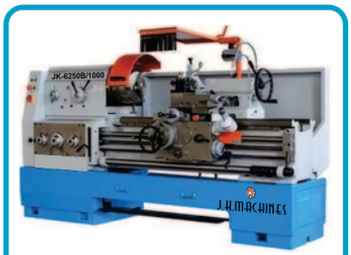
CONSUMABLES/SPARES (Pg. No. 20)



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)

CNC WIRECUT (DC Stepper)



Salient Features

- XY axis on L. M. guide driven by ball screw
- Wire drum on L. M. guide
- Reciprocating molybdenum wire technology
- Fine pitch screw for UV axis moment
- Stepper motor for X, Y, U, V axis
- Flexible job stand for job mounting
- Variable speed AC motor for wire drum
- Sturdy base
- Low running cost
- User friendly software interface
- Color LCD display
- Display of machining time
- 2D/3D graphic simulation of wire path
- Centerlised Lubrication pump
- Display of operator help and error massage
- Simultaneous control of X, Y, U, V axis
- Single block execution
- Rotation/mirror of program
- Automatic center find, edge find
- Program input from USB
- Wire brake protection mode
- Can cut complex profile job
- Industrial CPU
- Auto short-circuit recovery
- Z axis motorized
- Water tank with filter

Optional Accessories

- 10 & 15 degree taper
- Magnetic filter
- Servo motor

Job Sample



Standard Accessories

- High Speed Controller
- Wire Right Angle Block
- Drum Handle
- Molybdenum wire
- Jr3 Gel
- Clamping Kit
- Allen Keys
- Spanner
- Scissor

Parameter/Specification	Unit	ECO-20	ECO-25	ECO-35	ECO-45	ECO-50	ECO-63	ECO-80
Working table (X x Y)	mm	270 x 420	400 x 560	500 x 740	600 x 840	670 x 1000	770 x 1180	990 x 1360
Working travel (X x Y)	mm	200 x 250	250 x 320	350 x 450	450 x 550	500 x 630	630 x 800	800 x 1000
Max. thickness of work piece	mm	300	300	400	400	500	700	700
Max. taper	Deg./mm	±3 Deg /100						
Max. cutting speed	mm^2/min	120 / (200 High Speed Controller)						
Optimum roughness	um	1.50						
Electrode wire diameter	mm	0.12 To 0.18						
Power consumption	kVA	3	3	3	3	4	4	4
Input power supply	V	3 Phase. 415VAC, 50Hz						
Max. work piece weight	kg.	200	200	300	400	800	1000	1500
Working liquid		DM water						
Min. input command	mm	0.001						
Overall weight	kg.	800	900	1200	1400	2400	3200	4500
Dimension of machine	mtr	1.5x1.0x1.4	1.5x1.0x1.4	1.6x1.3x1.7	1.7x1.5x1.7	2.0x1.7x1.7	2.2x1.9x1.9	2.5x2.1x2.0

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