

# 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
- Centerised Lubrication pump
- Display of operator help and error message
- 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 <sup>2</sup> /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

# OUR PRODUCTS RANGE



CNC EDM (Pg. No. 03)



CNC EDM (Pg. No. 04)



ZNC EDM DC SERVO (Pg. No. 05)



ZNC EDM AC SERVO (Pg. No. 06)



CNC DRILL EDM (Pg. No. 07)



DRILL EDM (Pg. No. 08)



CNC WIRE CUT DC STEPPER (Pg. No. 09)



CNC WIRE CUT AC SERVO (Pg. No. 10)



LASER WELDING (Pg. No. 11)



HAND HELD LASER (Pg. No. 12)



FIBER LASER CUTTING (Pg. No. 13)



LASER MARKING/ENGRAVING (Pg. No. 14)



MIRO TIG WELDING (Pg. No. 14)



CNC ENGRAVING (Pg. No. 15)



CNC ENGRAVING (Pg. No. 15)



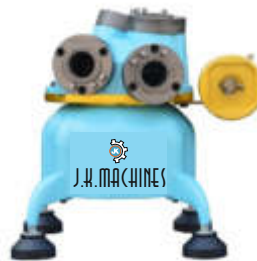
CNC ENGRAVING (Pg. No. 16)



CNC ENGRAVING (Pg. No. 16)



CNC WOOD ROUTER (Pg. No. 17)



END MILL GRINDER (Pg. No. 18)



DRILL BIT GRINDER (Pg. No. 18)



SINGLE LIP GRINDER (Pg. No. 18)



DIGITAL READOUT (Pg. No. 19)



CONSUMABLES/SPARES (Pg. No. 20)



VERTICAL MOULDING (Pg. No. 21)

**Registered Address :**

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