

# CNC WIRECUT (AC SERVO)

## Salient Features

- “C” structure, “I” shape machine bed same as brass WEDM structure
- Reusable reciprocating technology
- Linear Guide & Ball Screw for X, Y, U, V, Z Axis & Wire Drum
- Special industrial computer with LCD color display
- **Panasonic/Mitsubishi AC servo motors** with close loop feedback on X,Y Axis
- Die electric tank with paper filter
- Multi cut, Multi cavity
- AutoCut controller system based on Window XP
- Automatic centerised lubrication system
- Automatic wire tension system
- Motorized Z axis on L. M. guide
- LED working lamp
- Program input from USB, LAN online Incremental, Absolute command
- Linear & Circular interpolation
- Steps error, backlash error compensation
- Display of machining time & cutting rate
- 2D/3D graphic simulation of wire path
- Display of operator help & error message
- Simultaneous control of X,Y,U,V axis
- Single block execution
- Rotation/mirror of program
- Automatic center find, Edge find
- Wire brake protection mode
- Auto gap short recovery
- Alarm light
- Resumption of cutting from power fail position



## Optional Accessories

- Bigger Taper
- Higher Z Height
- Magnetic Filter
- U & V Servo

## Standard Accessories

- Wire Right Angle Block
- Drum Handle
- Molybdenum Wire
- DIC 206 Fluid
- Tool Kit
- Allen Keys
- Leveling Pads
- Spanner
- Scissor

## Job Sample



Specification	Unit	ECO-35S	ECO-45S	ECO-50S	ECO-63S	ECO-80S
Work Table Travel	mm	350 x 400	450 x 550	500 x 630	630 x 800	800 x 1000
Work Table Size	mm	550 x 800	570 x 880	650 x 1000	850 x 1350	980 x 1580
Max. Workpiece Thickness	mm	300	300	300	400	400
Max. Taper Angle	°/mm	±3°/80 (±6°/100 & ±10°/120 Optional)				
Max. Cutting Speed	mm <sup>2</sup> /mm	300				
Positional Accuracy	mm	±0.005				
Max. Working Current	amp	10				
Optimum Roughness	μ Ra	1.50 Single Cut & 0.60 Multiple cutting				
Range of Wire Diameter	mm	0.12 - 0.25				
Wire Traveling Speed	m/mm	5 - 11				
Max. Workpiece Weight	kg	300	400	600	800	1500
Working Liquid		DM Water				
Input Power Supply	volt	3 Phase, AC415V/50Hz				
Power Consumption	kVA	2.5				
Machine Dimension	mtr	1.8x1.7x1.9	1.9x1.8x1.9	2.0x2.0x2.0	2.4x2.6x2.5	2.5x2.1x2.0
Machine Weight	kg	1800	2100	2700	4500	6500

# 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)



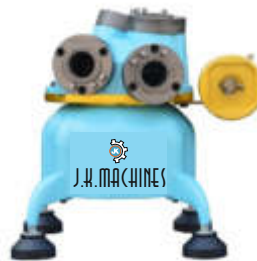
CNC ENGRAVING (Pg. No. 16)



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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