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)

ZNC EDM (AC SERVO)



Salient Features

- 15” LCD color display
- Programmable Z axis
- 50 step, 100 program storage
- Mirror finishing special circuit (Optional)
- Built in 3 axis DRO resolution 1 micron
- Precision co-ordinate table on flat & V type turcide coated guide ways driven by ball screw
- Double door large work tank for ease of loading & unloading of workpiece
- Oil level alarm, Oil temrature alarm
- Highly accurate work head with the quill running on preloaded cross roller bearing and ball screw
- High speed quill moment with Panasonic AC servo motor
- Attractive compact looks
- Hand held multi function remote control
- Z axis lock function
- Mm and Inch display
- Reverse servo machining
- Safe & stable, No arc machining
- Like to like material machining
- Calibrated EDM technology
- Automatic lubrication system
- Fire extinguisher, Smoke detector alarm
- Self diagnostic trouble shooting with alarm
- Sleep mode, Auto mode
- Efficient dielectric system with double filteration

Standard Accessories

- Axis Corrector
- Flat Electrode Holder
- Round Electrode Chuck
- Flushing Aids
- Clamping Kit
- Mounting/Leveling Pads
- Tool Kit

Optional Accessories

- Servo stabilizer
- Edm oil
- Orbital attachment
- Translatory head
- Magnetic chuck

Specification	Unit	ZNC-30S	ZNC-35S	ZNC-45S	ZNC-50S	ZNC-70S
Work Tank (WxDxH)	mm	785 x 540 x 320	875 x 540 x 380	1205 x 600 x 450	1255 x 685 x 480	1940 x 1050 x 600
Working Table	mm	500 x 300	630 x 350	700 x 450	800 x 500	1200 x 700
Longitudinal Travel (X axis)	mm	300	350	450	500	700
Transverse Travel (Y axis)	mm	200	250	350	400	600
Quill Travel (Z axis)	mm	200	200 + 200	250 + 250	250 + 250	300 + 300
Quill to Working Table	mm	560	650	700	760	1000
Max. Electrode Weight	kg	50	75	75	100	150
Max. Workpiece Weight	kg	450	500	700	1000	2000
Drive System for Z Axis		AC Servo	AC Servo	AC Servo	AC Servo	AC Servo
Machine Weight	kg	1200	1300	1600	1900	3500
Machine Dimension	mtr	1.50 x 1.20 x 2.32	1.60 x 1.25 x 2.50	1.90 x 1.60 x 2.40	2.00 x 1.60 x 2.50	2.10 x 2.00 x 2.80
Pulse Generator						
Max. Working Current	amp	30 (60AMP & 90 AMP OPTIONAL)				
Max. MRR	mm^3/ min	300				
Min. Electrode Wear	%	≤0.1				
Best Surface Finish (Ra)	µ	0.15 with mirror function / 0.40 without mirror function				
Power Supply	volt	3 Phase, AC415V/50Hz				
Connected Load	kVA	8				
Dielectric tank						
Oil Tank Capacity	Ltr	300	350	500	500	800

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