



RATNAPARKHI

ELECTRONICS IND. PVT. LTD.

SINCE 1989

Contact us



EDM
Aura ZNC



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We Support



Trial Jobs



Button Die



Fastner Die



Biscuit Die



Letter Die

Features

- **High speed Jump**
High speed jump of 2 mtr/min maintains clean gap. This ensures highly efficient and reliable EDM machining.
- **Adaptive multi stage anti arc**
Spark discharge is continuously monitored and instant pulse to pulse corrective actions are taken
- **Z axis reference** after power on to ensure correct z-axis co-ordinates
- **Integral design with compact footprint**
- **Auto cycle operation based on: Lift distance,**
- **LW:- Settable low wear factor for controlling electrode wear**
- Dry spark facility for electrode alignment

Pulse Generator

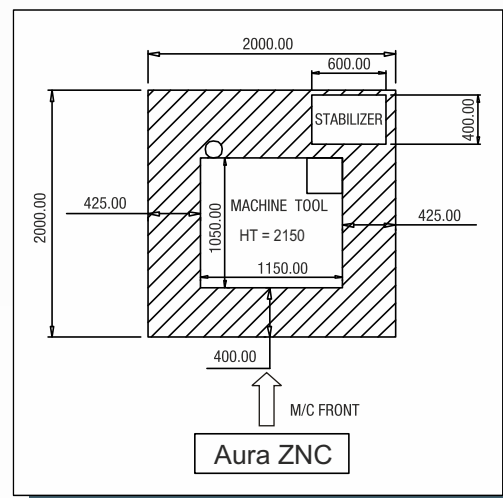
- 10 Inch screen.
- Z Lock Facility
- 99 no. of programs and 10 steps per program
- EDM technology at a glance on screen
- 3 axes digital positioning display
- Day and night / Sleep function
- Reverse Servo machining
- Higher Material Removal Rate due to equi - energy pulse discharge
- Reduced electrode wear with high MRR
- Selectable High-speed jump function
- Adaptive anti-arc control
- Safety Interlocks
- Job set facility for electrode dialing

Machine Specification	
Work tank dimensions	850 x 530 x 300 mm
Table size	550 x 300 mm
T slot	3 x 15mm
X axis travel	280 mm
Y axis travel	200 mm
Z axis travel	250 mm
Max job height	250 mm
Max electrode weight	60 kg
Max job weight	300 kg
Pump motor rating	0.5 Hp 3 phase
Machine X & Y axis	Lead screw
Machine Z axis	Ball Screw
Controller Z axis	AC Servo
Overall machine weight	1000 kg
Maximum table quill distance (WA)	350 mm
Minimum table quill distance (WA)	110 mm
Machine foot print	1500 x 1500 x 2300 mm

Dielectric Unit	
Integral with M/c	
Dielectric Capacity	300 Lit.
Filter Element	10 μ
No of Filters	2 no.
Dielectric Tank width	1100 mm
Dielectric Tank depth	900 mm
Height	330 mm
Pump Motor	0.5 hp 3 phase

Pulse Generator	
Max Working Current	15+5, 30+5, 45+5
Pulse ON-OFF Setting	Ton (1 to 999), T(1 to 12)
Max MRR * Copper to Steel	235 mm ³ /min.
* Graphite to Steel	240 mm ³ /min.
* Steel to Steel	150 mm ³ /min.
Min Electrode Wear	0.1 %
Surface Finish	0.8-1.3
Connected Load	3.5 kVa
Power Supply	3 phase 415 VAC

Floor Plan



Important Note : In keeping with our constant endeavour to meet market needs, we reserve the right to alter or change the specifications mentioned, without prior notice

www.ratnaparkhiedm.com



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