



RATNAPARKHI
ELECTRONICS IND. PVT. LTD.
SINCE 1989

HSAT PRO2
CNC Wirecut EDM



We Support



MAKE IN INDIA

Trial jobs



Features :

- New C-type casting base rigid structure.
- Auto wire tension facility.
- Full closed loop X,Y Axis with pitch error compensation.
- Backlash Error Compensation
- Pendant unit with MPG for fine X,Y,U,V movement
- Wire guide system provided
- Max. Cutting speed 150 mm²/min. (HcHcr/WPS).
- Direct coupled AC Servo motor. for X, Y axis
- Online offset correction.
- Z- Motorized with Z- lock provision
- Low running cost.
- Best surface finish 1.0 to 1.5 μRa.
- Inbuilt 5 axis DRO.
- Auto Guide Span Calculation
- X , Y ,U , V axis with LM guide ways.
- Work Table water guard with door.
- Machine Reference Facility
- Any angle profile rotation
- UV Zero Button Facility

CNC Pulse Generator :

- Profile Zoom and Pan Facility.
- Option to display different profile layers.
- MDI(Manual Data Interface).
- Mid program- To start or end program at any given block.
- Pre-Spark facility.
- Pre-Jog facility.
- Rotate (±90°) and mirror image about given point.
- Multipass cutting facility.
- Complex cutting facility.
- Auto gap short recovery.
- Single block execution.
- Inbuilt 5 axis DRO.
- Resumption of cutting from power fail position.
- New profile can be generated while sparking.
- Automatic center find, edge find, operation and pause at wire break.
- Help and error messages for operator alert.

RRCAM : User friendly windows based Part Programming Software:

- DXF file interface.
- Auto parameter selection.
- Option for tangential entry and exit.
- Multi-cavity and multi-pass option with holding facility.
- Powerfull path generation and functions- move, copy, mirror, rotate, scale, reverse mirror.
- Path Modify option: Taper change, Taper skip, Progressive Taper, Offset change and constant radius block is possible.
- Gear profile generation.
- Settable job holding length
- 2D Graphic simulation and 3D graphic display with rotate and zoom option.
- Regeneration of drawing from G- code file.



Pendant unit with MPG & multiple controls.

Technical Specification:

Parameter	Unit	Models
		3240 HSAT PRO 2
Work table size	mm	450 x 600
X Y Traverse	mm	300 x 400
Max.Z Height	mm	400
Max Taper angle	Degree	±5°/100 mm
Max Work piece weight	Kg.	300 Kg.
Floor Plan	mm	2300 X 2800 X 1750

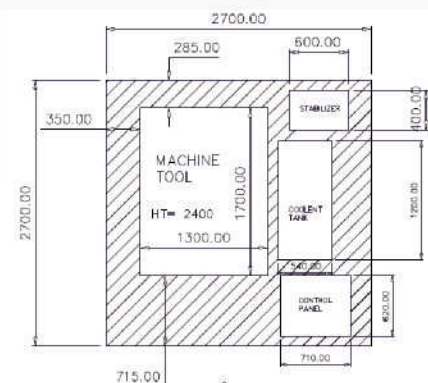
Pulse Generator:

Minimum input command	0.001 mm
Minimum increment	0.001 mm
Interpolation function	Linear and circular
simultaneous controlled axis	XYUV
Resolution of XYUV	0.001mm
Data Input	USB, .
Input power supply	3 phase ,415 VAC.
Connected load	1.5 kVa.

Dielectric Unit :

Dielectric	Soft water + Multipass paste (50 : 1Kg.) Soft water + Coolant oil S-100 (50:1lit.)
Tank Capacity	55 Liters
Filter	Magnetic separator + Paper filter.

Floor plan



3240 HSAT PRO 2

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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