



RATNAPARKHI
ELECTRONICS IND. PVT. LTD.

SINCE 1989

Contact us



HSAT PRO1
CNC Wirecut EDM



We Support



Trial jobs



Features :

- New C-type casting base rigid structure.
- Auto wire tension facility.
- Full closed loop X,Y Axis with error compensation.
- Guide system for smooth working.
- Max. Cutting speed 150 mm²/min. on steel (HcHcr/WPS).
- Direct coupled Japanese make AC Servo motor.
- Online offset correction.
- Precision Ballscrews for X,Y Axis.
- Motorized Z axis.
- Low running cost.
- Best surface finish 1.0 to 1.5 μRa.
- Inbuilt 4 axis DRO.
- Taper angle of ±5°.
- Pendant unit with multiple controls.
- X , Y ,U, V axis with LM guide ways.
- Multi voltage provision for better surface.
- LM Guideways for Drum Assembly.
- Work Table water guard with door.

CNC Pulse Generation:

- 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.
- Program zoom in facility.
- View original, top and bottom position on window.
- Inbuilt 4 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.
- Powerful 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 blocs is possible.
- Gear profile generation.
- Quick path generation option.
- 2D Graphic simulation and 3D graphic display with rotate and zoom option.
- Regeneration of drawing from G- code file.



Hand held pendent unit

Floor plan



3240 HSAT PRO 1

Technical Specification:

Parameter	Unit	Models
		3240 HSAT PRO 1
Work table size	mm	450 x 600
X Y Traverse	mm	300 x 400
Max.Z Height	mm	300
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	Tap water + Multipass paste (50 : 1Kg.)(Std.) Tap water + Coolant oil S-00(50:1lit.)(std)
Tank Capacity	55 Liters
Filter	Magnetic separator + Paper filter.

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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