

Contact us

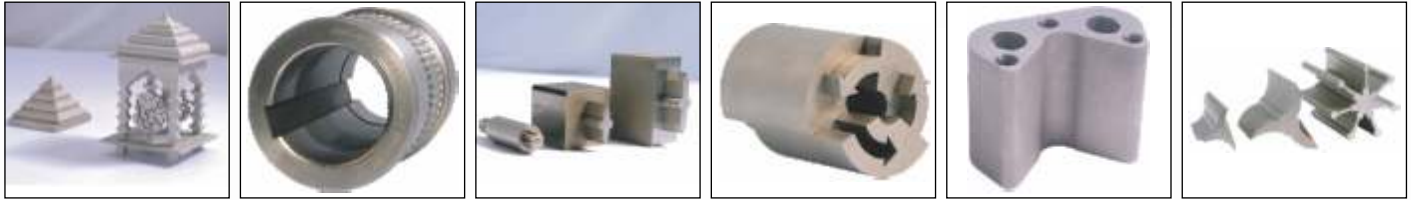


RATNAPARKHI
ELECTRONICS IND. PVT. LTD.
SINCE 1989

EZEECUT H NXG
CNC Wirecut EDM



Trial jobs



Features

- ✦ **Online Offset Correction**
- ✦ **Full Closed loop X, Y (linear scale) with error compensation**
- ✦ **Motorized Z axis with LM guideways**
- ✦ Low running cost
- ✦ Avg. Cutting speed 80 mm²/min on steel (HcHcr / WPS)
 - * High Speed with 120 sq mm²/min with HSPF unit tank optional
- ✦ X, Y axis with LM guideways
- ✦ Reusable Molybdenum & Brass wire technology
- ✦ Best surface finish 1.5 to 2 μ Ra
- ✦ Inbuilt 4 axis DRO
- ✦ Multivoltage provision for better surface

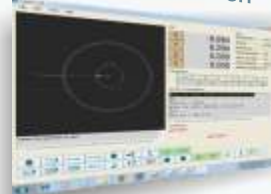
CNC Pulse Generator EzeeWin

- ✦ MDI
- ✦ 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
- ✦ Display of cutting rate in mm/min or mm²/min.
- ✦ Display of machining time
- ✦ 2D graphic simulation of wire path
- ✦ Display of operator help and error message
- ✦ Single block execution
- ✦ Resumption of cutting from power fail position
- ✦ Automatic center find, edge find operation and pause at wire break
- ✦ Auto gap short recovery
- ✦ Multi-pass and Multi-cavity facility
- ✦ New profile can be generated while sparking

RRCAM : User friendly windows based Part Programming Software

- ✦ DXF file interface
- ✦ Auto parameter selection
- ✦ Option for tangential entry & exit
- ✦ Option for start & end block generation
- ✦ Multi-cavity and multi-pass option with holding facility
- ✦ Powerful path generation and functions-move, rotate, copy, mirror, scale, reverse mirror
- ✦ Path modify options: Taper change, Taper skip, Progressive Taper, Offset change and Constant radius blocks is possible
- ✦ Regeneration of drawing from G-code file
- ✦ Quick path generation option
- ✦ 2D graphic simulation and 3D graphic display with rotate and zoom options

EzeeWin Screen



RRCAM Screen



[A] Technical Specification -

Worktable size	400 x 640 mm
X & Y axis travel	320 x 400 mm
Max Z height	350 mm
Max work piece height	350 mm
Max work piece size	400 x 640 mm
Max work piece weight	300 kg
Machine tool size (L x W x H)	1700 X 1300 X 2450 mm
Max taper cutting angle	±3°/100mm job height
Wire diameter	Molybdenum 0.18mm (std.), 0.12 & 0.25 mm (opt.) Brass wire 0.25 mm (std.)

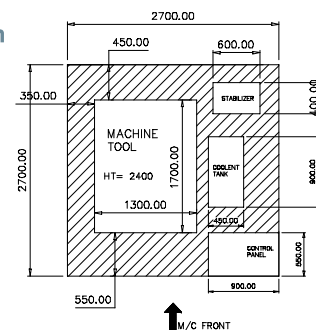
[C] Dielectric Unit

Dielectric	Tap water + coolant oil S-100 (50 :1lit.) (std.) Tap water + multipass paste (50:1kg.) (std.)
Tank capacity	55 ltr.
Filter	Magnetic separator

[B] Generator

Minimum input command	0.001 mm
Minimum increment	0.001 mm
Interpolation function	Linear and Circular
Simultaneous controlled axis	X,Y,U,V
Resolution for X,Y,U,V	0.001mm
Data input	USB drive
Input power supply	3phase, 415 VAC
Connected load	1kVa

Floor plan



EZEECUT H NXG

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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