

EZEECUT  **NXG**

CNC Wirecut EDM

Wirecut technology made easy



CNC Wirecut EDM

Features

- Lowest running cost
- Full Closed loop X, Y (linear scale) with error compensation
- Reciprocating Brass / Molybdenum wire
- Avg. Cutting speed
80 mm² / min on steel (HCHr / WPS)
- Mutipass and Multicavity facility
- Best surface finish 1.5 Ra
- Taper ± 3 / 100 mm (Higher degrees optional)
- Inbuilt 2 axis DRO
- Coolant used as dielectric.

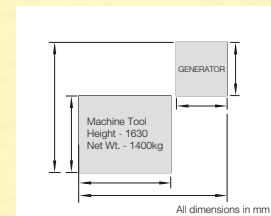
CNC Pulse Generator EzeeWin

- Mid program - To start or end program at any given block
- Pre-spark and Pre-jog facility
- MDI
- Rotate (90°) and Mirror image about given point
- Colour TFT display
- 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 centre find, edge find operation and pause at wire break
- Auto gap short recovery
- Data input from CD or USB pendrive
- Muti-cavity and Multi-pass capability
- Background programming possible.

Trial Jobs



Floor Plan



EZEECAM

Simple to use windows based CAD/CAM software

- Autocad DXF file interface
- Built in utility packages for gears and curves
- Graphic programming tool
- Built-in functions : move, rotate, copy, mirror, scale, reverse mirror.
- Multi-cavity and Multi-pass program generation
- Tool path reversal

Machine Tool

- Ball screws and LM guides for X, Y table movement.
- Fine pitch screws for u, v movement
- Stepper motors for X, Y, u, v axis movement
- Motorised Z movement with LM guides.
- Flexible job stand for job mounting
- Variable speed AC motor for wire drum assembly
- Sturdy base
- Centralize lubrication system.

Technical Specifications -

[A] Machine Tool - EZEECUT NXG

Parameter	EP	EP	EP
	2532H	3240H	4050H
Worktable size mm	340 x 560	380 x 650	410 x 710
XY table traverse mm	250 x 320	320 x 400	400 x 500
Max Z height mm	300	300	300
Max workpiece weight Kg	200	300	450
Max taper cutting angle	±3°/100mm	±3°/100mm	±3°/100mm
	**	**	**

** Higher Degree optional.

[C]

Dielectric Unit	
Dielectric capacity	Tap water + coolant oil (40:1lit.) Tap water + Multipass Paste (40:1kg.)
Tank Capacity	55 Litres
Filter	Magnetic separator.

[B]

Generator	EzeeWin
Minimum input command	0.001 mm
Minimum increment	0.001 mm
Interpolation function	Linear and Circular.
Simultaneous controlled axes	X, Y, U, V
Resolution for X, Y, U, V	0.001 mm
Data input	CD, USB pendrive
Input power supply	3phase, 415VAC, 50Hz
(Alternate voltage rating available on request)	

[D]

Wire Diameter	Type of Wire
0.2 to 0.25 mm	Brass
0.12 to 0.25 mm	Molybdenum