



**RATNAPARKHI**  
ELECTRONICS IND. PVT. LTD.  
SINCE 1989

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**CNC Wirecut EDM**  
Reusable Type

**Pioneering EDM Technology  
for the last 30 + years in INDIA**

**CNC Wirecut EDM**  
Continuous Type

**EDM Spark Machine**

**Ezeedrill**

**CNC DRILL**

**Orbital System**

**PEDM**  
Broken Drill Cum Tap Removal

रत्नपार्खी इलेक्ट्रॉनिक्स इंडस्ट्रीज प्रा. लि. RATNAPARKHI ELECTRONICS  
ई-५२, एम.आय.डी.सी, सातपूर, नाशिक-४२२००९. FAC: 9686668958

**One stop solution for all your EDM needs**

**We Support**



## Ezeecut NXG CNC Wirecut EDM

Parameter	Unit	2530 NXG	3240 NXG	3545 NXG	4050 NXG	5063 NXG
Work table size	mm	280 X 380	400 X 600	450 x 650	550 X 750	670 X 1000
X Y Traverse	mm	250 X 300	320 X 400	350 x 450	450 X 550	500 X 630
Max.Z Height	mm	300	400	500	500	600
Max Taper angle	Degree	±3°/ 100mm	±3°/ 100mm	±3°/ 100mm	±3°/ 100mm	±3°/ 100mm
Max Work piece weight	Kg	200 Kg	300 Kg	300 Kg	500 Kg	900 Kg
Floor Plan	mm	2300X2300X1740	2700 X 2700 X1860	2700 x 2700 x 1860	2800 X 2800 X 2000	3000x2900x2000

- Power Saver- Connected load of only 1 KVA
- Closed loop system
- With Features like Pre-Jog, Pre- Spark, MDI, 3- point center find and many more



## Ezeecut NXG CNC Wirecut EDM

Parameter	Unit	6380 NXG	80100 NXG	100120 NXG
Work table size	mm	720 X 1150	990 X 1360	1130 X 1460
X Y Traverse	mm	630 X 800	800 X 1000	1000 X 1200
Max.Z Height	mm	600	800	1000
Max Taper angle	Degree	±3°/ 100mm	±3°/ 100mm	±3°/ 100mm
Max Work piece weight	Kg	1200 Kg	1500 Kg	2500 Kg
Floor Plan	mm	3000 X 3000 X 2200	3200 X3400X2300	4000X4000X2400

Above Models Available on 8-12 Week delivery Period

- Power Saver- Connected load of only 1 KVA
- Closed loop system
- With Features like Pre-Jog, Pre- Spark, MDI, 3- point center find and many more



## Ezeecut H NXG CNC Wirecut EDM

Parameter	Unit	3240 H NXG
Work table size	mm	400 x 640
X Y Traverse	mm	320 x 400
Max.Z Height	mm	350
Max Taper angle	Degree	± 3/100 mm
Max Work piece weight	Kg.	300 Kg.
Floor Plan	mm	1700 x 1300 x 2450

- C-Type structure
- Motorized Z- axis with LM Guideways
- Power Saver- Connected load of only 1 KVA
- Closed loop system
- With Features like Pre-Jog, Pre- Spark, MDI, 3- point center find and many more.



## 3240 NXG PRO 2

### CNC Wirecut EDM

Parameter	Unit	3240 NXG PRO 2
Work table size	mm	400 x 640
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

- With AC Servo motors for X,Y Axis
- Handheld pendant unit for easy operation
- Motorized Z- axis with LM Guideways
- Table Reference facility
- Backlash and pitch error compensation



## 3240 HSAT PRO 2

### CNC Wirecut EDM

Parameter	Unit	3240 HSAT PRO 2
Work table size	mm	450 x 640
X Y Traverse	mm	300 x 400
Max.Z Height	mm	400
Max Taper angle	Degree	± 5/100 mm
Max Work piece weight	Kg.	400 Kg.
Floor Plan	mm	2300 X 2800 x 1750

- C-Type structure with guide system for wire
- With AC Servo motors for X,Y axis
- Handheld pendant unit for easy operation
- Motorized Z- axis with Lock position provision
- Table Reference facility
- Backlash and pitch error compensation



## 3240 SMARTCUT PRO 1

### CNC Wirecut EDM

#### Continuous Type Wirecut Machine.

Parameter	Unit	3240 SMARTCUT PRO 1
Work table size	mm	900 X 600
X Y Traverse	mm	400 X 300
Max.Z Height	mm	250
Max Taper angle	Degree	± 30/100 mm
Max Work piece weight	Kg.	300 Kg.
Floor Plan	mm	3050 X 2500 X 2000

- Full closed loop with 1 μ scales for X,Y axis  
With AC Servo motors
- Handheld pendant unit for easy operation
- Motorized Z- axis with Lock position provision
- Table Reference facility
- Backlash and pitch error compensation
- Auto align function.





## E. Series EDM Spark Machine

Parameter	Unit	4025 E series	5530 E series
Work Tank Size	mm	650 x 430 x 300	800 x 530 x 300
Table Size	mm	400 x 250	550 x 300
X- Travel	mm	200	280
Y- Travel	mm	150	200
Z- Travel	mm	150	250

- DRO type machine
- With DC servo motor
- Compact footprint
- MOSFET technology



## Aura Series EDM Spark Machine

Parameter	Unit	4025 AURA ZNC	5530 AURA ZNC
Work table size	mm	650 X 430 X 300	800 X 530 X 300
Table Size	mm	400 X 250	550 X 300
X-Travel	mm	200	280
Y-Travel	mm	150	200
Z-Travel	mm	150	250

- With AC servo Motor
- Z-Axis with ball screw
- High speed jump for Z- axis
- Adaptive multistage anti arc.



## ALTRA ZNC Series EDM Spark Machine

Parameter	Unit	5530 ALTRA ZNC
Work table size	mm	800 X 530 X 300
Table Size	mm	550 X 300
X-Travel	mm	280
Y-Travel	mm	200

- With AC servo Motor
- High speed jump for Z-axis
- All Axis with Ball screws
- Z.Axis with LM Guideways
- Fuzzy logic system
- Adaptive multistage Antiarc



## Ezeedrill EDM Drill

Parameter	Unit	EZEEDRILL
Work table size	mm	400 x 400
X Y Traverse	mm	300 x 200
Z axis travel(Z+ W)	mm	300 + 250
Drilling capacity		0.3 mm to 3 mm
Max Work piece weight	Kg.	300 Kg.
Floor plan	mm	1950 x 2200 x 2300

- Stainless Steel work table
- Compact foot print
- PCD and ARRAY Programming
- Ball screw for X,Y,Z axis.
- LM guideways for Z and W Axis



## CNC DRILL

Parameter	Unit	CNC Drill
Work table size	mm	650 x 520
X Y Traverse	mm	450 x 350
Z axis travel(Z+ W)	mm	250 + 250
Drilling capacity		0.3 to 3 mm
Max Work piece weight	Kg.	900
Floor plan	mm	2600 x 2600 x 2250

- AC Servo System for X, Y, Z Axes.
- Program entry-
  - Manual table entry
  - Copy/Paste from spreadsheet/excel.
  - dxf file import
- Wear factor compensation
- Pre-jog facility. Auto center find and edge find operation



## Orbital System EDM Spark Attachment

- Basic steps towards CNC EDM functions in manual machine
- Corner sharpening.
- Giving undercut
- Side machining
- Increasing the size of cavities
- Can be attached to any EDM (Z- lock facility should be present)

### Specification

- Data Input : Multi function key board & touch screen HMI
- Orbital Cycles : Vector, Circular, Polygon & Z Independent
- Orbital Head Unit Stroke : 0 to 20.0 mm in step of 0.001 mm



## PEDM

### Broken Drill Cum Tap Removal

- Specially designed for removing Broken Drills and Taps
- Portable, simple and economical
- Angular working possible
- Works on single phase power supply
- Max. Z- travel- 90 mm



## EDM CONTROL PANEL

- Enhance performance of your old EDM just replace the old pulse generator with the upgraded new E-series, Aura-Series and Altra ZNC series EDM Pulse Generator.

### Altra Aura Panel :-

- 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



## CNC WIRECUT CONTROL PANEL

- Give your old/ breakdown CNC Wirecut machine new life with our Indian Make Control Panel
- **We provide retrofit solution for both Reusable and Continuous type wirecut machines.**
- Online offset correction facility
- MDI
- Mid program
- Multipass cutting facility
- Complex cutting facility
- Auto gap short recovery
- Inbuilt 4 axis DRO
- Resumption of cutting from power fail position
- New profile can be generated while sparking





**S-100 COOLANT**



**MOLYBDENUM WIRE**



**FRONT ROLLER ASSY**



**REAR ROLLER ASSY**



**EDM DRILL CONSUMABLES**



**EDM DRILL CONSUMABLES**



**FLUSHING ASSY**



**DUAL GUIDE PIN**



**BEARING**



**CURRENT PICK UP**



**REAR GUIDE PIN**



**BRASS WIRE**



**TIMING BELT & PULLEYS**



**MULTIPASS PASTE**



**BEARING PULLER**



**HABASIT BELT**



**V - GROVE PULLEY**



**TAPER BELT ROLLER**



**E-W Wire Bunch**

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](http://www.ratnaparkhiedm.com)



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# OUR SALES & SERVICES NETWORK



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