



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

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**EZEE DRILL**



**Optional  
0.2mm Drill**

**EZEE drilling in hard metals**

Features

- ✦ Small hole drilling in any hard metal
- ✦ Both brass & copper electrode tubes can be used
- ✦ Large drilling range
- ✦ Soft water is used as dielectric fluid
- ✦ Stainless Still work table ensures longer life
- ✦ Precision stepper drive control
- ✦ Compact footprint
- ✦ Z axis rapid speed
- ✦ PCD and array programing
- ✦ **0.2 mm drill optional available**

**Technical Specifications of EZEE DRILL**

|                              |                         |
|------------------------------|-------------------------|
| Machine Tool                 | EZEE DRILL              |
| SS work tray dimension       | 700 x 470 x 83          |
| Work table                   | 400 X 400               |
| X & Y axis travel            | 300 X 200               |
| Z axis travel ( Z+W)         | 300 + 250               |
| Max electrode length         | 400mm                   |
| Size of electrode dia        | 0.3 to 3.0 mm           |
| Max drill depth              | 250 mm                  |
| Max coolant pressure         | 6 MPA - 60 Kg/cm        |
| Max weight of the work piece | 300kg                   |
| Work tank                    | 690 X 470 x 83 mm       |
| Net weight                   | 750 kg                  |
| Connected load               | 2 KVA                   |
| Input power supply           | 3 phase, AC 415 V,50 Hz |
| Max machining current        | 20 amp                  |
| Machine footprint            | 1950 X 2200 X 2300 mm   |
| Technology                   |                         |
| Job material                 | Brass / steel / carbide |
| Dielectric                   | Soft water / DM Water   |

Stainless Table



Job Samples



LCD Screen



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

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**PEDM** Broken Drill  
Cum Tap Remover



### Main Features

- ✦ Portable, Simple, Economical
- ✦ Removes broken drills, taps, screws using appropriate circular / flat Electrode.
- ✦ Angular drilling possible.
- ✦ High Pressure pump to flush debris.
- ✦ Magnetic stand for easy mounting.
- ✦ Spark off after reaching depth.
- ✦ Spark off for interlocks.
- ✦ Auto retrace during gap-short.
- ✦ Power Supply 230VAC, 50Hz
- ✦ Connected Load 500 Watt.
- ✦ Max Z travel 90 mm.
- ✦ Electrode Diameter  $\varnothing 1 \sim 6$  mm.

### Technical Specifications :

|                                 |   |
|---------------------------------|---|
| Input Power supply              | 230VAC ( $\pm 10\%$ ) 50 Hz, 5 A  |
| Connected Load                  | 500Watt.  |
| Gap Open Voltage                | 145 VDC $\pm 10\%$  |
| Generator Dimension (L x W x H) | 350 x 258 x 310 mm.   |
| Generator Weight                | 18 Kg.  |
| Z-Travel Max                    | 90 mm.  |
| Electrode                       | Circular / Flat. (Brass / Cu) Hollow<br>brass tube for through flushing |

Application examples for removing broken Taps and screws using appropriate circular / flat Electrode



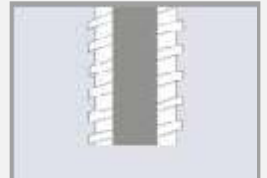
Hollow Copper Tube



Solid Brass Rod



Solid Copper Strips



Solid Copper Rod

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