



RATNAPARKHI
ELECTRONICS IND. PVT. LTD.
SINCE 1989

Contact us



CNC DRILL

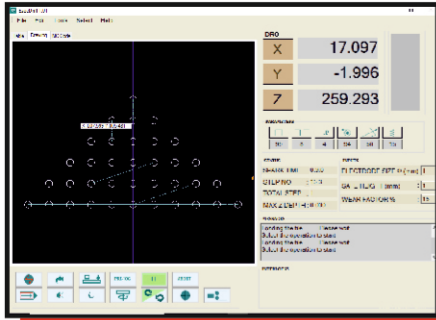


We Support

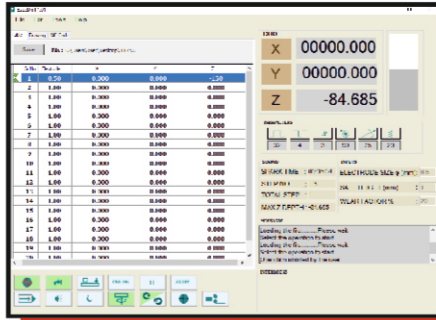


MAKE IN INDIA

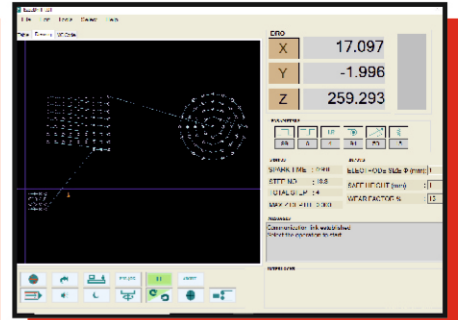
CNC DRILL



DXF File Import



Manual Table Entry



.csv File Entry

Special Features

- Direct Coupled AC Servo System for X, Y, Z Axis.
- Ball Screws with pre-loaded angular contact bearings for X,Y, Z Axis .
- All axis (X,Y,Z, and W) with LM Guideway.
- High Pressure water Pump.
- Can upload .dxf / .csv files.
- Reduces operating time.



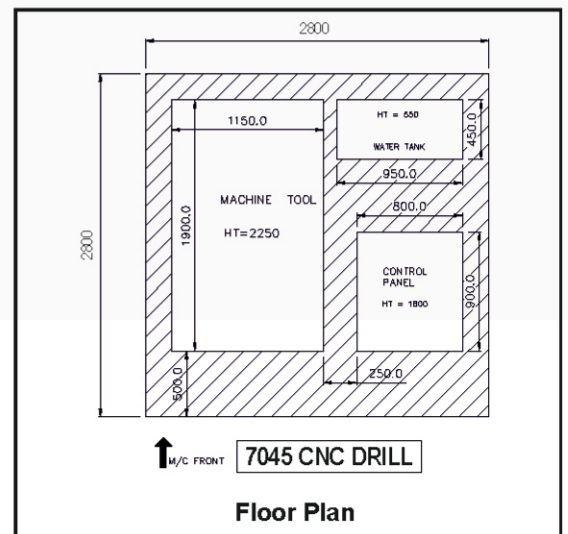
Pendent unit with MPG & multiple controls.

Features

- Drilling position data input { Max 1000 entries in a table }
 - Manual table entry for X, Y, Z position and electrode size
 - DXF file import for X, Y position.
 - .csv file import for X, Y, Z position and electrode size.
- Rotate & Sorting table data as per electrode size / X co-ordinate / Y co-ordinate.
- Selectable program START and END point.
- Wear factor for electrode wear compensation.
- AUTO Z co-ordinate zero on first spark of each drill.
- Settable SAFE Height to lift Z-axis at the end of each drill.
- Other Useful Functions -
 - Internal and External Centre find operation, - Edge find operation.
 - Prejog facility. - Single step. - Sleep mode.
- Graphical display of a program.
- On screen 3 axis DRO and safety interlocks.
- Multifunction Pendent with MPG for fine X, Y, Z axis movement.
- Machine Reference facility.
- Close loop X, Y axis with pitch error compensation.
- Backlash compensation for X, Y axis.
- Close loop Z axis with K-factor compensation.
- Sleep mode facility

Technical Specifications	5530 CNC DRILL	7045 CNC DRILL
Electrode Dia.	0.3 to 3.0 mm	0.3 to 3.0 mm
Work Table Size	550mm X 300 mm	700mm X 450 mm
Max. Drilling Depth	250mm	250mm
Travel X axis	320mm	450mm
Travel Y axis	250mm	350mm
Travel Z axis	300mm	300mm
Travel W axis	250mm	250mm
Resolution of X, Y and Z axis	1μ	1μ
Max. Workpiece Weight	400 Kg.	800 Kg.
Power Supply	AC 415 V, 50 Hz, 3 Phase	AC 415 V, 50 Hz, 3 Phase
Machine Floor Area	2500 x 2500 x 2300	2800 x 2800 x 2300
Power Consumption	3.5 KVA	3.5 KVA
Max. Water pressure	6MPA-60 Kg/cm	6MPA-60 Kg/cm
Max. Machining current	20 Amp.	20 Amp.

Dielectric Unit : 5530 CNC DRILL & 7045 CNC DRILL	
Dielectric	DM water Only
Tank Capacity	60 Liters
Filter	With pre- filter.



Floor Plan

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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Visit us



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