

CNC DRILL EDM



Salient Features

- Ball screw for X & Y & Z axis
- X & Y & Z axis move to coordinate automatically as per program
- L. M. guide for X, Y, Z axis
- Adjustable high pressure compact water pump
- Programming for multi hole pattern, rectangular and circular array
- Programming for multi diameters and technologies
- Touching cycles – edge find, inside / outside center find, corner find
- Machine simulation- Tool path simulation
- USB Ports
- Program/data storage capacity
- Parameter changing is allowable during operation
- Job material steel/copper/brass/aluminium/carbide
- Motorized work head movement
- Electrode dressing facility
- Job holding fixture & clamp
- Tap water is used as dielectric fluid
- Precise granite table
- Compact footprint
- Brass & copper electrodes can be used
- Machine lamp
- Automatic lubrication pump
- Windows base software

Standard Accessories

- Leveling Pads : 4 Nos.
- Clamping Kit : 1 Set
- Tool Kit : 1 Set
- Water Tank : 1 No
- Guides : 3Nos.
- Electrodes : 30 Nos.
- Rubber Seal : 5 Nos
- UPS 3KVA : 1 No

Application

- Start hole for wire cut edm
- Gas discharge
- Ejector pins
- Cooling pins
- Air vent for forging die
- Jet hole
- Filter hole
- Remove broken tap

Swivel Head



Water Pump



Drill Head



Technical Specification	Unit	CNC-4030
Dimension of working table (X x Y)	mm	400 x 600
Travel of working table (X x Y)	mm	300 x 400
Z axis travel (Z + W)	mm	350 + 300
Distance from quill to table	mm	50 - 350
Max. machining current	amp	30
Drilling range	mm	0.15 - 3.00
Max. electrode length	mm	500
Max. workpiece weight	kg	200
Max. machining speed	mm/min	30 - 60
Max. power consumption	kVA	3.5
Drive system for X, Y, Z axis		Servo Motor
Input power supply	V	3 Phase, 415V , 50Hz
Machine dimension	mm	1200 x 1000 x 2170
Machine weight	kg	800