

Quick Drill

Model QD- 5050/ QD- 2450
Advanced, economical
CNC PCB drilling/routing machines



Model QD-5050 (Single Spindle)

- Flexible modular system, configurable as single or 2 spindle machine
- Directly accepts PCB EDA data for routing any complex shape
- Lowest Cost of ownership, Repays in just few months
- Drilling circuit boards, Test Fixtures, Black Planes
- Accepts Excellon, NC Data, Gerber and DXF data
- Fast Throughput: 22000 Holes/Hour (4 up)
 - USB connectivity to computer

Quick Drill series from Cybernetic are one of the most advanced CNC Circuit board drilling / Routing machines with modern features for accurate and fast drilling Performance.

OTHER MODELS OFFERED BY US

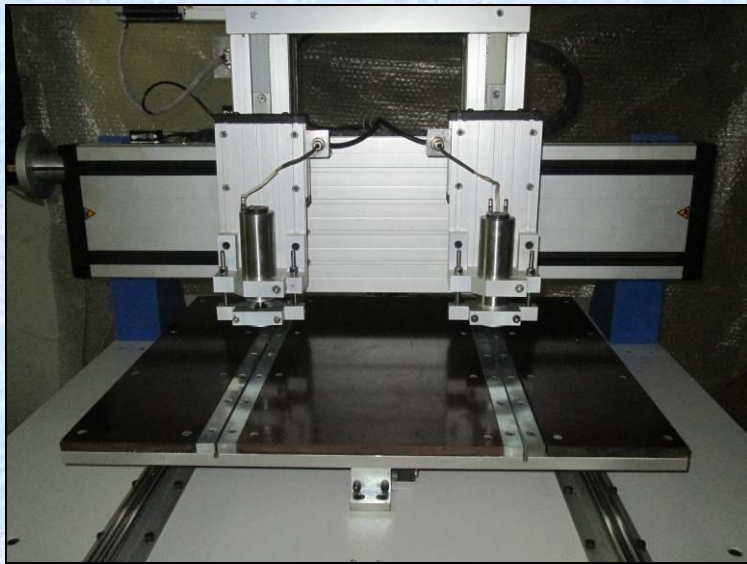


Three Spindle CNC PCB drilling machine

TECHNICAL SPECIFICATIONS

Model Number	QD 3050-3
Number of spindle	3 water cooled spindles
Maximum RPM	60000 RPM
Spindle Power	300 Watt
Maximum PCB area	450 X 600mm under each
Accuracy	0.01 mm
Hit Rate	Better than 125 hits/min

Video Demo : <http://youtu.be/BIMsvptM-1I>



Two Spindle PCB drilling machine

Model Number	QD3050-2
Number of spindle	2 water cooled spindles
Maximum RPM	60000 RPM
Spindle Power	300 Watt
Maximum PCB area	450 X 600mm under each
Accuracy	0.01 mm
Hit Rate	Better than 125 hits/min

Video Demo : <http://youtu.be/BIMsvptM-1I>



Quick Drill is manufactured using most reliable linear motion products like re-circulating ball-screws, bearings and specially treated guides for longer life and trouble free operation. Added with this sturdiness, is intelligent software that drives the machine with unmatched simplicity. Quick Drill is the best solution for any board house looking for no-nonsense, economical and fast circuit board drilling machine.

For video demo visit http://www.youtube.com/watch?v=J_Ick_q9Oyc

Specifications- Quick Drill (Other sizes, servo models available on request)

	Model 5050 Single Spindle	Model 2450 Double spindle
Maximum Panel Size	480 mm X 500 mm	240mm X 500mm (each)
Programmable Area/ Drilling Area	480 mm X 500 mm	240mm X 500mm (each)
Positional Accuracy	0.0125 mm	0.0125 mm
Repeatability	0.0125 mm	0.0125 mm
Drilling Accuracy	0.05 mm	0.05 mm
Spindle Option 1 (Low Cost)	8000-30000 RPM 900 Watt Spindle	
Spindle Option 2 (High Speed)	5000-60,000 RPM , 300 Watt , water cooled	
XY Traverse Speed	4.50 meters per minute adjustable	
Z Feed Speed	9.00 meters per minute adjustable	
Hit Rate	125 holes/minute for 7 mm Z-stroke over 2.54mm matrix (With HF Spindle)	
Programming Facilities (Drilling)	Rotate/offset/Panelize drill data, Add/remove holes, Optimize drill path	
Programming Facilities (Routing)	Draw/import PCB rout data, Register with drill data, tool width correction	
Tool size (diameter; length)	1/8 th inch shank, 38.1 mm length, Drill sizes: 0.2 mm to 8 mm	
Power Supply	230 Volt, 50-60 Hz	
Supported File Formats	Excellon [®] , Gerber [®] , DXF [®] , HPGL [®] and many more.	
Compatible With	Windows [®] XP/ 2000/NT	
Minimum Computer Requirements (PC not included in delivery)	Pentium [®] , Windows [®] XP/2000, 500MB RAM, USB Port	

Due to continuous improvements, specifications are subject to change without notice. The following terms are trademarks of the indicated companies. Excellon, Esterline Technologies; Windows, Microsoft Corp; Gerber, Gerber Scientific Inc.; KaVo, KaVo Elektrotechnisches Werk; Pentium, Intel Corp; DXF, AutoDesk Corporation; HPGL, Agilent

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