

ROBO CNC

A MAKE IN INDIA PCB PROTOTYPE MACHINE

MODEL:

ROBO CNC 3040



“**PCB Prototyping Machine ROBO CNC 3040**” is a 3 Axis controlled CNC machine. The system has a large work area that can deliver good machining performance to work on commonly used material. The controller can be easily programmed using standard G codes for various operations. One can easily get the job done in machine in quick time. The machine will be delivered with Copper CAM and MACH3 Software.

Key Features:

500W Air Cooled Spindle

Mach 3 software for parallel port

Ball Screw high precision

Auto checking Function



Technical Specifications

Effective working Area	300(X)mm*400(Y)mm*50(Z)mm
Operations	Drilling, Engraving, Routing
Drilling Speed	50
Min. Drill Dia.	0.2
Drill Depth Sensing Feature	Yes
Min. Trace Width	0.2 mm
Spindle motor	500w dc motor 24000 RPM/Min
Principal axis collet	One By Four
Positional accuracy	0.05mm
Carving Instructions	G Code / TAB files / NC files / NCC Files
Maximum Speed	0-3000mm/min
Carving Speed	300-2500mm/min (different material differ)
Operating Voltage	AC110V/AC220V
Computer connection	USB / Parallel Port
Command Code	G code, Gerber or any MACH3 support format file
Protection	Emergency stop button
Accessories	Auto checking tool, Cutter
Resolution	0.1 mm
Gross Weight	50 KG with cabinet
Material	PVC, PCB, Acrylic, Wood, MDF Board
Application	Rapid Prototyping, Technology Research, Student Project
Dust Extraction	Hand Held dust extraction unit
Cabinet	Hood Cabinet
Tool Bits	Total 45 (Included Drill Bits, Engraving Bits, Routing Bits)
Copper Clads	10 single sided, 10 Double sided
Computer for machine	Assembled HP/DELL CPU, Monitor, Keyboard, Mouse

