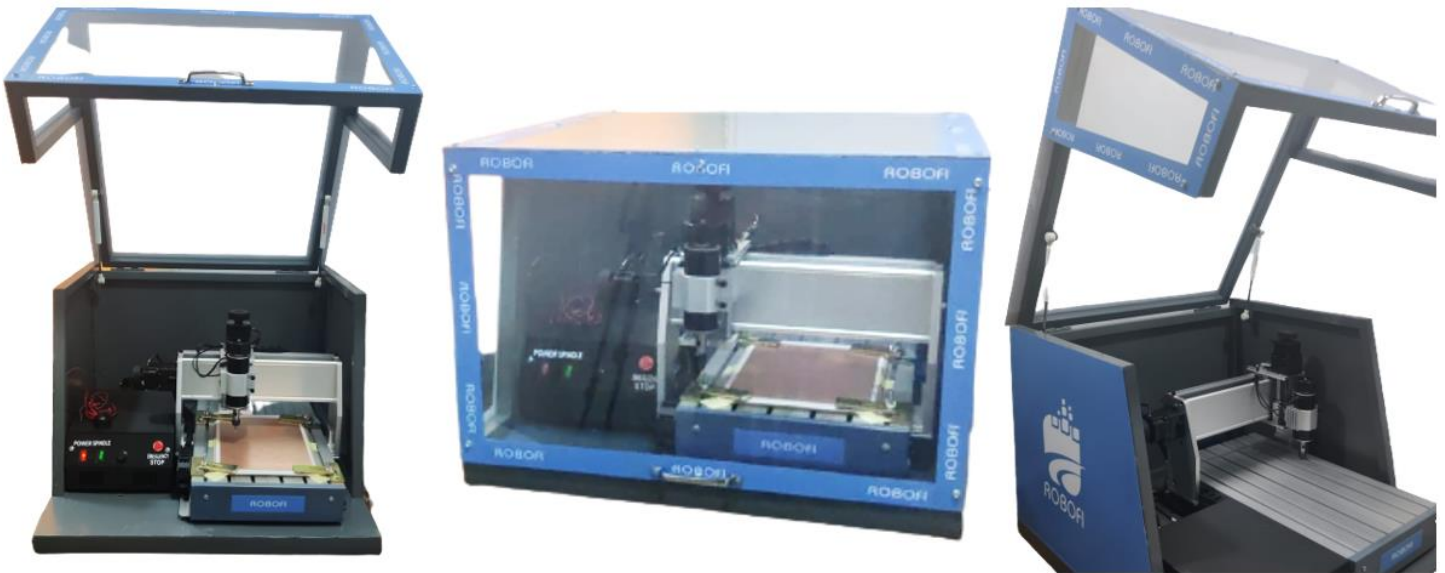




ROBO - HS PCB Router



“PCB Prototyping Machine Robo – HS PCB Router” is a 3 Axis controlled High Speed 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.

Key Features:

500W Air Cooling Spindle

Mach 3 software for parallel port and USBCNC software is for USB port

Ball Screw high precision

Auto checking Function

Technical Specifications

Effective working travel	280(X)mm*390(Y)mm*55(Z)mm
Shape Dimension	615*485*390mm
Max. workplace dimension	280mm*390mm<70mm
Work table dimension	530mm*320mm
Frame material	Aluminium alloy 6063 and 6061
Driving units X/Y/Z axis	SFUR1204-DFC7-P0 ball screw
Sliding units X axis	Dia. 16mm chrome plate shafts
Sliding units Y axis	Dia. 16mm chrome plate shafts
Sliding units Z axis	Dia. 12mm chrome plate shafts
Stepping motor type	57 two-phase 2.5A
Spindle motor	500w dc motor 24000 RPM/Min 52MM 100V stepper motor
Principal axis collet	ER11/3.175 mm
Positional accuracy	0.05mm
Spindle precision	Radial beat acuities 0.03mm
Control Unit	JP382A + 2 Independent power + Continuously Variable speed
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	Parallel Port for MACH3, USB cable for USBCNC
Command Code	G code
Acceptable software	Free Mach3 for WinXP, Free USBCNC for Win 10
Protection	Emergency stop button
Accessories	Auto checking tool, Cutter
Warranty	1 Year
Gross Weight	30 KG
Material	PVC, PCB< Acrylic, Wood, MDF Board, Non-Ferrous Metal
Application	Rapid Prototyping, Technology Research, Teaching, Student Project, PCB Engraving/Milling, Model making
Dust Extractor	Hand Held dust extraction unit
Cabinet	Hood cabinet
Tool Bits	Total 50
Copper Clads	10 single sided, 10 Double sided