

TEJAS **CircuitLAB**

MAKE IN INDIA

PCB PROTOTYPE MACHINE

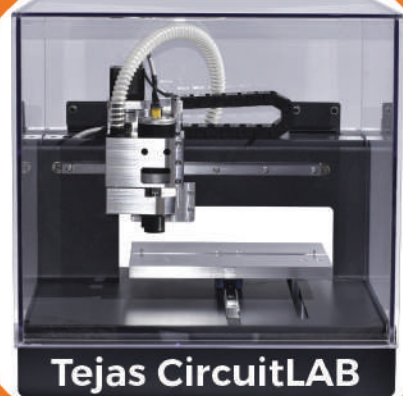
A BRAND OF ROBO CNC

About Tejas CircuitLAB

Tejas CircuitLAB is developed under the Make in India initiative and indeed offer notable advantages over many Chinese counterparts, especially when it comes to software integration, ease of use, and support.

Tejas CircuitLAB offers numerous advantages for students, university research, and project work.

- Hands-On Learning
- Rapid Prototyping
- Research Flexibility
- Promotes Entrepreneurship and Innovation
- Skill Development for Industry Readiness



Tejas CircuitLAB

SUITABLE FOR SINGLE & DOUBLE SIDE PCB



USB INTERFACE BASED

Compatibility with Modern Compute, Plug-and-play Support, Faster Data Transfer and Buffering



PRECISE DEPTH ADJUSTMENT

Extreme precision for fine PCB Details. Enables reliable milling, Drilling and Engraving



SOFTWARE TRACKMAKER

Integrated Machine Control and CAM Software for PCB Prototyping in the market



INTEGRATED DUST EXTRACTOR

Dust extraction unit with software controlled On/Off Switching Consistent and Effective Dust Removal



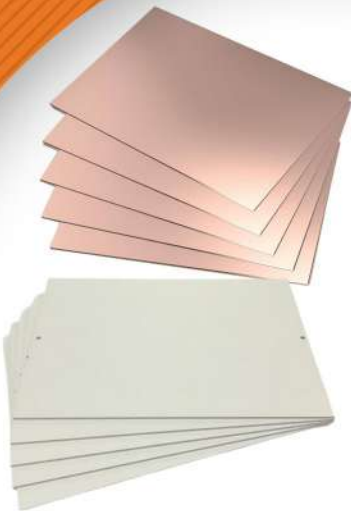
robofitechnologies@gmail.com

Technical Specifications

- Working Area: 240 (X)mm*180(Y)mm*30(Z)mm
- Max. PCB Size: 200mm*140mm
- Spindle motor: Brushless motor 12000 RPM/Min
- Principal axis collet: ER11/3.175 mm
- Positional accuracy: 0.05mm
- Maximum Speed: 0-4000mm/min
- Travel X/Y Speed: 40mm/sec
- Table Type: flat milled aluminium table with central T-slot
- Computer connection: USB cable
- Software: TrackMaker
- Drilling Stroke: upto 80 strokes/min
- Command Code: G code, GERBER File
- Protection: Emergency stop button
- Material: PCB Acrylic, MDF Board, Copper Clads
- Applications: Drilling, Milling, Engraving
- Dust extraction unit with software controlled On/Off Switching For Consistent and Effective Dust Removal
- Cabinet: Hood Cabinet
- Accessories: Tool Bits (Engraving, Milling, Routing, Drilling)
- Single side and Double side Copper Clads



ACCESSORIES



SAMPLES

