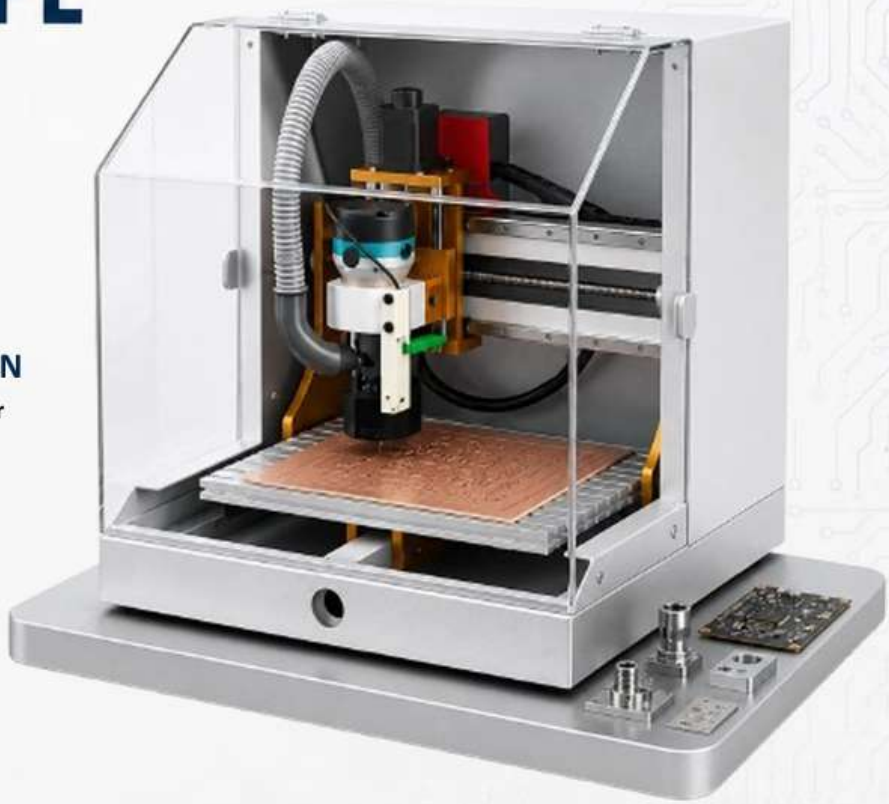
TEJAS Circuitlab

MAKE IN INDIA

DESIGNED & MADE IN INDIA

PCB PROTOTYPE MACHINE



From Idea to PCB -
In Your Lab, In Your Control.

COMPLETE PCB FABRICATION
Engraving, Milling, Drilling and Contour Routing - All in One Machine

HIGH PRECISION
Achieves Trace Width / Trace Separations as fine as 0.20 mm

FAST & EFFICIENT
Prototype PCBs in Hours, Not Days

COST EFFECTIVE
Lower Cost per Board. Perfect for Prototyping & R&D

EASY TO USE
Intuitive Software Minimal Training.

BUILT FOR INNOVATORS.
MADE FOR INDIA

KEY FEATURES

- ✓ Working Area: 300mm x 200mm
- ✓ Min Track/Space: 0.2mm
- ✓ Spindle Speed: Up to 30000 RPM
- ✓ Camera: For Alingment Purpose
- ✓ Driiling Speed: 80 Drills/Min
- ✓ Connectivity: USB
- ✓ Software Controlled Dust Collector
- ✓ Metal Enclosure with Large Acrylic

END-TO-END PCB MAKING - IN HOUSE

DESIGN — Import Gerber → **ENGRAVE** — High Precision Milling → **MILL** — Clean & Accurate Milling → **DRILL** — High Speed Drilling → **CUTOUT** — Final PCB Cutout

SCAN For Working Videos

FOR STUDENTS
LEARN. EXPERIMENT. INNOVATE.

FOR STARTUPS
BUILD FASTER. ITERATE QUICKER.

FOR INDUSTRIES
PROTOTYPE IN-HOUSE. SAVE TIME & COST.

TAKE CONTROL OF YOUR PROTOTYPING

BUILD THE FUTURE
BUILD IT IN INDIA

www.tejascircuitlab.com

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A Product of
Robofi Technologies Pvt. Ltd.



SPECIFICATIONS

Working Area
300 mm (X) x 200 mm (Y) x 50 mm (Z)

Machining Capabilities Minimum
Trace Width: 0.2 mm
Minimum Trace Separation: 0.2 mm
Maximum Speed: 3000 mm/min

Spindle
700 Watts Air-Cooled Spindle with 30000 RPM
Collet Size: 3.175 mm

Software
UGS (Machine control) + CopperCAM/FlatCAM (CAM Operation)

Core Performance & Precision

Advanced Camera Alignment: Dual Side Precision Via Integrated camera.
Plug-and-Play USB Connectivity: Fast data transmission with USB interface.
Future-Proof OS Support: Fully compatible with Windows 10 and all latest operating system.
Dual-Sided Fabrication Flexibility: Effortless Double-Sided PCB fabrication.



Safety & Workspace Integration

Acoustic Metal Cabinet: Heavy-Duty enclosure for total protection.
Automated Dust Extraction: Integrated smart vacuum to maintain a clean, debris-free environment.
Ultra-Compact Desktop Design: True Benchtop convenience without compromising capabilities.

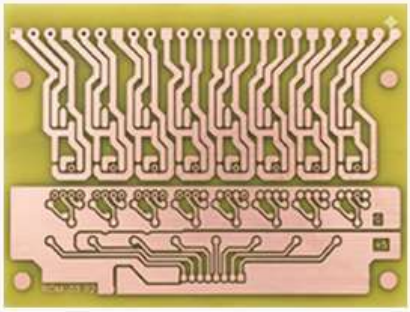


Physical Dimension

Machine Dimension: 640 x 510 x 460 mm
Weight: 45 KG







A Product of Robofi Technologies Pvt. Ltd.
www.tejascircuitlab.com
Mob No: 8130609947 (Mr. Arun. K)
info@tejascircuitlab.com

Our Distributor