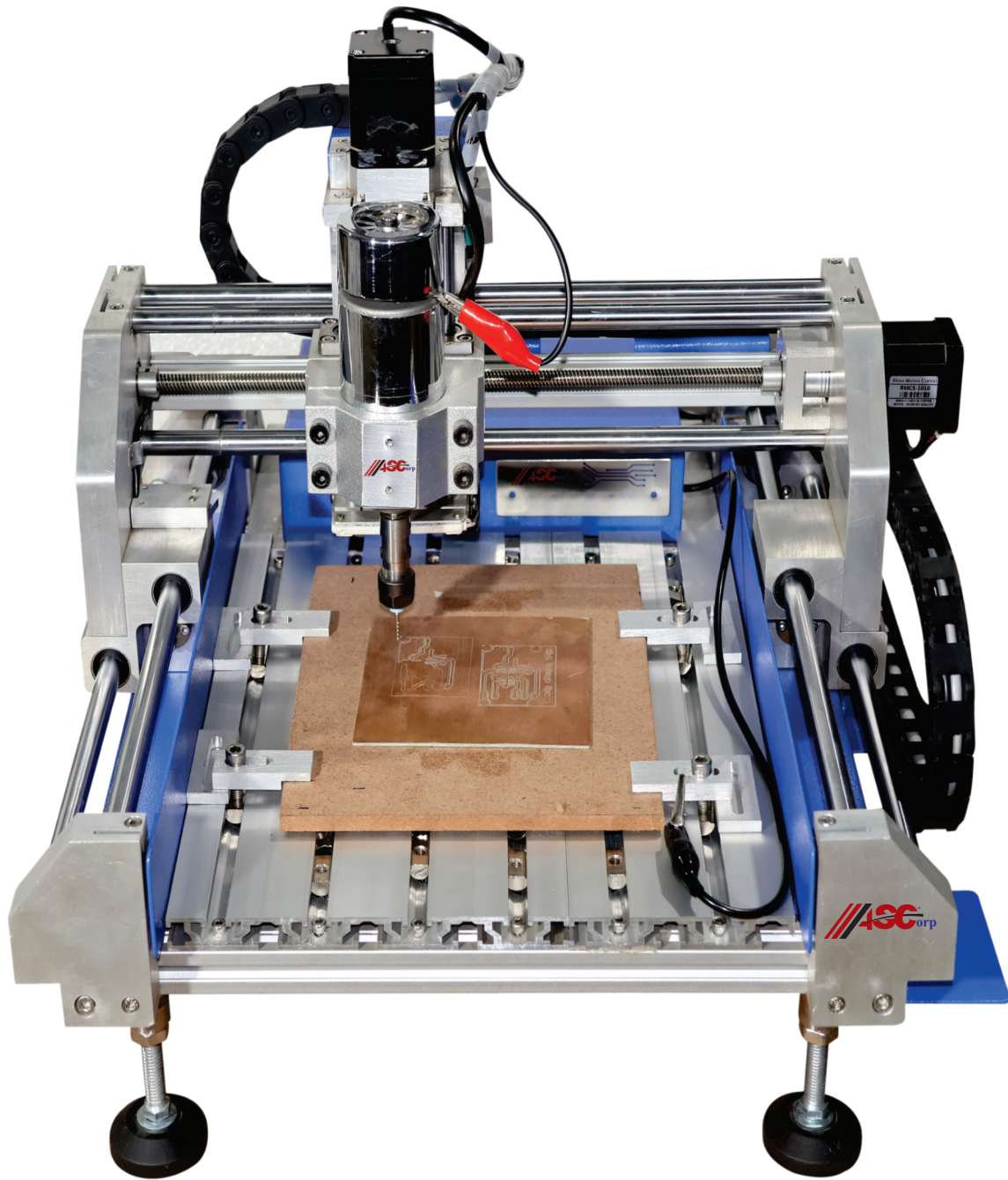




PCB Router Machine

ASC-PCB102



Introduction

The ASC-PCB102 is a high-precision PCB router designed by ASC for fast, accurate, and stress-free PCB depaneling. Equipped with a high-speed spindle and stable motion control, it ensures clean cutting, consistent quality, and safe handling of delicate boards. Compact, reliable, and user-friendly, the ASC-PCB102 is ideal for both small-batch and high-volume PCB production.



PCB Router Machine

ASC-PCB102

Features

- High-torque spindle motor
- LED work-area lighting
- Chemical-free operation
- USB connectivity
- Strong & robust build
- Protective bellow cover
- Energy-efficient performance
- Works on PCB, acrylic, plastic, & soft metals like aluminum
- PC-based software with GUI
- Versatile PCB prototyping
- Supports micro-drilling & milling
- Emergency stop button
- Pause/Resume function
- Fast processing
- Automatic depth adjustment
- Easy & simple to operate
- Creates single- & double-layer PCBs

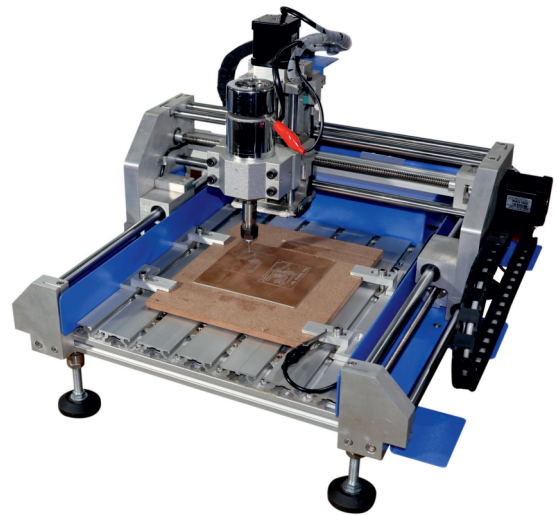
Technical Specification

- Working Area (Approx.) X305* Y305* Z35 mm
- Max. job height \leq 25mm
- Rail Type LM GUIDE
- Min. drill hole size 0.2mm
- Repeat positioning Accuracy 0.1mm - 0.2mm
- Min. cutting trace/space 0.2mm (8mil)
- Resolution 0.06mm X/Y
- Operating System Windows 7/8/10 & Linux
- Z-axis Stroke 25mm max.
- Depth sensing & adjustment is Automatic & software controlled.
- Manual Tool change
- Tool holder 1/8 inch & Er11 Collet
- Transmission unit BALL SCREW
- Supply Voltage 220VAC, 50 Hz

Applications

- Engraving
- Routing
- Cutting
- Drilling

Application applicable materials like Wood, PCB, Copper, Brass, Silver & Aluminum.





PCB Router Machine

ASC-PCB102

- Rapid Feed Rate 1200mm/M
- Machine material 6061 & 6063 hard aluminum alloy
- Spindle Motor
- Spindle Speed : 12000 RPM (Max.)
- Spindle Motor : 300W
- Spindle Control : Manual

Accessories

- Engrave/Milling bits (0.2mm) - 10 qty.
- Micro Drill Bits -10 qty.
- Wrenches-2 qty.
- Double Side PCB 1*1feet- 50 qty.
- Single Side PCB 1*1feet - 50 qty.
- Acrylic Plate 5 qty.
- Vacuum cleaner - 01 qty.
- USB Cable 01 qty.
- Power cable 01 qty.
- Metal clamp - 10 qty.
- Operating Manual



PCB Machine Controller

Dimensions of PCB Router Machine

- Width x Depth x Height = 596mm x 723mm x 570mm
- Weight 78kg Approximate

ASSOCIATED SCIENTIFIC CORPORATION

3A, Electronic Complex, Pardeshipura, Indore-452010 (MP) India, Phone-0731-4292901, +91-9424885043
Email: asc.indore@gmail.com, info@ascindore.in, www.ascindore.in

