



Machine Specifications

- Working Area: X: 140 mm, Y: 200 mm, Z: 40 mm
- Machine Dimensions: 380 mm × 460 mm × 290 mm
- Spindle Speed: At least 11,000 RPM (brushless motor)
- Spindle Mount (Collet Size): 3.175 mm (1/8 inch)
- Max Axis Speed: At least 170 mm/min (X, Y, Z)
- Repeatability: ±0.02 mm
- Step Resolution: 0.004 mm/step
- Connectivity: USB (compatible with USB 1.x/2.0/3.0/3.1) – cable included (1.6m)
- Power Supply: 100–240 VAC, 50/60 Hz, ≤1.2 A
- Frame & Structure: Solid aluminum body with low-noise brushless spindle motor
- Motion System: High-stiffness plastic slide blocks for linear motion
- PCB processing: Single / Double-sided milling supported
- Frame and Axis: Solid aluminum frame with low-noise brushless spindle
- Sliding plastic block bearings, high stiffness
- Included Accessories (PCB Set): -Drill and milling bits (0.2 mm – 1.1 mm, TiN-coated) -Engraving bits (10°, 15°, 20°, 30°) -Riveting toolset for vias (0.6 mm) -Double-jaw clamp and aluminum holders -UV-curable solder mask & foil mulch -FR4 test boards (sample material) -Cut2D Desktop Software License -Quick-start guide & online documentation -All other necessary components and tools to operate the device are included
- Software Compatibility:
 - Supported OS: Windows, macOS, Linux
 - Software: Wegstr CNC + Vectric Cut2D or Similar
 - Supports: Gerber, Excellon, SVG, G-code
- Supported Materials:
 - FR1, FR2, FR4 PCB boards
 - Copper & aluminum plates
 - Plastics: PMMA, ABS, polycarbonate Wood, MDF
 - Engraving on brass, soft metals

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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