

Desktop CNC Router

This compact desktop CNC router is designed for precision cutting, engraving, and milling of various materials. It features a rigid frame construction for stability and accuracy during operation.



Product Overview

Compact Desktop CNC Router

The PC-6090 is a robust desktop CNC router engineered for precision cutting, engraving, and milling. Featuring a seamless welded steel structure, it provides excellent stability and deformation resistance for consistent performance. This versatile machine supports a wide array of CAD/CAM software and is ideal for prototyping, small-scale production, and educational applications.

Performance Metrics

Key Performance Indicators

10 m/min
Max Speed

24000 r/min
Max Spindle Speed

0.05 mm
Resolution

Technical Specifications

Cooling Mode

Water Cooling • Air Cooling

Working Area	600mm x 900mm
Z-Axis Working Area	80 mm
Table Size	750mm x 1100mm
Spindle Power Options	1.5 KW, 2.2 KW, 3 KW
Drive System	Stepper Motor
Operating System	NC Studio
Working Voltage	AC220V / 50/60 Hz / 2PH

Compatibility & Usage

Compatible Software

- Type3
- Artcam
- Castmate
- Wentai

Applicable Industries

- Wood processing (furniture, doors, cabinets)
- Advertisement (labels, number plates)
- Art & Crafts (gifts, souvenirs)

Applicable Materials

Wood, Aluminum Board, Plastic, Density Board, Wave Board, PVC, Acrylic, Crystal, Light Marble