

Compact CNC Router with 400x400x200mm Work Area

This compact CNC router is suitable for small-scale milling, engraving, and cutting operations on various materials. Designed for precision and ease of use, it is ideal for hobbyists, small businesses, and educational purposes.



Overview

Compact Precision CNC Router

This compact CNC router features a 400x400x200mm working area, designed for high-precision milling, engraving, and cutting operations. Built with a whole aluminum cast structure and a fixed-gantry design, it ensures superior stability and accuracy for small-scale production. It is highly compatible with industry-standard CAD/CAM software, making it a versatile tool for diverse applications ranging from mold manufacturing to intricate sign making.

Technical Specifications

Performance Metrics

400 mm

X-Y Working Area

200 mm

Z Working Area

9 m/min

Max Speed

24000 r/min

Max Spindle Speed

Machine Specifications

Feature	Specification
Resolution	0.01mm
Spindle Power	800W
Cooling Mode	Water cooling
Drive System	Stepper Motor
Structural Components	Taiwan ball screw
Operating System	NC Studio
Power Supply	AC220V/50/60Hz, 2PH

Capabilities

Supported Software

- Type3
- Artcam
- Castmate
- Wentai

Compatible Materials

Stone, Brass, Aluminum, Wood, Plastic, PVC, PCB Board, MDF, Artificial Stone, Acrylic

Features

Key Features

- Whole aluminum cast construction
- Fixed gantry design for high accuracy
- Dustproof X-axis for longevity
- Process time forecasting function
- High-precision ball screw and circle orbit on all three axes

Certification

CE