

# 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