

# CNC Wood Router 4 x 8 Feet

This CNC wood router is used for woodworking industries, such as door and furniture factories. It is great for wood cutting, line cutting, and arc cutting on 4' x 8' wood panels.



## Overview

### High-Performance CNC Wood Router

This 4x8 foot CNC router is engineered for professional woodworking, advertising, and large-scale relief sculpture applications. Featuring a robust welded steel frame and high-precision components, it delivers consistent accuracy for furniture production, door manufacturing, and intricate engraving. The machine combines a powerful air-cooled spindle with a vacuum table system, ensuring stability and efficiency for demanding production environments.

## Technical Specifications

### Spindle Power

**6 KW**

Spindle Power

**18000 RPM**

Max Spindle Speed

### Travel Rates

**35000 mm/min**

Max Rapid Travel

**20000 mm/min**

Max Working Speed

<b>Working Area</b>	1300 x 2500 x 200 mm
<b>Positioning Accuracy</b>	±0.03/300mm
<b>Working Voltage</b>	AC380V/50/60Hz, 3PH

## Machine Construction

### Drive System

- X/Y axis: Helical rack gear
- Z axis: Ball screw
- Stepper motor drive system

<b>Table Surface</b>	Vacuum table with 6 suction areas and T-slot
<b>Machine Bed</b>	Welded thick square steel tubes with vibration aging treatment

## Features

<b>Control System</b>	DSP (Digital Signal Processing)
<b>Primary Applications</b>	Woodworking, Furniture Production, Advertising Signs, Relief Sculpture, Door Manufacturing, Plastic Molding