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	18000 RPM
Spindle Power	Max Spindle Speed

Travel Rates

35000 mm/min	20000 mm/min
Max Rapid Travel	Max Working Speed

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

Machine Construction

Drive System

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

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

Features

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