

3D CNC Router Table Kit

This CNC router table kit is designed for 3D woodworking and DIY projects. It is widely used in advertising shops, design workshops, and woodworking factories for precise cutting of wood, plastics, and soft metals.



Overview

Versatile 3D CNC Router for Professional Woodworking

This CNC router table kit is a versatile solution designed to expand shop capabilities by automating complex tasks like carving, chamfering, and 3D relief work. Built with a robust weld square steel tube frame and high-precision Taiwan-made components, it ensures stability and long-term reliability. The system is ideal for producing furniture frames, cabinet parts, and decorative carvings across a wide range of materials including hardwood, MDF, and laminates.

Key Performance Metrics

Performance Highlights

35 m/min

Max Processing Speed

18000 RPM

Spindle Speed

3.5 KW

Spindle Power

Technical Specifications

Model	W1325C
Working Area	1300 x 2500 x 200 mm
Motion Positioning Accuracy	± 0.03 / 300mm
Repositioning Accuracy	± 0.01 mm

Drive & Control

Drive Mechanism

- X/Y Axis: Rack and Pinion
- Z Axis: Taiwan TBI Ball Screw
- Guide Way: Taiwan HIWIN Beeline

Control System	DSP (512MB) with USB Interface
Working Mode	Stepper Motor

Construction & Table

Frame Construction	Weld square steel tube (No deformation)
Table Surface	T-slot extrusions

Applications

Processing Capabilities

- Cut to size
- Chamfer & Rabbet
- V-groove & Dado
- Pocketing & Carving
- Three-dimensional reliefs

Compatible Materials

MDF, Plywood, Hardwood, Melamine Laminates, Solid Surface Materials

Software & Connectivity

Compatible Software

Type3 • ArtCAM • Castmate • Wentai

Supported Formats

G code, *.u00, *.mmg, *.plt, HPGL, NC

Operational Features

Advanced Features

- Continuous carving from break point
- Power-off resume function
- Processing time forecasting
- Automatic lubricating system
- Integrated space-saving control cabinet