

CNC Router with Vacuum Table for MDF Cutting

This CNC router features a vacuum table for securely holding workpieces like MDF board and wood panels. It has a 1300x2500mm work area suitable for standard 4x8 feet MDF panel cutting.



Overview

High-Performance MDF CNC Router

This CNC router is engineered specifically for efficient MDF board cutting and woodworking applications. Featuring a robust vacuum table for secure material handling and a seamless welded steel structure, it ensures high stability and precision during operation. The machine is equipped with advanced components like Hiwin square guide rails, imported ball-screws, and a powerful air-cooled spindle, making it a reliable solution for furniture manufacturing and plate processing.

Technical Specifications

Working Area (X, Y)	1300 x 2500
Working Area (Z)	200 mm
Table Size	1440 x 3040
Max Idling Speed	35 m/min
Resolution	0.01 mm

Spindle & Power

Spindle Power

3.5 KW

Power

18000 r/min

Max Speed

Cooling Mode	Air-cooling
Working Voltage	AC380V/50-60Hz, 3 phase

Construction & Components

Transmission System

- X, Y: Rack and pinion transmission, Hiwin square guide rails
- Z: Taiwan-made rolling ball-screw, Hiwin square guide rails

Structure	Seamless welded steel structure with vibrating stress relief
Net Weight	1300 KG

Software & Compatibility

Software Compatibility	Type 3, ArtCAM, Wentai, Castmate
Command Language	G code (HPGL, U00, mmg, plt)

Features

Key Features

Vacuum Suction Table • DSP Control System • Break Point Memory • Process Time Forecasting • Automatic Oil-Inject System