

CNC Router for Slatwall MFC MDF Panels Cutting

This CNC router is designed for cutting slatwall, MFC, and MDF panels. It offers efficient and accurate cutting performance, ensuring high-quality results.



Overview

High-Efficiency CNC Slatwall Cutting Solution

The W1325VC is a specialized CNC router engineered for precision cutting of slatwall, MFC, and MDF panels used in retail displays and storage systems. Featuring a powerful 6KW Italy HSD spindle and a heavy-duty seamless welded steel structure, it ensures stability and high-quality finishes for T-slot grooves. This versatile machine supports various materials including plywood and plastic, making it an ideal choice for manufacturing retail shelving, garage storage, and custom wall art.

Core Performance

Performance Highlights

6 KW

Spindle Power

35 m/min

Max Idling Speed

1400 KG

Net Weight

0.01 mm

Resolution

Technical Specifications

X, Y, Z Working Area	1300 x 2500 x 300 mm
Table Dimensions	1440 x 3040 mm
Spindle Speed Range	0-18000 r/min (Variable)
Working Voltage	AC380V / 50-60Hz, 3 Phase

Mechanical Structure

Transmission Components

Axis	Structure Type	Guide Rails
X, Y Axis	Rack and pinion transmission	Taiwan Hiwin square guide rails
Z Axis	Taiwan-made TBI rolling ball-screw	Taiwan Hiwin square guide rails

Frame Construction	Seamless welded steel structure
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Control & Software

Operating System

DSP Handle Control • Offline Operation

Compatible Software	Type 3, ArtCAM, Wentai
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Auxiliary Systems

Dust Extraction	3 KW
Vacuum Pump Type	Water cycling, 5.5KW

Applications

Compatible Materials

- MDF (Medium Density Fiberboard)
- MFC (Melamine Faced Chipboard)
- Plywood
- Plastic
- Aluminum (with reinforcement slats)

Typical Applications	Slatwall Panels, Retail Shelving, Garage Storage, Display Panels, Wall Art, Pegboards
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