

Plywood CNC Router 4x8 Sheet Cutting Machine

This 4x8 plywood CNC router is widely used in cutting plywood sheets, chipboard, and particle board. It is suitable for large area plate engraving, solid wood furniture engraving, and MDF carving and cutting.



Overview

High-Performance 4x8 Plywood CNC Router

This industrial-grade CNC router is engineered for precision cutting and engraving of plywood and various wood-based materials. Featuring a spacious 4x8 foot vacuum table with 6 independent zones, it ensures secure material fixation for diverse workpiece sizes. Equipped with high-precision components like German rolling ball screws and HIWIN guide rails, this machine delivers stable, high-accuracy performance for demanding woodworking and manufacturing applications.

Technical Specifications

Working Area	1300 x 2500 x 200 mm
Spindle Power	4.5 kW
Spindle Speed	24000 rpm
Max Moving Speed	35 m/min
Locating Precision	<0.01 mm

Performance Metrics

Performance Highlights

25 m/min

Max Working Speed

70 mm

Max Cutting Thickness

1250 kg

Net Weight

System & Compatibility

Supported Graphic Formats

- G-code (*.u00)
- *.mmg
- *.plt
- *.nc

Compatible Software	ArtCAM, Type3, Ucamcam, CAD/CAM
Control Configuration	DSP A11 (Offline/USB support)

Applications

Suitable Industries

Woodworking • Advertising • Mold Making • Musical Instruments • Exhibition