

4x4 ft CNC Router with Automatic Tool Changer

This CNC router is designed with a 4x4 feet working area and an automatic tool changer. It is suitable for creating wood and plastic signs.



Overview

High-Performance 4x4 ft CNC Router

This high-performance CNC router features an automatic tool changer and is engineered for versatility, precision, and efficiency. Designed to handle a wide range of materials including wood, plastic, and soft metals, it offers professional-grade capabilities for signage, furniture, and decorative projects. With a robust vacuum table and advanced servo drive systems, this machine ensures steady movement and consistent high-quality output for demanding B2B applications.

Technical Specifications

Spindle Power

9 KW

Spindle Power

24000 r/min

Max Speed

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|------------------|----------------------|
| Working Area | 1200 x 1200 x 300 mm |
| Travelling Speed | 35 m/min |
| Working Speed | 18 m/min |
| Table Size | 1380 x 1740 mm |

Performance & Features

Table Structure

T-slot • Vacuum

Transmission

- X/Y: Rack and pinion drive
- Z: Ball screw drive

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|----------------------|---|
| Tool Changer | Linear ATC, 8 tool stations |
| Compatible Materials | Wood, Plastic, Acrylic, PVC, Aluminum, Copper, Epoxy Resin, Carbon Mixed Compound |

Electrical & Control

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|--------------------|---------------------|
| Power Requirements | AC380V / 3PH / 50Hz |
| Controller | SYNTEC |
| Driving System | Yaskawa/Delta Servo |