

CNC Woodworking Machining Center

This machine is capable of drilling, edge cutting, engraving, slotting, and lock hole making and expanding for wooden door panels. It is designed for mass production and high efficiency.



Overview

Versatile CNC Woodworking Machining Center

The PC-1325MCDS is a high-performance machining center featuring a fixed gantry and movable working table for enhanced stability and vibration resistance. This integrated system combines drilling, edge cutting, and engraving capabilities into a single process, making it an ideal solution for diverse woodworking needs. Built with a heavy-duty welded steel structure, it ensures long-term rigidity and minimal distortion during high-intensity operations.

Key Performance Metrics

Performance Highlights

35 mm

Linear Guide Rail Flange

40 mm

Ball Screw Diameter

Technical Architecture

Structural Design

- Fixed gantry with movable working table for anti-vibration
- Thick profiled steel welded structure
- High-temperature stabilization treatment
- Unique vacuum suction working table
- Integrated dust collection system

Core Components

Premium Components

Component	Specification/Type
Drive System	High-speed, low-noise servo motors
Spindle	Air-cooling spindle unit
Control System	High-accuracy digital output system
Tooling	Combination drills, cutting saws, and auto-tool changer
Transmission	Imported linear guide rails and precision ball screws

Functionality

Processing Capabilities

Drilling, Edge Cutting, Engraving, Milling, Routing

Maintenance & Operation

Operational Features

- One-touch auto lubricating system for easy maintenance
- Strong dust collector for site cleanliness
- Firm vacuum absorption for workpiece stability
- High transmission accuracy for complex designs

Applications

Compatible Materials

Woodworking • Plastic Fabrication • Non-ferrous Metals