

Multi-Head Automatic Tool Changer CNC Router

This multi-head CNC router is designed for high-precision cutting, carving, and engraving of various materials. Equipped with an automatic tool changer, it allows for seamless transitions between different cutting tools, optimizing workflow and reducing manual intervention.



Overview

High-Efficiency Multi-Head CNC Router

This industrial-grade CNC router features a robust, welded seamless steel structure designed for exceptional stability and vibration resistance. Equipped with three synchronized spindles, it allows for high-throughput processing and versatile material handling. The system integrates high-precision components and advanced control technology to ensure consistent, accurate results across various cutting, carving, and engraving applications.

Technical Specifications

Drive System

- X and Y axis: Rack and pinion transmission
- Z axis: High-precision ball screw

Spindle Configuration

Three spindles (synchronous or independent operation)

Guide Rails

Imported high-precision Taiwan square orbit

Control & Software

Operational Features

- Offline operation capability
- Process time forecasting
- Consistent curving and linear speeds

Control System

Advanced DSP system with USB connection (Syntec optional)

Compatible Software

Type3, Artcam, Castmate, Ucam, Bob CAD, 3ds max, Rhinoceros

Certifications

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CE