

# CNC Engraving and Milling Router

This CNC router is designed for engraving and milling operations on a variety of materials. It features a control system for precise and efficient performance, ensuring high-quality results in various applications.



## Overview



High-precision CNC router designed for engraving and milling with a DSP control system.

## Professional CNC Engraving and Milling Solution

The HF1325A is a high-precision, single-head CNC router engineered for versatile engraving and milling operations across various materials including wood and plastics. This robust machine combines high-speed spindle performance with advanced transmission systems to deliver efficient and accurate results for furniture making and sign production. Designed for professional B2B applications, it offers a stable platform for complex machining tasks with reliable control options.

## Performance Metrics

### Key Performance Metrics

**18000 RPM**  
Max Spindle Speed

**6 kW**  
Spindle Power

**25 m/min**  
Travel Speed

**15 m/min**  
Working Speed

## Technical Specifications

### Work Area and Dimensions

Parameter	Specification
Travelling Area	1260 x 2500 mm
Working Area	1240 x 2480 mm
Table Size	1300 x 2500 mm

## Mechanical Design

CNC Router/Máquina de grabado CNC/Фрезерный станок с ЧПУ HF1325A

HF1325A Single-head CNC router  
Máquina de grabado CNC de un cabezal/Специализированный фрезерный станок с ЧПУ



WEIHAI HELPFUL MACHINERY CO.,LTD



Robust frame construction suitable for heavy-duty woodworking and furniture production.

### Transmission & Drive

- X/Y Axis: Rack and pinion drive
- Z Axis: High-precision ball screw drive
- Working Mode: Stepper system

### Table Structure

Vacuum system for secure workpiece holding

## Control Systems

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NC-Studio Type

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The machine supports NC-Studio software for precise machining tasks.

### Available Control Systems

DSP Type, NC-Studio PC

## Power Requirements

### Power Supply

AC380V / 3 Phase / 50Hz

## Applications

### Compatible Materials

Wood • Plastics • Composite Materials

### Target Industries

- Furniture Manufacturing
- Sign Making
- Custom Woodworking
- Industrial Engraving

## Compliance

### Certifications

CE