

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

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



NC-Studio Type

WEIHAI HELPFUL MACHINERY CO.,LTD



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