



# CNC Machine Router

Model CX-1325



# FIELD OF APPLICATION

The whole machine body is made of seamless steel welding tempered aging treatment, rigid, no deformation.

Stepper motor and driver, high precision and high speed.

Taiwan 20 square rail guideway, smooth running, high precision, long service life.

HQD water/air cooling spindle, long power life, high speed, smooth carved surface.

Equipped with a separate cabinet, split keyboard operation, simple and convenient, easy to learn.

## APPLICATION:

Suitable for woodworking, wooden doors, furniture, cabinets, cabinets, molds, etc.

Suitable material: Wooden board, MDF, hardwood, acrylic board, PVC board, PCB board, ABS double color board, aluminum, brass, gold, silver, etc.



# GENERAL DESCRIPTION OF THE MACHINE

- Positioning accuracy: 0.05 mm
- Table structure: Vacuum adsorption table
- Vacuum pump power: 5,5 Kw
- Control code: G-code
- Axes structure: X/Y Table rail; Z Spindle rail..
- Spindle motor power: 3 kw (HQD brand)
- Spindle speed range: 0 - 24 000 rpm/min.
- Inverter: 3.7 kW XFT invertir
- Number of spindles: 1
- Work table size: 1300x2500x200 mm
- Transmission: Helical rack and pinion.
- Total power: 8 kw
- Dimensions: 3000x2000x1800 (length/width/height)
- Linear rail: Taiwan 20
- Control system: NC Studio with computer
- Voltage: AC380V/50Hz (220V/50Hz)
- Motor: Leadshine 860 Driver and 450B stepper motor
- Weight: 800 Kg





## IMAGES OF MAIN PARTS

1. Linear Rail: Taiwan 20 rail guideway, smooth running, high precision, long service life. Limit switch is used to control the travel and limit protection of mechanical equipment limit to avoid engraving failure caused by exceeding the processing range during engraving.
2. Z-axis ball screw: Z-axis ball screw structure, the machine head works stably and powerfully.
3. Axle: Power 3 kw (HQD brand)
4. Inverter: 3.7 kw XFT (It can perform the functions of voltage control, automatic voltage stabilization and overload protection)
5. Motor: Leadshine 860 driver and 450B stepper motor (High performance. Single power input. Overvoltage, overheating and overcurrent protection)

1



2



3



4



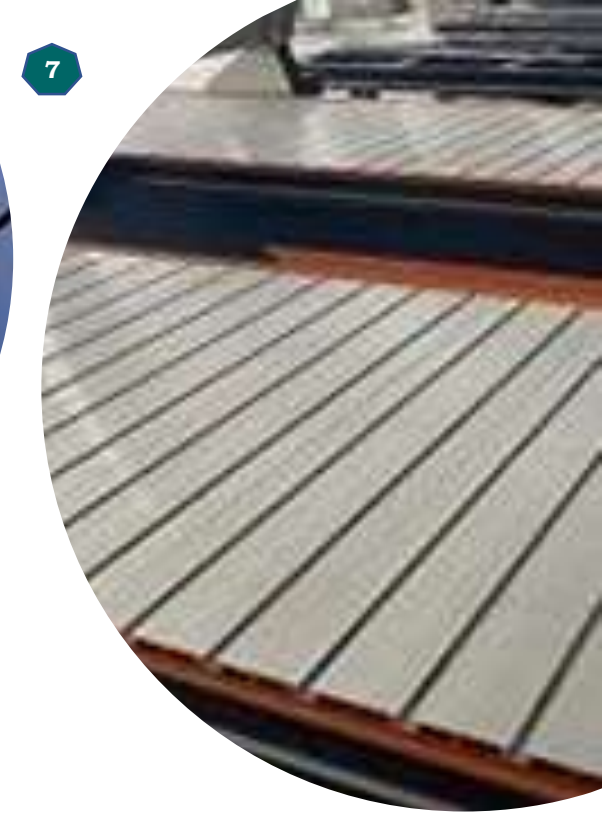
5



## IMÁGENES DE PARTES PRINCIPALES

6. Electrical Parts: e-chains® for switches and parts. This ensures that all cables and tubes contained in the cable sheath are protected against damage.
7. Table: Vacuum adsorption table
8. Control system: NC Studio (The system can directly support G-code, PLT code format and precision engraving format (ENG) generated by UG, MASTERCAM, CASMATE, Art CAM, AUTOCAD, CorelDraw and other CAD/CAM programs. NC Studio is based on Microsoft software.)
9. Vacuum pump 5.5 Kw: The vacuum pump is a special device for woodworking adsorption, it is suitable for adsorption and fixing the plate in the processing process and improves the processing efficiency.
10. Lubrication: It can provide lubrication to the equipment, which favors the proper functioning of the machinery

## MUESTRAS





# PACKAGING

Address: Carrer de la Travessia, 15B, Edificio  
Innsomnia. 46024, Valencia. España

Email: [info@abadecom.com](mailto:info@abadecom.com)

Web: [www.Abadecom.com](http://www.Abadecom.com)

Telf: (+34) 656 71 69 84

