

**51" x 98"1325 Ad and Woodworking CNC  
Router Machine, With 3KW/4HP Spindle**



| Specification           |                                                    |
|-------------------------|----------------------------------------------------|
| Model                   | CNCR-N1-1325                                       |
| Table Size              | 1440mm x 2630mm (56.7 in x 103.5 in)               |
| Working Size            | 1300mm x 2500mm x 200mm (51in x 98.4in x 7.87in)   |
| Max.Material Height     | 200mm (7.87in)                                     |
| Spindle Power           | Water Cooling 3.0kw/4HP                            |
| Speed RPM               | 0-24000rpm                                         |
| Driver                  | Stepper Subdivided                                 |
| CNC                     | WEIGHONG NK105G3                                   |
| Tool Diameter           | Ø3.175,Ø4,Ø6,Ø12.7                                 |
| Mechanical Structure    | Square Steel Pipe                                  |
| Transmission            | Ball Screw for Z; Pulley and Rack & Pinion for X,Y |
| Guide Ways              | Chinese Linear Guide Ways                          |
| Re-positioning Accuracy | <0.03mm/300mm                                      |
| MAX.Engraving Speed     | 20000mm (787in)/min                                |
| File Transfer           | USB                                                |
| File Format             | G Code or HPGL                                     |
| Power Supply            | AC220V, 50-60Hz                                    |
| External Form Size      | 2050mm x 3060mm x 1650mm (80.7in x 120in x 65in)   |
| Packing Size            | 3100mm x 2100mm x 1700mm (122in x 82.7in x 67in)   |
| Net Weight              | 500KG (1100lbs)                                    |
| Net/Gross Weight        | 1000KG (2200lbs)                                   |

#### **Applications:**

Strong and sturdy, for a durable reliable performance. Easy operation at a reasonable price. Multi-functions and wide range of application make it possible to process any wooden products, advertising sign plates, acrylic cutting, etc. Any metal or non-metal material can be processed, for example: copper, aluminum, plastic plate, wood, etc.

#### **Product Highlights:**

- Uses an advanced DSP numerical controlling system, more ergonomically designed for convenient operation with the handle, large screen displays, and simple maintenance.
- Optimization of mechanical and electrical design to ensure good performance.
- Furnished with high inverter-driven spindle motor cooled by water.
- Unique intelligent calculation fully develops the potential of the engine and leads to high processing speed, the synchronization of curves and straight lines, smoother curves. Traveling high speed can reach up to 10m (394")/min.
- Unique and dynamic renewal of the system enables the customer (according to different processing requirements) to change the controlling ability of the system, and effectively improves the processing efficiency (start operation with the instructions of the technician from factory or agent)
- 32M saving capacity can store more than 3 processing files simultaneously, and read one at random.
- Connected with the machine via USB interface to enable data transmission in a second.

- More compatible: Ucamcam V10, Type3, Router 8, and Type3, etc. (Optional)
- It is able to keep engraving even when the electricity is cut off or the tool is broken.

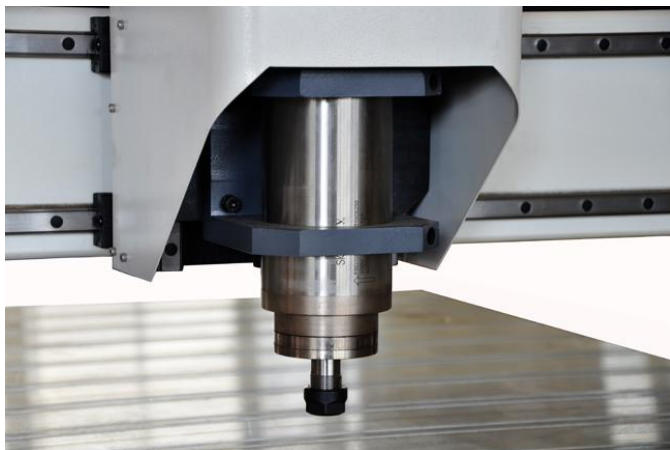
**Product Features:**



Industrial steel pipe frame, with stable moving, low noise and high precision



NC Studio Nk-105G3 hand held CNC



Water Cooling Spindle

Power: 3KW/4HP

Connection type: Collet ER25

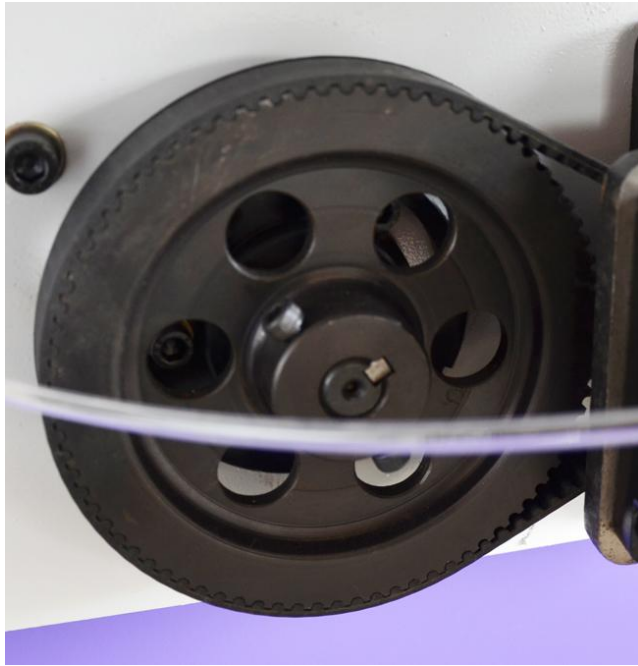
Rated voltage: 220V

Rated speed: 24000 rpm

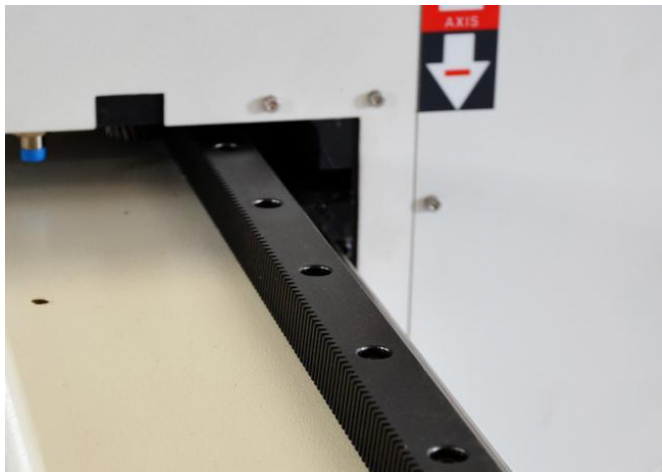
Max speed: 24000rpm

Rotation: Right

Origin: China



Stepper Motor & Pulley drive for X,Y axis



Gear & Rack for X,Y axis

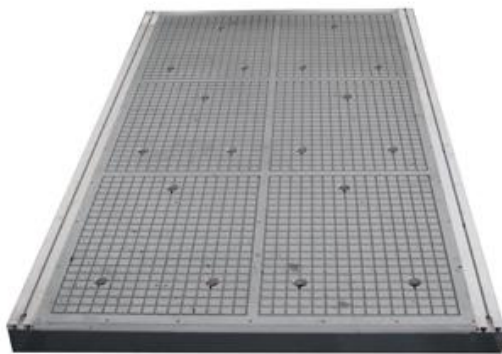


Linear Square Guide: 20MM linear square guide with double bearings, an ultra-heavy type that achieves a deep grooved raceway with its diameter more approximate to the ball diameter and has high rigidity, vibration and shock resistance, and damping characteristics, which are required for machine tools.



UCANCAM 2D&3D CAD/CAM software

### Optional Parts



Vacuum table: The vacuum table multi-zoned which allows the operator to easily switch from full sheet processing to smaller part, gaskets can also be routed to accommodate various material sizes and styles. Fixtures can also be used if needed as we put aluminum alloys beside the vacuum table.



Dust Collector