

## "SIGNSTECH" Woodworking CNC Router

Model: 1325FSC 1300mmx2500mmx160mm



**A Manufacturer & Exporter**

**with 12 years experience in CNC/Laser and Other sign-making equipments**

**Certificates: CE&ISO9001:2000**

### Features

1. Equipped with professional rack gearing, Taiwan **PMI** linear rail which are more precise, durable and less noisy.
2. Is founded by industrial pipe welding. Box-type structure to ensure the high stability.
3. Processed by special instruments to eliminate welding stress and high-precision planing machine to ensure the working precision ,no deformation.
4. Y axis is driven by **Double** motors simultaneously which are faster and steadier.
5. Professional Ncstudio control system, machine is controlled by computer directly, Optional DSP control system with handle controller.
6. Super Software Compatibility, Supports popular language formats, is compatible with CAD / CAM software like type3/artcam/castmate/proe/UG/Artcut etc.
7. Comes with X,Y ,Z axis dust cover and oil lubrication system as standard.

8. High quality components like driver motors,spindle,inverter,cables,driver boards etc.

**\* Applicable Fields:**

Widely used in big area wood engraving,wood furniture engraving,solid wood engraving,high denisty board of door and window engraving etc.

Widely used in antique furniture,furniture-processing,instrument making,3D light box making,aluminium process,funding mould decorative doors and windows etc.

**\*Other sizes available:** 1300mmx1300mm,1300mx1800mm,1500mmx3000mm,4000\*2000mm,Please contact us for pricing.

**Parameters**

Model	<b>1325FSC</b>
Table size	1400mmx2640mm
Travel of engraving (xyz)	1300mmx2500mmx160mm Gantry height: 225mm
Spindle	<b>3.7KW air cooled</b> *.Optional 3kw water cooled
Engraving Speed	100-12000mm/min
Tool Size	Ø3.175, Ø 6.00, Ø10, Ø12.7mm
Speed of spindle	6000-24000rpm
Interface	USB,PC direct output
Structure	Cast square tube
X,Y, Z repositioning accuracy	< 0.1 / 300mm
Lead Rail	X,Y,Z PMI linear rail
Drive mode	X,Y Rack Gear, Z axis imported lead screw
Drive motors	Stepper (optional Servo)
Format of Instructions	G code or HPGL
Control system	Origin NcStudio(card and software)
Power source	AC220V/110v±10% 50HZ/60HZ*(vacuum bed needs 3ph)
Power consumption	1200W
Dimension	3650mmx2050mmx1470mm
Package size	3800mmx2200mmx1680mm
Net weight	1200KG
Warranty	One year Warranty and unlimited online technical support

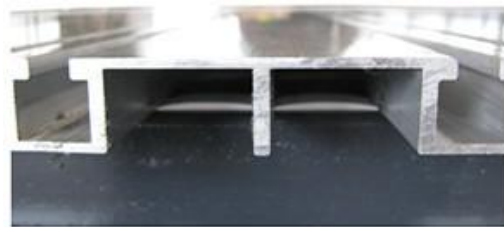
**Details:**



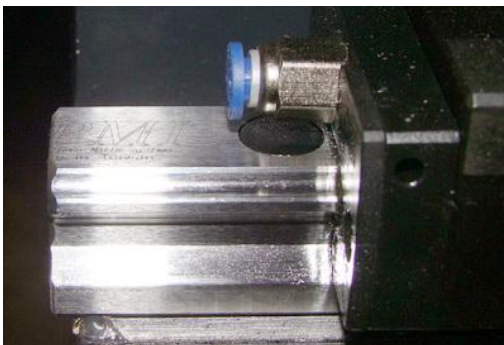
Air cooling Spindle : Quality 3.7kw air-cooling spindle performs powerfully and stably in machining solid wood, MDF, acrylic, aluminum and plastics, etc. We offers different spindle options which available with 220V-2 Phase-50-60Hz or 220V-3 Phase-50-60Hz or 380V, 3Phase-50-60Hz.



The base frame is made of heavy-duty tubular steel that is welded, precisely machined by gantry milling machine and stress relieved by vibration device, the gantry supports are enhanced so that the foundation remains true and steady over the operational life of the machine.



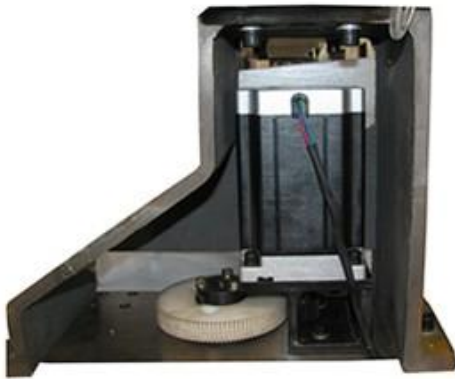
Aluminum table: we use quality aluminum alloy and can be installed transverse or vertical to facilitate different requirements.



25MM linear square guide from PMI, it is 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. Besides, it is mounted on the upper surface of the steel pipe for greater loading bearing and more steady motion



Central Lubricator: Easier to lubricate the Guide units regularly, just pull it gently and oil will go when it is needed.



High-power subdivided stepper motor with outstanding wear ability and resistance to powerful and fast machining, it offers long-term maintenance-free solution.

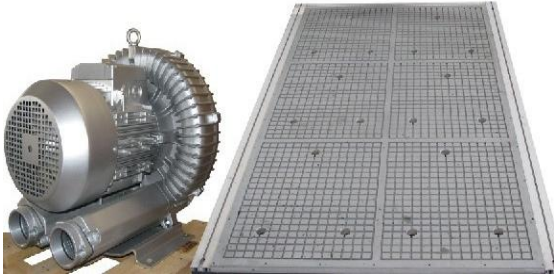


High precision gear racks, carefully installed and regulated by experienced worker with special purpose instrument, This assures smooth motion and long term reliability.



Foot Pads make it easier to level the machine accurately.

Optional Function Parts



Vacuum bed system with air cooled vacuum pump 7.5kw,\*.requires 380v,3 phase power supply as standard  
\*1200\$/set



Dust extractor. single bag,220v; double bags 380v,  
300\$/set



Auto surface detector, Automatic tool length calibration and registration, it allows for easy and accurate "Z" zero position for single and multiple tool changes through the program, saves time & error-free.  
\*200\$/set



Panasonic servo system.750w kit x4/set  
\*.2700\$/set

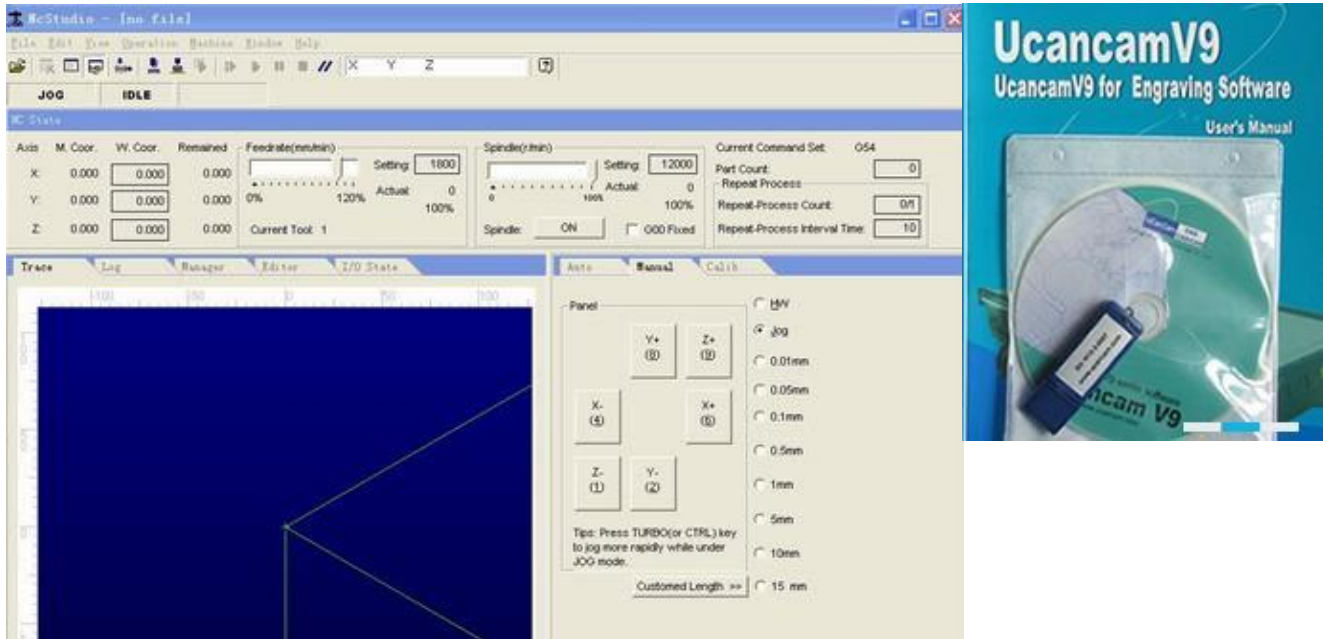


Mister, Sending oil mist to machining surface, it is important for tool cooling and lubricating.  
\*450\$/set

## Software & Control System

Ucancam V9 3D engraving software is a professional solution to CAS and CAM. It is widely used in such fields as advertisements, exhibition, decoration, artwork, moulds, seal-making, signs, gifts, architectural moulds, wood working, etc.

Control system: NCStudioV9



**Machine ready to ship in factory**

