

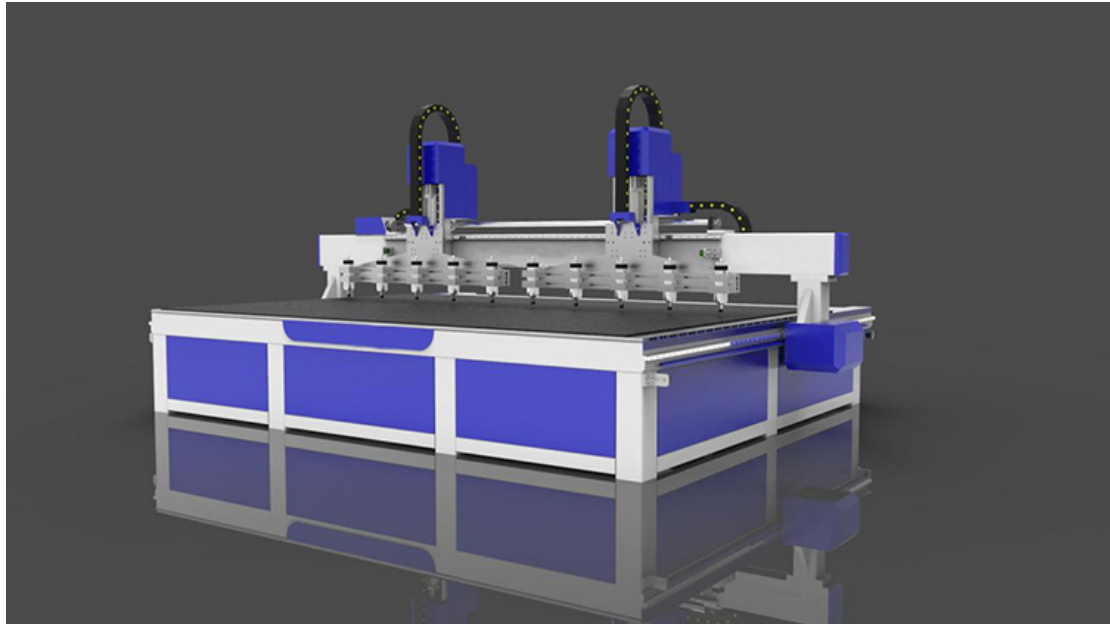
## **Multi Spindle Woodworking CNC Machine**

SUNNA is a Multi Spindle Woodworking CNC Machine manufacturer and supplier in China. SUNNA multi-axis woodworking CNC router is equipped with high-precision square rail, durable, non-deformation, high-quality large-scale stepping motor, with low noise, low energy consumption, and long life. NCStudio control system is easy to operate, stable in performance and strong in anti-interference ability.

## **1. Product Introduction**

The 10-head woodworking CNC router greatly improves the plate processing speed, and completes the work efficiency of multiple devices at the same time. In some cases where the processing volume is not large, it can also work independently with a single spindle, effectively and reasonably controlling the production cost.

Multi Spindle Woodworking CNC Machine equipped with a total of 10 spindle motors; This ingenious design opens a lot of possibilities for productivity, which is ideal for mass relief sculpture carving works in wood. So, it is usually applied to the production of solid wood European style furniture. 10 spindle cnc wood carving machine for sale with good price and excellent expert service here.



## 2. Product Parameter (Specification)

Model	SN-2040
Effective working area	2000*4000*200mm
Table style	Aluminum T-slot table with PVC
Guide rail	Hiwin square linear guide rail
Driving method	Taiwan Original TBI Ball screw for X,Y,Z axis
Spindle	10pcs*2.2KW, water cooling spindle
Invert	Best inverter
Collet size	ER20(Diameter 3.175mm,4mm,6mm,8mm,10mm,12mm,etc)
Spindle speed	0-24000rpm
Motors and drivers	86BYG-450B stepper motors and Leadshine drivers
Control system	NCStuido control system
Working Accuracy	<0.03/300mm
Working speed	20000mm/min
Traveling speed	32000mm/min
Instruction format	G code *.u00 *.mmg *.plt

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Working voltage	AC220V, Single Phase, 50-60Hz
Standard Software	Artcam 2010
Compatible software	Type3/Castmate/Coreldraw/AutoCAD or other CAM/CAD software
Environment temperature	0-45°C
Environment humidity	30%-75% No coagulate water
Too sensor	Yes
Gross Weight	1900kgs
Others	English manual,Tool box,Tool sensor,etc.
Optional parts	1,Rotary device for round material processing, 80mm diameter /100mm /150mm 2,MACH3 control system/DSP 3,Water tank & water sprayer for soft metal 5,Vacuum table with vacuum pump

### 3. Product Feature and Application

Multi Spindle Woodworking CNC Machine is widely used in advertising industry, such as sign making, breast card, office board ,ruler, art crafts, small metal sign plate, construction models and so on.

As standard it has 10 pieces powerful 2.2kw water spindles and higher maximum speed of 24,000 RPM. Both options are driven by a variable frequency inverter drive offering controlled acceleration and deceleration to minimise current surges and supply issues.

X,Y axis are gear rack,steady rate transmission,fast speed and high efficiency.Ball screw for Z axis .It's stable running,precision and fast.

With NC studio control system,easy to learn design software,install it onto your computer and start creating patterns.

Heavy duty frame and gantry,it's very strong and stability.

## 4. Multi Spindle Woodworking CNC Machine Main Parts



Tool Sensor



JMC stepper driver and motor



NC-studio Control system



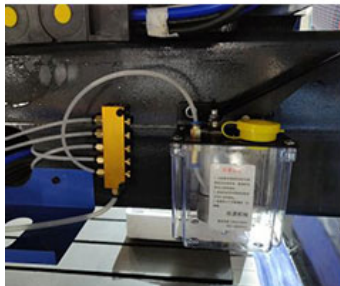
Air-break switch



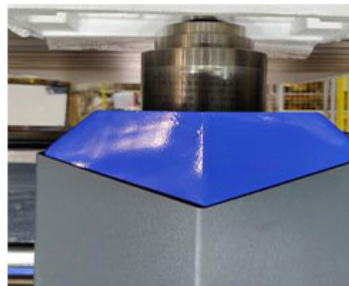
Emergency stop switch



Accessories



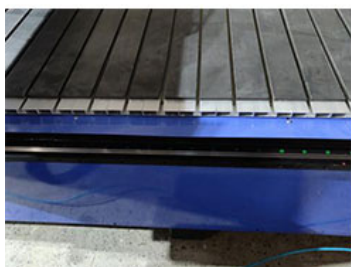
Manual lubrication



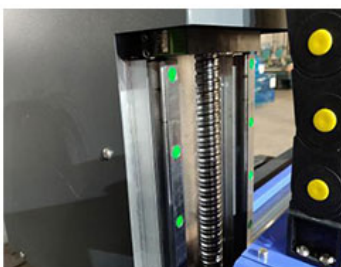
water cooled spindle



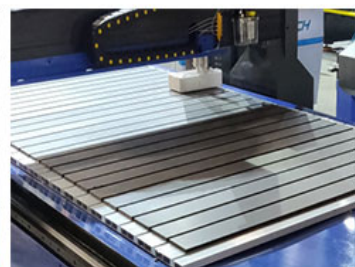
BEST Inverter



Jueli Right oblique helical rack



Taiwan Ball screw



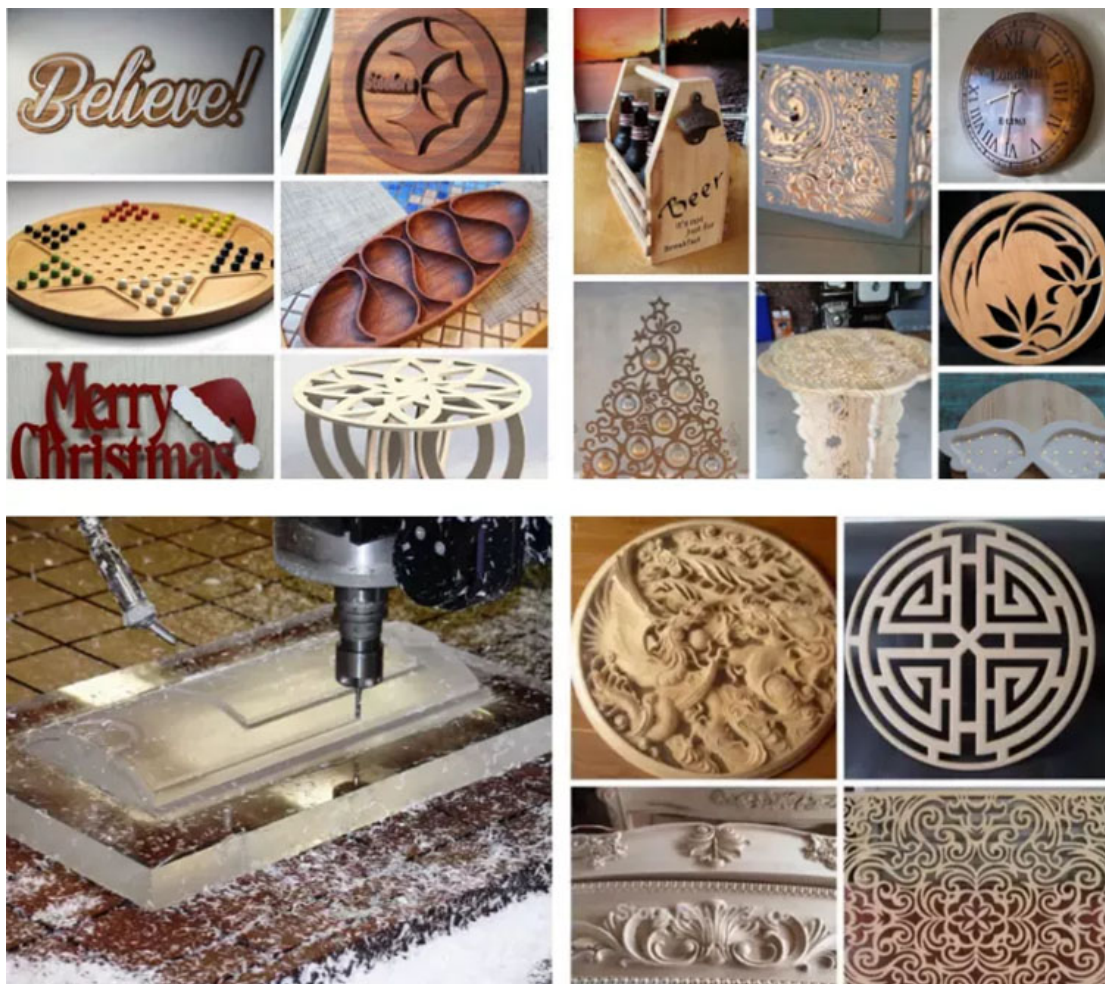
T-slot table with pvc

## 5. Application

Efficient manufacturing of wooden products, advertising billboard, acrylic cutting, letter mold form-ling and mass cutting. Also the machine can engrave on iron, brass, aluminum, plastic and wood boards and other non-metal materials.

Advertising Industry: Advertising identification, sigh making, Acrylic engraving and cutting, crystal word making, blaster molding, and other advertising materials derivatives making.

Mold Industry: A sculpture of copper, aluminum, iron and other metal molds, as well as artificial marble, sand, plastic sheeting, PVC pipe, wooden planks and other non-metallic mold.



## 6. SUNNA INTL Service:

The guarantee period of quality shall be 12 months counting from the date on which the commodity arrives at the port of destination.

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We are responsible for offering the fittings free of charge during the guarantee period, while it is preferred you send the damaged fittings to us by courier with your charge for our testing, after confirming damage, we will send back the alternative fittings to you. After the guarantee of quality period, the parts required repairing or change, if any, shall be paid.

When you meet some complicated problem and online-support can not solve it, we can offer Door-Visiting Service. If our engineer to assemble or/and maintain or/and adjust the machine is/are required, we shall assist to deal with the visa formality and prepaid traveling expenses and accommodation to us during the business trip and the service period before their dispatch. And you can arrange for the translating person for the service engineer during their service period. Or you can send your engineer to China. We will offer long-term technical training to him for free.

## **7. Training, Commissioning & Start up of SUNNA CNC**

### **Router**

We will supply with the machine Operation Manual and Training CD in English version for Installing and operation, including introduction for the composing of equipment, working principle equipment, common knowledge of computer, controlling principle of electronic devices, daily maintenance measures of equipment. Personal demonstration for installation, adjusting and operation of equipment, and the computer. Common malfunction eliminating measures, etc.

We will supply Instruction for simple troubleshooting of the machine when dispatching, which can help you dealing with the common problems happened unluckily. Also, one set of "Instruction Book", "Operation Manual" and "Training Video Disk" for machine/software will be sent to you along with the machine, which could be easily understood and friendly handled by you and your customers.

We support customized machines, even if you just buy one machine, we can customize it for you, our after-sales service is very perfect, you can ask any questions, we will answer them one by one for you seriously