

## Multi Spindle Stone Carving Machine



SUNNA INTL stone CNC router are used for granite, Multi Spindle Stone Carving Machine, marble, sapphire, artificial stone, tombstones, milestones and other types of stone processing, stone cutting machine can achieve various processing functions, 3D relief, and line carving, beveling, drilling 2D processing. Such as lettering , embossing, image engraving, cutting, etc. Simple operation, low energy consumption, low noise, high efficiency and high precision. Widely used in inscriptions, stone carvings, architecture, decoration, kitchen and bathroom, furniture, signs, handicrafts and other industries.

### 1. Multi Spindle Stone Carving Machine Introduction

CNC Router Stone for customers who need to make a cut on the stone. The overall structure is the strongest, with large bearing capacity, tool cooling system, and three-axis waterproof and dustproof. Suitable for a variety of stone carvings.

SUNNA INTL offers premium quality Single/Multi Spindle Stone Carving Machines for importers and distributors worldwide. Heavy Duty Industrial Dual Spindles Stone Carving Machine is used for 2D/3D stone engraving. All the working area and specifications can be customized according to your requests.



## Description of Multi Spindle Stone Carving Machine

The Multi-spindle stone CNC Carving Machine can process materials of different sizes, specially designed for various stone processing, such as marble, granite, sandstone, jade, quartz, etc. The CNC stone engraving machine adopts dual independent spindles, which can carry out engraving, cutting, milling, and other processes to meet the requirements of personalized home decoration and tooling art design.

## 2. Product Parameter (Specification)

|                    |   |
|--------------------|---|
| Model              | SN-1530S  |
| Machine body       | Welded  |
| Working area       | 3000*1500*300mm   |
| Traveling Accuracy | Positioning<br>±0.03/300mm  |
| Moving type        | Gantry moving   |
| X Y Structure      | Rack and Pinion Drive, Hiwin Rail Linear Bearings                     |
| Z transmission     | Hiwin Rail Linear Bearings and Ball Screw                             |
| Spindle            | Dual 5.5kw water cooling spindles(According to customer requirements) |
| Spindle speed      | 6000-24000rpm   |
| Max. Carving Speed | 3000mm/min  |
| Inverter           | 7.5KW inverter  |
| Motor              | Stepper motor   |
| Driver             | Stepper driver  |
| Transformer        | Yes   |
| Lubrication        | Yes   |
| Max. speed         | 1700mm/min  |
| Max. working speed | 1500mm/min  |
| Voltage            | AC380V/50/60Hz,3PH (Option: 220V))                                    |
| Collects           | ER20 3.175-12.7mm   |
| Repeat reposition  | 0.01mm  |

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|                          |                                |
|--------------------------|--------------------------------|
| accuracy                 |                                |
| Cover                    | X Y Z cover                    |
| Command                  | G Code                         |
| Software                 | Artcam/ Ucanam                 |
| Control system           | NC-Studio(Options: DSP System) |
| Different configurations | Optional driving mode:         |
|                          | Servo motor and driver         |
|                          | Optional control system:       |
|                          | DSP                            |

### 3.Multi Spindle Stone Carving Machine Advantages

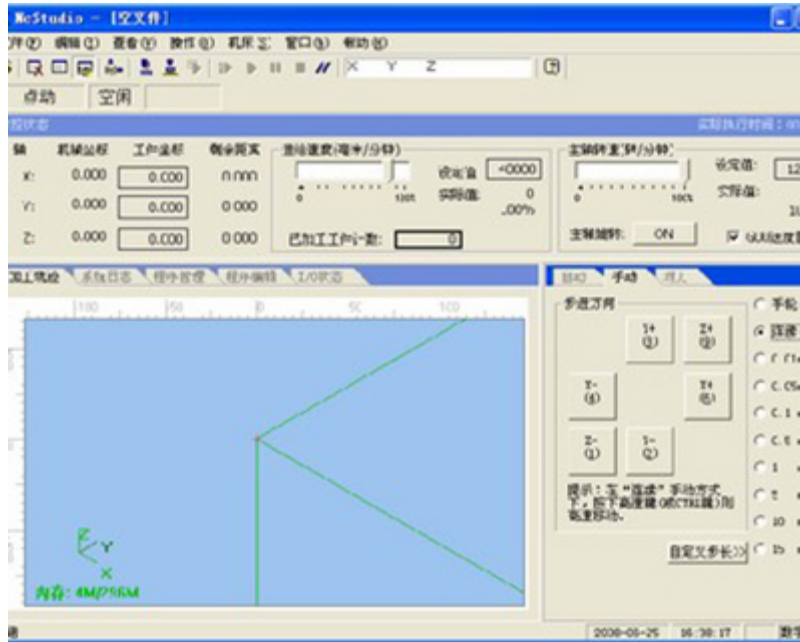
- 1.Three axis adopt import Taiwan Hiwin (or PMI) square linear orbit, two line sliding track, heavy loading, stable working, high precision, long lifetime .
- 2.X,Y,Z three-axis all have the waterproof, dust proof system
3. Whole seamless weld steel structure, not easy to distort , the table back lining is armor plate, good rigidity, the machine can bear 1MT weight at least.
4. Intelligent protecting the working table, to prevent the damage by wrong operation. Also can prevent the crush caused by the design working area larger than actual working area.
5. Good software compatibility, suitable for Type3, Artcam, Castmate, Ucanam, JDpaint, such CAD/CAM design software.
6. Double direction cutters cooling system can prolong the lifetime of using.
7. Emergency stop button, ensuring the operation safe
- 8.5.5KW China water cooling spindle, more powerful and not easy to break tools.



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- **High Speed 5.5KW Water Spindle**



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- **BEST Inverter**



- 
- NcStudio Control System



- 
- Air-break switch



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- **Tools for Stone Carving**



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- **Accessories**

#### **4. Multi Spindle Stone Carving Machine Applications:**

The Multi Spindle Stone Carving Machine can process almost all stones, so as long as it is an industry involving stone, our CNC stone engraving machine can be used.

Stone industry: carving and processing stone, jade, marble, granite, quartz stone, artificial stone, and other stones.

Furniture industry: countertops, bar counters, floor tiles, marble cabinets, stone furniture.

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Decoration industry: stone gift boxes, stone crafts, stone decorations, sculptures, 3D stone crafts, etc.

Stone tablet processing industry: stone tablet making, sarcophagus, tombstone, etc.

Advertising industry: stone advertising, artistic relief, signs, badges, etc.

Ceramic industry: all-stone ceramics, ceramic bottles, and other handicrafts



## 5. Package and Delivery for Stone CNC Router

SUNNA INTL has been cooperating with several big transport agents and shipping companies for long terms, and all machines are packed with standard plywood case for export, it can be transported to you safety as soon as possible.

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## 6.SUNNA INTL After-Services:

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

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 Stone**

### **CNC Router**

- SUNNA INTL 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.
1. Support OEM, the premise is that we have an excellent and experienced engineer team and sales team, our machine quality is very guaranteed, and we have a strong grasp of the market direction.
  2. The MOQ is one piece, we can send the machine directly to the port in your country, please tell us your port name. Will have the best shipping and machine price sent to you.
  3. Support customization, our excellent engineers will design drawings according to your requirements and confirm the completion of production.
  4. Global investment promotion.