

6090 Mini CNC Router



China Factory Directly 6090 Mini CNC Router In Stock. SUNNA is a 6090 Mini CNC Router manufacturer and supplier in China. SUNNA INTL CNC router 6090 is an intelligent CNC engraving machine, which can easily engrave and cut acrylic, PVC board, wood, artificial marble, aluminum, copper, plastic, etc., which are widely used in the advertising industry, such as sign making, Department nameplates, badges, architectural models, ABS boards, jade.

1. Product Introduction

SUNNA INTL 6090 engraving machine is portable, easy to transport and move, it can be used in small business, home store, it is the best choice for making some small pieces.

Affordable mini type CNC router machine with working area 60x90cm, 24x36 inches, 2x3 feet). The 6090 CNC router table is equipped with the most powerful water cooling spindle (air cooling spindle for option), which makes it reliability with long service life. The machine can be easily placed in a small workshop or home



2. Product Parameter (Specification)

Model	SN-6090
Effective working area	600*900*200mm
Table style	Aluminum T-slot table with PVC
Guide rail	Hiwin square linear guide rail

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Driving method	Taiwan Original TBI Ball screw for X,Y,Z axis
Spindle	2.2KW water cooling spindle
Invert	Best inverter
Collet size	ER16
Spindle speed	0-24000rpm
Motors and drivers	86BYG-450B stepper motors and Leadshine drivers
Control system	NCStudio control system
Working Accuracy	<0.03/300mm
Working speed	<7000mm/min
Traveling speed	0-7000mm/min
Instruction format	G code *.u00 *.mmg *.plt
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
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

The 6090 mini cnc router is a good solution for signage or production companies looking for quick and accurate cutting to machine shapes or materials not suitable with laser cutters.

As standard it has a powerful 2.2kw water spindle 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.

The industry standard ER20 collect system offers a wide range of easily obtainable tooling.

The standard workholding system is a multiple T-slot arrangement, with an optional 2.2kW vacuum bed available.

4. 6090 Mini CNC Router Main Parts



Tool Sensor



JMC stepper driver and motor



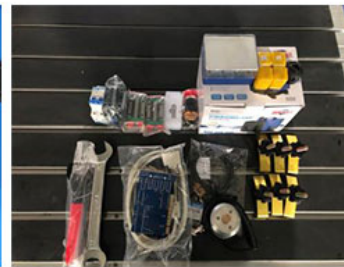
NC-studio Control system



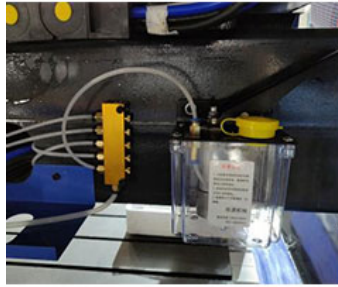
Air-break switch



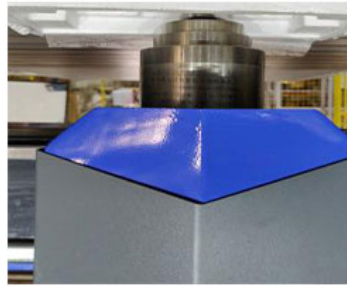
Emergency stop switch



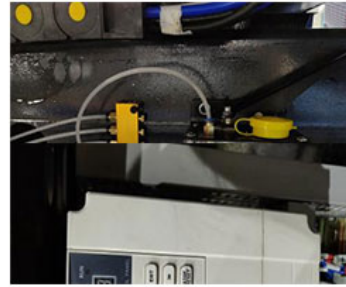
Accessories



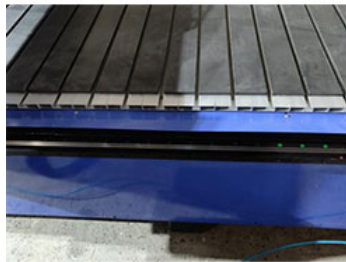
Manual lubrication



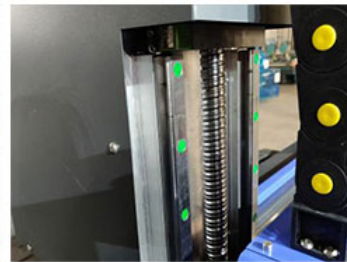
water cooled spindle



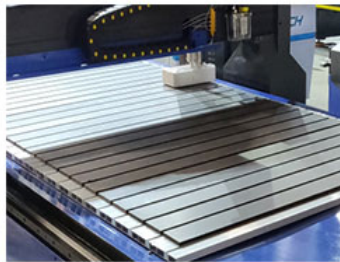
BEST Inverter



Jueli Right oblique helical rack



Taiwan Ball screw



T-slot table with pvc

5. Application

1. Furniture Industry: Wave Plate, fine pattern, antique furniture, wooden door, screen, craft sash, composite gates, cupboard doors, interior doors, sofa legs, headboards and so on.

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

3. 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.

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 Jinan Sunna International Trade Co.,Ltd.

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. OEM service:

As a CNC router manufacturer in China for many years, we attach great importance to quality control, you can choose us with confidence.

2. Global investment service:

As a CNC router manufacturer with many years, we sincerely cooperate with you to draw a beautiful blueprint.

3. Customized service:

As an excellent CNC router manufacturer in China, we can design and produce machinery according to your requirements.

4. Minimum order quantity:

Our MOQ is one machine, we can send the machine directly to the port or your factory in your country, please tell us the port name or your detailed address, we will offer you the best price plan .