

6090 Laser Engraving Cutting Machine 100W

SUNNA 6090 Laser Engraving Cutting Machine 100W can be installed 60W-150W laser tube. It is an industrial laser machine that can be used to cut thick wood acrylic and also cuts faster on fabric than small, low-power machines.

1. Product Introduction

SUNNA new carbon dioxide laser engraving and cutting machine, used for wood, bamboo, plexiglas, crystal, leather, rubber, marble, ceramics, glass and other materials carving, advertising, gifts, shoes, toys, etc. Supports PLT, DXW, BMP, GIF, JPG, JPEG, DXF, DST, AI and other graphics formats.



6090 Laser Engraving Cutting Machine 100W

- 1--Configure high power RECI/EFR/YONGLI brand laser tube
- 2--Multifunction Ruida controlling system, which can achieve engraving on plane, gradient engraving by 360 degree, cutting and drilling holes.
- 3--6090 Laser Engraving Cutting Machine 100W is a type of entry level laser engraver and cutter system, it can cut and engrave for most non-metal material, such as acrylic, wood, plywood, leather, MDF, etc.
- 4--Transmit files directly in CorelDraw, AutoCAD, and more professional softwares.
- 5--The 6090 Laser Cutter adopts international linear rail, more precision.

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2. Product Parameter (Specification)

Parameter of the 6090 Laser Engraving Cutting Machine 100W	
Working Area	600x900mm
Laser Power	60W/80W/100W/130W/150W
Laser type	Sealed Co2 laser tube,10.6μm
Working platform	Blade platform or Honeycomb optional
Engraving speed	0-60000mm/min
Resolution rate	±0.01mm
Mini Character Engraved	Chinese:2.0*2.0mm; English letter:1.0*1.0mm
Power Supply	AC110V/220V±10%,50HZ/60HZ
Supported Graphic Formats	BMP,PLT,DST,AI,HPGL
Cooling Modev	Water cooling and protection system
Control software	RD6445G Control System
Driving system	High-precision 3-phase stepper motor
Compatible software	TAJIMA,CORELDRAW,PHOTOSHOP,AUTOCAD,etc
Motors and Drivers	Leadshine Stepper motors and Drivers
Working temperature	0~45°C
Working humidity	5%~95% (without condensed water)
Color Separation	Yes
Overall dimensions & Weight	148x115x132CM & 320KGS
Optional configuration	Lift table,honeycomb table,rotary,double laser heads.

3. Product Feature

- 1--High precision,use square rail,famous 3-phase step motors.
- 2--X axis adopt fully enclosed design,dust proof, protect guide rail.
- 3--The widened belt ensures the working accuracy and service life of the machine.
- 4--Turn off the power to continue engraving cap protection

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5--Professional control system,high quality RD controller,works fast,friendly,easy to use

6--Up/down table,is optional,can add rotation axis.

7--The silent air pump is integrated in the machine, so it does not need to be connected to the air pump when it works. Convenient and concise.

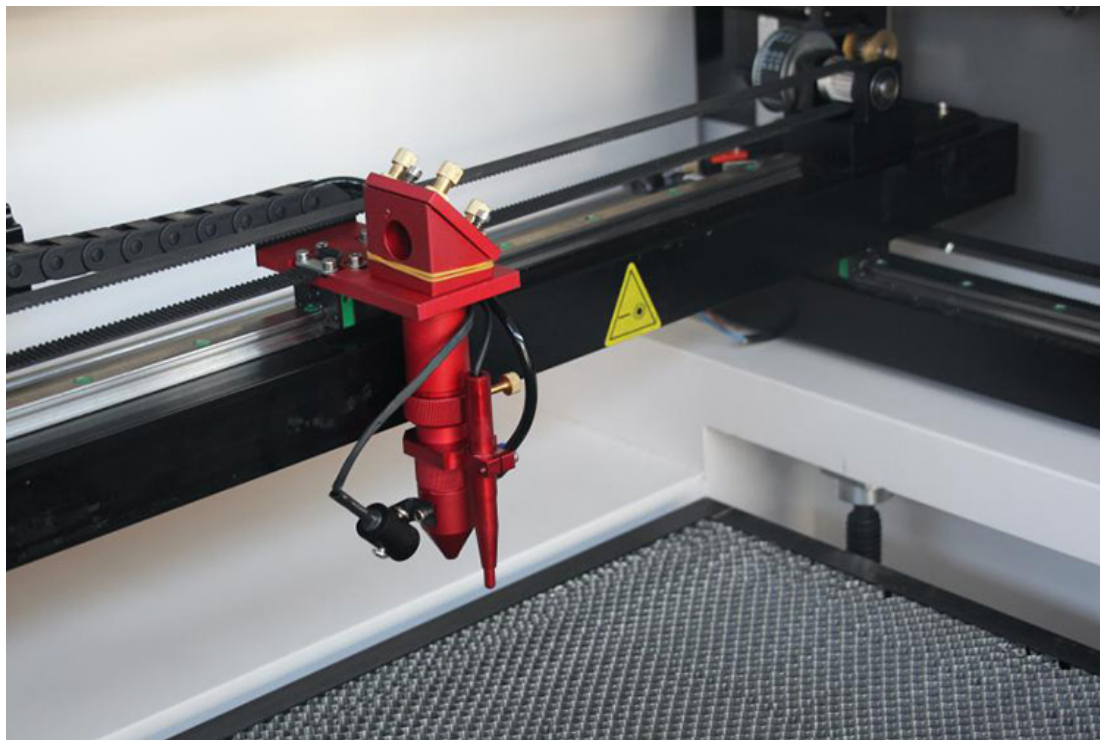
8--The design of water and electricity

4. Small Desktop Co2 Laser Cutting Machine Main Parts

Introduction



• Good quality RECI Brand laser tube,long life time and more powerful light. With good quality water cooling system to make the laser tube work better.



- High quality laser head with red light positioning system, imported lens which will make the light beam stable and powerful. Air-cooled system to protect the lens and laser head.



- High quality alloy guide rails ,anti-wear,high precision,fast speed and reduced deformation. High precision motor ensure high precision in the process of engraving.



RD control system:there has the USB interface in the control panel, do not need to connect into the computer, supporting offline work, very convenient.

5. Application

6090 Laser Engraving Cutting Machine 100W can be engraved / cut on various materials such as double color boards, wood products, coated metal and so on, making various nameplates and nameplates.It can be engraved / cut on various materials such as double color boards, wood products, coated metal and so on, making various nameplates and nameplates.

It also plays an important role in automobile cushions, automobile mats, garment industry, building models, furniture, electronics, packaging and other industries. For example, cutting sponge, cutting PVC, carton proofing and so on.



Co2 Laser Engraving and Cutting Machine After Sales Service:

- 1.All of co2 laser Machine will be fully-checked by our quality control department before the shipment.We guarantee all of machines have a two -years warranty.
- 2.Training details: operation principles, system and structure, safety and maintenance, software the processing technique, and so on.
3. Numerous feedback from our clients have proven that our laser machines are stable in performance with rare malfunction. However, we would like to handle it as follows function occurs:
 - a.We guarantee that we will give you a clear reply within 24 hours.
 - b. Customer service staff will assist and guide you to analyze the malfunction in order to locate the cause.
 - c. If the malfunction is caused by improper operation on software and other soft faults, we will help solve the problem online.
 - d.We will offer plenty of online supports, just like detailed technical and installation instructions by email,video, whatsapp,wechat (Training by team viewer)

Q5: I know nothing about this machine. Which machine should I choose?

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A5: very easy to choose. Please tell us what you want to do with the laser machine, and then let us provide you with professional solutions and suggestions.

Q6: when I got this machine, I didn't know how to use it. What should I do?

A6: we will send video and English manual with the machine. If you still have questions, we can contact you by phone or Skype and email