



Home Business Co2 Laser Engraver Cutter

High quality Home Business Co2 Laser Engraver Cutter made in China. SUNNA is a Home Business Co2 Laser Engraver Cutter manufacturer and supplier in China. Fastest large format laser engravers. With a speed of up to 3.8 meters per second, we have the quickest laser cutting machine for engraving large areas on the SUNNA Large Format Laser Engraver and Cutter and Cutter are designed for the fast and precise processing of large-format materials, which is used in a huge range of applications. In addition, with advances in our own research and development SUNNA Laser range has become a class leading CO2 laser cutting & engraving system.

1. Product Introduction

Laser cutting and engraving are emerging as a popular industry these days. It is not only demanded by product designers and small business owners to earn from their skill but even hobbyists to decorate their homes with their art.

With the rise in the popularity of laser engraver and cutter tools, you have many options to choose from.

1. 400*600 effective working area.(suit for small engraving and cutting job)
2. 40W, 50W, 60W, 80W EFR or Reci CO2 laser tube optional
3. Honeycomb lifting platform. Lifting platform 0-30cm
4. Red dot pointer.
5. Industry grade adjustable laser head.
6. RuiDA, AutoCAD, CorelDRAW control system
7. Blowing retardant, mirror protection, emergency stop, digital display



2. Product Parameter (Specification)

Parameter of the Home Business Co2 Laser Engraver Cutter	
Machine Model	SN-6040C
Working Area	600*400mm
Laser Power	40W/50W/60W/80W
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

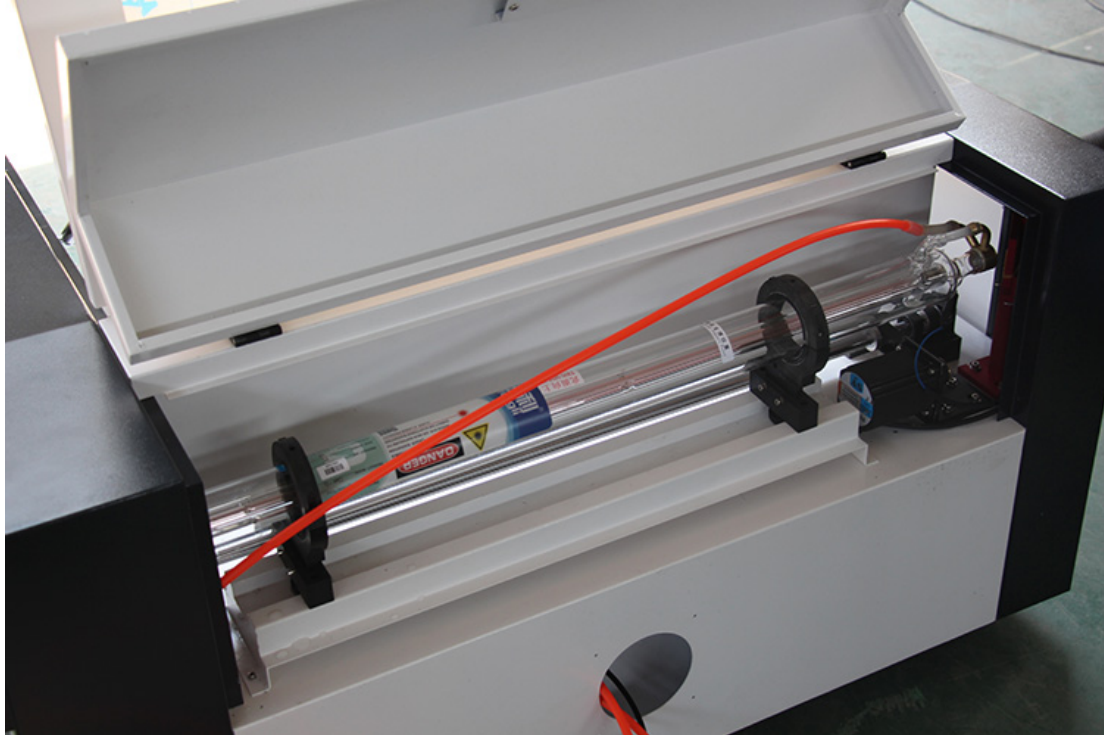
Working temperature	0~45°C
Working humidity	5%~95% (without condensed water)
Color Separation	Yes
Overall dimensions & Weight	116x87x60CM & 150KGS

3. Product Feature

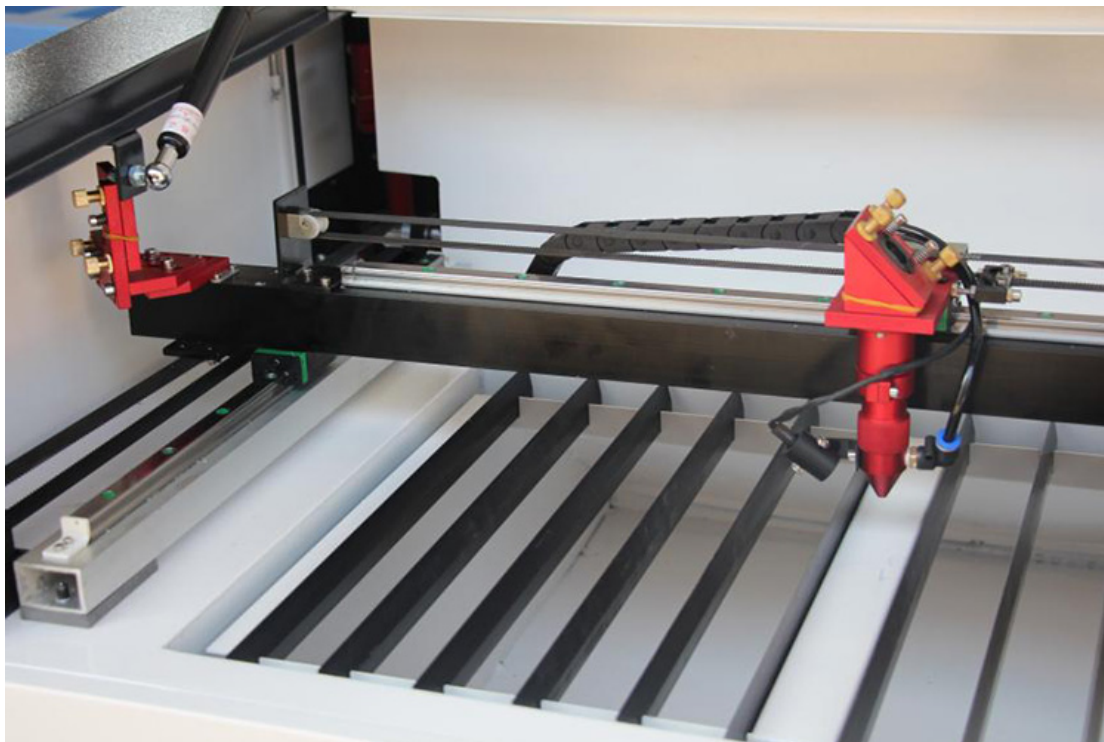
1. Home Business Co2 Laser Engraver Cutter installed on X&Y axis with Taiwan HIWIN square linear guide rail , make sure the works stably and precisely.
2. The professional manufacturers adopts square tube framework in China, with more than 40% higher fuselage strength than iron sheet structure. This design prevents the machine from quivering, resonance and distortion during long term work.
3. New-style high-efficiency laser tube is adopted. Laser beam is more stable than the traditional type. Usage age is more than 10000 hours.
4. Red dot position system is added in standard configuration, contributing to simple and precise working position.
5. Humanized and modern appearance showing SUNNA INTL's consistent humanity idea, making operation and maintenance quite easy.
6. Advanced RD control system, with professional motion control chip, has the function of consecutively high-speed curve cutting and the shortest path selection, which largely improves your working efficiency.
7. USB offline control system makes the operation more convenient and faster.
8. Automatic up-down table can be chosen for thick materials and high objects.

4. Small Desktop Co2 Laser Cutting Machine Main Parts

Introduction

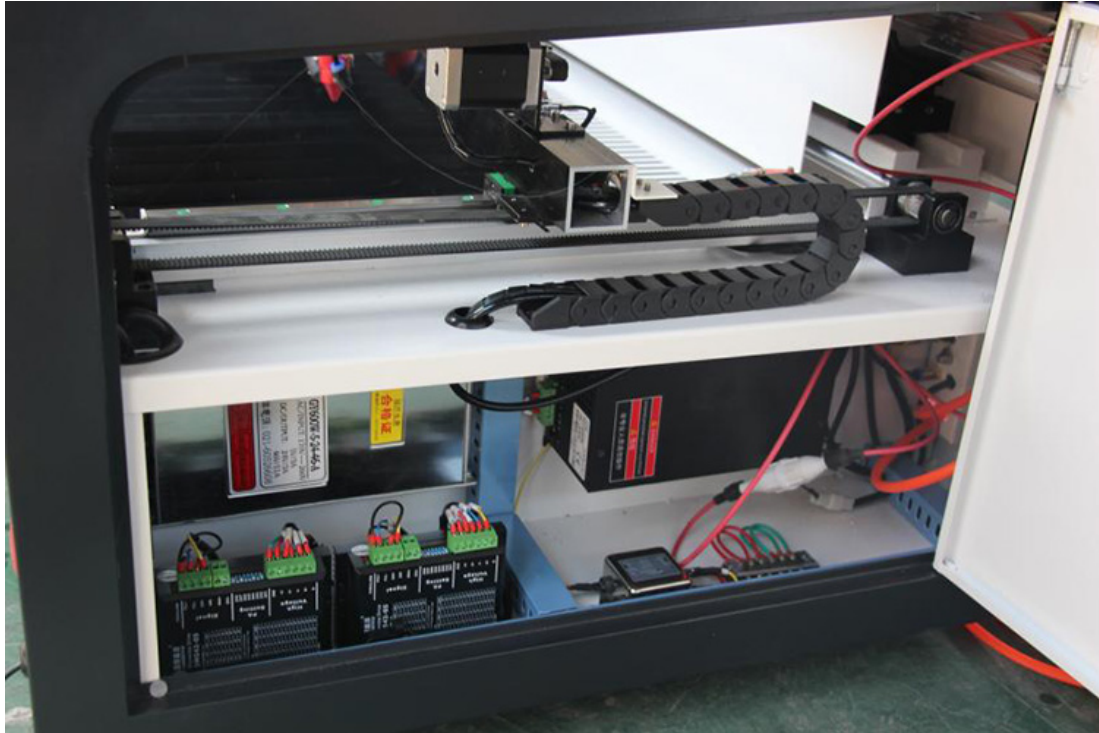


• Good quality laser tube, long life time and more powerful light. With good quality water cooling system to make the laser tube work better.



• High quality laser head with red light positioning system, imported lens which will
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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.

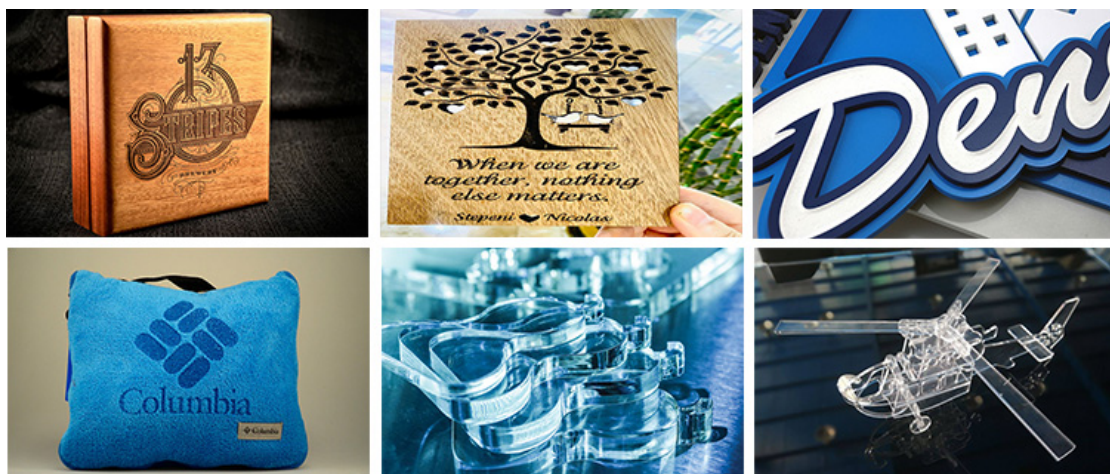
5. Application

Applicable Industries

Home Business Co2 Laser Engraver Cutter is applied to cloth,leather,toys,computer embroidery cutting, mould ,crafts ,bamboo and wood ,advertising and building decoration ,packaging and printing ,paper products industries.

Applicable Materials

Home Business Co2 Laser Engraver Cutter is available for engraving and cutting such as non-metal acrylic,color plates,ABS board,rubber,plastic,cloth toys,leather,crystal, glass,ceramic tile, jade,bamboo products,wood products.



Co2 Laser Engraving and Cutting Machine After Sales

Service:

Guarantee for 24 months excluding consumables parts .Extra fee is paid if out of date.
Any damage to the machine caused by improper use will be charged.

1. Free training course at our factory.
2. We will provide the consumable parts at an agency price when you need replacement.
- 4.Machine has been adjusted before delivery , operation disk was included. If there is also any questions, pls kindly tell me
- 5.24months quality guaranty, the machine with main parts(excluding the consumables)shall be changed free of charge when if there is any problem during the warranty period.
6. 24 hours on line service each day, free technical support.

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ODM/OEM customized projects allocate sufficient resources to ensure the first response, efficient collaboration with customers, shorten the research and development cycle, and help customers quickly realize product marketization.

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