

Laser Cutting Machine with CCD Camera



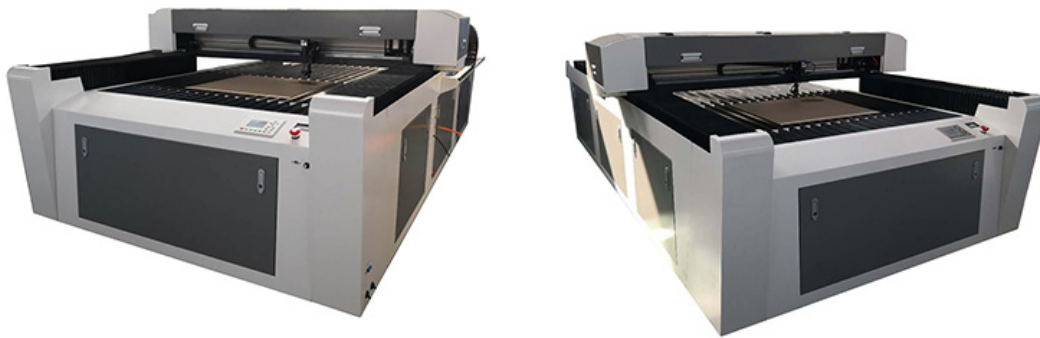
Hot sale quality Laser Cutting Machine made in China. SUNNA is a Laser Cutting Machine with CCD Camera manufacturer and supplier in China. The laser cutting machine comes with a CCD camera, which is installed on the laser head. Different recognition modes can be selected within the software to suit different applications. Especially suitable for the cutting of patches and labels.

1. Product Introduction

Laser Cutting Machine with CCD is specially developed for automatic identification and cutting of textile and leather labels, such as woven labels, embroidered patches, badges, etc.

SUNNA's patented software has a variety of identification methods, which can correct and compensate graphics to avoid deviations and missing labels, and ensure high-speed and accurate edge trimming of full-format labels. Compared with other CCD camera laser cutting machines on the market, it is more suitable for cutting labels with clear outline and smaller size. Using the real-time contour extraction method, various deformed labels can be corrected and cut, avoiding errors caused by edge wrapping.

Advanced Laser Cutting Machine with CCD Camera optical identify system which can perfectly replace the traditional hand cutting to achieve the higher precision and faster cutting.



What is Automatic Feeding CNC Fabric Laser Cutter

The laser cutting machine is equipped with high precision CCD camera, which quickly scans the entire processing breadth before cutting, and then identifies the reference point, and locates the materials to achieve the effect of precise cutting.

Automatic Feeding CNC Fabric Laser Cutter Advantages

1--CCD Laser Cutting Machine is specially developed for the automatic recognition and cutting of various textile and leather labels such as woven labels, embroidery patches, badges and so on..

2--Professional camera software has a variety of recognition methods, and it can correct and compensate the graphics to avoid deviations and missed labels, ensuring high-speed and accurate edge-cutting of the full-format labels.

3--Support multi-template cutting, big labels cutting (exceed camera recognition range)

4-- The machine is simple and easy to learn, the motion control algorithm is mature and stable, the cutting process is complete, and the human-computer interaction interface is friendly. It is suitable for intelligent identification and cutting of flexible materials.

2. Product Parameter (Specification)

Parameter of the Laser Cutting Machine with CCD Camera	
Machine Type	SN-CCD-1325
Working Area	1300x2500mm
Laser Power	80W/100W/130W/150W Optional

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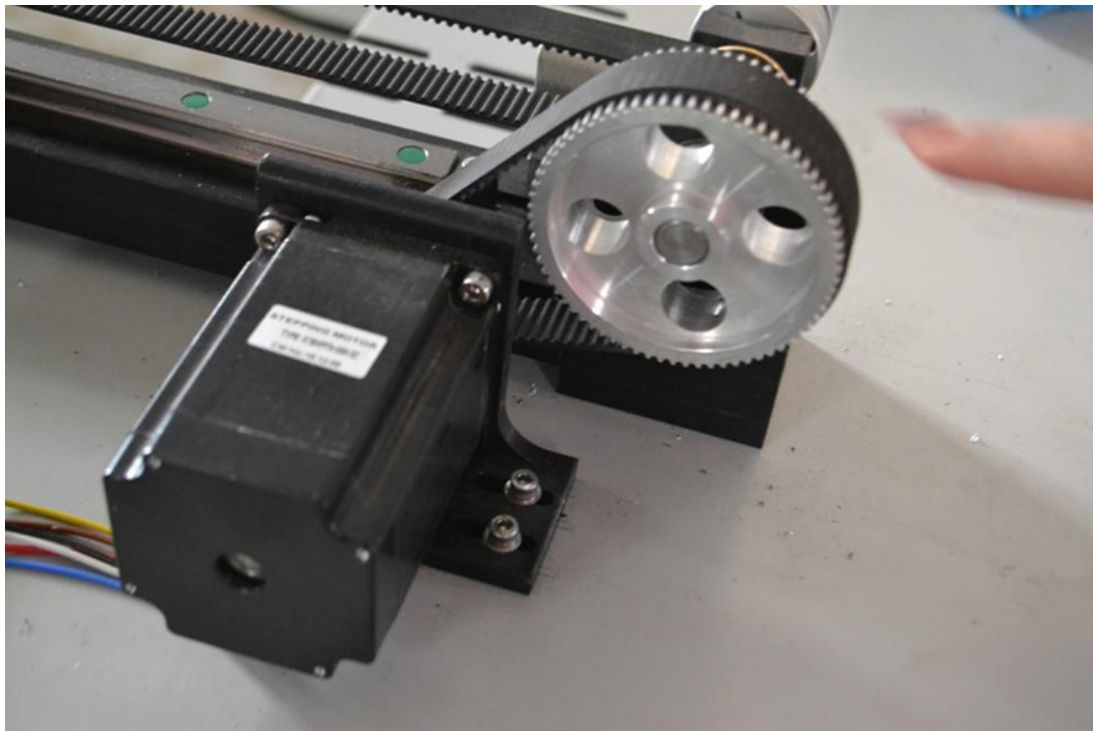
E-mail: sales@sunnaintl.com

Laser Head	Single head
Laser type	Glass inner cavity sealed CO2 laser, wavelength 10.6μm
Working platform	Automatic Feeding Honeycomb
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	PLT, DXF, AI, BMP, RLD can support AutoCAD, CorelDRAW direct output
Laser Type Cooling	Water cooling and protection system
Control software	RD Control System with CCD software
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	318x210x135CM & 900KGS
Optional configuration	Lift table,honeycomb table,rotary,double laser heads.

3. 1325 Co2 Laser Cutting Machine 150W Main Parts



• China top one quality laser tube, use life more than 10,000 hours, share global protection during warranty, with high working efficiency and fast cutting speed.



• Co2 laser cutter 1325 is equipped with a CCD camera, which quickly scans the entire processing breadth before cutting, and then identifies the reference point, and locates the material to achieve the effect of precise cutting.

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- **SUNNA Co2 Laser Cutting machine use high quality Leadshine stepper motor and drivers**
Cheap and good performance. Without A/D conversion, the digital pulse signal can be directly converted into angular displacement.



- **Adopted Taiwan HIWIN linear guide rail, fast running and high positioning accuracy for a longer time, improves the accuracy of engraving and cutting.**



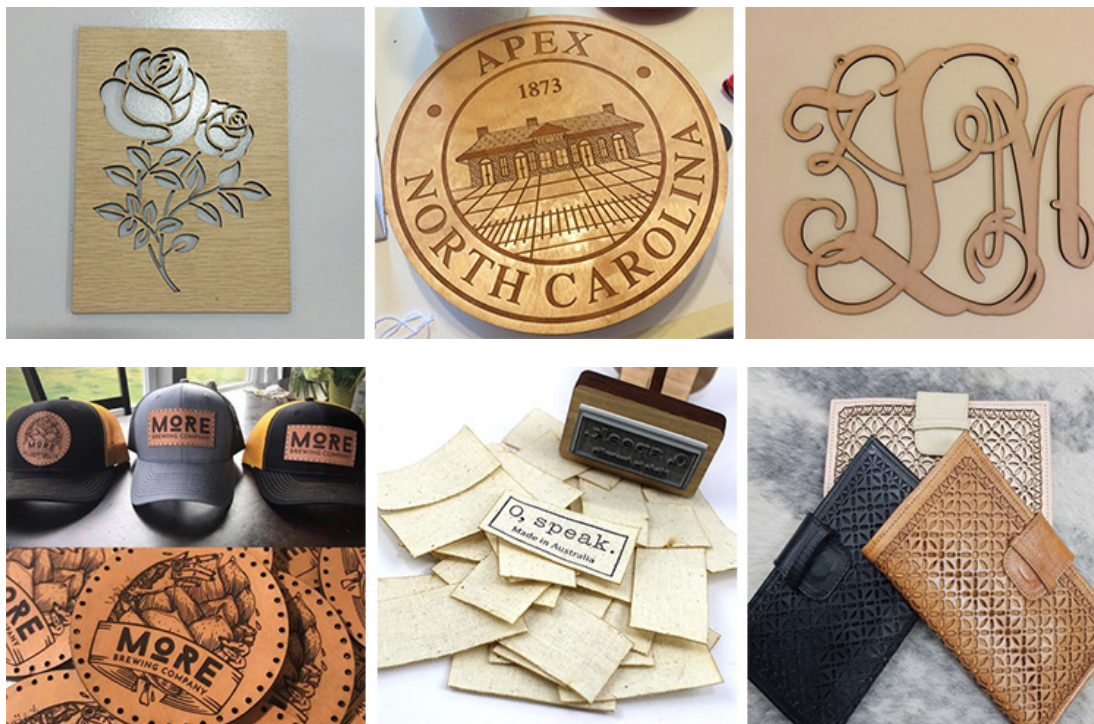
• High quality alloy guide rails ,anti-wear,high precision,fast speed and reduced deformation. High precision motor ensure high precision in the process of engraving.



• Ruida control system, the most popular control system, support multiple languages, stable performance, easy to learn and operation.

5. Application

Laser cutting machine with CCD Camera is widely used in engraving and cutting various non-metals, like acrylic, double-color plate, marble, wood, MDF, plywood, textile, leather, glass, paper etc. Widely applied in craft gifts, souvenir, Chinese paper cutting, advertising signs, clothes, furniture and many other industries.



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.

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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)

We can provide OEM service for you. We have our own R & D department, experienced designers and engineers, and multiple production lines. Therefore, we are able to provide you with high-quality marking machines according to your needs, ideas and samples.

We have a professional technical support team to provide you with timely after-sales service. You can get the help you need through phone, webcam and online chat (Google Talk, Facebook, Skype, WhatsApp).

We provide free logo service for all machines. We can add your logo to the machine software and the machine shell. The minimum order quantity is 1 set.