



## 100W Laser Jewelry Engraving and Cutting Machine

Buy Discount Quality 100W Laser Jewelry Engraving and Cutting Machine with Low Price made in China. A laser engraver is a must-have equipment for every manufacturer and supplier in the jewelry industry. Engraving metals, jewelry and other materials has been a very common practice for a long time. However, surprisingly high-tech laser engravers have recently been developed to solve all your metal and non-metal marking problems.

## 1. Product Introduction

100W Laser Jewelry Engraving and Cutting Machine is used for deep engraving and cutting silver and gold of gold jewelry. This machine is our SUNNA 2022 new model, which supports reasonable marking inside and outside the 10W, 20W, 30W and 50W rotating ring.

100W Laser Jewelry Engraving and Cutting Machine configured with 100W RAYCUS pulse fiber laser source, f-Theta Lens, and original EZcad software, fiber laser engraver 100w give a fast etching, cutting speed, with high pulse power and power density, and its also opens a new door to metal and plastic laser processing, the expected laser generator life time is 100,000 hours, no maintenance required at all.

## 2. Product Parameter (Specification)

Model	SN-50F
Marking Area	110*110mm/175*175mm/200*200mm/300*300mm
Laser Power	20W/30W/50W/100W optional
Worktable	Fixed high quality aluminum worktable
Wave Length	1064nm
Fiber Cable Length	3M
Repetition	1KHZ~600KHZ

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Frequency Range	
M2	< 1.8
Max.Single Pulse Energy	1.25MJ
Output Power Stability	< 5%
Output Beam Diameter	±0.5mm
Power Range	0-100%
Laser Frequency	10~600KHz
Laser Module Life	>100,000 hours
Engraving Depth	Adjustable according to materials
Marking Format	Graphics, text, bar codes, QRcode, automatically date, batch number, serial number, etc.
Graphic format supported	Ai, plt, ;dxf, dst, svg, nc, bmp, jpg, jpeg, gif, tga, png, tiff, tif
Computer System	WINDOWS XP/Win7/8/10 32/64bits
Minimum Character	0.15mm
Minimum Linear Width	0.01mm
Cooling way	Air Cooling
Maxi Marking Speed	7000mm/s
Data Transfer:	USB2.0 transmission
Control System	EZCAD Offline Controller
Compatible Software	CorelDraw, AutoCAD,Adobe Illustrator,Cadian
Total Power	500W
Power Supply	220V±10% 50HZ or 110V±10% 60HZ
Package Weight/dimension	55KG/810*520*600mm
Option Accessories	Rotary/F-theta scan lens/Laser protection glasses/Smoke purify

	system
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### 3. Product Feature and Application

The Best 100W Laser Jewelry Engraving and Cutting Machine is used for engraving and cutting logos, signs, letters, numbers, patterns or photos on metal surface such as steel, aluminum, copper, alloy, silver, gold, and some hard plastics.

#### Application

100W Laser Jewelry Engraving and Cutting Machine for deep engraving on steel, brass, aluminum, copper, carbon steel, stainless steel and cutting thin metal plates.

- Solar & Semiconductor
- Sensor Production
- Thin Film Polymers
- General Marking & Engraving Automotive (Parts and Displays)
- ID Cards & Mobile Phones
- Jewelry Laser Engraving & Cutting
- Medical Devices & Implants
- Electronics & Sensors/Instruments Industrial Components
- Manufacture of Processed Parts



## 4.Product Details

1--High-quality Raycus laser source, with a wide range of frequencies which allows doing engravings and cutting on metals.

2--Compact design, the portable model could be easily transported to the workplace.

3--Practical, double red dots easy focusing device for 2 lens sizes and work area laser lights.

4--Easy operation with EZCAD software that supports all standard design file formats,such as DXF, DST, PLT, BMP, JPG, GIF, TGA, PNG, TIF, etc.

5--24 Months Warranty for machine and accessories against defects in materials or workmanship, from the original date of receipt for 100W Laser Jewelry Engraving and Cutting Machine

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6--Online technical support. Contact our after services support in case you have any question regarding installation or operation of 100W Laser Jewelry Engraving and Cutting Machine.

7--10years life. Ultra-low running cost.The service life of the laser module if more than 100000hours.The unit power of the whole machine is no more than 0.5kw.

## **FAQ**

**Q1: How to get the most suitable machine and best price?**

**A1: Please tell me what's material you want to cutting or engraving? what's MAX size of marking material? Then we will recommend the most suitable model and the best price for you.**

**Q2: If there is anything wrong with the machine, what should I do?How the warranty works overseas?**

A2: Firstly, you can send me videos or pictures of your problem, we can solve by online ways, or take videos and pictures to show you how to solve problem.

Secondly, we have videos and manual that show you how to operate the machine, if you need the engineer to your local place ,we can send them ,too

**Q3: Does the machine is shipped all fixed?Or do I have to assemble it?**

A3:All the parts are assembled well ,you just need to connect the power cable when you get it

**Q4: What about warranty for both?**

A4:Control system is yours , we can solve problem if you have any questions warranty(24 month warranty) is whole lifetime when you use it.

Before delivery, we will check and test the machine at least 10 times to ensure the quality of the machine. In addition, we will send you a test report and save the technical information of the machine for better after-sales service.