



## Affordable Laser Metal Marking Machine 20W 30W

Buy Hot Affordable Laser Metal Marking Machine 20W 30W made in China. SUNNA is Affordable Laser Metal Marking Machine 20W 30W manufacturer and supplier in China. The optical system of this laser engraving machine stainless steel adopts a fully sealed structure with a red light preview function, which has a more beautiful appearance and more convenient operation; High photoelectric conversion efficiency, high beam quality, fine lines and small spots; If you want to buy affordable Laser marking machine, this one will be one of your best choice.

## 1. Product Introduction

This metal Laser Engraving Machine is a new generation of laser marking system developed by our company using the advanced laser technology. It uses the fiber laser to output laser, and then the marking function is realized by the high-speed scanning galvanometer system. The optical conversion efficiency of fiber laser marking is high, reaching more than 30%. It is cooled by air cooling, the whole machine is small in size, the output beam quality is good, and the reliability is high.

The structure of the whole best cheap laser engraver is simplified, easy to control.

Affordable Laser Metal Marking Machine 20W 30W is a profitable way to start a business in a growing industry that takes only a small investment. Laser systems are so easy to use that you'll be able to start using one in no time, and they are so affordable, they usually pay for themselves in a short amount of time!

## 2. Product Parameter (Specification)

Model	SN-20F
Marking Area	110*110mm/175*175mm/200*200mm
Laser Power	20W/30W optional
Worktable	Fixed high quality aluminum worktable
Wave Length	1064nm

Fiber Cable Length	3M
Repetition Frequency Range	1KHZ~600KHZ
M2	< 1.8
Max.Single Pulse Energy	1.25MJ
Output Stability Power	< 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	30KG/74*58*35cm

Weight/dimension	
Option Accessories	Rotary/F-theta scan lens/Laser protection glasses/Smoke purify system

### 3. Product Feature and Application

- 1.Affordable Laser Metal Marking Machine 20W 30W with high quality fiber laser generator, optical power density uniform, stable output laser power, meets the application demand of mainstream market;
- 2.High-speed Scanlab brand galvanometer scanner, small size, high speed and excellent stability; the performance reaches the international advanced level
- 3.Powerful Beijing JCZ control system, optimizes the processing data according to various application, supports multi language switch, and up to 256 color layer management functions, meets the application requirements of most industries;
- 4.Die-casting mold manufacturing lifting frame, stable structure, built-in linear guide, simple design.
- 5--Ensures Easy and flexible operation at low running cost and offers long-term trouble-free working hours. Also, it doesn't require that much high maintenance. In short, it is just perfect to satisfy industrial production.

#### Application

Laser Marking software system allows users to mark series numbers, 2D Data Matrix, bar codes, and graphics on a wide range of materials, including most metal materials, and non-metallic materials,plastic, ceramic, gold, alloy, epoxy, resin, coated materials, electroplating materials, engineering plastic, Silver and other materials.



## 4.Product Details

1--Good quality laser beam (near to the limit of diffraction,expanding of laser beam is only 1/4 of the diode laser engraver ),so it is very suitable for delicate marking.

2--The split marking table can be put in anywhere for assembly line accordance.

3--Split Fiber Laser Marking Machine for Metal Plastic with easy operation software that permanently marks on any type of material,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.

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6--Online technical support. Contact our after services support in case you have any question regarding installation or operation.

## **FAQ**

### **Q1: What's materials can be marked with fiber laser marking machine?**

A1: Laser etching and engraving on stainless steel, aluminum, gold, silver, titanium, bronze, platinum or copper and other metals.

Laser marking on plastics:PVC ABS, polycarbonate, polyamide, PMMA..

### **Q2: Payment Terms of Handheld Fiber Laser Marking Machine**

A2: 30% T/T paid as deposit, the balance paid before shipment,L/C,Western Union,credit Card,Paypal.

### **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.

### **After Sales**

We provide 1-3 year's guarantee and life-long maintenance for our products. Free repairing or replacement (except for wearing parts) is available for our products for their functional defects (except for artificial or force majeure factors) within warranty period.

After warranty period, we only

charge artifacts according to the actual situation.