



50W Fiber Fly System Laser Marking Machine

SUNNA is a 50W Fiber Fly System Laser Marking Machine manufacturer and supplier in China. SUNNA online flying laser marking machine adopts the combination of automatic feeding system and rapid laser marking equipment, online marking has high production efficiency, stable quality, and online marking system is suitable for multitudinous sequence production.

1. Product Introduction

50w fiber laser machine can make dot matrices or scribbling laser encoding with high quality on fast-moving products and meet the demands of all kinds of production lines. This machine can mark letters, numbers, Chinese characters, icons, symbols, one-dimensional bar codes, two-dimensional bar codes, dates & times, serial numbers, random numbers, and other texts.

Enclosed Fiber Laser Marking Machine adopts the combination of automatic feeding system and rapid laser engraving equipment, online marking has high production efficiency, stable quality, and online marking system is suitable for multitudinous sequence production.

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

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	15-20m/min
Data Transfer:	USB2.0 transmission
Control System	PowerMark
Compatible Software	CorelDraw, AutoCAD,Adobe Illustrator,Cadian
Total Power	500W
Power Supply	220V±10% 50HZ or 110V±10% 60HZ
Package Weight/dimension	100KG/106*66*63cm
Option Accessories	Rotary/F-theta scan lens/Laser protection glasses/Smoke purify

	system
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3. Product Feature and Application

1. High Precision: Re-position precision is 0.001mm
2. Fast Speed: High quality laser scanning system makes the marking speed up to 15-20m/min
3. Easy Operating: Training video CD, trouble free
4. 10 Years Long Lifetime: Fiber laser device adopts MAX Technology. China top quality, 100000 hours lifetime
5. No consumables: Free of maintenance for 8-10 years
6. Air Cooling: Adopts air cooling, excellent cooling effect than the other cooling method

Application

The machine can be widely used in food and beverage, tobacco, leather, package, building materials, lighting, accessories, cosmetics, electronics, kitchen, bathroom hardware, shells of cell phone and watches, medical apparatus and instruments, tubular product, cable, plastic, cable and other industries.

FIBER LASER MARKING MACHINE METAL SAMPLE



FIBER LASER MARKING MACHINE NONMETAL SAMPLE



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 plug-in intelligent control interface can be flexibly connected with various automation equipment and sensors, and the software functions can be flexibly modified according to specific conditions

3--50W Fiber Fly system laser marking machine 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.

4--24 Months Warranty for machine and accessories against defects in materials or workmanship.

5--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 Service

SUNNA INTERNATIONAL TRADE CO.,LTD.

Tel: +86-15315239222

E-mail: sales@sunnaintl.com

All of our machines will be fully checked by our quality control department before the shipment. We guarantee all of our laser machines have a one-year warranty (quick-wear parts not included).

Training details: operation principles, system, and structure, safety and maintenance, software processing technique, etc.

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 once malfunction occurs:

- a. We guarantee that we will give you a clear reply within 24 hours.
- b. Customer service staff will assist you in analyzing the malfunction to locate the cause.
- c. If the malfunction is caused by improper operation of software and other soft faults, we will help solve the problem online.
- d. We will offer plenty of online support, like detailed technical and installation instructions via email, video, and telephone. (Training by team viewer)