



Enclosed Fiber Laser Marking Machine

The Enclosed Fiber Laser Marking Machine with a protective cover and a clear acrylic door, could effectively avoid the production process of accidental damage, but also can clearly view the working process.

SUNNA Enclosed Fiber Laser Marking Machine adopts a closed structure, and the protective door can be lifted up and down to ensure the safety of operators. The optional air purifier can be used in places with high environmental requirements; in addition, the optional image positioning module can realize automatic positioning and marking. The lifting column can be adjusted manually and electrically, making it easier to adjust the focus. Equipped with a precision two-dimensional worktable, the positioning is more accurate and convenient.

1. Product Introduction

Enclosed Fiber Laser Marking Machine has a homogeneous structure, any optical soiling, any power coupling losses and it has an air cooling system. In contrast to other laser machines, this laser machine has a high efficiency and reliability. Efficiency and a long duration of usage are the main arguments for customer's choice and usage of this optical fiber laser marking machine. This laser machine has an exquisite volume and it is suitable for adverse circumstances.

2. Product Parameter (Specification)

Model	SN-F
Marking Area	110*110mm/175*175mm/200*200mm/300*300mm
Laser Power	20W/30W/50W 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 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

Used to engrave metallic and non-metallic materials, for example, stainless steel decorating parts for handsets, clocks, watches, moulds, ICs, handset buttons, etc. The markers are able to engrave beautiful images on metallic and plastic surfaces.



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.

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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.

SUNNA focuses on the Laser Machine, CNC Router machine's research and development-design-program customization-sales-service, to provide you with efficient and convenient solutions.

We serve global enterprises, as long as you have the need, welcome to inquire.