



Split Fiber Laser Marking Machine for Metal Plastic

Factory Direct Sale Quality Split Fiber Laser Marking Machine for Metal Plastic with Low Price Manufacturers and Suppliers. All our split fiber laser marking machines are designed using superior grade raw materials and world class technology in accordance with global quality standards.

1. Product Introduction

Owing to their longer service life, low maintenance and durability as well as the quality of the mark they produce, they are widely demanded by clients from various industries for product identification and traceability. They allow manufacturers to mark or engrave serial numbers, bar codes, and other graphics on a wide variety of materials, including metals, plastics and ceramics.

This Split Fiber Laser Marking Machine for Metal Plastic with 20W/30W/50W fiber laser source, its separated marking head can be combined with other machine for better application and high precision laser device for marking all metal materials and parts of nonmetallic materials.

2. Product Parameter (Specification)

Model	SN-F
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 Frequency Range	1KHZ~600KHZ

M2	< 1.8
Max.Single Pulse Energy	1.25MJ
Output Stability Power	< 5%
Output Diameter Beam	±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/81*52*60cm
Option Accessories	Rotary/F-theta scan lens/Laser protection glasses/Smoke purify system

3. Product Feature and Application

- 1.High quality fiber laser generator, optical power density uniform, stable output laser power, meets the application demand of mainstream market;
- 2.High-speed Sino 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.

Application

All metals: gold, silver, titanium, copper, alloy, aluminum, steel, manganese steel, magnesium, zinc, stainless steel, carbon steel, mild steel, alloy steel, electrolytic plate, brass plate, galvanized sheet, aluminum, alloy plates, sheet metals, rare metals, coated metal, anodized aluminum and other special surface treatment, electroplating the surface of the aluminum-magnesium alloy surface oxygen decomposition. Non-metallic: non-metallic coating materials, industrial plastics, hard plastics, rubber, ceramics, resins, cartons, leather, clothes, wood, paper, plexiglass, epoxy resin, acrylic resin, unsaturated polyester resin material.



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, from the original date of receipt for 100W Laser Jewelry Engraving and Cutting Machine

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

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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.

Quality Control

Skilled and strict Quality Inspection Team is available during the material purchasing and production procedure. All finished machine we delivered are 100% strictly tested by our QC department and engineering department. We will provide detailed Machine pictures and Test videos to customers before delivery.