



Desktop Fiber Laser Marking Engraving Machine

SUNNA INTL is a China Desktop Fiber laser marking engraving machine factory and supplier. We have been specialized in cnc laser machine industry for many years. Our products have a good price advantage and cover most of the European and American markets. We look forward to becoming your long-term partner in China.

1. Product Introduction

Desktop Fiber Laser Marking Engraving Machine is a laser engraving system for metals marking and polymer plastics markings, which is a laser etching machine to customize or DIY credit cards, Jewelry, guns, signs, parts, tools and crafts.

Fiber laser are generally maintenance-free and feature a long service life of at least 100,000 laser hours. Desktop Laser Marking Engraving Machine with high-quality fiber laser source and comes with high-precision galvo scanner system.

2. Product Parameter (Specification)

Model	SN-F
Marking Area	110*110mm/175*175mm/200*200mm/300*300mm
Laser Power	20W/30W/50W/100W
Worktable	Fixed high quality aluminum worktable
Wave Length	1064nm
Fiber Cable Length	3M
Repetition Frequency Range	1KHZ~600KHZ
M2	< 1.8
Max.Single Pulse	1.25MJ

Energy	
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	200KG/90*78*115cm
Option Accessories	Rotary/F-theta scan lens/Laser protection glasses/Smoke purify system

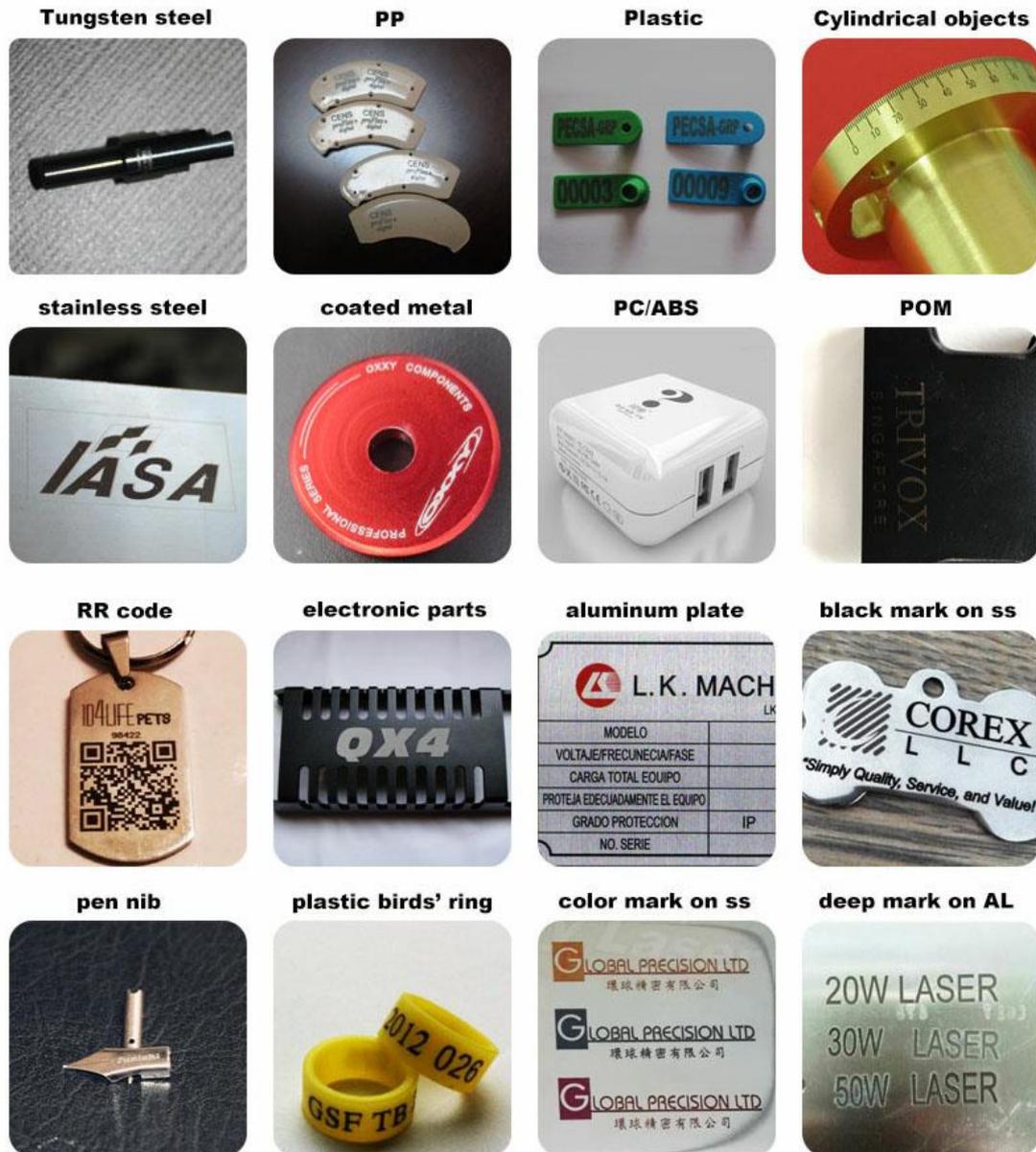
3. Product Feature and Application

Desktop fiber laser marking engraving machine can provide stable laser power output, perfect optical mode, high quality laser beam and high-speed marking speed, so users can get a great engraving effect and high efficiency, which can fulfill massive production.

The advantages of fiber laser engraver machine is as following: compact design, easy operation, wide range of application, free of maintenance, and high conversion efficiency. So it can meet the demand of industrial continuous work.

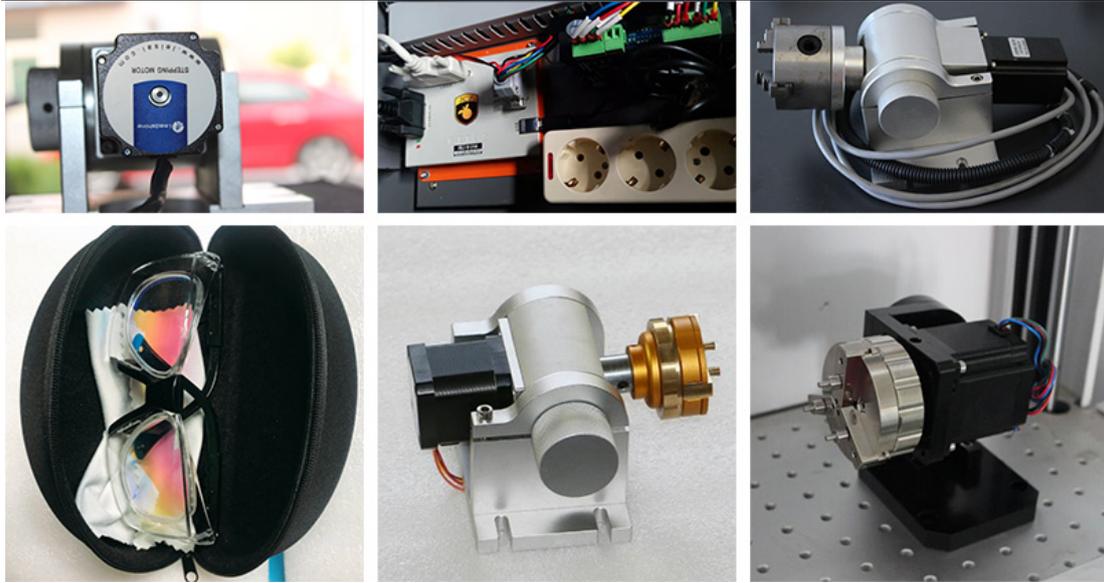
Application

Desktop Fiber Laser Marking Engraving Machine is used for marking and etching on metals (stainless steel, aluminum, alloy, brass, silver, gold, titanium, iron) and nonmetal surface, such as jewelry, rings, guns, bearings, gears, automotive parts, hardware and tools, aerospace components, integrated circuit chips, computer accessories, watches, electronics and communications products, home appliances, wire and cable, Jewelry, adornments, necklace, bracelet and other areas of graphics and text markup.



4. Product Details of Desktop Fiber Laser Marking Engraving Machine

The fiber laser engraver is the industrial engraving and micro machining laser. This series pulse laser has high peak power, high single-pulse energy and optional spot diameter and can be widely applied in all kinds of fields, such as marking, precision processing, graphic engraving of non-metal, gold, silver, copper and aluminum with altitude stress resistance, stainless steel materials without altitude stress resistance. Its marking process features lower cost and more stable performance compared with traditional laser.



5. Advantages of Desktop Fiber Laser Marking Engraving Machine

1--Low costs of maintenance

The built-in galvo laser scanning head is practically maintenance free and absolutely reliable. The energy consumption of the laser engravers is very low. Costs for consumables, spare parts or laser machine maintenance do not incur.

2--High speed Laser Marking

Desktop Fiber Laser Marking Engraving Machine has been developed for engraving large quantities of small- to medium-sized parts. The laser etching machine is able to engrave pens, tags, usb-sticks or dataplates in only a few seconds.

3--Software easy to operate

The preinstalled fiber laser marking machine software acts like a printer driver. It works with all graphics, CAD and label printing software. No importing or converting is necessary, just use a simple print command.

6. After Sales Service:

1.All of Desk Fiber Laser Marking Engraving Machine will be fully-checked by our quality control department before the shipment.We guarantee all of our laser marking machines have a two -years warranty.

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2. Training details: operation principles, system and structure, safety and maintenance, software the processing technique, and so on.

3. 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 function occurs:

a. We guarantee that we will give you a clear reply within 24 hours.

b. Customer service staff will assist and guide you to analyze the malfunction in order to locate the cause.

c. If the malfunction is caused by improper operation on software and other soft faults, we will help solve the problem on line.

d. We will offer plenty of online supports, just like detailed technical and installation instructions by email, video, telephone. (Training by team viewer)

4. Maintain Fiber Laser Marking Machine

In addition to the need for stable voltage, regular cleaning of the focus lens, and it does not require any maintenance.