



**S**MARK  
Laser Automation

Fiber Laser Marking Machine

## ***Our History:***

We, [SMark Laser Automation Pvt. Ltd.](#), started in the years 2021 with the 12 year's experience, are one of the foremost manufacturers an extensive array of Fiber Laser Metal Cutting Machine, **Fiber Laser Marking Machine**, Co2 Laser Engraving & Cutting Machine, Laser Cladding Machine, Laser Hardening Machine CNC Router, ND: YAG Laser welding Machine etc. To manufacturing these products, we use quality tested components and latest technology. Our products are appreciated for their features like long service life, easy to use, low maintenance, damage resistance, Heavy & Sturdy structures.

We not only hold expertise in meeting our client's demands, but also give high importance to quality. Also, our workforce comprises of skilled engineers. The innovative design and exceptional functionality of our machines range offer long life ratings. Moreover, we continually modernize our infrastructure to include the range of improvements in our research attempts. In addition, our idea of generating unmatched value for our esteemed patrons furnishes us to deliver high-quality products and services within the limited time frame.

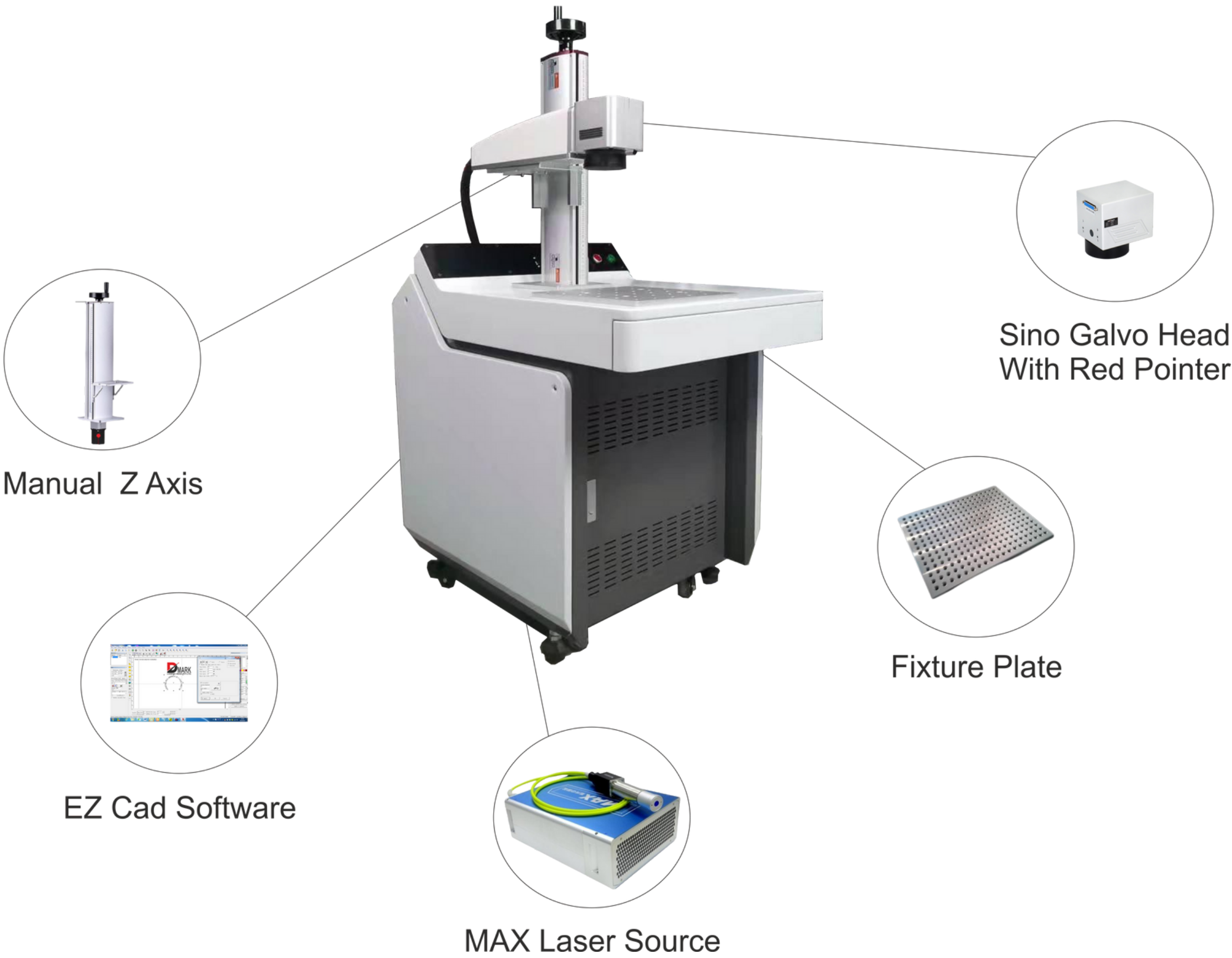
**Application:** Fiber laser marking are mostly used in automotive, electrical, tools & tooling, medical, surgical, Jewelers & fashion accessories, kitchenware & bath fittings for marking alphanumeric, serial no's, part no's, date codes, different logos, complex graphics, images & pictures also bar code marking, 2D data matrix codes.

## ***Feature's :***

- Ø Fiber laser marking can be used for marking on metallic as well as non metallic material.
- Ø Fiber Laser Marking Machine has high speed, low operational cost, high quality and durable results. Can be Used for any kind of automation & for mass production.
- Ø The process of marking is non contact type, very clean process & dose not cause physical stresses.
- Ø As compared to conventional method of marking this process virtually dose not require any consumables.
- Ø MAX Photonics Laser Source
- Ø Manual Focusing Head with Manual Lens Adjustment
- Ø fiber laser marking machines includes manual z-axis system, optional rotary axis.
- Ø Fiber laser marking machines are maintenance free.
- Ø Stability and reliability of light path system and control system.
- Ø Imported original fiber lasers, high and stable function, lifespan is over 100000 hrs.
- Ø Higher marking quality and efficiency, marking speed is up to 700mm/sec. with appearance and beautiful marking edge.

**Materials to be Marked :** Aluminum, Brass and copper, Tungsten and Carbide, Non-semiconductor ceramics, Chrome, Coated and Painted Metal, Fiberglass & Carbon fiber, Nickel, Plastics and polymers, Rubber, semiconductor industry, Silver and Gold, Stainless Steel, Mild Steel, Titanium.

# Fiber Laser Marking Machine Specifications



## Specification :

Model	SML-M10 / M20/ M30/ M50
Working Area	70X70 / 100X100 / 180X180 / 300X300
Laser Frequency	20 Hz to 200 KHz
Laser Wave Length	1064nm
Pulse Energy	>9 kw to >20 kw
Maximum Marking Speed	7000 mm / sec.
Position Accuracy	±0.025mm/m
Cooling System	Air Cooled
Running Environment	10 - 45 Degree Celsius, Humidity 10-49 %
Z Axis Movement	Up to 800 mm Manual
Control System	Ez Cad
Position Type	Red Dot
Working Voltage	230V AC /50Hz
Working life of fiber module	2 Years Warranty
Minimum Latter Size	0.5 mm ( English Font)
Graphic's File Support	.plt, .cdr, .ai, .dxf,.bmp, .jpeg,.dwg etc.
Warranty time	Whole machine for 1 years (Fiber 2 Years )
Rotary Axis	Optionally
Delivery time	15 days



## ***Pre-sale and after-sale service commitment***

### ***Pre-sale service:***

Free sample making.

For free sample making/testing, please send your samples or products CAD Graphics to our company in Pune. Sample shipping back cost should be paid by purchaser.

### ***Progressing Solution Design :***

According to customer's product processing requirement, we can design the unique solution that supports higher manufacturing efficiency and better processing quality for customer.

### ***After-sale service:***

#### ***Training to install:***

##### ***Option A:***

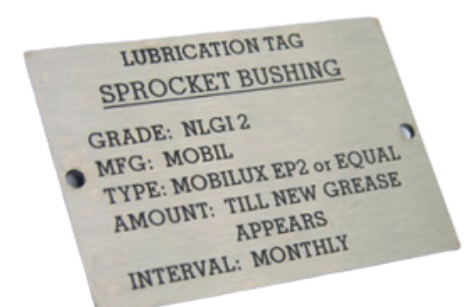
We will supply the machine with training and user's manual in English for installing, operation, maintenance and trouble-shooting, and we will give technical guidance by e-mail, telephone/What's /Skype/Team Viewer/Any Desk and so on, when you meet some problems of installation, using or adjusting the cutting Parameters.

##### ***Option B:***

You can come to **SMark Laser Automation Pvt. Ltd.** Factory for training. SMark Laser Automation Pvt. Ltd. will offer professional guide. Direct and effective face-to-face training. Here we have assembled equipment, all sorts of tools and testing facility. Training Time: 1 working days

### ***Warranty:***

The warranty period of fiber laser source is 2 years , all other machine parts are 1 years. Warranty will be starting from machine is arriving in your destination. Except the damage artificially ,we are responsible for offering the fittings free of charge during the warranty period. Customer needs to send damaged fittings to us by courier with customer's charge before we send back the alternative fittings. After the warranty period, parts need to be repaired or changed, shall be paid.



### ***Contact Us:***

**SMark Laser Automation Pvt. Ltd.**

[www.smarmklaser.com](http://www.smarmklaser.com)

Email: [smarmklaser@gmail.com](mailto:smarmklaser@gmail.com)

TEL: +91 9850122407 , +91 8669168624.

ADD : M.No. 520/1,A/P Ambegaon Bk. Jambhulwadi Road, Katraj.

Tal. Haweli, Dist.- Pune. Maharashtra. 411046.