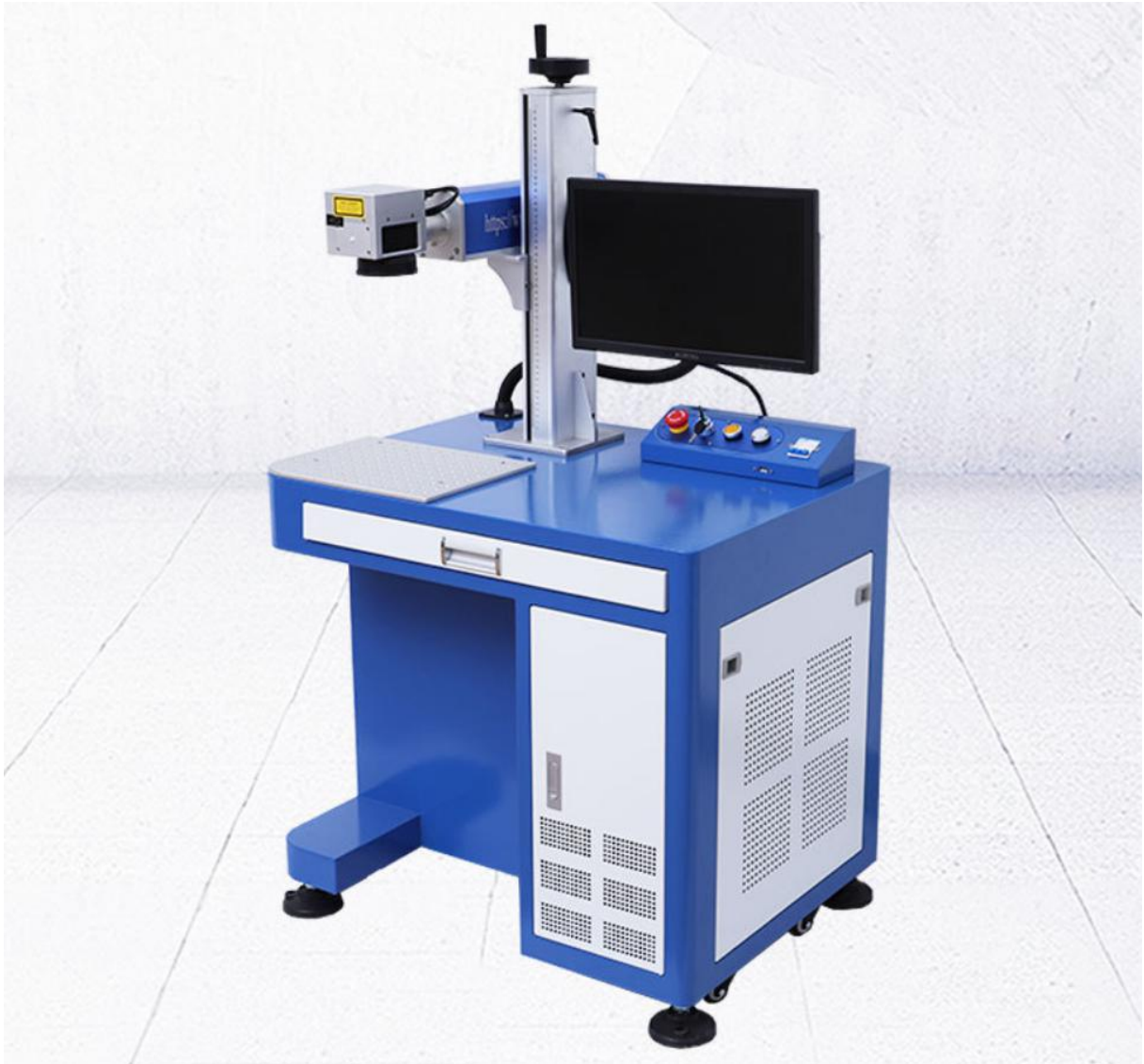




# INDUSTRIAL LASER SPECIALIST



# Fiber Laser Marking Machine







## 1. Advantage:

1. Fast marking/engraving speed.
2. Easy operation, without any need to change the parts after long term use.
3. High precision marking, swift, engraving depth controllable.
4. Excellent beam quality, high photoelectric conversion efficiency, good performance and can be competent at fine processing.
5. Long lifetime: the service life time can reach up to 100000 hours.
6. Portable, all-in-one machine, saving space
7. Multiple Marking form: Flying Marking, Line Printer, Rotating Marking. Multistage Marking.
8. Support different file formats: PLT, AL, DXF, BMP, JPG and so on.
9. OEM customization can be accepted.

## 2. Parameter

NO.	Name	Fiber laser marking machine
1	Machine model	DS-LM20/DS-LM30/DS-LM50
2	laser power	20W/30W/50W
3	laser wavelength	10640 nm
4	Laser level	Class 4
5	Repeat accuracy	±0.001mm
6	Min.line width	0.01mm
7	Min.character size	0.15mm
8	Max marking speed	8000mm/s
9	Working area	100x100mm(standard)/200x200mm/300x300mm
10	Cooling	Air cooled
11	Working environment temperature range	5~35 °C
12	Humidity range of working environment	< 70% No condensation
13	working voltage	220V,50/60Hz

### 3. Product Configuration List

Name	Picture	Unit	Q.ty	Remarks
Laser source IPG/Raycus/MAX/ JPT/HF		set	1	Brand of source and powers are optional
China digital galvo head		set	1	Fast,accurate,can be used 24hours a day
Control card		set	1	EZcad
Industrial Computer		set	1	RAM:4G ROM: SSD 64G

### 4. Applicable Industry

Fiber laser marking machine is applicable for so many metallic materials like steel, stainless steel, iron, aluminum,titanium,brass,copper,silver,gold,alloy, ABS,PVC,PC, and so on. It is used in gifts, advertising decoration, toys, electronic appliances, medicine, food,automobile,packaging, and other industries.

## 5. Sample



## 6. Warranty and After-Sale

### a. Warranty

Two years for laser source, one year for other accessories, such as galvo

head,lens,control board,power supply,consumable parts are not in warranty,such as keyboard and mouse.

DOTSLASER promises to maintain products which are produced and sent according to a formal contract,and guarantees every repaired machine will function good if used properly.

DOTSLASER has the rights to repair or replace a product in warranty period if it has a material or technical problem. We will charge for the maintenance under normal circumstances. It will be free if the machine has special problems.

## **b. Warranty Scope**

DOTSLASER will not provide free warranty service in following cases:product or parts are damaged because of modification ,dismantlement ,improvement without permission ;product or parts are damaged because of emergency or negligence;product or parts are damaged because of lack of preservation .....customers have the responsibility to learn the directions on the user guide and operate the machine properly. Damages resulted in abnormal operation will not get warranty services. Accessories are not in warranty.

Customers should make a written request in 30days as soon as they found a problem which is in the warranty range , no third party should be involved in the maintain process and products or part that are not produced by DOTSLASER should also not be included.

## **c. Technical Support and Product Maintenance**

Contact with DOTSLASER's engineer whatever problems occur when using,and make a troubleshooting under engineer's direction.

All products waiting for repair or replacement should be placed in cases DOTSLASER provides,otherwise DOTSLASER will charge for the damage it may cause.

When customers receive DOTSLASER's products, please check if the product is damaged and whether accessories is complete or not.

DOTSLASER keeps on developing new products, information and parameters in this file may change. All technical parameters are subject to the contract.

Warranty and after-sale clauses above are for reference only ,and are subject to the formal contrast.