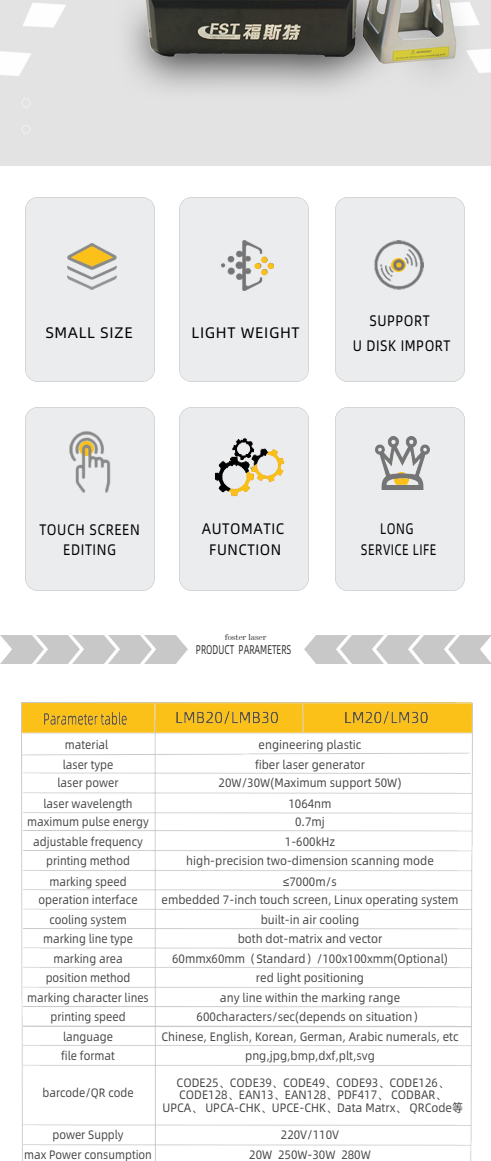


Support/offline/marketing/of/lithium/battery

# portble hand-held fiber laser marking machine

Backpack design/Supports outdoor operation



- SMALL SIZE
- LIGHT WEIGHT
- SUPPORT U DISK IMPORT
- TOUCH SCREEN EDITING
- AUTOMATIC FUNCTION
- LONG SERVICE LIFE

## PRODUCT PARAMETERS

Parameter table	LMB20/LMB30	LM20/LM30
material	engineering plastic	
laser type	fiber laser generator	
laser power	20W/30W(Maximum support 50W)	
laser wavelength	1064nm	
maximum pulse energy	0.7mj	
adjustable frequency	1-600KHz	
printing method	high-precision two-dimension scanning mode	
marking speed	≤7000m/s	
operation interface	embedded 7-inch touch screen, Linux operating system	
cooling system	built-in air cooling	
marking line type	both dot-matrix and vector	
marking area	60mmx60mm (Standard) /100x100xmm(Optional)	
position method	red light positioning	
marking character lines	any line within the marking range	
marking speed	600characters/sec(depends on situation)	
language	Chinese, English, Korean, German, Arabic numerals, etc	
file format	.jpg,.bmp,.dxf,.plt,.svg	
barcode/QR code	CODE25, CODE39, CODE49, CODE93, CODE126, CODE128, EAN13, EAN128, PDF417, CODBAR, UPCA, UPCA-CHK, UPCE-CHK, Data Matrix, QRCode等	
power Supply	220V/110V	
max Power consumption	20W 250W-30W 280W	
net weight of machine	lithium battery: 7.8KG power supply: 6.4KG	
Full power Continuous working hours	about 4 hours (lithium battery)	
charging time	1.5 hours minutes (lithium battery)	
adaptive temperature	0-40°C	
relative humidity	30-85RH(No condensation)	
appearance dimension	330mm*280mm*200mm	
marking type	QR code, barcode, English, date, logo, pattern, etc	

notes:weight of 50W lithium battery 8.4kg,power supply 6.9kg

## PRODUCT DETAILS

**01 Handle**

- 1.weight 0.8KG
- 2.diameter 35mm
- 3.Suitable for long time operation

**02 Galvanometer**

- 1.Two-dimensional scanning
- 2.Good beam quality
- 3.Permanent and clear marking working area 60x60and 100x100mm (optional)

**03 Engineering plastic**

- 1.High intensity
- 2.Environmental protection
- 3.Wear-resistant four-corner design at the back
- 3.It can be used upright or flat

**04 Red light**

- 1.One-click red light preview
- 2.No need to focus, accurate and stable
- 3.Easier operation
- 4.Clearer marking

**05 Built-in laser marking system**

- 1.No computer, touch display, convenient control.
- 2.Based on open source Linux system, stable and fast.
- 3.Refuse Carton.

## PRODUCT ADVANTAGES

## portble hand-held fiber laser marking machine

**Lightweight-Small size**

Girls can also easily control - One-hand access

**SUITABLE FOR LONG TIME OPERATION**

- >Diameter35mm, Handle weight0.8kg
- >Weight of power supply6.4kg (Weight of lithium battery7.8kg)
- >Volume49x46x43cm

LIAOCHENG FOSTER LASER SCIENCE & TECHNOLOGY CO., LTD.

**Handle**

Ergonomic design, Handgrip diameter35mm, More comfortable grip

**BACKPACK IS OPTIONAL**

Backpack design & Lightweight and dexterous Support outdoor operation

**GREAT DESIGN**

**EMBEDDED LASER INTELLIGENT SCANNING SYSTEM**

Convenient gesture control of pressure touch panel

Super Desktop • Hyper Terminal • Beyond imagination

HD marking Accurate positioning

Touch screen editing U disk import Versatile interface

**Supported languages:** Chinese, English, Japanese, Italian, Portuguese, Spanish, Traditional Chinese, Korean, French, Arabic

## PRODUCT ACCESSORY

1.Power Supply 2.U disk 3.Goggles

4.Lens dust blowing ball 5.Capacitance pen 6.Focus shim

**Operation method of focusing gasket:**

- 1.Place the focusing gasket parallel to the installation position of the focusing cover
- 2.Confirm the screw position and tighten it

## PRODUCT SIZE

Cable length 1.75m

Field lens F100

Outer package size:490\*460\*430mm Total weight of package

## PRODUCT APPLICATION

**APPLICATION AREA**

Aerospace industry Automobile manufacturing industry

Metal processing industry Construction machinery industry

Energy industry Household appliance industry

**SUPPORT MULTIPLE CONTENT**

Date Serial number QR code

Written words Pictures Bar code

**EASY TO HANDLE ALL KINDS OF MATERIALS**

Applicable to a variety of production materials (Metal, Steel, aluminum, zinc, copper, etc., arcs, hard plastic, painted paper box, melamine board)

Steel Copper Zinc

Aluminium Rigid plastic Melamine board

**1.Tightly packed in wooden cases.**

**2.Effectively avoid collision during long-distance transportation**

## COMPANY AND FACTORY INTRODUCTION

Liaocheng Foster Laser Science&Technology Co.,Ltd is a professional manufacturer of laser engraving machine,Laser cutting machine,Laser marking machine for 12years. Since 2004, Foster Laser focused on the development and production of various types of laser engraving/cutting/markng machine with the advanced management,strong research strength and steady globalization strategy. Foster Laser establish more perfect product sales and service system in China and around the world, make the world's brand in laser industry.

Our target is "scientific management, high quality, high reputation and takes continuous development as our policy, regards customers as our center, double win with our customers", and we adhere to our tenet of "take the market demand as the guide, continue to take innovation and make improvement". We will try our best to provide the high quality products and perfect service for clients.

Furthermore,we pay much attention to after-sales service. Good service and good quality is same important for Foster Laser will follow the spirit "Credibility and integrity", try best to provide customer more super product and better service.

Foster Laser--reliable professional Laser equipment supplier!

**OFFICE TEAM INTRODUCTION**

**EXHIBITION INFORMATION**

**OUR SERVICES**

1. Machine warranty for 1 year,laser for 2 years.
2. Maintenance for whole life.
3. We will provide the consumable parts at an agency price.
4. 24 hours online service, free technical support.
5. Machine has been adjusted before delivery, operation disk is included in the delivery. If there is any other questions, pls kindly tell me.
6. We have manual instruction and CD (Guiding Videos) for software installation, operation and machine's using and maintenance.