

Product Information

Product Description:

Carmanhaas Fiber Laser Marking Machine adopts highly integrated fiber laser and high-speed scanning galvanometer. The output power is stable, the optical mode is good, suitable for fine and precise marking; small size, full air cooling, no consumables, maintenance-free, to meet the needs of industrial continuous work;

Carmanhaas [China Fiber Desktop Laser Marking Machine Supplier](#) imported or domestic lasers can be selected according to requirements.

Product Features:

- (1)Mark a variety of metallic and non-metallic materials.
- (2)Non-contact processing, no damage to products, no tool wear, good marking quality;
- (3)The beam quality is good, the loss is low, and the processing heat affected area is small.
- (4)High processing efficiency, computer control and easy automation



Click on [Portable Fiber Laser Marking Machine Wholesales](#) to learn more

Application industry:

Widely used in plastic transparent keys, integrated circuits (IC), digital product parts, precision machinery, jewelry, sanitary ware, measuring tools and cutting tools, clocks and glasses, electronic components, hardware accessories, hardware tools, mobile communication components, auto and motorcycle accessories High-precision product identification industry such as plastic products, medical devices, building materials and pipes.

Applicable materials:

It is suitable for high-hard alloy, electroplating products, coating products, ABS, epoxy resin, ink coating

products, ceramics, engineering plastics, etc.







Technical Parameters:

P/N	LMCH-20	LMCH-30	LMCH-50	LMCH-100
Laser Output Power	20W	30W	50W	100W
Wavelength	1064nm	1064nm	1064nm	1064nm
Beam Quality M2	<1.3	<1.3	<1.3	<1.3
Laser frequency	20kHz~200kHz	30kHz~200kHz	50kHz~200kHz	50kHz~200kHz
Marking Area	100x100~ 300x300mm	100x100~ 300x300mm	100x100~ 300x300mm	100x100~ 300x300mm
Marking Depth	≤1mm	≤1.5mm	≤2mm	≤2mm
Total Power	800W	800W	800W	800W
Minimum line width	0.03mm	0.04mm	0.05mm	0.06mm
Repeat accuracy	±0.0001mm	±0.0001mm	±0.0001mm	±0.0001mm
Electricity	220±10%, 50/60Hz,2.5A	220±10%, 50/60Hz,2.5A	220±10%, 50/60Hz,2.5A	220±10%, 50/60Hz,2.5A
Machine Size	76*52*76cm	76*52*76cm	76*52*76cm	76*52*76cm
Cooling system	Air Cooling	Air Cooling	Air Cooling	Air Cooling

Product details

01

Raycus laser source

Raycus' 10~100W Q-switched pulsed fiber lasers feature high peak power, high pulse energy and optional output beam size. They are widely used in marking, precision drilling and engraving on non-metal and high reflection metals, such as gold, silver, aluminum and stainless steel etc..



02

Galvanometer

Galvanometer scanner and beam expander to form a two dimensions scanning system. The scan lens is optimized to provide a flat field image with diffraction-limited spot size in micron scale over the entire scan field.

03

F-theta lens

it have very good laser beam transparent rate, less laser beam loss, longer lifetime than other brand lens
200*200/300*300mm lens could be configured



04

Laser controller card



Laser control card enables real-time control of scan system and lasers over a standard USB host interface. Customers can integrate complete machinery easily over the laser control card due to its compactness and I/O capabilities. Fast response times and short execution cycle times make the EzCad Card perfectly suitable for high performance applications. It can load marking file via a removable MMC memory card.

Marking Samples



The Kitchenware Industry



The Jewelry Industry



■ The Car Industry



■ Other Industry



Factory&Certificate





CERTIFICATE

ATTESTATION CERTIFICATE OF MACHINERY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been observed and audit has been completed successfully. 2006/42/EC Machinery Directive and 2014/35/EU Low Voltage Directive have been taken as references for these processes

Company Name : **Camnan HAAS Laser Technology (Suzhou) Co., Ltd.**

Company Address : No 155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Jiangsu , P.R.China

Related Directives and Annex : **Low Voltage Directive 2014/35/EU
Machinery Directive 2006/42/EC**

Related Standards : **EN ISO 12100:2010; EN 60204-1:2006+A1:2009+AC:2010**

Product Name : **Laser Marking Machine**

Report No and Date : SD-90049717:09.08.2018

Product Brand/Model/Type : LMCH-3W,LMCH-5W,LMCH-10W,LMCH-15W,LMCH-20W,LMCH-25W,
LMCH-30W,LMCH-50W,LMCH-60W,LMCH-70W,LMCH-100W,
LMCH-120W,LMCH-150W,LMCH-200W,LMCH-300W,LMCH-500W

Certificate Number : **M.2018.201.N6073**

Initial Assessment Date : 10.08.2018

Registration Date : 13.08.2018

Reissue Date/No :

Expiry Date : **12.08.2023**

U. Bayraktar
UDM International Certification
Auditing Training Centre Industry
and Trade Inc. Co.

The validity of the certificate can be checked through www.udem.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be notified in case of any changes on the product(s)
Address: Mulkikent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya - Ankara - TÜRKİYE
Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 70
E-mail: info@udemtd.com.tr www.udem.com.tr



Certificate of Approval

Certificate No.: 10119Q12565ROM

Awarded to

**Carman Haas Laser Technology(SuZhou)
Co., Ltd.**

Organization Code Certificate No. / Unified Social Credit Code:91320594MA1MF4EP56
Add.:No.155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Jiangsu Province, P.R. China. 215000

Beijing ZhongLian TianRun Certification Center (ZLTR) certify that the
Quality Management System of the above organization has been assessed and found to be
in accordance with the requirements of the standard:
GB/T19001-2016 / ISO9001:2015

SCOPE OF CERTIFICATION/REGISTRATION
The Research and Development and Production of Optics Lenses (Except the limits of
national laws and regulations.)

This certificate is made valid when used with certification scopes and the requirements of applicable
laws and regulations. These requirements include, but are not limited to, administrative permits,
scopes of qualifications, and CCC requirements.

Subject to operation conditions in requirements conformity with Quality Management System,

This Certificate is valid for a period of three years only,
Date from: Mar 13th,2019 To: Mar 12th,2022

The effectiveness of this Certificate shall be Validated by periodic surveillance audit
of ZLTR for maintenance.

Information of this certificate can be found on the official website of Beijing Zhonglian Tianrun
Certification center (<http://www.zltr.com.cn>)

ISO 9001

ISO 9001



Beijing Zhongliantianrun Certification Center

Room2603, 22nd Floor, 2nd Unit, Block 1, No.4 Yard, Qiyang Road, Chaoyang District, Beijing, P.R. China 100102

Information of this certificate can be found on the official website of Certification and Accreditation Administration of the People's Republic of China (<http://www.cnca.gov.cn>)

Packing Details

Packing details	One set in a wooden case
Single package size	80x90x58cm
Single gross weight	90Kg
Delivery time	Shipped in 2 days after receiving full payment



Packing List:

Item Name		Quantity
Laser Marking Machine	Carmanhaas	1 set
Machine body	DESKTOP	
Foot Switch		1 set
AC Power cord (Optional)	EU/USA /National Standard	1 set
Wrench tool		1 set
30cm Ruler		1 piece
User Manual		1 piece
Laser Protective Goggles	1064nm	1 piece



Return Policy:

We provide a free ONE YEAR Full Machine WARRANTY and TWO YEARS Laser Source WARRANTY
Should returns be required:

Step 1) Contact us with this website email.

Step 2) Provide as much detail as possible about the problem you are having.

Step 3) Authorization to return the item will be issued.

Step 4) Return the item for the agreed replacement or refund.

Logistics:

Optics order ship by DHL, UPS, FedEx, TNT, EMS etc For Laser machine order delivery, can be optional with terms of Exwork, FOB, CNF, CIF by air or by sea based on the buyer's forwarder or ours

FAQ

Q1. Are you a manufacturer?

A1: Yes, we are professional and experienced manufacturer with our own molds and production lines.

Q2. How about quality of products?

A2: Our technicians and QC teams test the products one by one using aging line, professional devices and instruments to ensure the quality for all products.

Q3. How about price?

A3: We are a manufacturer and always offer our customers the most competitive prices.

Q4. How to place an order?

A4: Contact with online service, or sent email to us directly, we will reply to you with product price, specifications, packing etc. soon. Thank you.

Q5. May I send material to test marking performance?

A5: Yes! You are welcome to send material to test our superior quality and service.

Q6. Can I visit your factory?

A6: Yes, welcome to visit our factory at your convenient time.

Q7. How can I make OEM or ODM orders?

A7: We have different print processing for different OEM/ODM orders. Please contact us with online service or send email to us directly.

Q8. How should I pay for my orders?

A8: You can pay by T/T would be available for qualified bank and MOQ required for each order.