

## Informazioni sul prodotto

### Descrizione del prodotto:

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

### Caratteristiche del prodotto:

- (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
- (5) Marking software is compatible with files from Coreldraw, AutoCAD, Photoshop and other software
- (6) Support PLT, PCX, DXF, BMP, etc., you can directly use SHX, TTF font library.
- (7) Support automatic coding, printing serial number, batch number, date, barcode, QR code, automatic number jump, etc.

Clicca su [Portable Mini Fiber Laser Marking Machine Supply in China](#) per saperne di più



### Product Application:

#### \*Applicable Materials:

Fiber Laser Marking Machine is suitable for all kind of metal, industrial plastic, electroplates, metal-coated materials, rubbers, ceramics and so on.

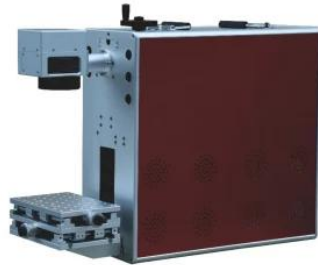
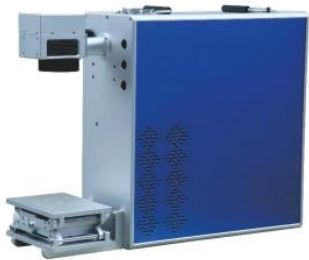
#### \*Applicable Industry:

This Fiber Laser Marking Machine widely used in mobile button, plastic transparent button, electronic parts, IC, tools, communication products, bathing products, tool accessories, glasses and watches, jewelry, button decoration for boxes and bags, cookers, stainless steel products and presto.

### Parametri tecnici:

P/N	LMCH-20	LMCH-30
Laser Output Power	20W	30W
Wavelength	1064nm	1064nm
Beam Quality M2	□1.3	□1.3
Laser frequency	20kHz~200kHz	30kHz~200kHz
Marking Area	70*70mm 110*110mm 150*150mm 175*175mm	70*70mm 110*110mm 150*150mm 175*175mm
Marking Depth	≤1mm	≤1.5mm
Potere totale	800W	800W
Minimum line width	0.03mm	0.04mm

Repeat accuracy	$\pm 0.0001\text{mm}$	$\pm 0.0001\text{mm}$
Electricity	220 $\pm$ 10%, 50/60Hz ,2.5A	220 $\pm$ 10%, 50/60Hz ,2.5A
Sistema di raffreddamento	Aria condizionata	Aria condizionata



**Prodotto Spections:**

# 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.

# Marchatura Campioni:

## The Kitchenware Industry



## The Jewelry Industry





■ The Car Industry



■ Other Industry



Factory&Certificate





# C E R T I F I C A T E

## 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 : **Caman 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**

  
UDEM International Certification  
Auditing Training Centre Industry  
and Trade Inc. Co.

The validity of the certificate can be checked through [www.udem.com.tr](http://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 noticed in case of any changes on the product(s)

**Address:** Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya - Ankara - TURKEY

**Phone:** +90 0312 443 03 90 **Fax:** +90 0312 443 03 76

**E-mail:** [info@udemltd.com.tr](mailto:info@udemltd.com.tr) [www.udem.com.tr](http://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>)



**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>)

ISO 9001

ISO 9001

## Dettagli d'imballaggio

Dettagli d'imballaggio	One set in a wooden case
Single package size	80x78x34cm
Single gross weight	60Kg
Tempo di consegna	Shipped in 2 days after receiving full payment



**Lista imballaggio:**

<b>Nome dell'oggetto</b>		<b>Quantità</b>
Laser Marking Machine	Carmanhaas.	1 set
Machine body	Portatile	

Foot Switch		1 set
AC Power cord (Optional )	EU/USA /National Standard	1 set
Wrench tool		1 set
30cm Ruler		1 pezzo
Manuale d'uso		1 pezzo
Laser Protective Googles	1064nm	1 pezzo



**Politica di ritorno:**



We provide a free ONE YEAR Full Machine WARRANTY and TWO YEARS Laser Source WARRANTY  
I rendimenti dovrebbero essere richiesti:

Passaggio 1) Contattaci con questa email del sito web.

Passaggio 2) Fornisci più dettagli possibili sul problema che stai avendo.

Passaggio 3) Autorizzazione per restituire l'articolo verrà emesso.

Passaggio 4) Restituire la voce per la sostituzione o il rimborso concordato.

### **La logistica:**

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. Un produttore?**

A1: Sì, siamo produttori professionali ed esperti con i nostri stampi e linee di produzione.

### **Q2. Come sulla qualità dei prodotti?**

A2: I nostri tecnici e i nostri team di controllo qualità testano i prodotti uno per uno utilizzando la linea di invecchiamento, dispositivi professionali e strumenti per garantire la qualità per tutti i prodotti.

### **Q3. Come sul prezzo?**

A3: Siamo un produttore e offriamo sempre ai nostri clienti i prezzi più competitivi.

### **Q4. Come effettuare un ordine?**

A4: contatto con il servizio online, o inviato un'e-mail direttamente a noi, ti risponderemo con il prezzo del prodotto, le specifiche, l'imballaggio ecc. Presto. Grazie.

### **Q5. Bay I Invio materiale per testare le prestazioni di marcatura?**

A5: Sì! Siete invitati a inviare materiale per testare la nostra qualità e servizio di qualità superiore.

### **Q6. Can Io visito la tua fabbrica?**

A6: Sì, benvenuto a visitare la nostra fabbrica al tuo tempo conveniente.

### **Q7. Come posso fare ordini OEM o ODM?**

A7: abbiamo diverse elaborazioni di stampa per diversi ordini OEM / ODM. Vi preghiamo di contattarci con il servizio online o invia direttamente email direttamente.

### **Q8. Come dovrei pagare per i miei ordini?**

A8: è possibile pagare con T / T sarebbe disponibile per Bank qualificato e MOQ richiesto per ogni ordine.