

## Informazioni sul prodotto

### Descrizione del prodotto:

Carmanhaas Fibra macchina per marcatura laser adotta fortemente integrato laser in fibra e scansione galvanometro ad alta velocità. La potenza di uscita è stabile, il modo ottico è buono, adatto per fine e precisa marcatura; piccola dimensione, raffreddamento di aria, nessun consumo, senza manutenzione, per soddisfare le esigenze di lavoro continuo industriale; importati o laser domestici possono essere scelti a seconda delle esigenze.



### Caratteristiche del prodotto:

(1) Tracciare una varietà di materiali metallici e non metallici.

- (2) lavorazione senza contatto, senza danneggiamento dei prodotti, senza usura dell'utensile, buona qualità di marcatura;
- (3) La qualità del fascio è buona, la perdita è bassa, e la zona di calore elaborazione colpita è piccola.
- (4) ad alta efficienza di elaborazione, computer di controllo e facile automazione
- (5) Il software di marcatura è compatibile con i file da CorelDraw, AutoCAD, Photoshop e altri software
- (6) di sostegno PLT, PCX, DXF, BMP, ecc, è possibile utilizzare direttamente SHX, libreria di font TTF.
- (7) Sostenere codifica automatica, la stampa di numero di serie, numero di lotto, la data, il codice a barre, il codice QR, numero di salto automatico, ecc



### **Industria delle applicazioni:**

Ampiamente utilizzato nelle chiavi di plastica trasparente, circuiti integrati (IC), parti di prodotto digitali, macchine di precisione, gioielli, sanitari, strumenti di misura e utensili da taglio, orologi e occhiali, componenti elettronici, accessori hardware, strumenti hardware, componenti di comunicazione mobili, auto e motociclo accessori ad alta precisione industria identificazione del prodotto, quali materie plastiche, dispositivi medici, materiali da costruzione e tubi.

### **Materiali applicabili:**

È adatto ad alta durezza della lega, prodotti galvanostegia, prodotti rivestimento, ABS, resina epossidica, prodotti a inchiostro rivestimento, ceramiche, tecnopolimeri, etc.



**[macchina di marcatura laser a fibra](#)**

## 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	750mmx 600mmx1400mm	750mmx 600mmx1400mm	750mmx 600mmx1400mm	750mmx 600mmx1400mm
Cooling system	Air Cooling	Air Cooling	Air Cooling	Air Cooling

Product Size



Side



立柱刻度: 45cm

Front



Carman Haas Laser Technology (Suzhou) Co., Ltd



European Design

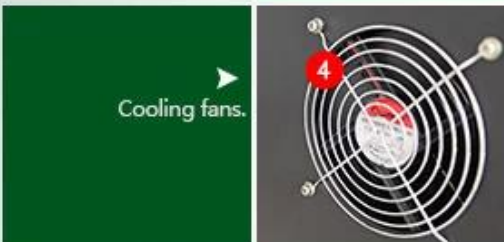
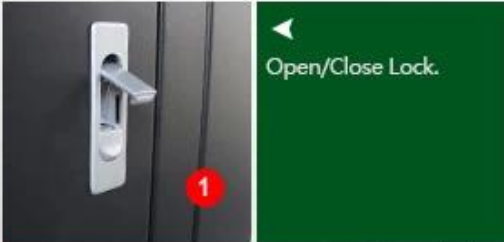
Safety Cover

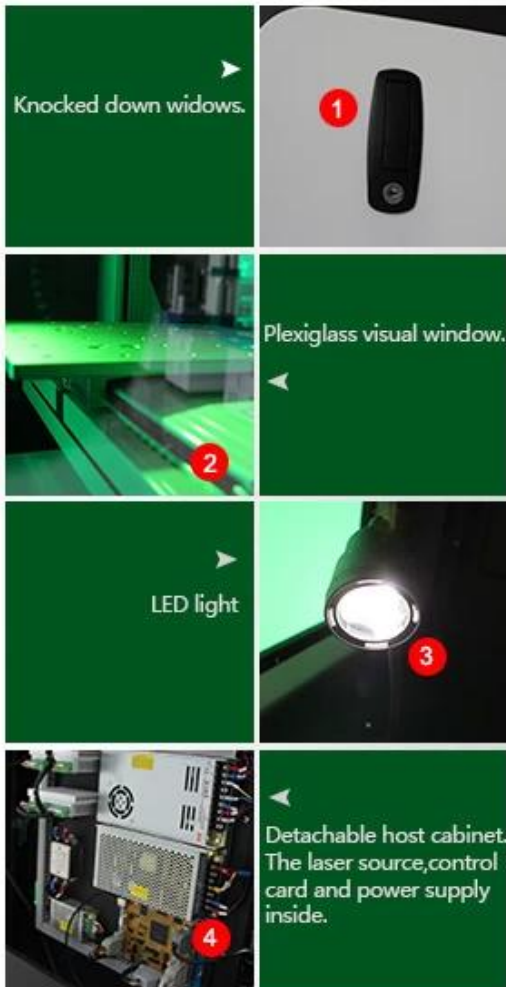
Stable Performance

Easy to Operation

Lifelong Free After-sale Service







**Fiber Laser Source:**  
Original Raycus/JPT /IPG optional.



**Control System :**  
EZ-CAD control system with stable performance and high reliability. Shield-utilizing part of complex functions,ensuring higher stability.



**Switching Power Supply :**  
EAdopt Taiwan "Meanwell " Brand. Stable performance. Professional technology and long lifetime.



## Appearance details



**Digital Galvanometer Scanning Head :**  
Fast speed ability <math>< 0.7\text{ms}</math>.  
Can realize high speed marking and  
high precision.



**Focus Mirror Lens:**  
Famous "Wavelength" Brand.  
Fast speed,High conversion rate.



**Red Light Pointer:**  
Adpot double red ligh pointer  
for high precision position.

## Factory & Certificato





# 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

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# 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	Un set in una custodia in legno
Dimensione del pacchetto singolo.	113x85x173cm
Peso lordo singolo	300Kg
Tempi di consegna	Spedito in 2-5 giorni dopo la ricezione del pagamento completo



### Lista imballaggio:

Nome dell'elemento	Quantità
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Macchina per la marcatura laser	Carmanhaas.	1 set
Corpo macchina	Completamente chiusa Cabinet	
Cavo di alimentazione CA (opzionale)	EU / USA / Standard nazionale	1 set
Strumento della chiave inglese		1 set
30 cm righello.		1 pezzo
Manuale d'uso		1 pezzo
Google protettivi laser	1064nm	1 pezzo