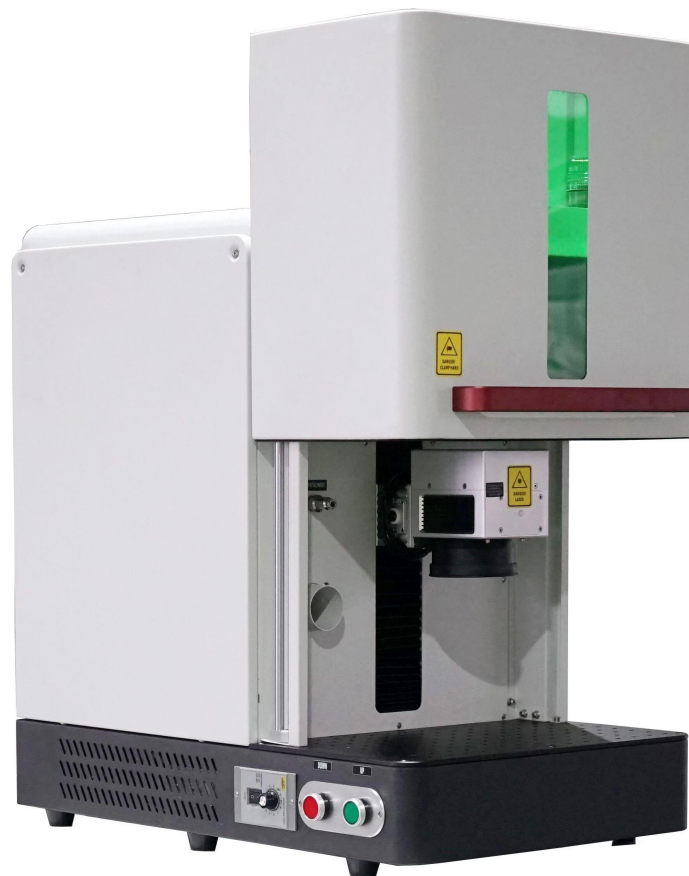


## Produktinformation

### Produktbeschreibung:

Die Carmanhaas Faserlaser-Markiermaschine verwendet einen hochintegrierten Faserlaser und ein Hochgeschwindigkeits-Scanning-Galvanometer. Die Ausgangsleistung ist stabil, der optische Modus ist gut und eignet sich für eine feine und präzise Markierung. geringe Größe, volle Luftkühlung, keine Verbrauchsmaterialien, wartungsfrei, um den Anforderungen industrieller kontinuierlicher Arbeit gerecht zu werden; Importierte oder inländische Laser können je nach Bedarf ausgewählt werden.



[China Fiber Desktop Laser Marking Machine Lieferant](#)

### Produktmerkmale:

- (1) Markieren Sie eine Vielzahl von metallischen und nichtmetallischen Materialien.
- (2) Berührungslose Verarbeitung, keine Beschädigung der Produkte, kein Werkzeugverschleiß, gute Markierungsqualität;

(3) Die Strahlqualität ist gut, der Verlust ist gering und der von der Verarbeitungswärme betroffene Bereich ist klein.

(4) Hohe Verarbeitungseffizienz, Computersteuerung und einfache Automatisierung

### **Anwendungsbranche:**

Weit verbreitet in transparenten Kunststoffschlüsseln, integrierten Schaltkreisen (IC), digitalen Produktteilen, Präzisionsmaschinen, Schmuck, Sanitärartikeln, Mess- und Schneidwerkzeugen, Uhren und Gläsern, elektronischen Bauteilen, Hardware-Zubehör, Hardware-Werkzeugen, Mobilkommunikationskomponenten, Auto- und Motorradzubehör Hochpräzise Produktidentifizierungsbranche wie Kunststoffprodukte, medizinische Geräte, Baumaterialien und Rohre.

### **Anwendbare Materialien:**

Es ist geeignet für hochharte Legierungen, Galvanikprodukte, Beschichtungsprodukte, ABS, Epoxidharz, Tintenbeschichtungsprodukte, Keramik, technische Kunststoffe usw.





[Lasergravurmaschinen zu verkaufen](#)

**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.

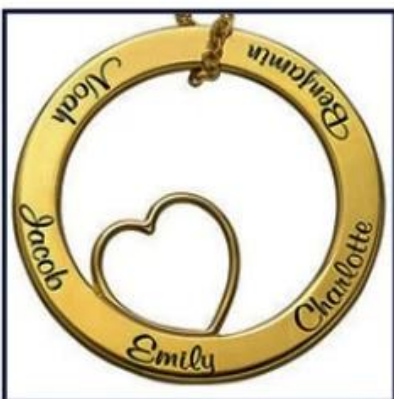
# Proben markieren



## The Kitchenware Industry



## The Jewelry Industry



■ The Car Industry



■ Other Industry



Fabrik & Zertifikat







# 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

## Verpackungsdetails

Verpackungsdetails	Ein Set in einer Holzkiste
Einzelpackungsgröße	80x90x58cm
Einzelbruttogewicht	90Kg
Lieferzeit	Versand innerhalb von 2 Tagen nach Erhalt der vollständigen Zahlung





**Packliste:**

Artikelname		Menge
Lasermarkiermaschine	Carmanhaas	1 Satz
Maschinenkörper	DESKTOP	
Fuß Schalter		1 einstellen
Netzkabel (optional)	EU / USA / Nationaler Standard	1 Satz
Schraubenschlüssel-Werkzeug		1 Satz
30cm Lineal		1 Stück
Benutzerhandbuch		1 Stück
Laserschutzbrille	1064 nm	1 Stück