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Carmanhaas 3D [□□□□ □□](#), [□□ □ □□□ □□](#) □□□ □□ □□□ □ 3 □□ □□ □□□□□□. □□ □□□ □□□□ □□ □ □□□ 3 □ □□ "3-AXIS" □ □□□□ □□□□□. □□ □□□□ □□□ □□ □□ □ □□□□□. □□□□ □ □□□ □□□ □ □□ □□□ □□□ □□□ □ □□□□. □□ □□. □□□ □□□ □□ □□□ □□ □□, □□ □ □□□ □□□ □□□ □ □□□□. □□□□ □□□□ □□ □□□ □□ □ □□□□. 3D □□ □□, □□□□, □□□□ □□ □□□□, □□ □□ □□ □ □ □□ □□□ □□□ □ □□□□.

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Fiber 3D Galvo Marking system  
Front dynamic focusing mode

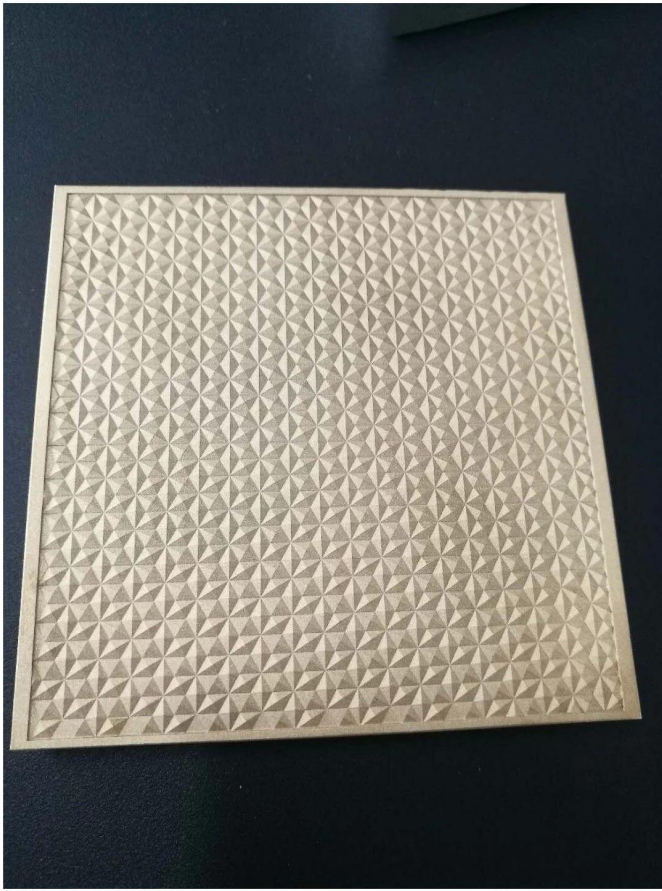


3D Galvo Back View



3D Galvo Side View



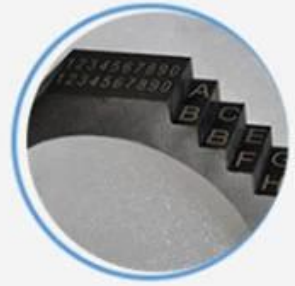


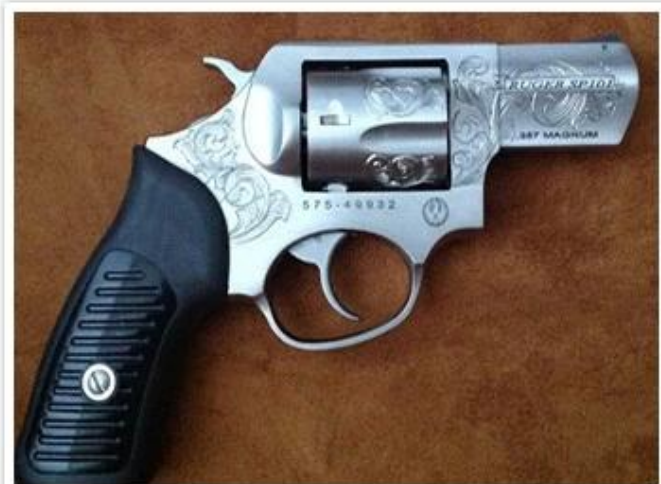
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P/N	P/N	LMCH-3DF20	LMCH-3DF30	LMCH-3DF50	LMCH-3DF100
Laser	Laser Output Power	20W	30W	50W	100W
	Wavelength	1064nm	1064nm	1064nm	1064nm
	Pulse Energy	1mJ@20kHz	1mJ@30kHz	1mJ@50kHz	1mJ
	Repeat accuracy	30k-6KKHz	30k-6KKHz	50k-100kHz	20k-200kHz
	Laser Source Life	>100,000 hours	>100,000 hours	>100,000 hours	>100,000 hours
Craft	Pointer Laser	633nm or 650nm	633nm or 650nm	633nm or 650nm	633nm or 650nm
	Marking Area	70x70mm/100x100mm/175x175mm/200x200mm/220x220mm/300x300mm			
	Deepening range	±20mm	±20mm	±20mm	±20mm
	Marking method	XYZ three-axis dynamic focusing			
	Minimum line width	0.03mm	0.03mm	0.03mm	0.03mm
Machine	Environmental requirements	Temperature: 10 ℃ -35 ℃ Humidity: 5% -75%			
	Input power	220V±10% , 50/60Hz 220V±10% 50HZ or 110V±10% 60HZ			
	cooling method	Air Cooling	Air Cooling	Air Cooling	Air Cooling
Software	operating system	WINXP/WIN7			
	Support style	True type font, AUTOCAD single line font, custom font			
	File type	PLT/DXF/DWG/SVG/STL/BMP/JPG/JPEG/PNG/TIF/DST/AI,etc			

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# Split Laser Marking Machine



Not included  
contact online service if you need it







# 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



## Accessories(free)





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- 3 請) 請 請 請。
- 4 請) 請 請 請 請 請 請 請。

請 請:

**Q1. 請 請?**

A1 : 請, 請 請 請 請 請 請 請 請 請 請 請。

**Q2. 請 請 請?**

A2 : 請 請 請 請 QC 請 請 請, 請 請 請 請 請 請 請 請 請 請 請。

**Q3. 請 請?**

A3 : 請 請 請 請 請 請 請 請。

**Q4. 請 請?**

A4 : 請 請 請 請 請 請 請 請 請 請, 請 請 請 請, 請, 請 請 請 請 請 請 請。

**Q5. 請 請 請 請 請 請?**

A5 : 請! 請 請 請 請 請 請 請 請 請 請。

**Q6. 請 請 請?**

A6 : 請, 請 請 請 請 請 請。

**Q7. OEM 請 ODM 請 請 請?**

A7 : 請 請 OEM / ODM 請 請 請 請 請。請 請 請 請 請 請 請 請。

**Q8. 請 請 請 請?**

A8 : T / T 請 請 請 請 請 請 請 請 請 請 MOQ 請 請 請。

請 請:

- (1) 請 請 請 請 DHL, UPS, FedEx, TNT, EMS 請 請 請 請 請。
- (2) 請 請 請 請 EXWork, FOB, CNF, CIF By Air 請 Sea by 請 請 請 請 請 請 請 請 請 請。