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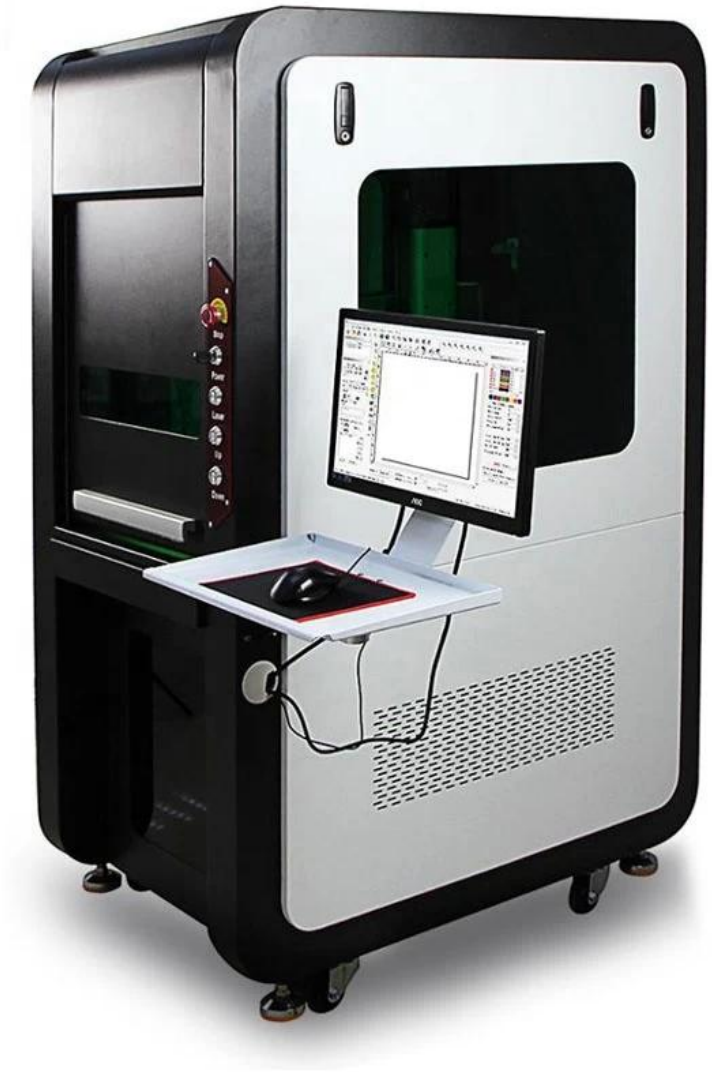

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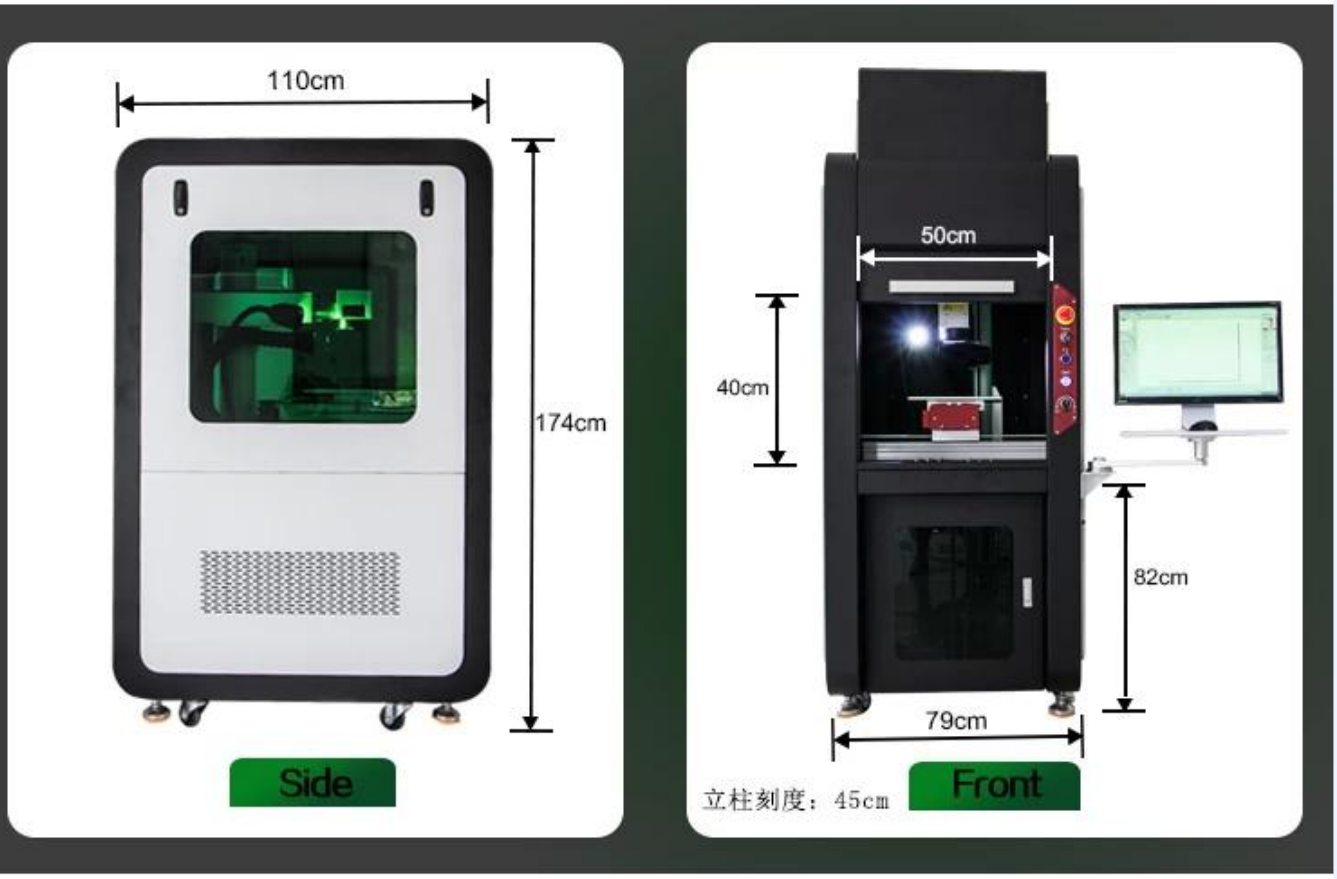
Technical Parameters:

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



Carman Haas Laser Technology (Suzhou) Co., Ltd
Safty Cover
European Design
Stable Performance
Lifelong Free After-sale Service
Easy to Operation

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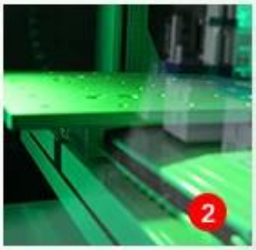
4
Open/Close Lock.
Gas Exhaust System
English Warnings.
Cooling fans.

Knocked down widows.



Plexiglass visual window.

LED light

Detachable host cabinet. The laser source,control card and power supply inside.

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

Grasp the handle and gently lift it up to open the closed cover of the worktable.

Button:
"Stop" "Power" "Laser" "Up/Down"

360 degree rotary displ -ay operating floor.Can adjust the angle freely.

turn on / off the host's door lock.

Field mirrors and galva -nometer head.

Optional Electric XY Movable Table

Digital Galvanometer Scanning Head :
Fast speed ablity <0.7ms.
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.

[illegible]

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	: **Carman 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. 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 www.udem.com.tr

ISO 9001

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 ZhongLianTianRun 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)

SCC Accredited CB-MS
OCSM
Accrédité CCN
Accredited CB-MS
(Certification Body – Management Systems)

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
IAF

Beijing Zhongliantianrun Certification Center
ISSUED BY

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

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