

Información del Producto

Descripción del producto:

La máquina de marcado láser de fibra Carmanhaas adopta un láser de fibra altamente integrado y un galvanómetro de exploración de alta velocidad. La potencia de salida es estable, el modo óptico es bueno, adecuado para el marcado fino y preciso; tamaño pequeño, refrigeración por aire completo, sin consumibles, sin mantenimiento, para satisfacer las necesidades del trabajo continuo industrial; los láseres importados o nacionales se pueden seleccionar según los requisitos.

Características del producto:

- (1) Marque una variedad de materiales metálicos y no metálicos.
- (2) Procesamiento sin contacto, sin daños a los productos, sin desgaste de herramientas, buena calidad de marcado;
- (3) La calidad del haz es buena, la pérdida es baja y el área afectada por el calor de procesamiento es pequeña.
- (4) Alta eficiencia de procesamiento, control por computadora y fácil automatización
- (5) El software de marcado es compatible con archivos de Coreldraw, AutoCAD, Photoshop y otro software
- (6) Compatible con PLT, PCX, DXF, BMP, etc., puede usar directamente la biblioteca de fuentes SHX, TTF.
- (7) Admite codificación automática, número de serie de impresión, número de lote, fecha, código de barras, código QR, salto automático de número, etc.



Aplicación del producto:

*** Materiales aplicables:**

La máquina de marcado láser de fibra es adecuada para todo tipo de metal, plástico industrial, galvanoplastias, materiales recubiertos de metal, gomas, cerámicas, etc.

*** Industria aplicable:**

Esta máquina de marcado láser de fibra se usa ampliamente en botones móviles, botones transparentes de plástico, piezas electrónicas, circuitos integrados, herramientas, productos de comunicación, productos de baño, accesorios para herramientas, gafas y relojes, joyas, decoración de botones para cajas y bolsas, cocinas, productos de acero inoxidable y pronto.

Parámetros técnicos:

P / N	LMCH-20	LMCH-30
Potencia de salida láser	20W	30W
Longitud de onda	1064nm	1064nm
Haz Calidad M2	□ 1.3	□ 1.3
Frecuencia láser	20kHz ~ 200kHz	30kHz ~ 200kHz
Área de marcado	70 * 70 mm 110 * 110 mm 150 * 150 mm 175 * 175 mm	70 * 70 mm 110 * 110 mm 150 * 150 mm 175 * 175 mm
Profundidad de marcado	≤1mm	≤1.5mm
Poder total	800W	800W
Ancho de línea mínimo	0.03mm	0.04mm
Repetir la precisión	± 0.0001 mm	± 0.0001 mm
Electricidad	220 ± 10%, 50 / 60Hz, 2.5A	220 ± 10%, 50 / 60Hz, 2.5A
Sistema de refrigeración	Aire acondicionado	Aire acondicionado

[Máquina de marcado láser al por mayor](#)



Producto 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.

Calificación Muestras:

The Kitchenware Industry



The Jewelry Industry



■ The Car Industry



■ Other Industry



Fábrica y certificado





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. 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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E-mail: info@udemltd.com.tr 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

Detalles de empaque

Detalles de empaque	Un juego en una caja de madera.
Tamaño de paquete individual	Los 80x78x34cm
Peso bruto individual	60kg
El tiempo de entrega	Enviado en 2 días después de recibir el pago completo



Lista de empaque:

Nombre del artículo		Cantidad
Máquina de marcado láser	Carmanhaas	1 juego

Cuerpo de la máquina	Portátil	
Interruptor de pie		1 juego
Cable de alimentación de CA (opcional)	UE / EE. UU. / Norma nacional	1 juego
Herramienta llave		1 juego
Regla de 30 cm		1 pieza
Manual de usuario		1 pieza
Gafas de protección láser	1064nm	1 pieza