



20W 30W 50W 100W Fiber Laser Marking Machine For Sheet Metal

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: genuo
- Certification: M.2019.206.C3862
- Model Number: GLW -20w/30w/50w/100w
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: carton box
- Delivery Time: 90 days
- Payment Terms: L/C, T/T, D/P, D/A
- Supply Ability: 1 Set/Sets Every 15~35 days



Product Specification

- Product Name: Fiber Laser Marking Machine
- Application: Stainless Steel Sheet Metal Plate
- Laser Type: Fiber Laser
- Voltage: 220V/380V/415V/440V/customized
- Machine Color: Customer Choose
- Main Motor: 2 KW/3KW/5KW
- CNC Or Not: CNC Controller
- After-sales Service Provided: Online Support Video Technical Support
- Core Selling Point: Convenient And Affordable
- Value-added Services: Presented Two Years Warranty
- Control Software: EZCAD
- Cooling Method: Air Cooling
- Highlight: 100W Fiber Laser Marking Machine,
20W Fiber Laser Marking Machine,
50W laser marking machine for metal



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► GLM Series

Laser Marking Machine

FIBER LASER TYPE

High precision | Good stability | Fast speed



Genuo fiber laser marking machine, small spot size, high beam quality, large lens, in addition to faster speed, better accuracy, high stability, suitable for deep engraving or etching, is the ideal choice for batch marking of small parts.

Laser marking machine is a device that uses a laser beam to create permanent marks on a variety of materials. The process involves directing a high-power laser beam to the surface of a material, which causes the material to melt, vaporize, or discolor, and the machine also allows for automated and high-speed processing, often using lasers that use oscillators, scanning mirrors, and focusing lenses.

Today, the laser marking machine has been more improved, more general laser marking technology, not only accurate, environmentally friendly, but also more cost-effective. Fiber laser marking machines are among the most powerful laser marking machines available today, and these solid-state lasers range in power levels from 20 watts to 100 watts, making them ideal for marking metal materials.

→ **Product Configuration:**

Standard Equipment:

- < Raycus/Max laser source
- < Shengketai/Sino-Galvo galvanometer
- < JCZ laser marking control card, EzCard software
- < High performance computer host and LCD display
- < Wooden case packing

Feature:

- < Control card with rotating chuck function
- < Electric height adjustment
- < Two-dimensional table and built-in rotation
- < Brand laptop
- < Customizable countertop size

— Product Description —



FIBER LASER

Main function: Provide laser source
High stability and maintenance free
Long light time and high service life
A variety of laser brands to choose

GALVANOMETER SCANNING SYSTEM

Main role: Quickly scan and mark action execution. High precision, high speed, smooth operation.
It has a wide range of applications, can be vector marking and dot matrix marking, and has strong adaptability to the environment

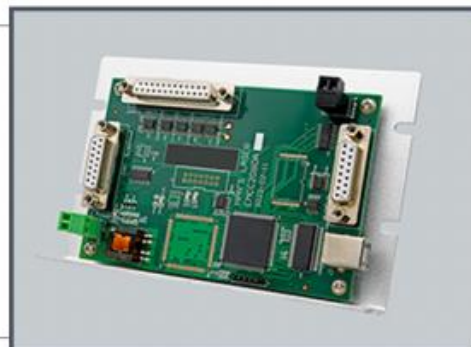


F-THETA LENS

Main function: The focused beam incident on the detector makes the non-uniform illumination on the detector photosensitive to be uniform. The core component of laser marking machine. Better focusing, more accurate, longer life.

CONTROL BOARD

Main function: to achieve high precision marking processing.
Motherboard adopts new high-quality chip, high compatibility. Strong computing ability and data processing ability, with a huge database resources, improve processing efficiency, good scalability



RED LASER POINTER

Main function: Used to indicate the



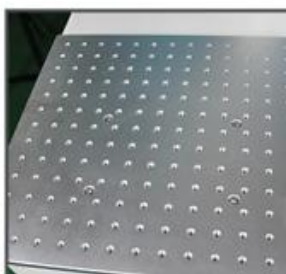
optical path, focus positioning.
The Laser pointer is installed in the red light beam frame.
Select the corresponding power according to the distance to be detected

LIFTING COLUMN SCALEPLATE

Main function: up and down accurate adjustment of focal length, focus position
Scaleplate can accurately adjust the height by lifting the handle, and the focus position can be conveniently adjusted for a more perfect print effect. Wear resistant insulation material, long service life



Machine Introduction



Work Platform
Oversized workbench
with hole positioning

Control Panel
Humanized control switch,
autonomous control

Main Control Cabinet
Safe and convenient,
no maintenance

— Scene Application —



METAL



GLASS



PLASTIC



CERAMIC



BOARD



Electronic
Accessories



Auto parts



Food
Packaging



Circuit
Cable



Custom
jewelry

— More Model Options —



Fiber Optic Portable



Fiber Optic Flight



Desktop Integrated



Fiber optic handheld

- Technical Specifications -

Fiber Laser Marking Machine				
Model	GLM-20W	GLM-30W	GLM-50W	GLM-100W
Marking Area	110X 110mm(4.3X43in)	Optional		
	150X 150mm(5.9X59in)			
	175X 175mm (6.9x6.9in)			
Maximum Material Thickness	300mm(11.8in)(at)110x 110mm			
	250mm(9 Bin)(at)150 X 150mm			
	206mm(8.1in)(at)175X 175mm			
Laser Type	RAYCUS/IPG/JPT Optional			
Repetition Rate (Frequency)	20-80kHz(at)RAYCUS			
	1-400kHz(at)JPT			
	1.6-1000kHz(at)IPG			
Output power adjustment range	10%-100%			
Marking Speed	≤7m/s(275. 6in/s)			



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