



GEM 20W Fiber laser marking Machine

GEMJB-F20



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A Legend Laser machine Manufacture & Solutions

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OVERVIEW

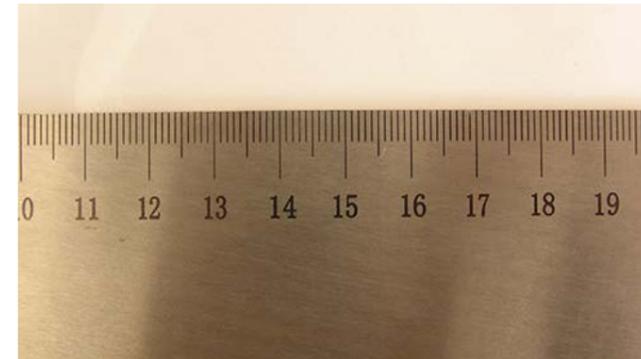
20W Fiber laser marking Machine GEMJB-F20 is a new generation of laser marking system developed by our company using the advanced laser technology in the world today. Using fiber laser transmission.

After the laser is out, the marking system is realized by the high-speed scanning galvanometer system. The optical fiber laser marker has high electro-optical conversion efficiency and is cooled by air cooling

The beam quality is good and the reliability is high. It can engrave metal materials and some non-metal materials, and adopt integral whole structure, without optical pollution, power coupling and loss

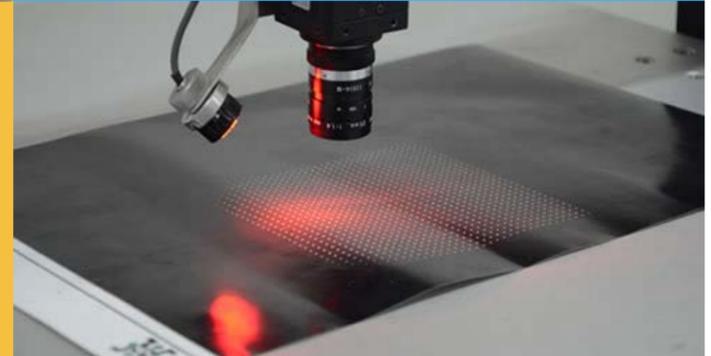
Air cooling, with high efficiency, long life and less maintenance.

Product Advantage



Perfect Marking Effect
Can mark precise design on tiny surface
Known as the “King of Marking”

High Electro-optic Conversion Efficiency
Little energy coupling loss, cost saving,
long service life, maintenance-free
within 100,000 hours



Long Life and Easy Maintenance
20 times service life than traditional
machine, decrease maintenance greatly.

Integrated Structure
Small and compact size, less occupied
area, easy transportation



FEATURES

Fiber laser marking is currently the world's most advanced laser marking products, its main features are as follows: no water-cooling device, smaller volume and convenient installation; maintenance free, more stable and reliable work; no consumables, low power consumption, more energy-saving; marking more clear and beautiful smooth, fine, require a higher degree of depth on the field, (such as the mold industry, bitmap marking industry) has irreplaceable advantages.

- The beam quality is good, suitable for more fine marking.
- Compared with the pump laser marking machine and the semiconductor laser marking machine, the utility model has the advantages of no water cooling, no wearing parts, and low running cost.
- Small size, easy installation.
- Maintenance free and high reliability.
- The control cabinet and frame are made of aluminum alloy profiles. The control panel and the industrial computer are integrated into one body, and the utility model is beautiful and high-grade.
- The marking workpiece needs no clamping and positioning, so it is convenient to load and drop materials.
- Marking software has been issued by the State Copyright Administration of computer software copyright registration certificate. Strong function, easy to operate and easy to use.

APPLICATIONS

Suitable for printing more precise mark on the parts of various materials. The marking content can be the product model, production date, serial number or various trademark patterns, bar codes and two-dimensional codes, etc..

- 1、 electronic and communication products: integrated circuit chip, wire and cable, computer keyboard, mobile phone panel, etc..
- 2、 instrument and meter: panels, signs, precision instruments, etc...
- 3, all kinds of precision parts: auto parts, aerospace devices
- 4: Hardware Tools: cutter, tools, measuring tools, etc.
- 5, daily use: jewelry, handicrafts, zippers, clothing, leather, tableware, sanitary ware and so on.
6. Food, beverage and alcohol and tobacco industries

Specification

Model No.	GEMJB-F20 laser marking machine
Power of Laser output	20W laser marking machine
Laser wavelength	1064nm
Repeating frequency	0-100KHz
Light beam quality	<2
Carving range	110mm×1100mm~175mm*175mm
Carving depth	0.01-0.15mm
Carving line speed	≤7000mm/s
Minimum line width	0.01mm-0.1mm
Repeating precision	±0.001
Power supply	220V/50Hz
Power consumption	1000W
Operating system	WinXP/Win7/Win8/Win10/OS
Cooling method	Inbuilt air cooling
Control interface	Standard USB
File format	All fonts/characters in characters library of WINDOWS
Overall dimension	1188mmx600mmx1320mm

LASER MARKED SAMPLES

