HBS-GQ-30

FIBER LASER MARKING MACHINE 30W

Technical Parameter	
Model	HBS-GQ-30
Laser Power	30W, 50W
Laser Wavelength	1060nm
Beam Quality	<1.5
Laser Repetition Frequency	≤100KHz
Marking Area	110mm x 110mm
Making Depth	≤1.2mm (Adjustable with different materials)
Marking Speed	≤12000mm/s
Min. Line Width	0.01mm
Min. Character Size	0.05mm
Repetition Precision	±0.001mm
Power Consumption	≤500W
Power Supply	220V/50Hz/10A
Cooling method	Air cooled

Optional Lens

Focal Length	Marking Area
100mm	65mm x 65mm
250mm	175mm x 175mm

Packing

Size(mm)	855X1000X1170 (Machine head: 530X220X660, table: 600X700X750)
N.W.(kg)	70 （Machine head: 13.5, table:56.5）
G. W.(kg)	140

Product Introduction

Fiber Laser Marking Machine is the latest generation of laser marking system, resulting from our own research using the world's most advanced laser technology.

Adoption of fiber laser system for outputting laser, and then achieve marking functions by high-speed scanning galvanometer mirror system.

The electro-optical conversion efficiency of fiber laser marking can reach to 90% or above, it has higher beam quality in comparison to semiconductor laser marking machine.

The machine is designed for long-time maintenance-free.

Product Features

- Extremely fast, with high-speed galvanometer.
- Small volume, light weight.
- No consumables, low power consumption, less than 500W.
- Completely air cooled, do not need water chiller, lower power consumption.
- Robust under harsh environment and temperature change, can operate with batteries or supply from automobile cigarette lighter in case of power failure.
- Low product depreciation cost. Ability to meet customers' mass and stable production.

Product Application

- The machine is assembled with fiber laser from Germany or Britain, or RAYCUS. The working time can reach 100,000 hours or above, competent in different work locations.
- Fiber laser marking machines are used in a wide variety of applications such as in the marking of gold, silver diamond and other jewelries, sanitary tools, food packaging, tobacco packaging, beer and beverage packaging, pharmaceutical packaging, medical equipments, watches & glassware, automotive parts, plastic & paper material, electronic hardware, gold bullion, and also in other areas such as aviation, aircraft manufacturing, projectile body and explosion proof materials.

(2000CPS).

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HBS-GQ-20

FIBER LASER MARKING MACHINE 20W

Technical Parameter	
Model	HBS-GQ-20
Laser Power	20W, 30W, 50W
Laser Wavelength	1060nm
Beam Quality	<1.5
Laser Repetition Frequency	≤100KHz
Marking Area	110mm x 110mm
Making Depth	≤1.2mm (Adjustable with differentmaterials)
Marking Speed	≤12000mm/s
Min. Line Width	0.01mm
Min. Character Size	0.05mm
Repetition Precision	±0.001mm
Power Consumption	≤500W
Power Supply	220V/50Hz/10A
Cooling method	Air cooled

Optional Lens

Focal Length	Marking Area
100mm	65mm x 65mm
250mm	175mm x 175mm

Packing

Size(mm)	855X1000X1170(machinehead:530X220X660, table:840X600X760)
N.W. (kg)	72(machine head: 13.5, table: 58.5)
G.W.(kg)	140

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