Adopt Germany IPG Technology

Portable Fiber Laser Marking Systems (HS-FL20/HS-FL30)

Features & Benefits

- Easy focus height indication
- Led light focus
- Increased savings with low power consumption
- Eco-friendliness helps combat environment damage
- Offers increased flexibility and convenience
- Marks perfectly accurate characters in very small areas
- High-speed Galvo scanner results in a 20% speed increase
- Advanced laser generation offers greater output stability
- Reliability
- Ability to work 24/7 continuously
- Superior quality laser module (working life 50000 – 100000 hours)
- No fear of shock during operation
- Standard CE certification eliminates all risk for users
- Efficient water cooling system
- The high-speed flow pump offers working stability
- Improved efficiency
- Foot switch
- Diode cluster
- Air-cooled fans draw air through

Fiber Laser Technology

The laser generator contains a Fiber Bundle that is doped with Ytterbium, and light emitting diodes are then pumped into it. The laser light is then fiber delivered to the optical head that consists of a beam expander, collimating optics and back reflection protection. The laser generator is the world's most advanced laser generator. The machine is superior in many ways. It is robustly designed for long-term use. The material is designed for durability and cost-effectiveness. The Laser Generator Life depends on material.

Applications & Materials

- µSpecially treated surfaces (anodized aluminum, phosphating, electroplating etc.)
- µAll types of metal oxides
- µAll metals and alloys (iron, copper, aluminum, magnesium, zinc etc.)
- µRare metals and alloys (gold, solver, titanium etc.)

Maintenance

- Windows XP ,7.8.10 /AI, PLT, DXF, DST, BMP, JPG, JPEG, PNA, TIF etc.
- EZCAD (PC required)

Specifications & Parameters

- Power Output: 20W (HS-FL20) / 30W (HS-FL30)
- Laser Type: Fiber laser
- System / Compatible Formats: Windows XP ,7.8.10 /AI, PLT, DXF, DST, BMP, JPG, JPEG, PNA, TIF etc.
- Laser Generator Life: 50000~100000 hours
- Operation Temperature: 10-35°C
- Cooling: Water cooling
- Power Supply: AC220V±10% 50Hz or AC110V±10% 60Hz
- Mini Line Characters: 0.01mm
- Mini Line Width: 0.2mm
- Marking Depth: ≤0.15mm
- Frequency Of Pulse: 20-80KHZ
- Wave Length: 1064±10nm
- Marking Speed: ≤7000mm/s
- Optional Marking Area: 175mm x 175mm / 200mm x 200mm
- Standard Marking Area: 110mm x 110mm
- Laminating: 203mm
- Laminating: 422mm
- Laminated: 451mm

Tool Accessories

- Precision Equipment
- Brass
- Commodity
- Plate Surface
- Pvc Pipe
- Electrical Applicances
- Integrated Circuits(IC)
- Electronic Components
- Rare Metals
- Zinc
- Aluminium
- Copper
- Alloy

Address:

No.1524 Xinian Center,No.811 Yinxiu Road,Binhu district,wuxi city,Jiangsu,china.

Tel: +86-85111162  Cell No: +86-15061477073    Email: info@heat sign.com

http://www.heatsign.com/