LASER

HN-FLM30
TECHNICAL SOLUTION

Supplier: Gentronics
Buyer:

TECHNICAL FILE

Fiber Laser Marking Machine

Model: HN-FLM30

1. Introduction

Fiber Laser Marking Machine is the most advanced marking machine in the world. It replaced the traditional outdated technology, such as screen printing, corrode, die stamping, etc.

2. Tech Data

MACHINE MODEL	HN-FLM30
LASER POWER	MAX 30W
LASER WAVELENGTH	1064nm
LASER UNIT USING LIFE	100,000 hours
MARKING AREA	200*200mm
MARKING SPEED	≤7000mm/s
MARKING DEPTH	0.01-0.15mm
MIN. LINE WIDTH	0.01mm
MIN. CHARACTER HEIGHT	0.015mm
REPEAT ACCURACY	±0.002mm
GRAPHIC INPUT FORMAT	PLT/DXF/BMP/AI AI/PLT/DXF/DST/SVG/NC/G/GBR
POWER SUPPLY	220V 50HZ
POWER CONSUMPTION	680 W/ hour
COOLING	Built-in intelligent temperature control, Circulating air cooling system
POSITIONING	Visible red power
OPERTAION TEMPERATURE	10℃—35℃
HUMIDITY	5% to 75% (no condensation)
OVERALL SIZE	675*760*1450mm
WEIGHT	80KG

3. Fiber Laser Marking Machine Features:

- Fiber laser power output stable, light spot quality high;
- Marking speed high, 2-3 times of traditional marking speed, no limit on OS, easy operation, full closed light path, stable and reliable,maintenance free.
- Long life time, up to 100000 hours.
- No pollution, no noise, no fast consumed parts. Power consumption is 5% -10% of traditional marking machine. Overcome the disadvantages of high reflection material harmful to laser source, can mark on any metals;

- Control software adopt Windows OS, compatible with files output from Coredrw, Auto CAD, Photoshop, support the most used drawing file format such as PLT, DXF, PCX, BMP, etc.

4. Fiber Laser Marking Machine Application:

Applied in industries such as Laptop, IT, Mobile phone, Electronics components, Precise parts, Clock and Watches, Electronics Communications, Auto parts, Precise metal products, Electric appliance, Glasses, Instruments, Craft gifts, etc.

5. Packing: one plywood case/set.

Content	Dimension	Gross Weight
Main machine and accessories	98*80*118CM	115KG

6. Cutting Samples:

Cutting video in another file.