

MF20-B-A Fiber Laser Marker



Package box marking



Metal bottle marking



Flashlight marking



Wine bottle security code marking



Parts marking

Features

1. The fiber laser generator has superior laser beam and uniform power density. Stable laser output. This design highly increase the machine's anti-reflection ability, be able to mark on aluminum, copper, gold and silver without the shadow and virtual open phenomenon.
2. Adopts advanced high speed digital galvo scanner, small volume, quick speed, good stability.
3. Modular design, separate laser generator and lifter, more flexible, can marker on bigger area and complicated surface.
4. Adopt the embedded operating system, which the performance is leading domestic peers, good touch interface and powerful Control system, can meet the demand of most industry application process in market.
5. Adopt special flying marking control system, with good performance and easy operation.

Specification

Laser wavelength	1.06μm	Laser case dimension	450mm X 210mm X 380mm
Light spot quality	<1.4 m²	Lifter dimension	730mm X 450mm X 1350mm
Laser power	20 W	Laser case weight	25 kg (approximately)
Impulse frequency	20~80 KHz	Lifter weight	50 kg (approximately)
Cooling method	Air cooling	Working environment	Clean, less dust Temp: 10~ 30°C, Humidity: 5~85%
Marking area	110mmX110mm (optical: 70mmX70mm / 175mmX175mm)	Total power	1 Kw
Focal distance	163mm (100mm / 254mm)	Laser safety level	4
Working distance	188mm (120mm / 280mm)	Adjustable height direction (upper surface)	550 ~1200 mm
Minimum line-width	0.02mm	Adjustable height direction (side)	400~1500 mm
Minimum character	0.2mm	Front and back direction	0~200 mm
Speed	0~7000 mm/s	Adjustable distance	0~200 mm
Graphic format supported	bmp, jpg, ai, dxf, plt etc.	Marking angles	Any angles
Voltage	AC220V±10%		
Frequency	50/60 Hz		

Material

plastics, cast iron, stainless steel, magal, zinc alloy, cooper, nickelage, galvanization, aluminium oxide etc.