

# 20W MOPA(400) Laser Marker

## Product Description

Laserwares makes high precision, high performance, turn-key MOPA laser system for engraving/markings on to almost any type of materials, including but not limited to brass, stainless steel, carbide, titanium, aluminum, other alloys, silicon chips, and plastics. Ideal for a wide range of industries and integration applications.

It provides over 10000 hours of maintenance free fiber laser engraving/markings, of the highest quality.



## Features

- High Performance
- Turn-Key System
- High Beam Quality
- Wide Frequency Range
- Compact Size

## Applications

- Industry Marking
- Car Parts
- Arts
- Metal Marking
- Plastic Marking

## Performance Specifications

20W Laser Marker	Specification	Unit
Operation Wavelength	1064	nm
Nominal Output Power	20	W
Marking Depth	0.01-0.2	mm
Max. Marking Speed	7000	mm/s
Marking Area <sup>1</sup>	100x100	mm
Min Line Width	0.01	mm
Repeatability Precision	0.005	mm
Longtime Power stability	<5	%
Beam Quality	<1.3	M <sup>2</sup>
Polarization	Random	
Maximum Pulse Energy	0.66	mJ
Full Power Repetition Rate Range	30-400	kHz
Pulse Repetition Rate Range	1-400	kHz
Pulse Width	200	ns
Power tunable Range	5-100	%
Operating Voltage	110	V
Cooling	Air	
Operating Temperature	0-40	°C
Storage Temperature	-10-60	°C
Weight	55	KG

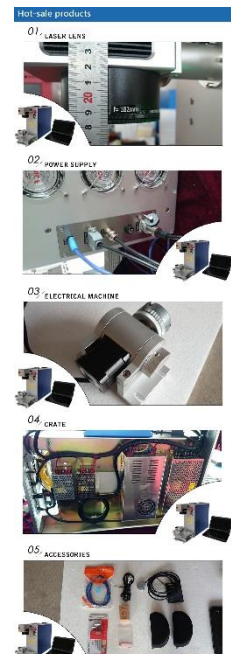
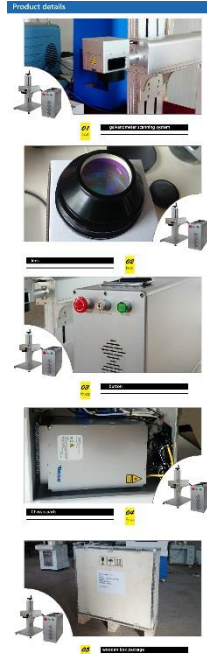
Note:

1. 150x150mm/200x200mm/300x300mm optional.
2. Higher power available



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## Ordering Information: LWLM-20MC-400

## Accessories:



**BUREAU  
VERITAS**