

## Main Features of [color laser marker machine](#)

1. Updating to 3th-generation laser marking machine.
2. High quality laser path suitable for delicate marking. Reaching nearest to the limit of diffraction.

Exporting TEMOO of fundamental transverse mode. M2 near to 1. Beam divergence angle is only 1/4 of diode laser. Focus dot diameter is not over 20 um.

3. High pulse repeating rate and stable power bring high speed laser marking. Unit pulse power surge is lower than 1%. Easy control laser dot size, thickness and shape.
4. High speed 2-3 times over than traditional diode pumped marking machine.
5. Air-cooling smart machine size.
6. Long lifetime. Ultra-low power consumption of 0.5 kw.Efficiency conversion reach to over 30%.
- 7.Color marking.

### Applicable Materials:

leather, wood, textiles, plastics, acrylic, glass, crystal, stone, MDF, dual-color board, organic glass, paper, jade, agate, stainless steel, aluminum and other metal surface marking.

## Technical parameters of color laser marker machine

Type	20w color laser marking machine
Laser Power	20W
Laser Wavelength	1064nm
Marking Area	110*110mm/200mm*200mm/300*300mm
Lifting range	50cm or customized
Laser source brand	MOPA

Laser source lifetime	≥100,000 hours
Marking Line Width	0.01-0.1mm
Marking depth	<1mm(depending on the material)
Max Marking Speed	7000mm/s
Repeatable Accuracy	0.001mm
Min Letter	0.15mm
Cooling System	Air Cooling
Modulation Frequency	20kHz~200kHz
Working Voltage	AC220V/110V
Unit Power	<0.5kw
Software	Ezcad (in English)
Packing size(L*W*H)	84*40*74cm/76*92*114
Gross weight	72kgs/127kgs

### color laser marker machine Main Parts:

1.Fiber laser marking machine Chamber,compact and safe.



**2.High speed scanning galvo mirror.**



**3.Various lens for different marking**



#### 4.MOPA fiber laser source.



#### [color laser marker machine](#) samples:

