



## Portable Fiber Laser Marking Machine

AM-P Series

SAFETY  
LEVEL

AESTHETICS

COSTING

- ◆ The industrial laser marking machine uses the fine manual focusing system, the operation structure is simple and convenient.
- ◆ The isolation layer is used to protect the imported fiber laser, which effectively improves the stability and prolongs the service life of the laser.
- ◆ The laser beam maintains the highest quality both inside and outside, which is better than the traditional laser marking.
- ◆ The fiber laser has a laser beam focal spot less than 200um in diameter, an expansion angle of 1/4 more than YAG-DP, resulting in amazing performance when marking small and delicate tags.
- ◆ The ratio of the input electrical power to the output optical laser power is very large, the total power consumption is less than 500W, which accounts for 1/10 of the power consumption of YAG laser.
- ◆ Fiber laser marking machine small size, long service life, maintenance-free, suitable for any work environment.
- ◆ It performs very well in fast marking, which is three times faster than traditional marking.
- ◆ Support CorelDraw, AutoCAD, Photoshop and PLT, PCX, DXF, BMP, SHX, TTF marking formats, and with serial number, batch number, date, bar code and other automatic coding functions.
- ◆ Excellent performance, good stability, high conversion rate, low energy consumption.

## Components

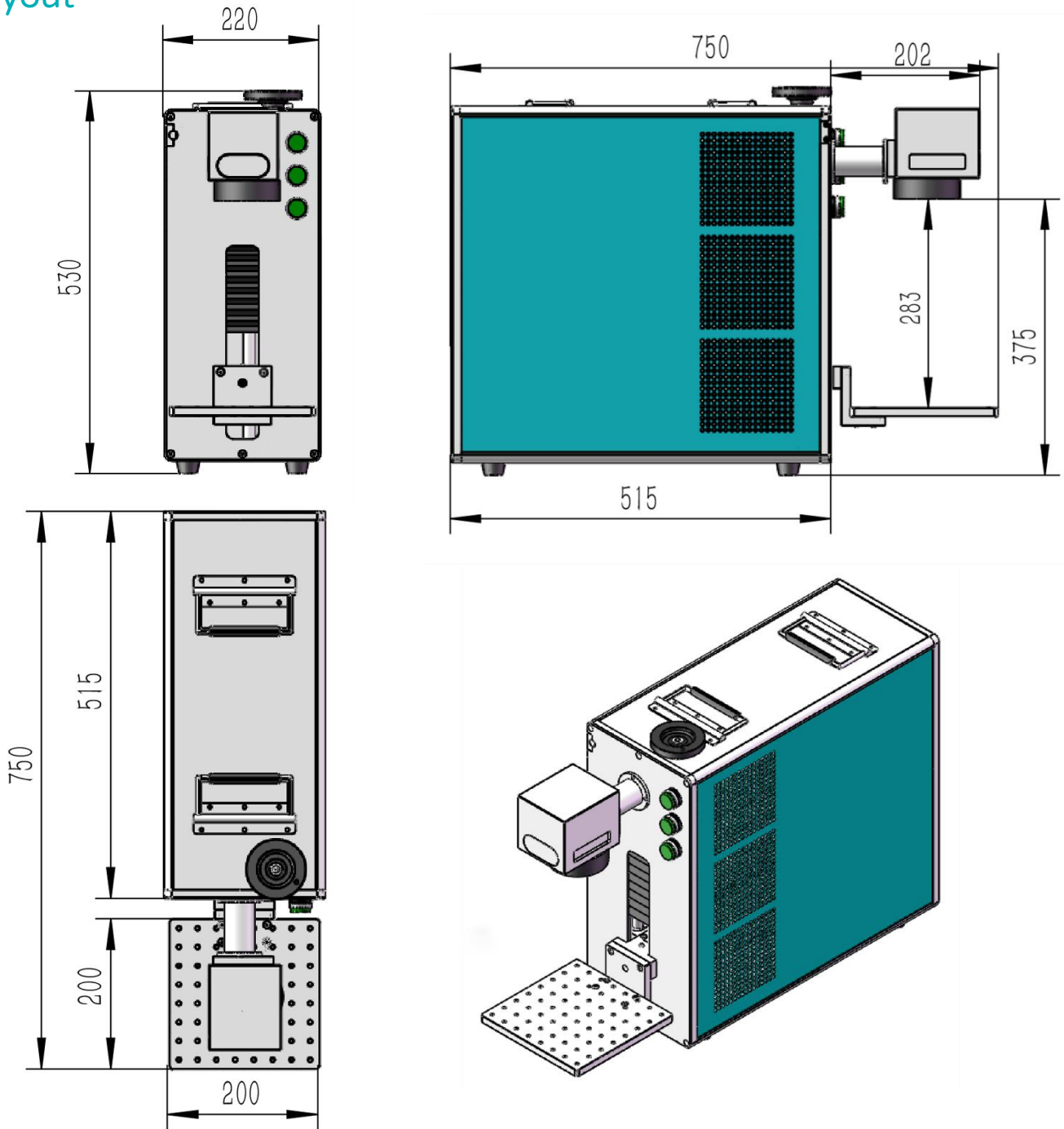


## Specifications

Model No.	AM-P Series
Laser Power	20W/30W/50W/100W
Laser Wavelength	1065±10nm
Q-Frequency	20KHz~100KHz
Divergence	0.3mrad
Marking Range	110mm*110mm
Optional Range	175mm*175mm / 300mm*300mm
Minimum Line Width	0.01mm
Minimum Character	0.15mm
Marking Speed	10000mm/s
Marking Depth	0.01~0.5mm
Resolution Ratio	0.1 mm
Engraving Line Speed	7000mm/s
Repeatability Accuracy	±0.001mm
Beam Quality	M2: 1.2~1.8
Marking Format	Graphics, text, barcode, QR code, auto-mark date, batch number, etc.
Graphic Format Supported	bmp, jpg, gif, tga, png, tif, ai, dxf, dst, plt, etc.
Working Voltage	110V/220V±10% 50/60Hz
Unit Power	0.5kw
Working Environment	Clean or Dust free
Operating Temperature	5°C-40°C
Working Humidity	5%-75% no condensed water
Laser Module Life	100000 hours
Gross Weight	60kg



## Layout



## Samples

