



## Desktop Fiber Laser Marking Machine

AM-D Series

SAFETY  
LEVEL

AESTHETICS

COSTING

- ◆ Compact: high-tech products combining laser equipment, computer, automatic controller and precision machinery.
- ◆ High Precision: repositioning accuracy is 0.002mm.
- ◆ High Speed: Imported scanning system, scanning speed up to 8000mm/s ~ 15000mm/s.
- ◆ Easy to Operate: support specific Windows-based marking software, real-time adjustment of laser power and pulse frequency.
- ◆ Import and export via computer editing in specific markup and drawing software such as AutoCAD, CorelDRAW and Photoshop.
- ◆ High Reliability: MTBF> 100,000 hours.
- ◆ Energy Saving: photoelectric conversion efficiency up to 30%.
- ◆ Low Running Cost: no wear parts, no maintenance.
- ◆ Simple Color Marking: the Best F-theta Lens and the highest quality laser light source, to achieve the best performance of stainless steel color marking.

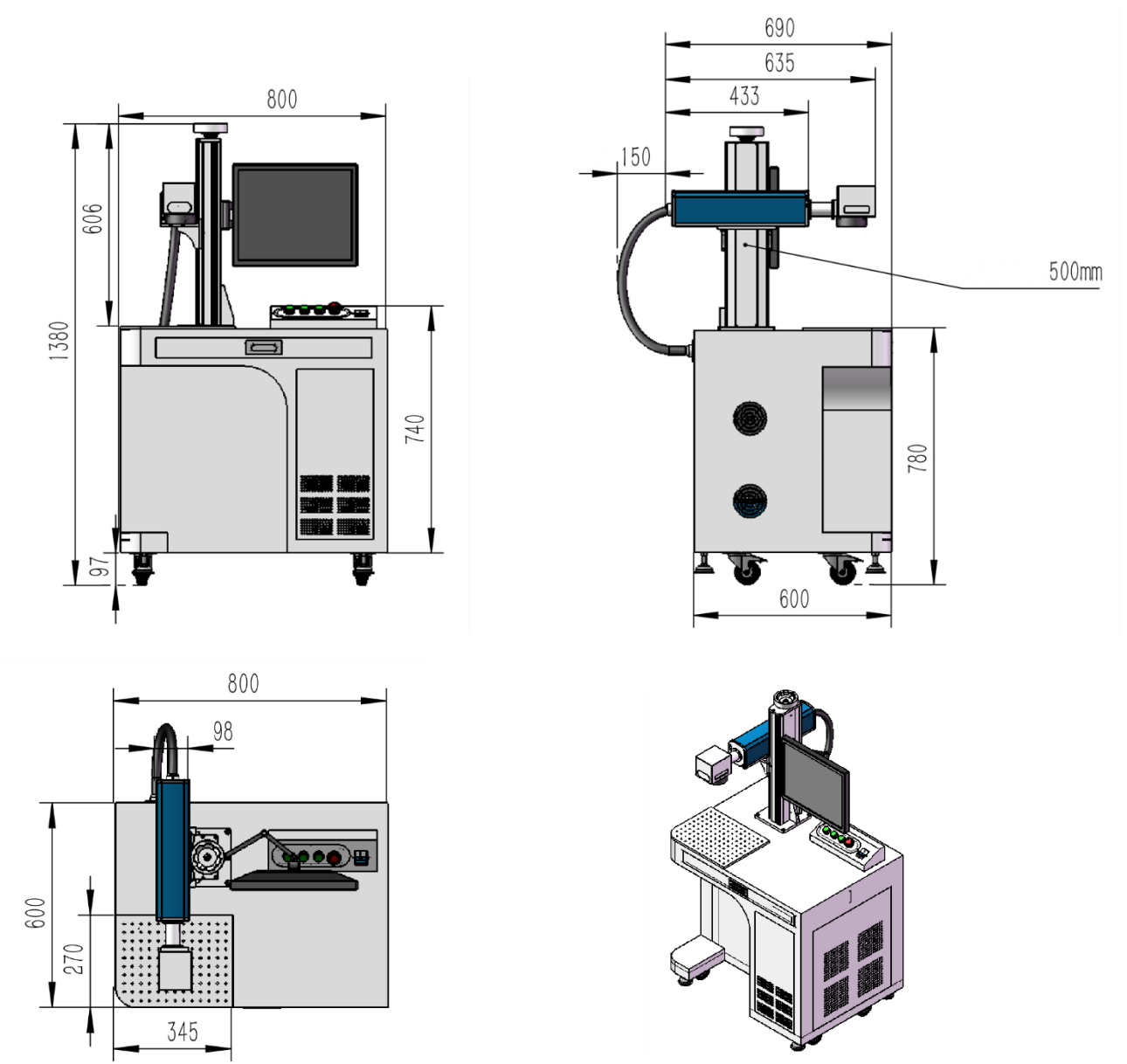
## Components



## Specifications

Model No.	AM-D 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	120kg

## Layout



## Samples

