



Large Format Co2 Laser Marking Machine

AM-C Series

SAFETY
LEVEL

AESTHETICS

COSTING

- ◆ The dynamic laser is equipped with a high-tech dynamic focusing scanner and control card, superior to algorithms optimization, high-speed marking and cutting.
- ◆ The device has high strength, compact structure, dustproof, convenient and accurate installation, and strong anti-interference ability.
- ◆ The heat dissipation mode of the scanning motor and the driving plate is fully considered in the system design to ensure the stability of the system under long-term working conditions.
- ◆ 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.
- ◆ Advanced galvanometer to ensure high speed, high precision, long life, ensure the system to meet the requirements of continuous and efficient production.
- ◆ By using water cooling technology on a CO2 laser tube and extended lens, the device works more stably and has a longer service life.
- ◆ Good laser beam pattern and stable system performance without maintenance, suitable for continuous production of the large batch, multi-variety, high speed and high precision in industrial processing places.
- ◆ Imported optical components, high precision, finer spot size, more uniform optical quality.

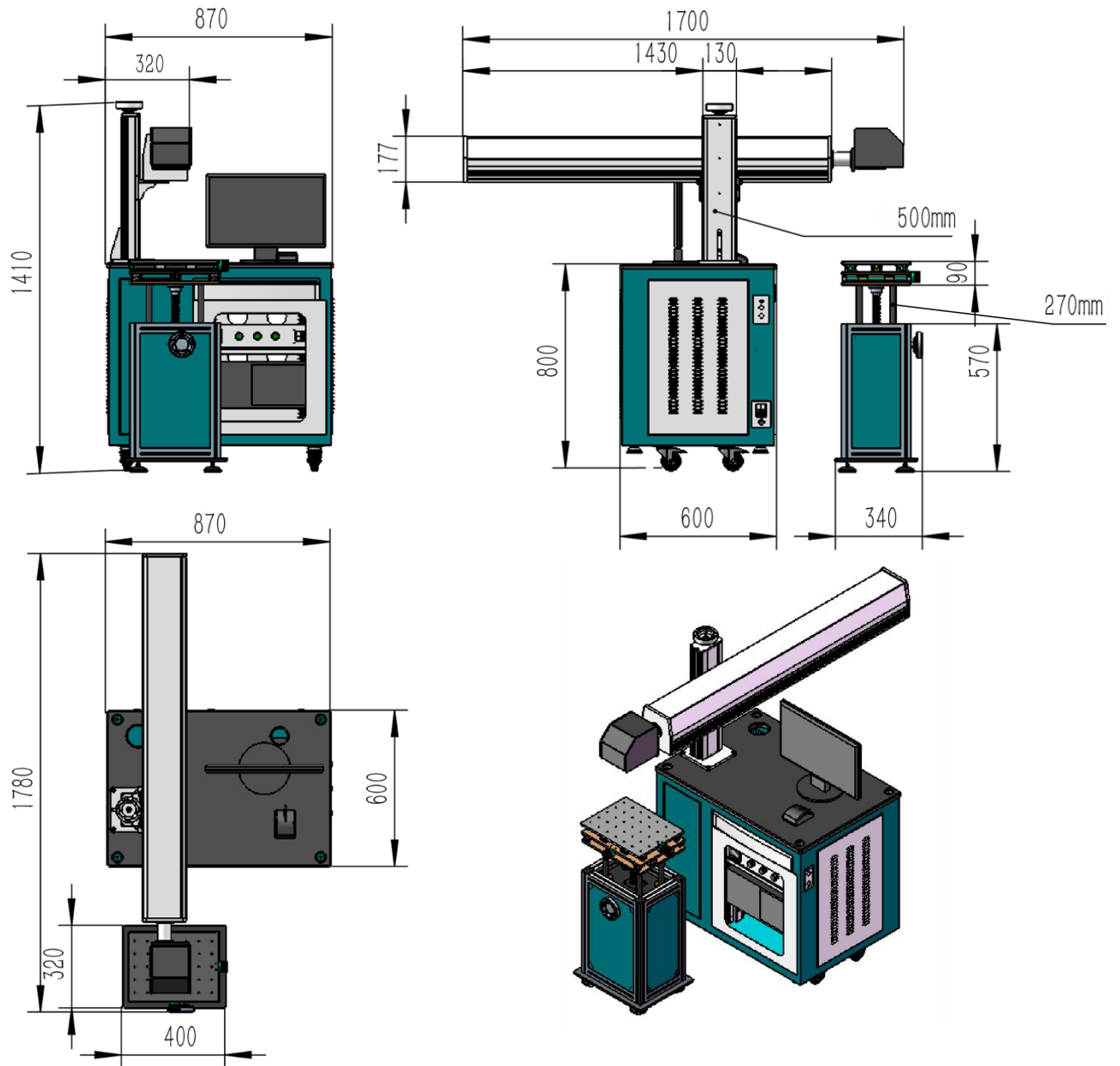
Components



Specifications

Model No.	AM-C Series
Laser Power	80W/100W/130W/150W
Laser Wavelength	10640nm
Q-Frequency	3KHz~20KHz
Divergence	0.3mard
Marking Range	110mm*110mm
Optional Range	300mm*300mm / 600mm*600mm
Minimum Line Width	0.01mm
Minimum Character	0.15mm
Marking Speed	8000mm/s
Marking Depth	≤5mm
Resolution Ratio	0.1 mm
Engraving Line Speed	7000mm/s
Repeatability Accuracy	±0.01mm
Beam Quality	M2: 1.5
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	1.5kw
Working Environment	Clean or Dust free
Operating Temperature	5°C-40°C
Working Humidity	5%-75% no condensed water
Laser Module Life	15000 hours
Gross Weight	290kg

Layout



Samples

