



Handheld Fiber Laser Marking Machine

AM-H Series

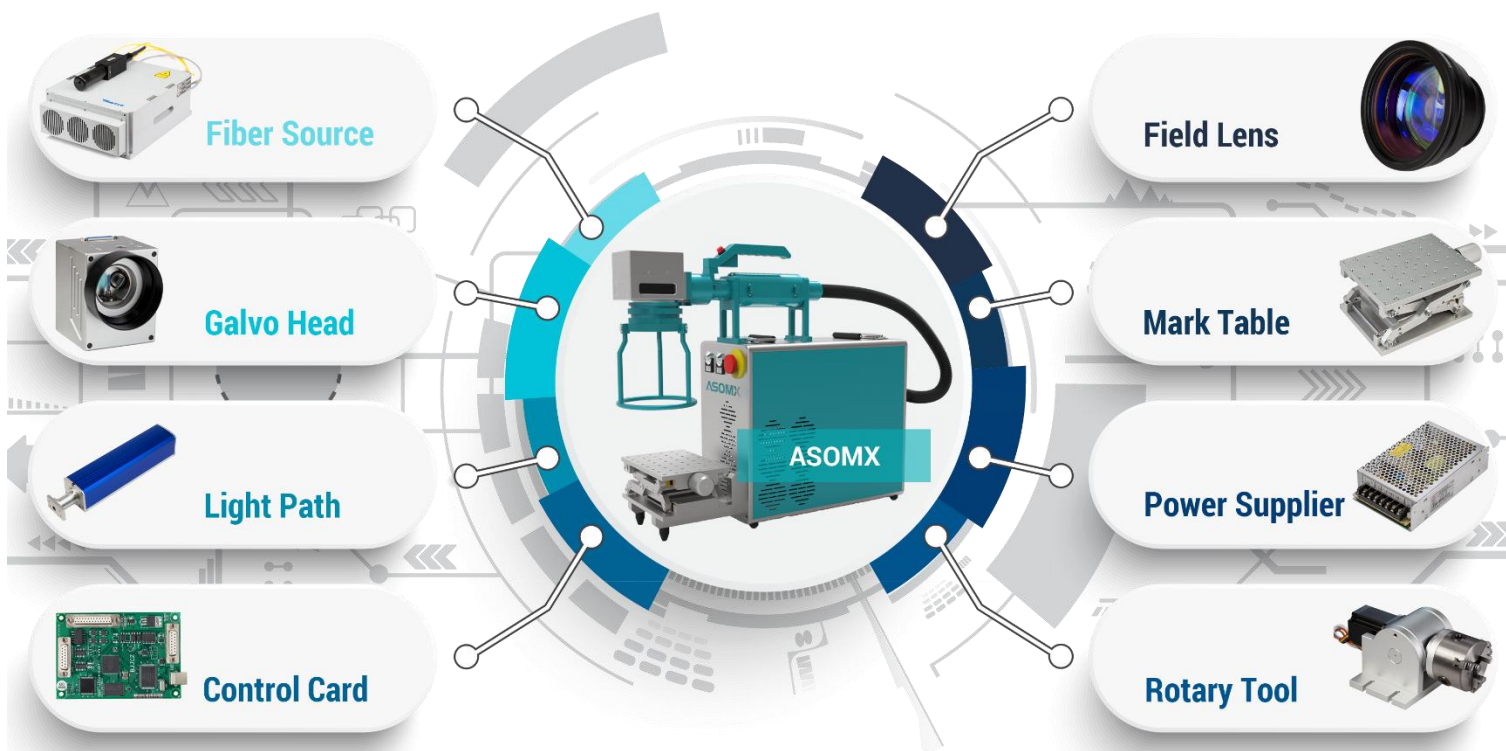
SAFETY
LEVEL

AESTHETICS

COSTING

- ◆ The modular design, independent laser generator and lifter, more flexible and can mark larger areas and complex surfaces.
- ◆ Easy transport and can be displayed separately according to user's site space situation.
- ◆ The marking speed is fast, 2-3 times faster than the traditional marking machine.
- ◆ The focal spot diameter is not more than 20 microns. The angle of expansion is only 1/4 of YAG-DP.
- ◆ High reliability, MTBF> 100,000 hours, laser beam quality is much better than the traditional laser marking machine.
- ◆ Energy saving, the total power consumption is less than 500W, which is 1/10 of the YAG consumption.
- ◆ The operation cost is low, the imported isolator is adopted to protect the fiber laser generator, which increases the stability, prolongs the life of the laser, and the parts have no wear and tear, and cost-effective.
- ◆ Simple operation, support specific Windows-based marking software, real-time adjustment of laser power and pulse frequency.
- ◆ Excellent performance, good stability, high conversion rate, low energy consumption.

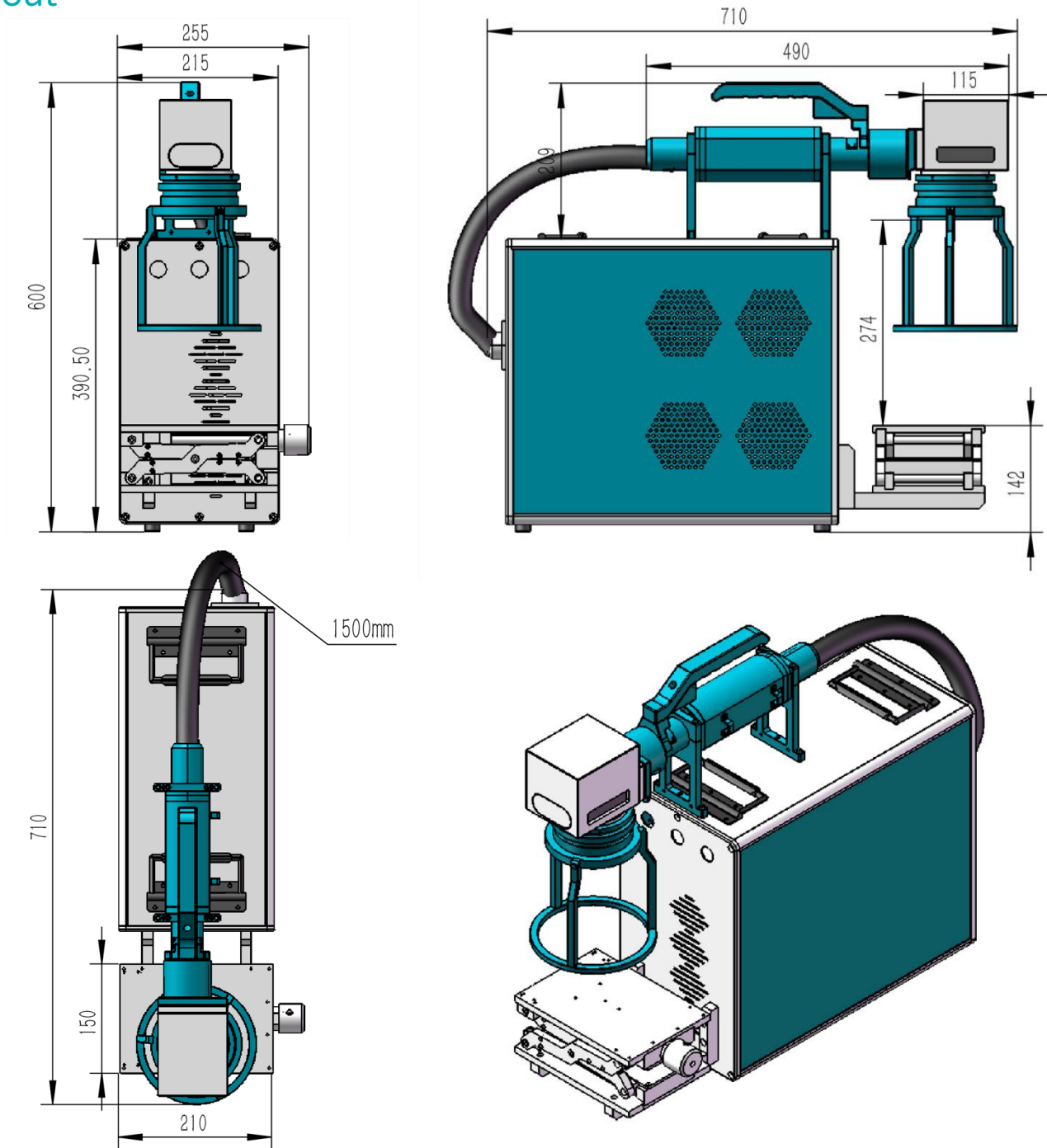
Components



Specifications

Model No.	AM-H 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	50kg

Layout



Samples

