



Online Flying Laser Marking Machine

AM-F Series

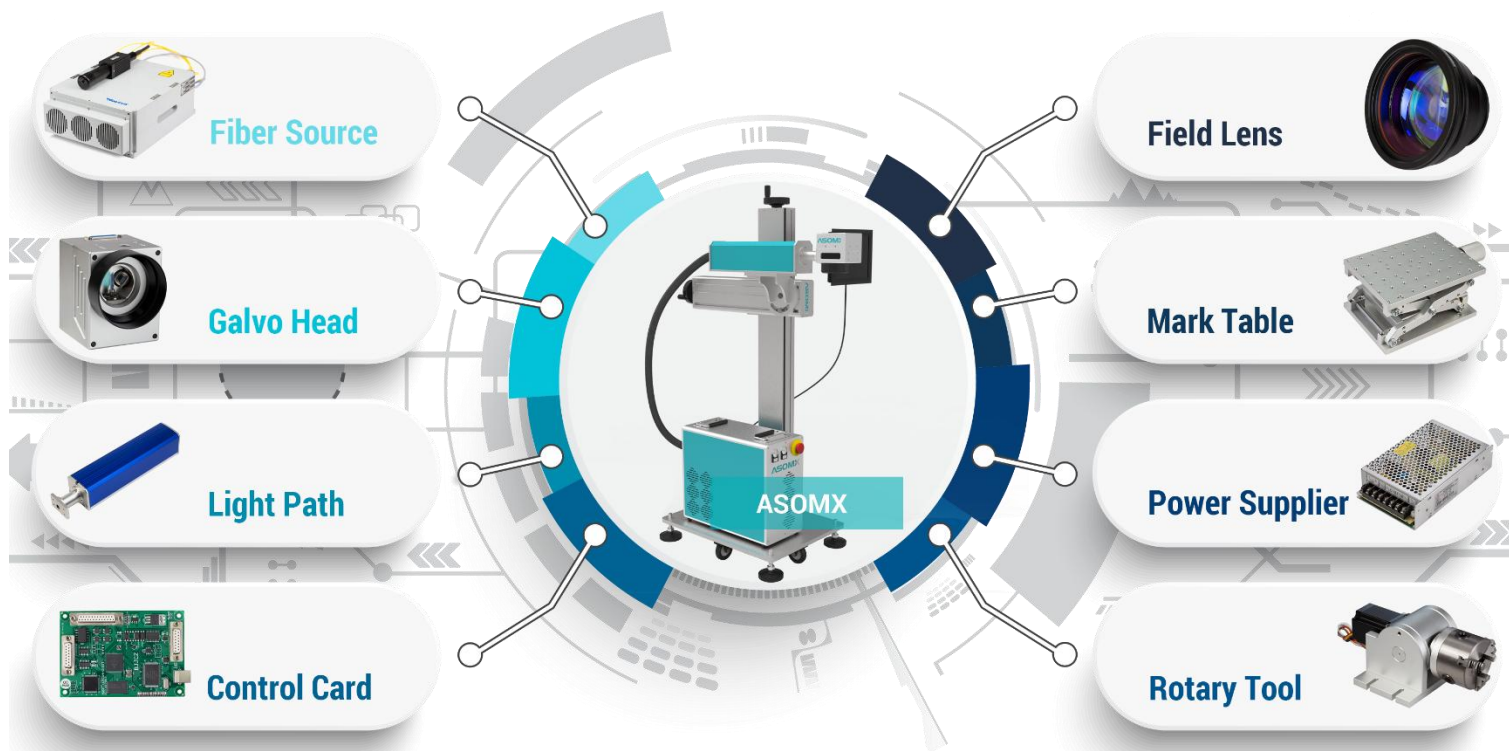
SAFETY
LEVEL

AESTHETICS

COSTING

- ◆ High Configuration: Online laser marking machine adopts co2 laser source imported from America, high speed F-theta lens, unique sealing structure.
- ◆ Precise Control: High-precision online laser marking, easy to control the marking depth.
- ◆ High Power: Optional 20W, 30W, 60W, 100W, not only for online laser marking of production line, but also for online laser engraving and laser cutting of some non-metallic materials.
- ◆ Non-consumable Materials: Online laser marking does not require ink like traditional online printing, no consume materials, reduce processing costs.
- ◆ Clear Marking: The laser marking on the product is clear and not easy to wear.
- ◆ Applicability: It can be configured with automatic fixtures and batch production lines.
- ◆ Stable Running: The system has a simple structure, wear-resistant, rust-proof, the most stable performance, the highest operating accuracy.
- ◆ High Speed: Using the digital fast scanning laser head, the fine marking process can be completed in the shortest time.
- ◆ Excellent Marking Results: No mechanical stress, low thermal stress, no damage to processed materials, no deformation.

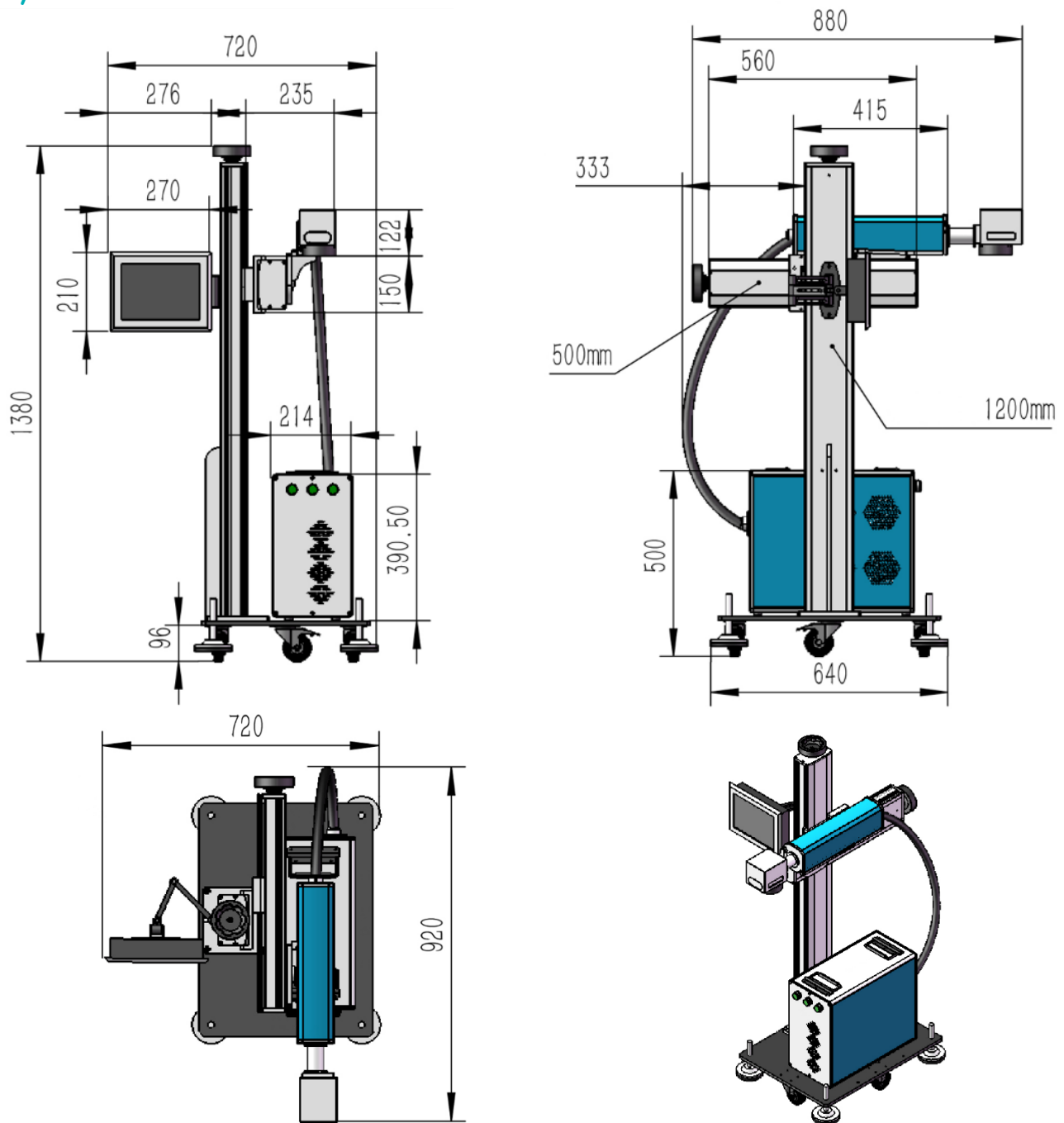
Components



Specifications

Model No.	AM-F Series
Laser Power	20W/30W/60W/100W
Laser Wavelength	10.6μm
Q-Frequency	20KHz~80KHz
Divergence	0.3mard
Marking Range	110mm*110mm
Optional Range	175mm*175mm / 300mm*300mm
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	±0.001mm
Beam Quality	M2: 1.2
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	1.2kw
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

