



Enclosed UV Laser Marking Machine

AM-E Series

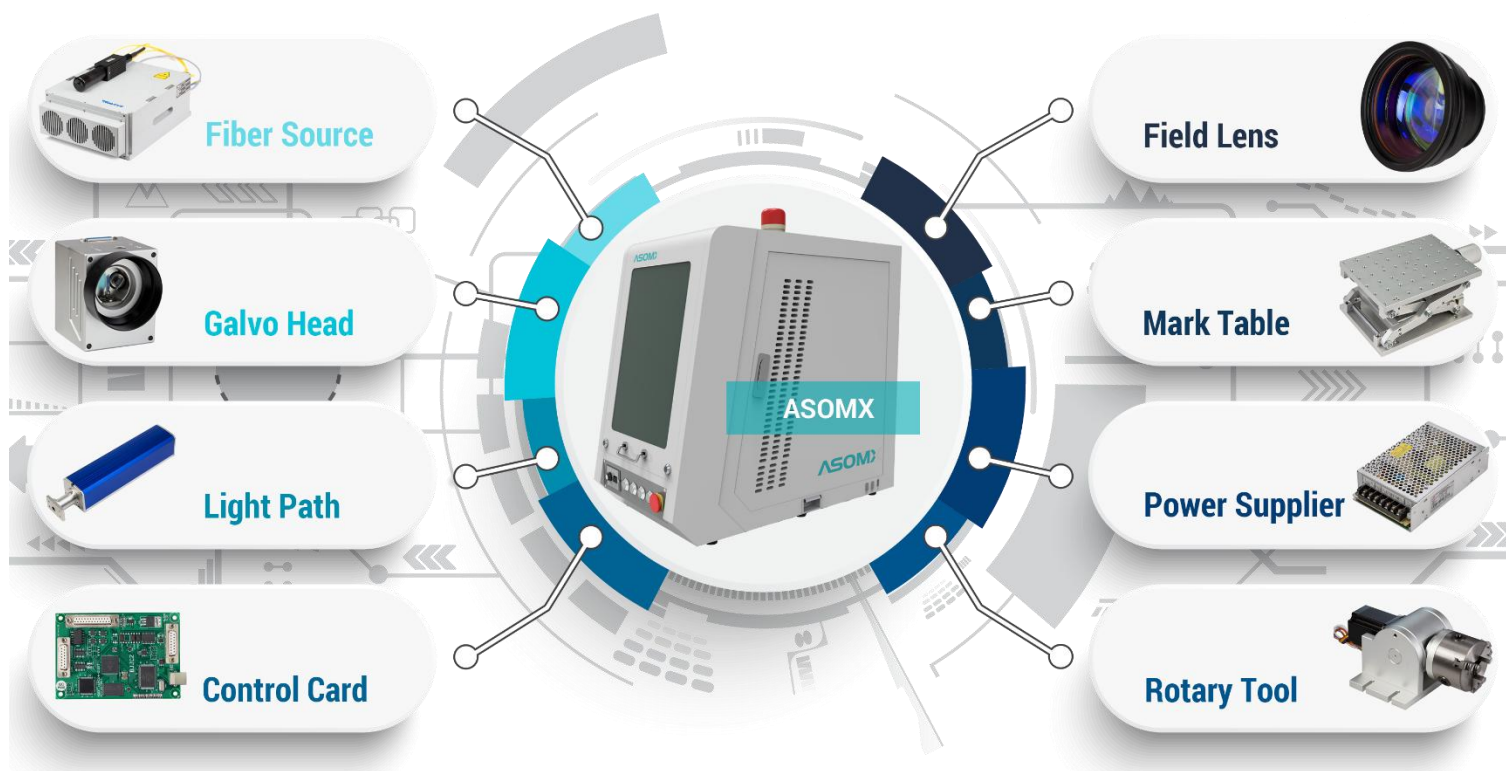
SAFETY
LEVEL

AESTHETICS

COSTING

- ◆ Sophisticated design techniques ensure good attenuation and laser shock resistance, and complex seal designs allow for different internal and external pressures to avoid dust.
- ◆ Laser power supply and power control chips are famous brands, the power switch is made in Taiwan, which to a large extent ensures the stability of the machine.
- ◆ The machine can only be operated by the button and emergency stop switch under the integrated control of intelligent software.
- ◆ The humanized operation process has less damage due to erroneous operations and other unexpected problems.
- ◆ Continuous operation for 24 hours to meet the needs of on-line and off-line industrial batch production.
- ◆ Higher pulse stability, better laser pulse consistency, produces the same engraving effect, making it an ideal choice for precision marking.
- ◆ 355nm emission wavelength makes it less affected by heat and has no heat effect and combustion problem.
- ◆ Good laser beam quality, small spot size, ultra-fine marking, minimum characteristics up to 0.2mm.
- ◆ Excellent performance, good stability, high conversion rate, low energy consumption.

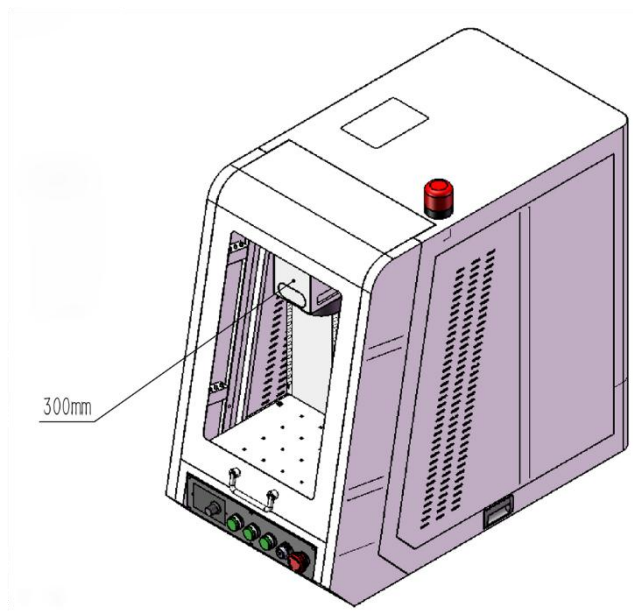
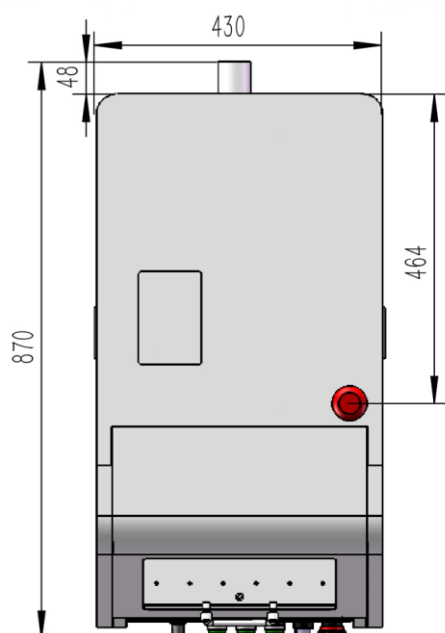
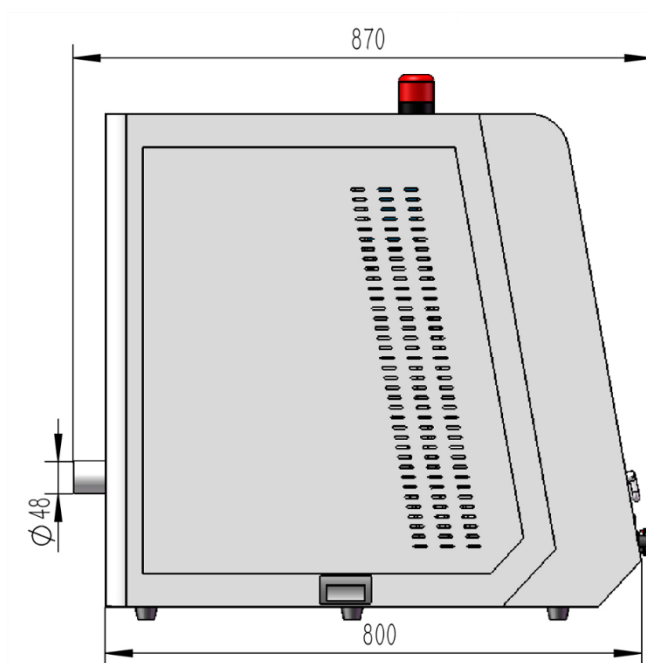
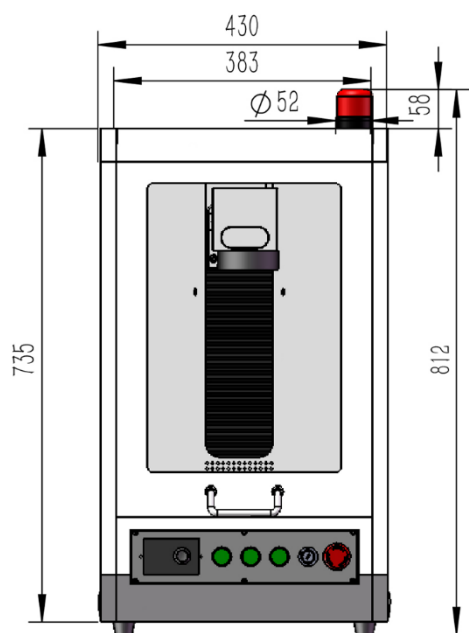
Components



Specifications

Model No.	AM-E Series
Laser Power	3W/5W/8W/10W
Laser Wavelength	355nm
Q-Frequency	10KHz~200KHz
Divergence	1.2mrad
Marking Range	110mm*110mm
Optional Range	175mm*175mm / 200mm*200mm
Minimum Line Width	0.01mm
Minimum Character	0.12mm
Marking Speed	10000mm/s
Marking Depth	≤0.5mm
Resolution Ratio	0.1 mm
Engraving Line Speed	7000mm/s
Repeatability Accuracy	±0.001mm
Beam Quality	M2: <1.1mm
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	0.8kw
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	100kg

Layout



Samples

