

UV Laser

HANS1000S-M laser flying marking machine adopts pico-star series water-cooled UV laser solely developed by Han's Laser. This series of lasers have invention patents, have won several industry awards, and the related complete equipment has been sold more than 4,000 sets, which is the only leading technology that realizes mass production and large-scale application in China. The series of lasers can realize the combination output of different laser wavelengths, different laser powers and different laser pulse widths on the same platform, which can maximally meet the needs of various industrial applications. Tailored for high-speed production lines, this UV laser meets and exceeds your operational needs, setting new standards in marking efficiency and reliability. Elevate your manufacturing processes with the industry-leading Han's Laser 10W UV Laser – where precision meets performance.

Design Precision

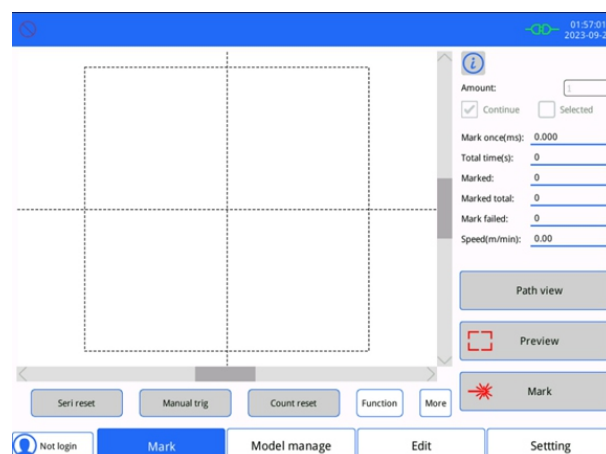
The HANS1000S-M laser flying marking machine boasts an aesthetic design, featuring a laser main beam, a main control cabinet, and an adjustable lifting platform (offering adaptable height and front/back positioning). The integrated chiller is housed within the main control cabinet. Additionally, the configuration allows for the inclusion of a suitable photoelectric sensing probe as per application requirements. Crafted from anodized aluminum alloy and baked enameled A3 steel.

Specific Part	Parameters
Laser Wavelength	355nm
Laser Power	≥10W
Operating Frequency	8-200KHz
Minimum Line Width	0.15mm
Smallest Character	0.40mm
Repeatability	±0.01mm
Standard marking range	100mm/100mm
Standard Focal Length	186±2mm
Optional marking range	60 mm x 60 mm to 360 mm x 360 mm
indexing line speed	≥10000mm/s
Number of Printed Characters	> 700 characters/second
Power Requirements	AC 220V/50HZ/10A
Power Consumption	Peak ≤1.5KW, average ≤0.75KW
Cooling method	Constant temperature water cooling
Industrial Protection Rating	Ip54
Cable Length	3 meters
Weight	Net:58KG ,Gross: ~83KG(ex-lifting Platform)
Size of the whole machine	Main Beam:602mm×160mm×203mm
	Control cabinet:440mm×400mm×165mm
	Chiller:270mm×270mm×260mm

Intuitive System and Software

- Operating System: Standard Linux System, language customizable as needed.
- Marking Software:
Tailored laser flying marking control software with a user-friendly Multi lingual graphical interface, offering comprehensive functions for easy learning

Our self-developed laser marking control software has applied for software copyright and owns all the source codes.



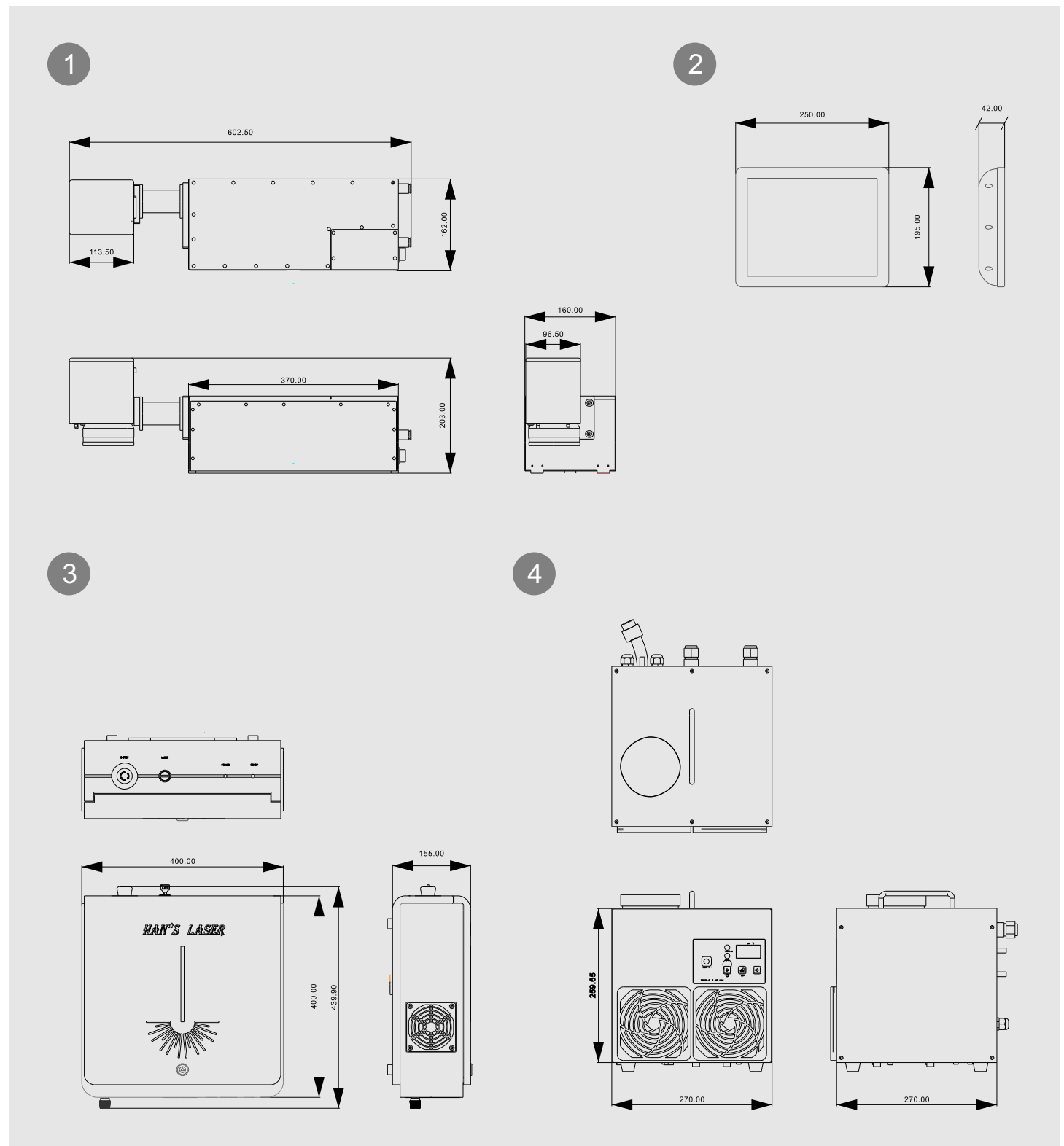
Configuration

Part Name	Models and specifications	Qty	Models and specifications
Laser generator	355nm/10W HAN'S Series	1	Shenzhen Han's Laser
Galvanometer	HANS Digital Optoelectronics	1	Shenzhen Han's Laser
Focusing lens	F=254	1	CHINA
Wall-mounted screen & card combination	Integrated high-speed control card, Linux system, 10.4-inch touch screen	1	Shenzhen Han's Laser
Software	Standard Linux flying marking software	1	Shenzhen Han's Laser
Laser powersupply	48V.17A	1	Domestic
Water Cooler (Chiller)	HC002M1-02A	1	Shenzhen Han's Laser

Industry Use



Dimensions



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