



K Series On-The-Fly Laser Printer

Fiber Laser Marking System

Introduction

Engineered for high-efficiency industrial branding. Featuring an extreme compact design, this 1,064nm series offers flexible power from 20W to 100W for precision marking. With an exceptional lifetime of >100,000 hours and maintenance-free operation, SUNINE delivers the ultimate cost-effective solution to maximize your marking efficiency.



High-Efficiency Marking
Maximizes production throughput and speed.



Extreme Compact Design
Ultra-small footprint for seamless automation integration.



Precision 1,064nm Wavelength
Optimized for high-contrast marking on metals and plastics.



20W to 100W Power Range
Scalable power to meet diverse application depths.



100,000+ Hour Lifetime
Built for long-term reliability and durability.



100% Maintenance-Free
Eliminates servicing hassle and lowers operational costs.

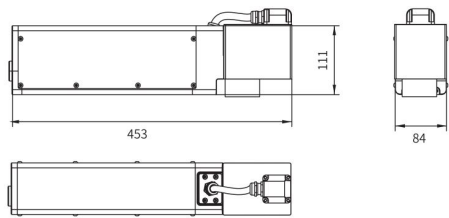
Applications



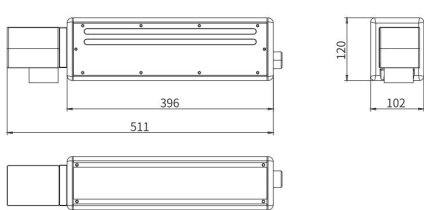
Model		K720	K730	K750	K7100
Basic Configuration	Laser power	20W	30W	50W	100W
	Laser type	Fiber laser source			
	Laser wavelength	1064nm			
	Mark field	Standard: 110mm×110mm, maximum: 500mm x500mm			
	Positioning method	Red-light positioning			
Marking Features	Production line speed	0~189m/min (varies according to materials and printing contents)			
	Image format	BMP/DXF/PNG/JPEG/PLT/JPG			
	Code type	Code128A, Code128B, Code128C, Code39, Code93, Ean13, PDF417, 01 Code; QR, DM, GS1-DM, AztecCode, HanxinCode, DotCode			
	Lines of characters	No limits within mark field			
System Features	Operating system	Linux			
	Type of drawings	Both dot matrix and vector			
	Language	Chinese Simplified, Chinese Traditional, English, German, Spanish, French, Italian, Japanese, Korean, Portuguese, Hindi, Russian, Turkish, Arabic, Persian, etc.			
	Interfaces	RS-232C / USB2.0 / Ethernet, I/O			
Structure and Conditions	Machine material	Anodized Aluminum (Laser Head) & Stainless Steel (Control Unit)			
	Power supply	220V / 50-60Hz (110V optional)			
	Power consumption	≤400W		≤600W	≤800W
	Machine weight	22kg			29kg
	Cooling system	Air-cooled			
	Dimensions	453mm x 84mm x 111mm (Laser head) 383mm x 160mm x 492mm (Control box)			511mm x 102mm x 120mm (Laser head) 460mm x 160mm x 522mm (Control box)
	Working conditions	0-45°C; 30%-85% RH(No-condensing)			

Dimensions (mm)

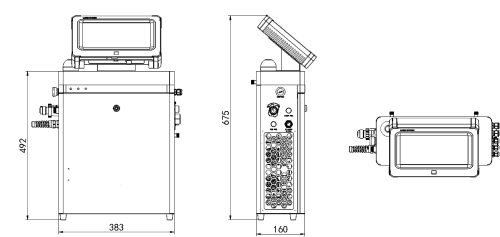
20W/30W/50W Laser Head



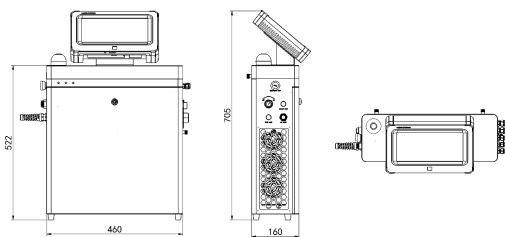
100W Control Unit



20W/30W/50W Control Unit



100W Control Unit



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Portal to official website