



K Series On-The-Fly Laser Printer

CO₂ Laser Marking System

Introduction

Delivering high efficiency and marks close to the primary color. This versatile series offers multi-wavelength options and flexible laser power ranging from 30W to 60W to meet diverse material needs. Built for durability, it features a long lifetime of up to 40,000 hours and offers IP54 protection to ensure reliable, cost-effective performance in demanding environments.



High Efficiency & Speed

Maximizes your production line throughput and output.



Close to Primary Color Marks

Delivers high-quality, natural-looking marking results on surfaces.



IP54 Protection Available

Ensures robust defense and stable operation in harsh environments.



30W to 60W Power Range

Scalable power options to match specific application requirements.



Up to 40,000 Hours Lifetime

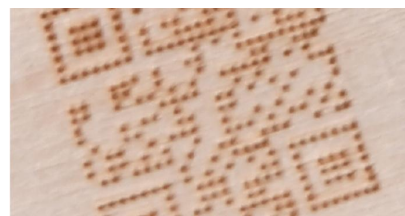
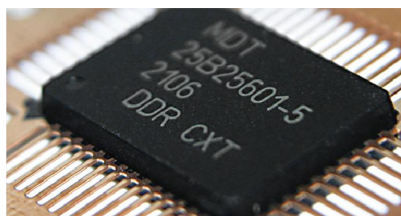
Built for long-term durability and reliable industrial performance.



Multi-Wavelength Options

Available in 10.6μm, 10.2μm, and 9.3μm for diverse material compatibility.

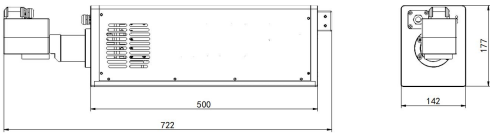
Applications



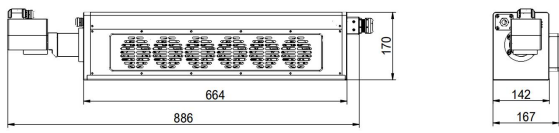
Model		K630	K632	K633	K660	K662	K663
Basic Configuration	Laser power	30W			60W		
	Laser type	Sealed metal RF CO ₂ laser source					
	Laser wavelength	10.6μm	10.2μm	9.3μm	10.6μm	10.2μm	9.3μm
	Mark field	Standard: 90mm x 90mm, maximum: 400mm x 400mm					
	Positioning method	Red-light positioning					
Marking Features	Writing speed	900 characters / second					
	Production line speed	0~189m/min (varies according to materials and printing contents)					
	Image format	BMP/DXF/HPGL/JPEG/PLT					
	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	≤800W			≤1175W		
	Machine weight	33kg			44kg		
	Protection class of shell	IP54 (laser printer head)					
	Cooling system	Air-cooled					
	Dimensions	722mm x 142mm x 177mm (Laser head) 382mm x 160mm x 403mm (Control box)			886mm x 167mm x 170mm (Laser head) 382mm x 160mm x 403mm (Control box)		
	Working conditions	0-45°C; 30%-85% RH (No-condensing)					

Dimensions (mm)

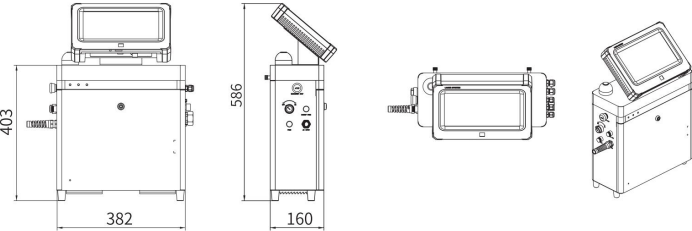
30W Laser Head



60W Laser Head



30W / 60W Control Unit



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Portal to official website