



HP Latex 1500 Printer

Produce superwide 126-in (3.2-m) applications with speed, quality, and control



Fast, productive superwide applications

- Print SAV at 480 ft² (45 m²)/hr indoor quality⁴, PVC banner at 800 ft² (74 m²)/hr outdoor quality.⁵
- Deliver vivid textiles quickly—up to 260 ft² (24 m²)/hr⁶; optional ink collector kit for porous textiles.¹
- Automatically print double-sided backlit applications with the optional double-sided day night kit.²
- Cut risk, eliminate delays—prints are dry and scratch resistant³ immediately after printing.

Quality results—with every print

- Get the color and quality you expect with innovative HP technology including OMAS, embedded spectrophotometer.
- Match tile edges confidently—advanced features enable HP printheads to deliver color consistency <= 2 dE2000⁷
- Maintain quality print after print—with 1200 dpi HP Thermal Inkjet printheads and auto nozzle replacement.
- Get quality results over the life of the printer with timely, routine HP Print Care preventive maintenance.

Cut costs, keep control

- Help reduce your running costs with cost-effective 5-liter HP ink cartridges.
- Do quick visual checks—the accessible print zone features LED lighting.
- At-a-glance monitoring on a busy production floor with internal print server alerts and status beacon signals.
- More unattended printing—a robust roll-to-roll design drives up to 1600 ft² (150 m²) PVC banner production.

For more information, please visit <http://www.hp.com/go/latex1500>

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at <https://lkc.hp.com/>

¹ The HP Latex 1500 Ink Collector Kit is an optional accessory for printing on porous textiles and mesh banner. To be available after the introduction of the HP Latex 1500 Printer.

² Printing double-sided backlit applications requires the optional HP Latex 1500 Double-sided Day Night Kit. Front-to-back image registration accuracy of 2 mm or better when using certified PVC banner and paper media, see <http://www.hp.com/go/mediasolutionslocator>

³ Scratch resistance is comparable to hard-solvent inks on self-adhesive vinyl and PVC banner. Scratch-resistance comparison based on testing third-generation HP Latex Inks and representative hard-solvent inks. Estimates by HP Image Permanence Lab on a range of media.

⁴ At 6-pass, 6-color, 100%. 480 ft² (45 m²)/hr requires the optional HP Latex 1500 Dual Roll Kit.

⁵ At 3-pass, 6-color, 90%.

⁶ At 12-pass, 6-color, 170%.

⁷ The color variation inside a printed job has been measured to be within this limit: maximum color difference (95% of colors) <= 2 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. 5% of colors may experience variations above 2 dE2000. Backlit substrates measured in transmission mode may yield different results.

Technical specifications

Print	
Printing modes	16 m²/hr - High Saturation Backlits (18-pass 6-color 260%) 24 m²/hr - Textiles and Canvas (12-pass 6-color 170%) 45 m²/hr - Indoor High Quality (6-pass 6-color 100% / 6-pass 6-color 120%) 57 m²/hr - Outdoor Plus (4-pass 6-color 100%) 74 m²/hr - Outdoor (3-pass 6-color 90%)
Print resolution	Up to 1200 x 1200 dpi
Ink types	Water-based HP Latex inks
Ink cartridges	7 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer)
Cartridge size	5 L
Printheads	4 (cyan/black, magenta/yellow, light cyan/light magenta, HP Latex Optimizer)
Long-term print-to-print repeatability	Maximum color difference (95% of colors) ≤ 2 dE2000¹
Media	
Handling	Roll-to-roll, double-sided blackout, dual-roll (optional), roll-to-freefall (optional), double-sided backlit (optional), ink collector (optional)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, fabrics, mesh, textiles²
Roll size	Up to 3.2 m (single roll); Up to 2 x 1.6 m (optional dual roll)
Maximum roll weight	Up to 160 kg (single roll); Up to 2 x 70 kg (with optional dual roll kit)
Maximum roll diameter	30 cm
Thickness	Up to 0.4 mm (default); up to 2.0 mm (with custom carriage height setting)
Applications	Vehicle graphics; Banners; Displays; Indoor posters; POP/POS; Exhibition and event graphics; Exterior signage; Light boxes - film; Textile
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T)
Dimensions (W x D x H)	
Printer	574 x 138 x 167 cm
Shipping	586 x 181 x 191 cm
Weight	
Printer	1220 kg
Shipping	2000 kg
What's in the box	HP Latex 1500 Printer, HP 881 Latex Printheads, HP 871 Latex Printhead Cleaning Kit, 126-in spindles (x2), HP Internal Print Server, documentation software, user manual, media edge holders (x4), Original HP sample media, cleaning supplies, pneumatic gun
Environmental ranges	
Operating temperature	15 to 30°C
Operating humidity	20 to 70% RH (non-condensing)
Acoustics	
Sound pressure	<70 dB(A) (operating), <57 dB(A) (idle)
Sound power	8.7 B(A) (operating), 7.3 B(A) (idle)
Power	
Consumption	9-11 kW (printing), 520 W (ready), 110 W (shutdown)
Certification	
Safety	IEC 60950-1+A1+A2 compliant; United States and Canada (CSA listed); EU (LVD and MD compliant, EN60950-1, EN12100-1, EN60204-1, and EN10101); Russia, Belarus and Kazakhstan (EAC); Australia, New Zealand (RCM)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)
Environmental	WEEE; EU RoHS; China RoHS; REACH; CE marking compliant
Warranty	1 Year Limited Warranty (Next Business Day On-Site)

Ordering information

Product	
K4T88A	HP Latex 1500 Printer
Accessories	
4J0X0A 4R4W4A 4R4W5A M2J33A P4P91A P4P92A T0F91A T0F92A T4E58B V8A82A W3U61A	HP 126-in Dual Roll Kit HP 126-in Spindle HP Latex 126-in Roll-to-freefall Kit HP Latex In-line Slitters HP Latex 1500 Double-sided Day Night Kit HP Latex 1500 Ink Collector Kit HP Series 1000 Dual Roll Kit HP Latex 1500 Ink Collector Foams Kit HP Latex Media Saver Kit HP Latex 1500 Edge Holder Kit HP Latex 1500 Roll-to-freefall Kit
Original HP large format printing materials	
HP Permanent Gloss Adhesive Vinyl (REACH certified³) HP Backlit Polyester Film HP PVC-free Durable Smooth Wall Paper (REACH³, FSC⁴, UL GREENGUARD GOLD certified⁵) HP Premium Poster Paper (FSC® certified⁴)	

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support	
HA151AC HP Full Coverage Maintenance Support Contract HK965AC HP Shared Maintenance Hardware Support Contract HK707AC HP Parts and Remote Hardware Support Contract WOR39A / K4T88-67259 HP Latex 1500 Printer Maintenance Kit K4T88-67260 HP Latex 1500 Service Maintenance Kit V8L81A / K4T88-67256 HP Latex 1500 Basic Uptime Kit	

¹ Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. Backlit substrates measured in transmission mode may yield different results.
² Performance may vary depending on media—for more information, see <http://www.hp.com/go/mediasolutionslocator>. For best results, use textiles that do not stretch. The optional ink collector is required for porous textiles.
³ This product does not contain substances listed as SVHC (155) per Annex XIV of the EU REACH directive published as of June 16, 2014 in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP Printing Products and Consumable Supplies.
⁴ BMG trademark license code FSC®-C115319, see <http://www.fsc.org>. HP trademark license code FSC®-C017543, see <http://www.fsc.org>. Not all FSC®-certified products are available in all regions.
⁵ UL GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to UL's GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit <http://www.ul.com/gg> or <http://www.greenguard.org>

