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 quality[4], PVC banner at 800 ft² (74 m²)/hr outdoor quality.[5]
- Deliver vivid textiles quickly—up to 260 ft² (24 m²)/hr[6]; 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 resistant[3] 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 dE2000[7]
- 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/

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[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 dE2000[1]

Media

Handling	Roll-to-roll, double-sided blockout, 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, textiles[2]
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 30ºC
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 EN1010); 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

Warranty	1 Year Limited Warranty (Next Business Day On-Site)

Ordering information

Product

K4T88A	HP Latex 1500 Printer

Accessories

4J0X0A	HP 126-in Dual Roll Kit
4R4W4A	HP 126-in Spindle
4R4W5A	HP Latex 126-in Roll-to-freefall Kit
M2J33A	HP Latex In-line Slitters
P4P91A	HP Latex 1500 Double-sided Day Night Kit
P4P92A	HP Latex 1500 Ink Collector Kit
T0F91A	HP Series 1000 Dual Roll Kit
T0F92A	HP Latex 1500 Ink Collector Foams Kit
T4E58B	HP Latex Media Saver Kit
V8A82A	HP Latex 1500 Edge Holder Kit
W3U61A	HP Latex 1500 Roll-to-freefall Kit

Original HP large format printing materials

HP Permanent Gloss Adhesive Vinyl (REACH certified[3])
HP Backlit Polyester Film
HP PVC-free Durable Smooth Wall Paper (REACH[3], FSC®[4], UL GREENGUARD GOLD certified[5])
HP Premium Poster Paper (FSC® certified[4])

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
W0R39A / 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