



HP Latex 1500 Printer

Produce superwide 3.2-m applications with speed, quality, and control



Fast, productive superwide applications

- Print SAV at 45 m²/hr indoor quality¹, PVC banner at 74 m²/hr outdoor quality.²
- Deliver vivid textiles quickly - up to 24 m²/hr³ optional ink collector kit for porous textiles.⁴
- Automatically print double-sided backlit applications with the optional double-sided day night kit.⁵
- Cut risk, eliminate delays—prints are dry and scratch resistant⁶ immediately after printing.

Quality results—with every print

- Get the colour and quality you expect with innovative HP technology including OMAS, embedded spectrophotometer.
- Match tile edges confidently - advanced features enable HP printheads to deliver colour 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 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://k.c.hp.com/>

¹ At 6-pass, 6-colour, 100%. 45 m²/hr requires the optional HP Latex 1500 Dual Roll Kit.

² At 3-pass, 6-colour, 90%.

³ At 12-pass, 6-colour, 170%.

⁴ At 6-pass, 6-colour, 100%. 480 ft²/hr requires the optional HP Latex 1500 Dual Roll Kit.

⁵ 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>.

⁶ 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.

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

Technical specifications

Print

Printing modes	16 m ² /hr - High Saturation Backlits (18-pass 6-color 260%) 24 m ² /hr - Textiles and Canvas (12-pass 6-color 170%) 46 m ² /hr - Indoor High Quality (6-pass 6-color 100% / 6-pass 6-color 120%) 57 m ² /hr - Outdoor Plus (4-pass 6-color 100%) 74 m ² /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 Optimiser)
Cartridge size	5L
Print heads	4 (cyan/black, magenta/yellow, light cyan/light magenta, HP Latex Optimiser)
Long term print-to-print repeatability	Maximum colour difference (95% of colours) ≤ 2 ΔE2000 ¹

Media

Handling	Roll-to-roll, double-sided blackout, dual-roll (optional), roll-to-freesfall (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)
Roll weight	Up to 160 kg (single roll), up to 2 x 70 kg (with optional dual roll kit)
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)
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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 Print heads, 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	8 kW (typical) - high quality indoor mode (6-pass), 10 kW (typical) - outdoor mode (3-pass)
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Certification

Safety	IEC 60950+A1+A2 compliant; United States and Canada (CSA listed); EU LVD and MD compliant; EN 60950-1, EN 12100-1, EN 60204-1, and EN 10101; Russia, Belarus and Kazakhstan (EAC); Australia, New Zealand (RCM)
Electromagnetic	Compliant with Class A requirements, including USA (FCC rules), Canada (CES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)
Environmental	WEEE, EU RoHS, China RoHS, REACH CE marking compliant
Warranty	One-year limited hardware warranty

Ordering information

Product

K4188A	HP Latex 1500 Printer
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Accessories

4J0X0A	HP 126-in Dual Roll Kit
4R4W4A	HP 126-in Spindle
4R4W5A	HP Latex 126-in Roll-to-freesfall Kit
D9241B	HP Large Format Onyx Thrive RIP Software
M2J39A	HP Latex In-line Sitters
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
W3J61A	HP Latex 1500 Roll-to-freesfall Kit

Original HP printing supplies

CR327A	HP 881 Yellow/Magenta Latex Printhead
CR328A	HP 881 Cyan/Black Latex Printhead
CR329A	HP 881 Light Magenta/Light Cyan Latex Printhead
CR330A	HP 881 Latex Optimizer Printhead
CR331A	HP 881 5-liter Cyan Latex Ink Cartridge
CR332A	HP 881 5-liter Magenta Latex Ink Cartridge
CR333A	HP 881 5-liter Yellow Latex Ink Cartridge
CR334A	HP 881 5-liter Black Latex Ink Cartridge
CR335A	HP 881 5-liter Light Cyan Latex Ink Cartridge
CR336A	HP 881 5-liter Light Magenta Latex Ink Cartridge
CR337A	HP 881 5-liter Latex Optimizer Cartridge
G0Y99A	HP 871 Latex Printhead Cleaning Kit

Original HP large format printing materials

HP Permanent Glass Adhesive Vinyl (REACH certified)³
HP Backlit Polyester Film⁴
HP PVC-free Durable Smooth Wall Paper (REACH⁵, FSC⁶, UL GREENGUARD GOLD certified)⁶
HP Premium Poster Paper¹ (FSC⁶ certified)⁶

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

Service and Support

If you want to extend the services and support solutions beyond what's included:
U57WRAC - PLUS Plan (Full coverage with PMKs & SMKs + Print OS Plus Apps + HP Learn Premium)
U57WSAC - BASIC Plan (Parts coverage with PMKs & SMKs + Print OS Basic Apps + HP Learn)
U57BCE - HP 2 Year Plus Service Plan (Hardware Support w/DMR (In Warranty))
U57BHE - HP 1 Year Post Warranty Plus Service Plan (Hardware Support w/DMR)
K4188-67256 HP Latex 1500 Basic Uptime Kit

ECO highlights

- Better for printing companies/operators - no special ventilation, hazard warning labels or HAPs (eco01)
- Better for the end customer, more differentiation - odorless prints, no where solvent and UV coat
- Better for the environment - HP designs end-to-end sustainability into large-format printing
- HP Latex inks are UL GREENGUARD GOLD Certified⁶

Please recycle printing hardware and eligible printing supplies. Find out how at our website: <http://www.hp.com/ecosolutions>

¹ Special ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements. Special ventilation equipment installation is at the discretion of the customer - see the Site Preparation Guide for details. Customers should consult state and local requirements and regulations. HP Latex inks were tested for Hazardous Air Pollutants, as defined in the Clean Air Act, per U.S. Environmental Protection Agency Method 311 (testing conducted in 2013) and none were detected.

² There is a broad set of media with very different odor profiles. Some of the media can affect the odor performance of the final print.

³ 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>.

⁴ Reflective measurements on a 943 colour target under CIE standard illuminant D50, and according to the standard CIE ΔE2000 as per CIE Draft Standard DS 014-6 (E/2012). Backlit substrates measured in transmission mode may yield different results.

⁵ 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.

⁶ This product does not contain substances listed as SVHC (REACH 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.PrintingProductsandConsumableSupplies.

⁷ HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See <http://www.hp.com/go/mediasolutionslocator> for details.

⁸ FSC® trademark license code FSC®-C1E339, 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.

⁹ 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>.

