



# HP Latex 1500 Printer

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



## Fast, productive superwide applications

- Print SAV at 45 m<sup>2</sup>/hr indoor quality<sup>1</sup>, PVC banner at 74 m<sup>2</sup>/hr outdoor quality.<sup>2</sup>
- Deliver vivid textiles quickly – up to 24 m<sup>2</sup>/hr<sup>3</sup>; optional ink collector kit for porous textiles.<sup>4</sup>
- Automatically print double-sided backlit applications with the optional double-sided day night kit.<sup>5</sup>
- Cut risk, eliminate delays—prints are dry and scratch resistant<sup>6</sup> 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  $\leq 2$  dE2000<sup>7</sup>
- 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 m<sup>2</sup> 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/>

<sup>1</sup> At 6-pass, 6-colour, 100%. 45 m<sup>2</sup>/hr requires the optional HP Latex 1500 Dual Roll Kit.

<sup>2</sup> At 3-pass, 6-colour, 90%.

<sup>3</sup> At 12-pass, 6-colour, 170%.

<sup>4</sup> At 6-pass, 6-colour, 100%. 45 m<sup>2</sup>/hr requires the optional HP Latex 1500 Dual Roll Kit.

<sup>5</sup> 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>.

<sup>6</sup> 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.

<sup>7</sup> The colour variation inside a printed job has been measured to be within this limit: maximum colour difference (95% of colours)  $\leq 2$  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 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 Optimiser)
Cartridge size	5 L
Printheads	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 ΔE2000¹
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	One-year limited hardware warranty

Ordering information

Product	
K4T88A	HP Latex 1500 Printer
Accessories	
4J0X0A 4R4W4A 4R4W5A D9241B 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 Large Format Onyx Thrive RIP Software 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 printing supplies	
CR327A CR328A CR329A CR330A CR331A CR332A CR333A CR334A CR335A CR336A CR337A GOY99A	HP 881 Yellow/Magenta Latex Printhead HP 881 Cyan/Black Latex Printhead HP 881 Light Magenta/Light Cyan Latex Printhead HP 881 Latex Optimizer Printhead HP 881 5-liter Cyan Latex Ink Cartridge HP 881 5-liter Magenta Latex Ink Cartridge HP 881 5-liter Yellow Latex Ink Cartridge HP 881 5-liter Black Latex Ink Cartridge HP 881 5-liter Light Cyan Latex Ink Cartridge HP 881 5-liter Light Magenta Latex Ink Cartridge HP 881 5-liter Latex Optimizer Cartridge HP 871 Latex Printhead Cleaning 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, FSC®⁴, 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	
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) U57BHPE - HP 1 year Post Warranty Plus Service Plan Hardware Support w/DMR K4T88-67256 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 – odourless prints go where solvent and UV can't
- Better for the environment – HP designs end-to-end sustainability into large-format printing

¹ Reflective measurements on a 943 colour target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard D5 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>

