HP Latex 1500 Printer

Affordable superwide 3.2-m (126-inch) HP Latex printing

Water-based HP Latex Technology is unique, delivering a combination of true application versatility, high image quality and high productivity, and a sustainable approach that's better for your operators, your business, and the environment.[1]

Fast, productive superwide applications

- Print SAV at 45 m² (480 ft²)/hr indoor quality,[2] PVC banner at 74 m² (800 ft²)/hr outdoor quality[3]

- Deliver vivid textiles quickly—up to 24 m² (260 ft²)/hr;[4] optional ink collector kit for porous textiles[5]

- Automatically print double-sided backlit applications with the optional double-sided day night kit[6]

- Cut risk, eliminate delays—prints are dry and scratch resistant[7] 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[8]

- 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 (1600 ft²) PVC banner production

For more information, please visit
hp.com/go/Latex1500

Join the community, find tools, and talk to experts.
Visit the HP Latex Knowledge Center at
hp.com/communities/LKC

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[1] Based on a comparison of HP Latex Ink technology to competitors with leading market share as of December, 2013 and analysis of published MSDS/SDSs and/or internal evaluation. Performance of specific attributes may vary by competitor and ink technology/formulation.

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

[3] At 3-pass, 6-color, 90%.

[4] At 12-pass, 6-color, 170%.

[5] 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.

[6] 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 hp.com/go/mediasolutionslocator.

[7] 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.

[8] 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.

HP Latex 1500 Printer (3.2 m / 126 in)

End-to-end sustainability—a better approach

HP Latex Technology delivers all the certifications that matter to your operators, your business, and the environment.[9]

UL ECOLOGO[10]

Using water-based inks eliminates exposure to inks with hazard warning labels and high solvent concentrations, and simplifies ventilation, storage, and transportation requirements.
HP Latex Inks enable more differentiation—odorless prints go where solvent and UV can't.

UL GREENGUARD GOLD[11]

HP is designing end-to-end sustainability into large-format printing.

CE

HP Planet Partners Program[12]
HP Large Format Media take-back program[13]

HP Latex Optimizer
High image quality at high speed

HP Latex Inks
Scratch resistance comparable to hard-solvent inks on SAV and PVC banner[14]

HP OMAS & spectrophotometer
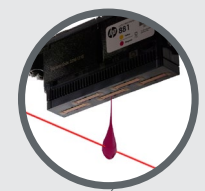Reliable print quality—get the color and quality you expect

HP Latex printheads
1200 dpi resolution—high image quality over the life of the printer

High-efficiency curing
Instant dry—prints are completely dry immediately after printing

Automatic maintenance
Automatic drop detection and nozzle replacement

9 Based on a comparison of HP Latex Ink technology to competitors with leading market share as of December, 2013 and analysis of published MSDS/SDSs and/or internal evaluation. Performance of specific attributes may vary by competitor and ink technology/formulation.

10 Applicable to HP Latex Inks. UL ECOLOGO® Certification to UL 2801 demonstrates that an ink meets a range of multi-attribute, lifecycle based criteria related to human health and environmental considerations (see ul.com/EL).

11 Applicable to HP Latex Inks. 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 ul.com/gg or greenguard.org.

12 Visit hp.com/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your area. Where this program is not available, and for other consumables not included in the program, consult your local waste authorities on appropriate disposal.

13 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 HPLFMedia.com/hp/ecosolutions for details.

14 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.

15 To be available after the introduction of the HP Latex 1500 Printer.

Printer status beacon
At-a-glance monitoring on a busy production floor

Internal print server
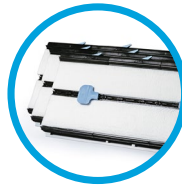Efficiently prepare and monitor the job queue

Roll-to-freefall kit (optional)[15]
Enables the first copies in a long run to be cut and moved to finishing, while still printing the rest

Ink collector kit (optional)[15]
Print on porous substrates such as mesh banner and porous textiles
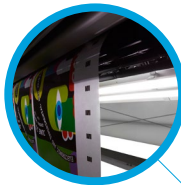
3.2m / 126in

Dual roll kit (optional)
Double throughput and increase unattendedness when working with self-adhesive vinyl and other rolls up to 1.6 m (63 in)

Double-sided day night kit (optional)
Easily produce double-sided backlit applications for color-accurate outdoor advertising displays in any light—front or backlit

Media saver
Preserve media during the loading process and help save money

Technical specifications

Printing	Printing modes	16 m²/hr (170 ft²/hr) - High Saturation Backlits (18-pass 6-color 260%)
		24 m²/hr (260 ft²/hr) - Textiles and Canvas (12-pass 6-color 170%)
		45 m²/hr (480 ft²/hr) - Indoor High Quality (6-pass 6-color 100% / 6-pass 6-color 120%)
		57 m²/hr (610 ft²/hr) - Outdoor Plus (4-pass 6-color 100%)
		74 m²/hr (800 ft²/hr) - Outdoor (3-pass 6-color 90%)
	Print resolution	Up to 1200 x 1200 dpi
	Ink cartridges	Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer
	Cartridge size	5 liter
	Color consistency	Maximum color difference (95% of colors) <= 2 dE2000[16]
Media	Handling	Roll-to-roll, double-sided blockout, dual-roll (optional), roll-to-freefall (optional),[17] double-sided backlit (optional), ink collector (optional)[17]
	Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas; mesh and porous textiles with optional ink collector[17]
	Roll size	Single roll up to 3.2 m (126 in) Optional dual roll up to 2 x 1.60 m (2 x 63 in)
	Roll weight	Single roll up to 160 kg (350 lb) Optional dual roll up to 2 x 70 kg (2 x 155 lb)
	Roll diameter	Up to 30 cm (11.8 in)
	Thickness	Up to 0.4 mm (0.015 in), by default Up to 2.0 mm (0.08 in), with custom carriage height setting
	Double-sided blockout	Registration accuracy 5 mm/m (0.06 in/ft), intended for double-sided PVC blockout banners
	Double-sided backlit (optional)	Registration accuracy of 2 mm (0.08 in),[18] intended for double-sided backlit outdoor advertising applications
Dimensions (w x d x h)		Printer: 574 x 138 x 167 cm (228 x 54 x 66 in) Shipping: 586 x 181 x 191 cm (231 x 71 x 75 in)
Weight		Printer: 1220 kg (2690 lb); shipping 2000 kg (4410 lb)
What's in the box		HP Latex 1500 Printer, HP 881 Latex Printheads, HP 871 Latex Printhead Cleaning Kit, 126-in spindles (x2), media savers (x2), HP Internal Print Server, HP webcam, documentation software, user manual, media edge holders (x4), Original HP sample media, cleaning supplies, pneumatic gun
Environmental ranges		Standard operating conditions: Temperature: 15 to 30°C (59 to 86°F) Humidity: 20 to 70% RH (non-condensing)
		Optimal IQ operating conditions: Temperature: 20 to 25°C (68 to 77°F) Humidity: 30 to 60% RH (non-condensing)
Power consumption		8 kW (typical) - Indoor High Quality mode (6-pass)
		10 kW (typical) - Outdoor mode (3-pass)
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		One-year limited hardware warranty

Ordering information

Product	K4T88A	HP Latex 1500 Printer
Accessories	T0F91A	HP Latex 1500 Dual Roll Kit
	M2J33A	HP Latex In-line Slitters
	P4P91A	HP Latex 1500 Double-sided Day Night Kit
	Z3R57A	HP Latex 1500 Day Night Edge Holder Kit
	Z3R58A	HP Latex 1500 Day Night Protector Media
	W3U61A	HP Latex 1500 Roll-to-freefall Kit[17]
	P4P92A	HP Latex 1500 Ink Collector Kit[17]
	T0F92A	HP Latex 1500 Ink Collector Foams Kit[17]
	T4E58A	HP Latex 1500 Media Saver Kit
	V8A82A	HP Latex 1500 Edge Holder Kit
	D9Z41A	HP Scitex Onyx Thrive 211 RIP Software
	L5E74A	HP Scitex Caldera Grand RIP v10 Software
Original HP printheads	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
Original HP ink cartridges and maintenance supplies	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 printing materials are designed together with HP Latex Inks and HP Latex printers to provide optimal image quality, consistency, and reliability.
		HP Permanent Gloss Adhesive Vinyl REACH[19]
		HP Backlit Polyester Film ♻[20]
		HP PVC-free Durable Smooth Wall Paper REACH,[19] FSC® certified,[21] UL GREENGUARD GOLD Certified[22]
		HP Premium Poster Paper ♻[20] FSC® certified[21]
		For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.
Service contracts	HA151AC	HP Full Coverage Maintenance Support Contract
	HK965AC	HP Shared Maintenance Hardware Support Contract
	HK707AC	HP Parts and Remote Hardware Support Contract
Maintenance kits	W0R39A / K4T88-67259	HP Latex 1500 Printer Maintenance Kit
	K4T88-67260	HP Latex 1500 Service Maintenance Kit
Uptime kits	V8L81A / K4T88-67256	HP Latex 1500 Basic Uptime Kit

[16] 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.

[17] To be available after the introduction of the HP Latex 1500 Printer.

[18] Requires optional HP Double-sided Day Night Kit.

[19] 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.

[20] 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 HPLFMedia.com/hp/ecosolutions for details.

[21] BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions.

[22] UL GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg or greenguard.org.