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://hplatexknowledgecenter.com/

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	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)
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)

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	8 kW (typical) - high-quality indoor 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

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

Ordering information

Product

K4T88A	HP Latex 1500 Printer

Accessories

CZ059A	HP Series 1000/3000 126-in Carbon Fiber Spindle
D9Z41B	HP Large Format Onyx Thrive RIP Software
G1K80A	HP Latex 126-in Dual Roll Spindle
L5E74C	HP Large Format Caldera Grand RIP Software
M2J33A	HP Latex In-line Slitters
P4P91A	HP Latex 1500 Double-sided Day Night Kit
P4P92A	HP Latex 1500 Ink Collector Kit
T0F91A	HP Latex 1500 Dual Roll Kit
T0F92A	HP Latex 1500 Ink Collector Foams Kit
T4E58B	HP Latex Media Saver 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 Gloss Adhesive Vinyl (REACH certified[3])
HP Backlit Polyester Film[4]
HP PVC-free Durable Smooth Wall Paper (REACH[3], FSC®[5], UL GREENGUARD GOLD certified[6])
HP Premium Poster Paper[4] (FSC® certified[5])

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

ECO highlights

- Better for printing companies/operators—no special ventilation or HAPs[1]
- Better for the end-customer, more differentiation—odorless prints reach more indoor spaces[2]
- Better for the environment—HP designs end-to-end sustainability into large-format printing
- HP Latex Inks are UL GREENGUARD GOLD Certified[3]

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.

[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] 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.HPLFMedia.com/hp/ecosolutions for details.
[5] 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.
[6] 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.

3M™ MCS™ Warranty

CE 1121
Hewlett-Packard Company, Palo Alto CA, 94304
Manufactured 2011
T1Z1CPD4A0036
EN 15102

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i1 COLOR For HP

HP Latex Ink water-based technology

ROADMAP TO ZERO

GREENGUARD GOLD