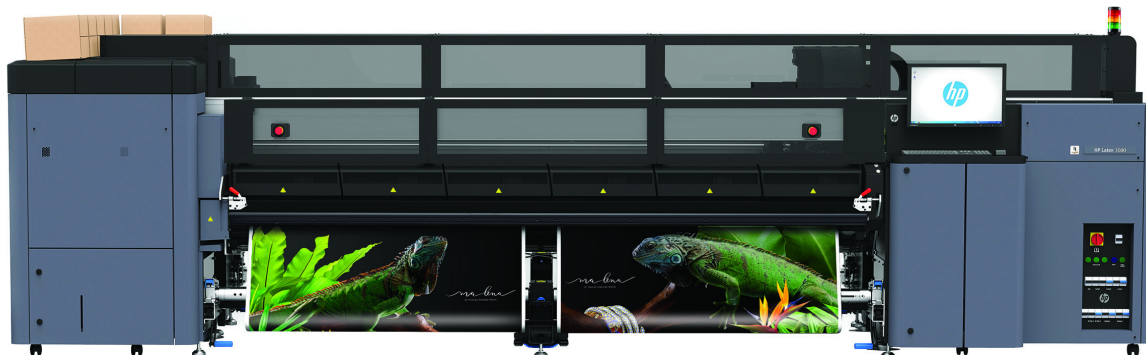# HP Latex 3600 Printer

The horsepower you need for dedicated application production

See robust quality at every speed

- Print at high speeds—1290 ft²/hour[1]—and suppress banding with HP Dynamic Swath Alignment, OMAS technology.
- Superior indoor quality beats UV[2]—smooth transitions, sharp image quality, and preserve media texture.
- Handle demanding tiling jobs with confidence—color consistency ≤ 1 dE2000 (95% of colors) in tiling mode.[4]

Maximize uptime, stay in control

- HP helps keep you up and running with direct support, including HP remote diagnostics.[6]
- Handle production peaks, without risk—this printer is designed and tested to support up to 350,000 ft²/mo.[3]
- Stay in control in-plant and online—HP Print Beat application[6], printer status beacon, HP Latex Mobile.[7]

Help drive down costs

- You can save time and money—with automatic maintenance, no daily printhead maintenance is required.
- Minimize labor costs—a single operator can manage up to four printers at the same time.
- Help further reduce cost—heavy-duty rolls for fewer roll changes, 10-liter HP ink supplies for overnight runs.

For more information, please visit http://www.hp.com/go/latex3600

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at https://hplatexknowledgecenter.com/

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[1] Printed in Outdoor mode (3-pass, 6-color, 80%).
[2] Based on HP internal testing of prints produced using Indoor High Quality mode (6-pass, 6-color, 100%) at 830 ft²/hr (77 m²/hr) compared to similar performance of select UV printers under $400,000 USD as of March 2017.
[3] Based on HP internal testing, the HP Latex 3600 Printer can reliably handle production peaks up to 350,000 ft² (35,000 m²) per month (in 6-pass print mode). Repeat monthly production at this volume is not recommended and may require additional maintenance.
[4] The color variation inside a printed job, when printed with tiling optimized media, has been measured to be with maximum color difference ≤ 1 dE2000 (95% of colors) in "Optimize for tiling" mode. Tested on Ahlstrom 5087 wallpaper with stable printing condition within a stable media and a nominal printer. 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 the specs mentioned. Backlit substrates measured in transmission mode may yield different results.
[5] The HP Latex 3000 Double-sided Day Night Kit is an optional accessory.
[6] HP remote monitoring and diagnostics—including access to the HP Print Beat application—requires an upgrade to the service contract with HP.
[7] HP Latex Mobile is compatible with Android™ 4.1.2 or later and iOS 7 or later, and requires the printer and the smart phone or tablet to be connected to the Internet.

Technical specifications

Print

Printing modes	290 ft²/hr (27 m²/hr)- High Saturation Backlits (18p 6c 230%) 470 ft²/hr (44 m²/hr)- Textiles and Canvas (10p 6c 170%) 830 ft²/hr (77 m²/hr)- Indoor High Quality (6p 6c 100%) 1290 ft²/hr (120 m²/hr)- Outdoor (3p 6c 80%) 1950 ft²/hr (180 m²/hr)- Billboard (2p 4c 70%)
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	10 L
Printheads	7 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, HP Latex Optimizer)
Long-term print-to-print repeatability	Maximum color difference (95% of colors) ≤ 2 dE2000; ≤ 1 dE2000 in Tiling mode[1]

Media

Handling	Roll-to-roll, roll-to-freefall, roll-to-collector, dual-roll, double sided blockout, 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 126 in (3.2 m) single roll; Up to 2 x 61 in (2 x 1.55 m) dual roll
Roll weight	Up to 660 lb (300 kg) single roll; Up to 2 x 440 lb (2 x 200 kg) dual roll
Roll diameter	15.75 in (40 cm)
Thickness	Up to 0.015 in (default); up to 0.08 in (with custom carriage height setting)

Applications

Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Light boxes - film; POP/POS; Textile; Vehicle graphics

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T)

Dimensions (w x d x h)

Printer	235 x 68 x 74 in (598 x 172 x 187 cm)
Shipping	231 x 76 x 85 in (586 x 193 x 216 cm)

Weight

Printer	4140 lb (1880 kg)
Shipping	5820 lb (2640 kg)

What's in the box

HP Latex 3600 Printer, HP 881 Latex Printheads, HP 881 Latex Cleaning Roll, 126-in spindles (x2), HP Latex Dual Roll Split Spindles (x4), HP Latex dual roll center support and docking plate, HP Internal Print Server, documentation software, user manual, media edge holders (x4), in-line slitters (x4), Original HP sample media, cleaning supplies, spindle supports (x2), pneumatic gun

Environmental ranges

Operating temperature	59 to 86ºF (15 to 30ºC)
Operating humidity	20 to 70% RH (non-condensing)

Acoustics

Sound pressure	<67 dB(A) (operating), <60 dB(A) (idle)

Power

Consumption	10 kW (typical) - high-quality indoor mode (6-pass), 11 kW (typical) - outdoor mode (3-pass)

Certification

Safety	IEC 60950-1+A1+A2 compliant; United States and Canada (CSA listed)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES)
Environmental	WEEE; REACH

Warranty

One-year limited hardware warranty

Ordering information

Product

1HA07A	HP Latex 3600 Printer

Accessories

1ML40A	HP Latex 3000 Edge Holder Kit
CZ059A	HP Series 1000/3000 126-in Carbon Fiber Spindle
CZ065A	HP Latex 3000 Ink Collector Kit
F1V49A	HP Latex 3000 Ink Collector Foams Kit
J8J14A	HP Latex 3000 Double-sided Day Night Kit
L2E28A	HP Latex 3600 Dual Roll Split Spindles
L5E74C	HP Large Format Caldera Grand RIP Software
M2J33A	HP Latex In-line Slitters
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
CR339B	HP 881 Latex Cleaning Roll
G0Y72A	HP 3M 891 10-liter Cyan Latex Ink Cartridge
G0Y73A	HP 3M 891 10-liter Magenta Latex Ink Cartridge
G0Y74A	HP 3M 891 10-liter Yellow Latex Ink Cartridge
G0Y75A	HP 3M 891 10-liter Black Latex Ink Cartridge
G0Y76A	HP 3M 891 10-liter Light Cyan Latex Ink Cartridge
G0Y77A	HP 3M 891 10-liter Light Magenta Latex Ink Cartridge
G0Y78A	HP 3M 891 10-liter Latex Optimizer Ink Cartridge

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

1UH14A/1HA07-67066 HP Latex 3000 Standard Uptime Kit
1VT18A /1HA07-67041 HP Latex 3000 Expert Uptime Kit
1VT19A /1HA07-67008 HP Latex 3000 Maintenance Kit
1HA07-67012 HP Latex 3000 Service Maintenance Kit
1HA07-67013 HP Latex 3000 Textile Service Maintenance Kit
CZ056-67390 HP Latex 3000 Cleaning Kit
HP Full Hardware Support Contract with Preventive Maintenance and Proactive Monitoring

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] for wallpaper applications

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

[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. 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. Contains no Hazardous Air Pollutants according to EPA Method 311.
[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   HP Water-Based Ink technology   i1 COLOR from hp