



HP Latex 3600 Printer

The horsepower you need for dedicated application production



See robust quality at every speed

- Print at high speeds—1290 ft²/hour¹—and suppress banding with HP Dynamic Swath Alignment, OMAS technology.
- Superior indoor quality beats UV²—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.³

Maximize uptime, stay in control

- HP helps keep you up and running with direct support, including HP remote diagnostics.⁴
- Handle production peaks, without risk—this printer is designed and tested to support up to 350,000 ft²/mo.⁵
- Stay in control in-plant and online—HP Print Beat application⁴ and printer status beacon.

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.

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://kc.hp.com/>

¹Printed in Outdoor mode (3-pass, 6-color, 80%).

²Based 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.

³The 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/E2012. 5% of colors may experience variations above the specs mentioned. Backlit substrates measured in transmission mode may yield different results.

⁴HP remote monitoring and diagnostics—including access to the HP Print Beat application—requires an upgrade to the service contract with HP.

⁵Based 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.

Technical specifications

Print

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| Printing modes | 290 ft ² /hr - High Saturation Backlits (18p 6c 230%) 470 ft ² /hr - Textiles and Canvas (10p 6c 170%) 830 ft ² /hr - Indoor High Quality (6p 6c 100%) 1290 ft ² /hr - Outdoor (3p 6c 80%) 1950 ft ² /hr - Billboard (2p 4c 70%) |
| Print resolution | Up to 1200 x 1200 dpi |
| Ink types | Waterbased HP Latex inks |
| Ink cartridges | 7 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer) |
| Cartridge size | 5L |
| Print heads | 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; ≤ 1dE2000 in Tiling mode ¹ |

Media

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| Handling | Roll-to-roll, roll-to-freefall, roll-to-collector, dual-roll, double-sided blackout, double-sided backlit (optional), ink collector (optional) |
| Media types | Banners, self-adhesive vinyls, films, papers, wall coverings, canvas, synthetics, fabrics, mesh, textiles ² |
| Roll size | Up to 126 in (single roll); Up to 2 x 61 in (dual roll) |
| Roll weight | Up to 660 lb (single roll); Up to 2 x 440 lb (dual roll) |
| Roll diameter | 15.75 in |
| Thickness | Up to 0.015 in (default); up to 0.08 in (with custom carriage height setting) |

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| Applications | Banners, Displays, Exhibition and event graphics, Exterior signage, Indoor posters, Light boxes - film; POPPOS, Textile; Vehicle graphics |
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Connectivity

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| Interfaces | Gigabit Ethernet (1000Base-T) |
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Dimensions (WxDxH)

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| Printer | 235 x 68 x 74 in |
| Shipping | 231 x 76 x 85 in |

Weight

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| Printer | 4140 lb |
| Shipping | 5820 lb |

What's in the box

HP Latex 3600 Printer, HP 881 Latex Print heads, 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

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| Operating temperature | 59 to 86°F |
| Operating humidity | 20 to 70% RH (non-condensing) |

Acoustics

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| Sound pressure | <67 dBA (operating), <60 dBA (idle) |
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Power

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

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| Safety | IEC 60950-1 A1+A2 compliant United States and Canada (CSA listed); EU (LVD and MD compliant, EN60950-1, EN12100-1, EN ISO13849-1, EN60204-1 and EN1010-1); 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), Korea (KCC) |
| Environmental | WEEE; EU RoHS; China RoHS; REACH; CE marking compliant |

Warranty

Two-year limited hardware warranty

Ordering information

Product

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| 1HA07B | HP Latex 3600 Printer |
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Accessories

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| 1ML40A | HP Latex 3000 Edge Holder Kit Day/Night Compatible |
| 4JX0A | HP 126-in Dual Roll Kit |
| 4R4W4A | HP 126-in Spindle |
| CZ059A | HP Series 1000/3000 126-in Carbon Fiber Spindle |
| CZ065A | HP Latex 3000 Ink Collector Kit |
| FV49A | HP Latex 3000 Ink Collector Foams Kit |
| G1K30B | HP 126-in Dual Roll Spindle |
| J8J4A | HP Latex 3000 Double-sided Day/Night Kit |
| L2E28A | HP Latex Jumbo Dual Roll Split Spindles |
| L5E74C | HP Large Format Caldera Grand RP Software |
| M2J33A | HP Latex in-line Slitters |
| T4E58B | HP Latex Media Saver Kit |
| Z3R55A | HP Latex 3000 Day/Night Edge Holder Kit |

Original HP printing supplies

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| 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 |
| CR339B | HP 881 Latex Cleaning Roll |

Original HP large format printing materials

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| 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 ⁵ certified ²) |

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

Service and Support

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|-------------------|-----------------------------------|
| 1UH14A/1HA0767066 | HP Latex 3000 Standard Uptime Kit |
| 1VT19A/1HA0767008 | HP Latex 3000 Maintenance Kit |

For HP Care Packs and extend the service coverage visit [options https://cpcc.ext.hp.com](https://cpcc.ext.hp.com)

ECO highlights

- Better for printing companies/operators—no special ventilation or HAPs¹
- Better for the end-customer—more differentiation—odorless prints reach more indoor spaces²
- Better for the environment—HP designs end-to-end sustainability into large-format printing
- HP Latex Inks are UL GREENGUARD GOLD Certified³ 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>.

⁴ Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS014-6/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 (155) per Annex XIV of the EU REACH directive published as of June 16, 2014 in concentration 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.

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.HPLMMedia.com/hp/ecosolutions> for details.

⁸ 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.

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>.

