



HP Latex 3600 Printer

The horsepower you need for dedicated application production



See robust quality at every speed

- Print at high speeds – 120 m² (1 290 ft²)/hr² – 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 – colour consistency ≤ 1 dE2000 (95% of colours) in tiling mode.⁴

Maximise uptime, stay in control

- HP helps keep you up and running with direct support, including HP remote diagnostics.⁵
- Handle production peaks, without risk – this printer is designed and tested to support up to 35,000 m²/month (350,000 ft²/month).¹
- Stay in control in-plant and online – HP Print Beat application⁵, printer status beacon, HP Latex Mobile.⁶

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/>

¹ Based on HP internal testing, the HP Latex 3600 Printer can reliably handle production peaks up to 35,000 m²/month (350,000 ft²/month) (in 6-pass print mode). Repeat monthly production at this volume is not recommended and may require additional maintenance.

² Printed in Outdoor mode (3-pass, 6-colour, 80%).

³ Based on HP internal testing of prints produced using Indoor High Quality mode (6-pass, 6-colour, 100%) at 77 m² (830 ft²)/hr compared to similar performance of select UV printers under €400,000 as of March 2017.

⁴ The colour variation inside a printed job, when printed with tiling optimised media, has been measured to be with maximum colour difference ≤ 1 dE2000 (95% of colours) in "Optimise 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 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 the specs mentioned. Backlit substrates measured in transmission mode may yield different results.

⁵ HP remote monitoring and diagnostics – including access to the HP Print Beat application – requires an upgrade to the service contract with HP.

⁶ 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.

⁷ The HP Latex 3000 Double-sided Day Night Kit is an optional accessory.

Technical specifications

Print	
Printing modes	27 m²/hr (290 ft²/hr) - High Saturation Back-lits (18p 6c 230%) 44 m²/hr (470 ft²/hr) - Textiles and Canvas (10p 6c 170%) 77 m²/hr (830 ft²/hr) - Indoor High Quality (6p 6c 100%) 120 m²/hr (1290 ft²/hr) - Outdoor (3p 6c 80%) 180 m²/hr (1950 ft²/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 Optimiser)
Cartridge size	10 L
Printheads	7 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, HP Latex Optimiser)
Long-term print-to-print repeatability	Maximum colour difference (95% of colours) ≤ 2 dE2000; ≤ 1 dE2000 in Tiling mode ¹
Media	
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, wallcoverings, canvas, synthetics, fabrics, mesh, textiles ²
Roll size	Up to 3.2 m (single roll); Up to 2 x 1.55 m (dual roll)
Roll weight	Up to 300 kg (single roll); Up to 2 x 200 kg (dual roll)
Roll diameter	40 cm
Thickness	Up to 0.4 mm (default); Up to 2.0 mm (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	598 x 172 x 187 cm
Shipping	586 x 193 x 216 cm
Weight	
Printer	1880 kg
Shipping	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	15 to 30°C
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; EU (LVD and MD compliant, EN60950-1, EN12100-1, EN ISO13849-1, EN60204-1, and EN1010-1); Russia, Belarus and Kazakhstan (EAC)
Electromagnetic	Compliant with Class A requirements, including: EU (EMC Directive)
Environmental	WEEE; EU RoHS; REACH; CE marking compliant
Warranty	One-year limited hardware warranty

Ordering information

Product	
1HA07A	HP Latex 3600 Printer
Accessories	
1ML40A CZ059A CZ065A D9Z41B F1V49A J8J14A L2E28A M2J33A T4E58B	HP Latex 3000 Edge Holder Kit HP Series 1000/3000 126-in Carbon Fiber Spindle HP Latex 3000 Ink Collector Kit HP Large Format Onyx Thrive RIP Software HP Latex 3000 Ink Collector Foams Kit HP Latex 3000 Double-sided Day Night Kit HP Latex 3600 Dual Roll Split Spindles HP Latex In-line Slitters HP Latex Media Saver Kit
Original HP printing supplies	
CR327A CR328A CR329A CR330A CR339B G0Y72A G0Y73A G0Y74A G0Y75A G0Y76A G0Y77A G0Y78A	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 Latex Cleaning Roll HP 3M 891 10-liter Cyan Latex Ink Cartridge HP 3M 891 10-liter Magenta Latex Ink Cartridge HP 3M 891 10-liter Yellow Latex Ink Cartridge HP 3M 891 10-liter Black Latex Ink Cartridge HP 3M 891 10-liter Light Cyan Latex Ink Cartridge HP 3M 891 10-liter Light Magenta Latex Ink Cartridge 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 ³)	
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	
<ul style="list-style-type: none">Better for printing companies/operators – no special ventilation or HAPs¹Better for the end-customer, more differentiation – odorless prints reach more indoor spaces²Better 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	
<p>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.</p> <p>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.</p> <p>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.</p>	
<p>⁴ 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. Back-lit substrates measured in transmission mode may yield different results.</p> <p>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.</p> <p>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 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.</p> <p>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.</p> <p>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.</p> <p>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.</p>	

