

HP Latex 365 Printer

Maximize your versatility with this full-feature, 1.63-m (64-in) HP Latex printer



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

Expand your applications—beat client expectations

- Print on traditional signage substrates and beyond—up to 1.63 m (64 in)—print textiles with the ink collector²
- Reach new indoor spaces that solvent can't, like healthcare—water-based HP Latex Ink prints are odorless
- Enjoy efficient, automated double-sided banner printing
- Produce sharp, consistent, repeatable image quality with high-efficiency curing, 6 colors, and 1200 dpi

Same day delivery—for highly demanding turnarounds

- High quality at high speeds—31 m² (334 ft²)/hr high-speed outdoor quality with HP OMAS, HP Latex Optimizer³
- Reach production speeds and avoid wait time—prints come out completely dry and ready to finish and deliver
- Gain productivity—reduce time between jobs with continuous printing
- You can minimize damage risk—scratch resistance is comparable to hard-solvent inks on SAV and PVC banner⁴

Keep your running costs low—boost your capacity

- Increase production time and reduce time monitoring the printer—automatic, reliable, low-maintenance printing
- Save time—HP Custom Substrate Profiling and i1 embedded spectrophotometer make ICC profiling automatic⁵
- Maintain high image quality over the life of the printer with user-replaceable HP Thermal Inkjet printheads
- Monitor your printer remotely with the free HP Latex Mobile app⁶

For more information, please visit
hp.com/go/Latex365

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

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 Performance may vary depending on media—for more information, see hp.com/go/mediasolutionslocator. For best results, use textiles that do not stretch. The ink collector is required for porous textiles.

³ Banner-quality prints in outdoor (4-pass 4-color) mode.

⁴ Estimates by HP Image Permanence Lab on a range of media. Scratch-resistance comparison based on testing HP Latex Inks and representative hard-solvent inks. Outdoor display permanence tested according to SAE J2527 using HP Latex Inks on a range of media, including HP media; in a vertical display orientation in simulated nominal outdoor display conditions for select high and low climates, including exposure to direct sunlight and water; performance may vary as environmental conditions change. Laminated display permanence using HP Clear Gloss Cast Overlaminates. Results may vary based on specific media performance.

⁵ ICC profiling with the spectrophotometer does not support uncoated textiles and backlights.

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.

HP Latex 365 Printer (1.63 m / 64 in)

HP Latex Optimizer

- Achieve high image quality at high productivity
- Interacts with HP Latex Inks to rapidly immobilize pigments on the surface of the print

End-to-end sustainability—a better approach

HP Latex Technology delivers all the certifications that matter to your operators, your business, and the environment.⁷



UL ECOLOGO⁸



Eco Mark Certification
Number 14142007⁹

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 can't.



UL GREENGUARD GOLD¹⁰

HP is designing end-to-end sustainability into large-format printing. The HP Latex 365 Printer is EPEAT Bronze registered—a designation for reduced environmental impact.¹¹



HP Latex Inks

- Scratch resistance comparable to hard-solvent inks on SAV and PVC banner—you can consider unlaminate use for short-term signage¹²
- Outdoor durability up to 5 years laminated, 3 years unlaminate¹³

HP Latex printheads

- See fine details and smooth transitions with HP 831 Latex Printheads providing 1200 dpi native resolution
- Keep day-one image quality by replacing the printheads yourself in a few minutes, without a service call

High-efficiency curing

- Prints are completely cured and dry inside the printer, and ready for immediate finishing and delivery

Easy maintenance and operation

- Accessible print zone with large window and lights
- Enjoy low-maintenance printing with automatic drop detection and nozzle replacement

HP Optical Media Advance Sensor (OMAS)

- Precise and accurate motion control of media advance between print swaths
- Controls registration automatically including double-sided prints with automated registration across sides¹⁴

⁷ 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.

⁸ 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).

⁹ HP 831 Latex Ink Cartridges, certification number 14142007, certified by the Eco Mark Office of Japan Environment Association.

¹⁰ 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.

¹¹ EPEAT registered where applicable/supported. See epeat.net for registration status by country.

¹² 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.

¹³ HP image permanence estimates by HP Image Permanence Lab. Outdoor display permanence tested according to SAE J2527 on a range of media, including HP media; in a vertical display orientation in simulated nominal outdoor display conditions for select high and low climates, including exposure to direct sunlight and water; performance may vary as environmental conditions change. Laminated display permanence using HP Clear Gloss Cast Overlaminate, GBC clear gloss 1.7 mil hot laminate, or Neschen Solvoprint Performance Clear 80 laminate. Results may vary based on specific media performance.

¹⁴ For best results use media options intended for double-sided printing.

¹⁵ ICC profiling with the spectrophotometer does not support uncoated textiles and backlits.

¹⁶ The color variation inside a printed job has been measured at 10-pass mode on vinyl media 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 Performance may vary depending on media—for more information, see hp.com/go/mediasolutionslocator. For best results, use textiles that do not stretch. The ink collector is required for porous textiles.

HP Latex 365 Printer



HP Custom Substrate Profiling

- Simplified color management, directly from the front panel, 8-inch touchscreen
- Pre-installed generic and HP substrate profile library
- Create custom ICC profiles with the i1 embedded spectrophotometer¹⁵



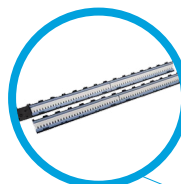
Spectrophotometer

- Color consistency for balanced production
- i1 embedded spectrophotometer enables automatic calibration¹⁵
- Delivers consistent colors to ≤ 2 dE2000¹⁶
- Color emulation workflow



Ink collector

- Expand into textile signage, no need to trim off margins
- Print on a wide variety of textiles—including porous textiles—with the ink collector¹⁷



NEW

Easy, remote online operator training

- Online self-help learning tools—from the basics on how to start operating the printer to tips such as how to grow your business with new applications

Visit: hp.com/communities/HPLatex300



NEW

HP Quick Solutions App

- Perform actions to optimize image quality
- Direct access from the front panel



HP Latex Technology

Technical specifications

| | | | |
|-------------------------------|--|--|---|
| Printing | Printing modes | 91 m ² /hr (980 ft ² /hr) - Max Speed (1 pass) 31 m ² /hr (334 ft ² /hr) - Outdoor High Speed (4 pass) 23 m ² /hr (248 ft ² /hr) - Outdoor Plus (6 pass) 17 m ² /hr (183 ft ² /hr) - Indoor Quality (8 pass) 14 m ² /hr (151 ft ² /hr) - Indoor High Quality (10 pass) 6 m ² /hr (65 ft ² /hr) - Backlits, Textiles, and Canvas (16 pass) 5 m ² /hr (54 ft ² /hr) - High Saturation Textiles (20 pass) | |
| | Print resolution | Up to 1200 x 1200 dpi | |
| | Margins | 5 x 5 x 0 x 0 mm (0.2 x 0.2 x 0 x 0 in) (without edge holders) | |
| | Ink types | HP Latex Inks | |
| | Ink cartridges | Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer | |
| | Cartridge size | 775 ml | |
| | Printheads | 6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimizer) | |
| | Color consistency ¹⁸ | Average <= 1 dE2000, 95% of colors <= 2 dE2000 | |
| | Media | Handling | Roll feed; take-up reel; automatic cutter (for vinyl, paper-based media, backlit polyester film) |
| | | Media types | Banners, self-adhesive vinyls, films, fabrics, papers, wall-coverings, canvas, synthetics, mesh, textiles |
| Roll size | | 254 to 1625-mm (10 to 64-in) rolls (580 to 1625-mm (23 to 64-in) rolls with full support) | |
| Roll weight | | 42 kg (92.6 lb) | |
| Roll diameter | | 250 mm (9.8 in) | |
| Thickness | | Up to 0.5 mm (19.7 mil) | |
| Applications | Banners, Displays, Double-sided banners, Exhibition and event graphics, Exterior signage, Indoor posters, Interior decoration, Light boxes – film, Light boxes – paper, Murals, POP/POS, Posters, Textile, Traffic signage, Vehicle graphics | | |
| Connectivity | Interfaces (standard) | Gigabit Ethernet (1000Base-T) | |
| Dimensions (w x d x h) | Printer | 2561 x 840 x 1380 mm (101 x 33 x 54 in) | |
| | Shipping | 2795 x 760 x 1250 mm (110.1 x 30 x 49.3 in) | |
| | Operating area | 2761 x 1840 mm (109 x 72 in) | |
| Weight | Printer | 216 kg (476 lb) | |
| | Shipping | 303.5 kg (671.5 lb) | |
| What's in the box | HP Latex 365 Printer, printheads, maintenance cartridge, ink collector, output platen protector, printer stand, spindle, take-up reel, variable front tension kit, loading accessory, user maintenance kit, edge holders, quick reference guide, setup poster, documentation software, power cords | | |
| Environmental ranges | Operating temperature | 15 to 30°C (59 to 86°F) | |
| | Operating humidity | 20 to 80% RH (non-condensing) | |
| Acoustic | Sound pressure | 55 dB(A) (printing); 39 dB(A) (ready); < 15 dB(A) (sleep) | |
| | Sound power | 7.4 B(A) (printing); 5.7 B(A) (ready); < 3.5 B(A) (sleep) | |
| Power | Consumption | 4.6 kW (printing); 85 watts (ready); < 2.5 watts (sleep) | |
| | Requirements | Input voltage (auto ranging) 200 to 240 VAC (-10% +10%) two wires and PE; 50/60 Hz (+/- 3 Hz); two power cords; 16 A max per power cord | |
| Certification | Safety | IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC); Australia and New Zealand (RCM) | |
| | Electromagnetic | Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI) | |
| | Environmental | ENERGY STAR, WEEE, RoHS (EU, China, Korea, India, Ukraine, Turkey), REACH, EPEAT Bronze, OSHA, CE marking compliant | |
| Warranty | One-year limited hardware warranty | | |



3M™ MCS™ Warranty

Ordering information

| | | |
|--|--|---|
| Product | V8L39A | HP Latex 365 Printer |
| Accessories | F0M56A | HP Latex 64-in Printer 2-in Spindle |
| | F0M58A | HP Latex 64-in Printer 3-in Spindle |
| | F0M59A | HP Latex 300/500 User Maintenance Kit |
| | T7U74A | HP Latex 300/500 Ink Collector |
| Original HP printheads | CZ677A | HP 831 Cyan/Black Latex Printhead |
| | CZ678A | HP 831 Yellow/Magenta Latex Printhead |
| | CZ679A | HP 831 Light Magenta/Light Cyan Latex Printhead |
| | CZ680A | HP 831 Latex Optimizer Printhead |
| Original HP ink cartridges and maintenance supplies | CZ682A | HP 831A 775-ml Black Latex Ink Cartridge |
| | CZ683A | HP 831A 775-ml Cyan Latex Ink Cartridge |
| | CZ684A | HP 831A 775-ml Magenta Latex Ink Cartridge |
| | CZ685A | HP 831A 775-ml Yellow Latex Ink Cartridge |
| | CZ686A | HP 831A 775-ml Light Cyan Latex Ink Cartridge |
| | CZ687A | HP 831A 775-ml Light Magenta Latex Ink Cartridge |
| | CZ706A | HP 831 775-ml Latex Optimizer Ink Cartridge |
| | CZ681A | HP 831 Latex Maintenance Cartridge |
| 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 and support | U9JE3E | HP 2 year Next Business Day with Defective Media Retention HW Support |
| | U9JE4E | HP 3 year Next Business Day with Defective Media Retention HW Support |
| | U9JE7PE | HP 1 year Post Warranty Next Business Day with Defective Media Retention HW Support |
| | U9JE8PE | HP 2 year Post Warranty Next Business Day with Defective Media Retention HW Support |

¹⁸ 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.

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 UL's GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg/greenguard.org.



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HP Latex cutting solutions

Grow your business by enhancing your HP Latex printer with our unique print AND cut workflow¹



HP FlexiPRINT and CUT RIP

The HP solution—best in its class²

- Cut full bleed stickers that don't shrink or curl when printed with HP Latex Technology
- Enjoy accurate high-speed cutting and cut throughs; LAN connectivity and HP media basket add convenience
- Optimized workflow management from a single point—includes unique software with barcode integration
- Design applications in 3 simple steps—no design skills are needed with HP Signage Suite in box³

True print AND cut

- Print AND cut at the same time—versus print OR cut with solvent—with HP's reliable, dual-device solution
- Cut right away when printing with HP Latex Technology—with no degas time, you can deliver same day
- Quickly deliver short-term print and cut jobs, with no need to laminate scratch-resistant HP Latex prints⁴

Easy, reliable workflow

- Print and cut in 5 simple steps—add cut lines from the RIP, predefined cutting presets, easy user interface
- Efficient job recognition and reliable, error-free cutting—Optical Positioning System and HP Barcode
- Avoid the complexity of other dual devices with a cutting solution designed for your HP Latex printer¹

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

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

¹ The HP FlexiPRINT and CUT RIP is designed for the HP Latex 300 and 100 series printers. For compatibility with other HP Latex printers, a RIP upgrade is required.

² Based on productivity and environmental advantages compared to the leading (per IDC market share numbers, March 2017) and comparably priced solvent-technology-based integrated print and cut solution. HP internal productivity testing performed February 2017. The HP Latex Print and Cut Solution also uses HP Latex inks that meet UL ECOLOGO® Certification to UL 2801, demonstrating that an ink meets a range of multi-attribute, lifecycle based criteria related to human health and environmental considerations (see ul.com/EL).

³ Requires an HP Applications Center account, Internet connection, and connected Internet-capable device. For more information, see <http://www.hpapplicationscenter.com>.

⁴ You can consider unlaminate use for short-term signage with scratch resistance 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.

Help me choose



| | HP Latex 54 Basic Cutting Solution | HP Latex 54 Cutting Solution | HP Latex 64 Cutting Solution |
|--|--|--|---|
| Description | Start with this easy and affordable 54-inch cutting solution | Grow with this 54-inch business-ready cutting solution | Expand into wider applications with this 64-inch cutting solution |
| Maximum cut width | 135 cm (53.1 in) Only for standard media sizes | 135 cm (53.1 in) | 158 cm (62.2 in) |
| Maximum acceleration | Up to 0.9 G in substrates wider than 29-in | Up to 3G | Up to 3G |
| Maximum cut speed | Up to 84 cm/sec (33 in/sec) diagonal in substrates wider than 29-in | Up to 113 cm/sec (44 in/sec) diagonal | Up to 113 cm/sec (44 in/sec) diagonal |
| Accuracy | 0.2% of movement or 0.25 mm, (0.01 in) whichever is greater | | |
| Cut force | 0 to 400 grams of downforce, in 5-gram steps | | |
| Cut thickness | 0.05 to 0.25 mm (0.002 to 0.01 in); 0.8 mm (0.03 in) with optional sandblast blade | | |
| Connectivity (standard interfaces) | USB and Ethernet (LAN) | | |
| Cutter dimensions (w x d x h) | 1750 x 680 x 1145 mm (68.9 x 26.8 x 45.1 in) | 1750 x 680 x 1145 mm (68.9 x 26.8 x 45.1 in) | 1980 x 680 x 1145 mm (77.9 x 26.8 x 45.1 in) |
| Cutter (shipping) dimensions (w x d x h) | 1880 x 480 x 670 mm (74 x 18.9 x 26.4 in) | 1880 x 480 x 670 mm (74 x 18.9 x 26.4 in) | 2110 x 480 x 670 mm (83.1 x 18.9 x 26.4 in) |
| Cutter weight | 48 kg (106 lb) | 48 kg (106 lb) | 54 kg (119 lb) |
| Cutter (shipping) weight | 69 kg (152 lb) | 69 kg (152 lb) | 78 kg (172 lb) |
| What's in the box | HP Latex cutter, cutter stand, media basket, HP FlexiPrint and Cut RIP, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1), standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) | | |
| Warranty | One-year limited hardware warranty | | |

Powered by:



Applications



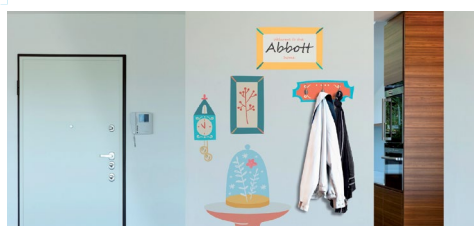
LABELS AND STICKERS



CUSTOMIZABLE CLOTHING



FLOOR GRAPHICS



WALLS DECALS



WINDOW GRAPHICS



VEHICLE GRAPHICS

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