HP Latex 365 Printer

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

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 collector
- 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 Optimizer
- 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 banner

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 automatic
- 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 app

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 vertical display orientation in simulated 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. 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)

**End-to-end sustainability—a better approach**

HP Latex Technology delivers all the certifications that matter to your operators, your business, and the environment.²

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

**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 Latex Technology**
- Delivers consistent colors to <= 2 dE2000³
- i1 embedded spectrophotometer enables automatic calibration³
- Color consistency for balanced production
- Color emulation workflow

**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 sides³

**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

**HP Latex 365 Printer**
- Direct access from the front panel
- Perform actions to optimize image quality
- Use i1 embedded spectrophotometer to create custom ICC profiles with the i1 embedded spectrophotometer³

**Spectrophotometer**
- Color consistency for balanced production
- i1 embedded spectrophotometer enables automatic calibration³
- Delivers consistent colors to <= 2 dE2000³
- 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 collector³

**End-to-end sustainability—a better approach**

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.²

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.

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**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

**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 spectrophotometer³

**HP Quick Solutions App**
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**HP Latex Inks**
- Scratch resistance comparable to hard-solvent inks on SAV and PVC banner—you can consider un laminated use for short-term signage¹²
- Outdoor durability up to 5 years laminated, 3 years unlaminated¹³

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Technical specifications

Printing
- Printing modes: 91 m²/hr (980 ft²/hr) - Max Speed (1 pass)
- 31 m²/hr (334 ft²/hr) - Outdoor High Speed (4 pass)
- 23 m²/hr (248 ft²/hr) - Outdoor Plus (6 pass)
- 17 m²/hr (187 ft²/hr) - Indoor Quality (8 pass)
- 14 m²/hr (151 ft²/hr) - Indoor High Quality (10 pass)
- 6 m²/hr (65 ft²/hr) - Backprints, Textiles, and Canvas (16 pass)
- 5 m²/hr (54 ft²/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: Average <= 1 dE2000, 90% of colors <= 2 dE2000

Media
- Handling: Roll feed, take-up reel, automatic cutter (for vinyl, paper-based media, backprint 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, Outdoor 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, spindles, 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 dBA (printing); 39 dBA (ready); < 15 dBA (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+A12+A2 compliant; USA and Canada (ICSA 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, Breathe Bronze, OSHA, CE marking compliant

Warranty
- One-year limited hardware warranty

Ordering information

Product
- V8L29A 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
- 7TU4A HP Latex 300/500 Ink Collector

Original HP printheads
- C2677A HP B31 Cyan/Black Latex Printhead
- C2678A HP B31 Yellow/Magenta Latex Printhead
- C2679A HP B31 Light Magenta/Light Cyan Latex Printhead
- C2680A HP B31 Latex Optimizer Printhead

Original HP ink cartridges and maintenance supplies
- C2682A HP B31A 775-ml Black Latex Ink Cartridge
- C2683A HP B31A 775-ml Cyan Latex Ink Cartridge
- C2684A HP B31A 775-ml Magenta Latex Ink Cartridge
- C2685A HP B31A 775-ml Yellow Latex Ink Cartridge
- C2686A HP B31A 775-ml Light Cyan Latex Ink Cartridge
- C2687A HP B31A 775-ml Light Magenta Latex Ink Cartridge
- C2687A HP B31A 775-ml Latex Optimizer Ink Cartridge
- C2688A HP B31A 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
- HP Backlit Polyester Film
- HP PVC-free Durable Smooth Wall Paper REACH, FSC® certified, UL GREENGUARD GOLD certified
- HP Premium Poster Paper

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

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