HP Latex 375 Printer

More unattended printing—up to 1.63 m (64 in)—at lower cost of operation

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

- Get higher margins[2] printing on traditional signage substrates and beyond—even textiles[3]—up to 1.63 m (64 in)
- 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 with more unattended production

- High quality at high speeds—31 m^2 (334 ft^2)/hr high-speed outdoor quality with HP OMAS, HP Latex Optimizer[4]
- Increase unattended printing with confidence—change 3-liter HP Latex Ink cartridges while the printer runs
- Reach production speeds and avoid wait time—prints come out completely dry and ready to finish and deliver
- You can minimize damage risk—scratch resistance is comparable to hard-solvent inks on SAV and PVC banner[5]

Keep running costs low with 3-liter ink cartridges

- Help reduce your cost per print with cost-effective, 3-liter HP 871 Latex Ink Cartridges[2]
- Reduce time—HP Custom Substrate Profiling and i1 embedded spectrophotometer make ICC profiling automatic[6]
- 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[7]

For more information, please visit
hp.com/go/Latex375

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] For the HP Latex 375 Printer using cost-effective, high-capacity HP 871 3-liter Latex Ink Cartridges compared to the HP Latex 365 Printer using HP 831 775-ml Latex Ink Cartridges.

[3] 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.

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

[5] 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 Overlaminate. Results may vary based on specific media performance.

[6] ICC profiling with the spectrophotometer does not support uncoated textiles and backlits.

[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.

HP Latex 375 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.[8]

UL ECOLOGO[9]

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 GOLD[10]

HP is designing end-to-end sustainability into large-format printing. The HP Latex 560 Printer is EPEAT Bronze registered—a designation for reduced environmental impact.[11]

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 Inks

- Scratch resistance comparable to hard-solvent inks on SAV and PVC banner—you can consider unlaminated use for short-term signage[12]
- Outdoor durability up to 5 years laminated, 3 years unlaminated[13]

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 sides[14]

[8] 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.

[9] 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).

[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.

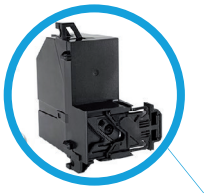
[16] The color variation inside a printed job has been measured at 10-pass mode on vinyl media within this limit: maximum color difference (95% of colors) <= 2 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft 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.

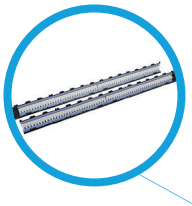
HP Latex 375 Printer

3-liter high-capacity HP ink cartridges
- Enjoy more unattended printing
- Reduce expense with cost-effective 3-liter HP Latex ink cartridges

HP Custom Substrate Profiling
- Simplified color management, directly from the front panel, 8-inch touchscreen
- Pre-installed generic and HP substrate online profile library
- Create custom ICC profiles with the i1 embedded spectrophotometer[15]



Spectrophotometer
- Color consistency for balanced production
- i1 embedded spectrophotomer enables automatic calibration[15]
- Delivers consistent colors to <= 2 dE2000[16]
- 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 collector[17]

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 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 (183 ft²/hr) - Indoor Quality (8 pass)
		14 m²/hr (151 ft²/hr) - Indoor High Quality (10 pass)
		6 m²/hr (65 ft²/hr) - Backlits, 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	3 liter, 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 1705 mm (110.1 x 30 x 67.2 in)
	Operating area	2761 x 1840 mm (109 x 72 in)
Weight	Printer	231.5 kg (510 lb)
	Shipping	333.5 kg (734.5 lb)
What's in the box	HP Latex 375 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	

Ordering information

Product	V8N83A	HP Latex 375 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	G0Y79C	HP 871C 3-liter Cyan Latex Ink Cartridge
	G0Y80C	HP 871C 3-liter Magenta Latex Ink Cartridge
	G0Y81C	HP 871C 3-liter Yellow Latex Ink Cartridge
	G0Y82C	HP 871C 3-liter Black Latex Ink Cartridge
	G0Y83C	HP 871C 3-liter Light Cyan Latex Ink Cartridge
	G0Y84C	HP 871C 3-liter Light Magenta Latex Ink Cartridge
	G0Y85A	HP 871 3-liter Latex Optimizer Ink Cartridge
	CZ694A	HP 831C 775-ml Black Latex Ink Cartridge
	CZ695A	HP 831C 775-ml Cyan Latex Ink Cartridge
	CZ696A	HP 831C 775-ml Magenta Latex Ink Cartridge
	CZ697A	HP 831C 775-ml Yellow Latex Ink Cartridge
	CZ698A	HP 831C 775-ml Light Cyan Latex Ink Cartridge
	CZ699A	HP 831C 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	U9JF1E	HP 2 year Next Business Day with Defective Media Retention HW Support
	U9JF2E	HP 3 year Next Business Day with Defective Media Retention HW Support
	U9JF5PE	HP 1 year Post Warranty Next Business Day with Defective Media Retention HW Support
	U9JF6PE	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 or greenguard.org.

3M™ MCS™ Warranty

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