REPRO PRODUCTS

HP Latex 335 Printer

Gain affordable access to outdoor and indoor signage up to 1.63 m (64 in)

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

- Offer more—print on traditional signage substrates and beyond—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
- Win new clients on eco standards—UL ECOLOGO®, UL GREENGUARD GOLD Certified inks; prints meet AgBB criteria[2]
- Produce sharp, consistent, repeatable image quality with high-efficiency curing, 6 colors, and 1200 dpi

Same-day delivery—you can say "yes" to every job

- Eliminate waiting time—prints come out completely dry and ready for finishing and delivery
- Produce high quality at speed—13 m^2 (140 ft^2)/hr indoor quality with HP OMAS and HP Latex Optimizer[3]
- Deliver jobs immediately with the automatic X-axis cutter
- You can minimize damage risk—scratch resistance is comparable to hard-solvent inks on SAV and PVC banner[4]

Keep costs low—start with an affordable investment

- Increase production time and reduce time monitoring the printer—automatic, reliable, low-maintenance printing
- Use optimized profiles, customize yours—HP Quick Substrate Profiling; easy FlexiPrint HP Edition RIP inbox
- 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[5]

For more information, please visit
hp.com/go/Latex335

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] 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). 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/qg or greenguard.org. HP WallArt printed on HP PVC-free Wall Paper and other prints on HP PVC-free Wall Paper printed with HP Latex Inks meet AgBB criteria for health-related evaluation of VOC emissions of indoor building products, see umweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-building.

[3] Indoor quality (8-pass 6-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 Overlaminate. Results may vary based on specific media performance.

[5] 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 335 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.[6]

UL ECOLOGO[7]

Eco Mark Certification Number 14142007[8]

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[9]

HP is designing end-to-end sustainability into large-format printing. The HP Latex 335 Printer is EPEAT Bronze registered—a designation for reduced environmental impact.[10]

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[11]
- Outdoor durability up to 5 years laminated, 3 years unlaminated[12]

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

NEW

HP Optical Media Advance Sensor (OMAS)

- Precise and accurate motion control of media advance between print swaths

[6] 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.

[7] 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).

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

[9] 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.

[10] EPEAT registered where applicable/supported. See epeat.net for registration status by country.

[11] 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.

[12] 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.

[13] 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.

HP Latex 335 Printer

Media handling
- Load rolls up to 42 kg (92.6 lb)
- Take-up reel included for unattended printing

SAi FlexiPrint HP Edition
- Intuitive SAi FlexiPrint HP Edition RIP included inbox

HP Quick Substrate Profiling
- Simplified color management, directly from the front panel, 4-inch touchscreen
- Pre-installed generic and HP substrate profile library
- Online substrate library access from the front panel

Color consistency
- Print panels or tiles with excellent color consistency for an edge-to-edge match
- Delivers consistent colors to <= 2 dE2000[13]

NEW

Automatic cutter
- Cut efficiently and deliver jobs immediately with the automatic X-axis cutter
- For vinyl, paper-based media, and backlit polyester film

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

HP Latex Technology

Technical specifications

Printing	Printing modes	50 m²/hr (538 ft²/hr) - Billboard (2 pass)
		23 m²/hr (248 ft²/hr) - Outdoor High Speed (4 pass)
		17 m²/hr (183 ft²/hr) - Outdoor Plus (6 pass)
		13 m²/hr (140 ft²/hr) - Indoor Quality (8 pass)
		10 m²/hr (108 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 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)
	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, light cyan/light magenta, 1 HP Latex Optimizer)
	Color consistency[14]	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, papers, wallcoverings, canvas, synthetics, (fabrics, mesh, textiles and any other porous materials require a liner)
	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, Exhibition and event graphics, Exterior signage, Indoor posters, Interior decoration, Light boxes – film, Light boxes – paper, Murals, POP/POS, Posters, 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)
Weight	Printer	208 kg (459 lb)
	Shipping	290 kg (639.5 lb)
What's in the box	HP Latex 335 Printer, printheads, maintenance cartridge, printer stand, spindle, take-up reel, variable front tension kit, user maintenance kit, edge holders, quick reference guide, setup poster, documentation software, FlexiPrint HP Edition RIP, 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	2.6 kW (printing); 72 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; 3 A max for printer and 16 A max per curing
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	V7L47A	HP Latex 335 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
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[15]	
	HP Backlit Polyester Film ♻[16]	
	HP PVC-free Durable Smooth Wall Paper REACH,[15] FSC® certified,[17] UL GREENGUARD GOLD Certified[18]	
	HP Premium Poster Paper♻[16] FSC® certified[17]	
	For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.	
Service and support	U9JD5E	HP 2 year Next Business Day with Defective Media Retention HW Support
	U9JD6E	HP 3 year Next Business Day with Defective Media Retention HW Support
	U9JD9PE	HP 1 year Post Warranty Next Business Day with Defective Media Retention HW Support
	U9JE0PE	HP 2 year Post Warranty Next Business Day with Defective Media Retention HW Support

[14] 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.

[15] 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.

[16] 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.

[17] 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.

[18] 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.

4AA6-5970ENA, September 2016