

HP Latex 115 Printer



Grow your signage business with easy, versatile indoor/outdoor large-format printing up to 54 inches



Gain business with amazing image quality

- Print a wide range of high-quality indoor and outdoor signage, even on low-cost uncoated media.
- Impress with six colors of HP Latex inks—you can achieve amazing, vivid colors and smooth transitions.
- Produce professional, high-resolution prints up to 1200 x 1200 native dpi.
- Free solutions—from the HP Signage Suite² to the HP WallArt Suite³—help you bring your ideas to life.

Deliver same day—say yes to any job¹

- Produce high quality at speed—129 ft²/hr for indoor quality.⁵
- Reduce waiting time—prints come out dry and ready for finishing and installation, for same-day delivery.
- You can minimize damage risk, avoid lamination for short-term applications with scratch-resistant prints.⁴
- Deliver with confidence—outdoor prints last up to 5 years laminated, 3 years un laminated.⁴

Enjoy easy and intuitive operation

- Simplify printer operation and gain time/space with automatic maintenance and front-media loading capabilities
- Cut your jobs easily and efficiently with the automatic X-axis cutter.
- Replace HP Latex ink cartridges and printheads yourself; unplug the printer without risk of printhead damage.
- Stay connected with your printer in real time while you're away with the free HP Latex Mobile app.⁶

For more information, please visit <http://www.hp.com/go/Latex115> Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at <https://hplatexknowledgecenter.com/>

¹ The HP Latex 115 Printer produces an extremely broad range of both outdoor and indoor applications from a single device, which surpasses the number of different applications that traditional eco-solvent printers or water-based printers can produce.

² Requires an HP Applications Center account, Internet connection, and connected Internet-capable device. For more information, see <http://www.hpapplicationscenter.com>.

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

⁴ Scratch resistance is comparable to hard-solvent inks on self-adhesive vinyl and PVC banner. 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 Indoor quality (8-pass 6-color) mode.

⁶ HP Latex Mobile is compatible with Android™ 4.1.2 or later and iOS 7 or later, and requires the printer and the smartphone or tablet to be connected to the Internet.

Technical specifications

Print

Printing modes	517 ft ² /hr (48 m ² /hr)- Billboard (2 pass) 174 ft ² /hr (16 m ² /hr)- Outdoor Plus (6 pass) 129 ft ² /hr (12 m ² /hr)- Indoor Quality (8 pass) 108 ft ² /hr (10 m ² /hr)- Indoor High Quality (10 pass) 65 ft ² /hr (6 m ² /hr)- Backlits, Textiles, and Canvas (16 pass) 54 ft ² /hr (5 m ² /hr)- High Saturation Textiles (20 pass)
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Print resolution	Up to 1200 x 1200 dpi
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Ink types	Water-based HP Latex Inks
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Ink cartridges	7 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer)
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Cartridge size	400 ml
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Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimizer)
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Long-term print-to-print repeatability	Average \leq 1 dE2000, 95% of colors \leq 2 dE2000 ¹
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Media

Handling	Roll feed, take-up reel (optional), automatic cutter (for vinyl, paper-based media, backlit polyester film)
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Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, (fabrics, mesh, textiles, and any other porous materials require a liner)
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Roll size	10 to 54-in (254 to 1371) rolls; 23 to 54-in (580 to 1371)-mm rolls with full support
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Roll weight	55 lb (25 kg)
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Roll diameter	7.1 in (180 mm)
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Thickness	Up to 19.7 mil (Up to 0.5 mm)
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Applications	Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Vehicle graphics
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Connectivity

Interfaces	Gigabit Ethernet (1000Base-T)
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Dimensions (w x d x h)

Printer	91 x 33 x 54 in (2307 x 840 x 1380 mm)
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Shipping	101 x 30 x 50 in (2553 x 762 x 1252 mm)
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Weight

Printer	384 lb (174 kg)
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Shipping	568 lb (258kg)
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What's in the box	HP Latex 115 Printer, printheads, maintenance cartridge, printer stand, spindle, user maintenance kit, edge holders, quick reference guide, setup poster, documentation software, FlexiPrint BASIC HP Edition RIP, power cords
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Environmental ranges

Operating temperature	59 to 86°F (15 to 30°C)
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Operating humidity	20 to 80% RH (non-condensing)
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Acoustics

Sound pressure	54 dB(A) (operating), 38 dB(A) (idle), <15 dB(A) (sleep)
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Sound power	7.2 B(A) (operating), 5.5 B(A) (idle), <3.5 B(A) (sleep)
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Power

Consumption	2.2 kW (printing), 70 W (ready), <2.5 W (sleep)
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Requirements	Input voltage (auto ranging) 200-240 V two wires and PE; 50/60 Hz; two power cords; 3 A max for printer and 13 A max per curing
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Certification

Safety	IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed)
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Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), China (CCC), Japan (VCCI), Korea (KCC), Russia, Belarus, and Kazakhstan (EAC)
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Environmental	ENERGY STAR; WEEE; REACH; EPEAT Bronze; OSHA
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Warranty	1 year provided that the HP Latex End of Installation Registration is completed by an HP authorized reseller
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Ordering information

Product

1QE01A	HP Latex 115 Printer
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Accessories

F0M55A	HP Latex 54-in Printer 2-in Spindle
F0M59A	HP Latex User Maintenance Kit
F0M64A	HP Series 300/500 Edge Holder Kit
W5A60A	HP Latex 54-in Take-up Reel

Original HP printing supplies

CZ677A	HP B31 Cyan/Black Latex Printhead
CZ678A	HP B31 Yellow/Magenta Latex Printhead
CZ679A	HP B31 Light Magenta/Light Cyan Latex Printhead
CZ680A	HP B31 Latex Optimizer Printhead
CZ681A	HP B31 Latex Maintenance Cartridge
GOY86A	HP B21 400-ml Cyan Latex Ink Cartridge
GOY87A	HP B21 400-ml Magenta Latex Ink Cartridge
GOY88A	HP B21 400-ml Yellow Latex Ink Cartridge
GOY89A	HP B21 400-ml Black Latex Ink Cartridge
GOY90A	HP B21 400-ml Light Cyan Latex Ink Cartridge
GOY91A	HP B21 400-ml Light Magenta Latex Ink Cartridge
GOY92A	HP B21 400-ml Latex Optimizer Ink Cartridge

Original HP large format printing materials

HP Permanent Gloss Adhesive Vinyl (REACH certified ²)
HP Backlit Polyester Film ³
HP PVC-free Durable Smooth Wall Paper (REACH ² , FSC ⁴ , UL GREENGUARD GOLD certified ⁵)
HP Premium Poster Paper ³ (FSC ⁴ certified ¹)

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

U9TR5E	HP 2 year NBD with Defective Media Retention
U9TR6E	HP 3 year NBD with Defective Media Retention
U9TR9PE	HP 1 year Post Warranty NBD with Defective Media Retention
U9TS0PE	HP 2 year Post Warranty NBD with Defective Media Retention

ECO highlights

- Better for printing companies/operators—no special ventilation or HAPs¹
- Better for the end-customer, more differentiation—odorless prints reach more indoor spaces¹
- Better for the environment—HP designs end-to-end sustainability into large-format printing
- HP Latex Inks are UL GREENGUARD GOLD Certified²

Please recycle printing hardware and eligible printing supplies. Find out how at our website: <http://www.hp.com/ecosolutions>

¹ 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. Odorless prints: 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.

² 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>.

³ Applicable to select HP Latex printers. EPEAT[®] registered where applicable. EPEAT registration varies by country. See [epeat.net](http://www.epeat.net) for registration status by country. See HP's 3rd party option store for solar energy accessory <http://www.hp.com/go/options>.

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¹ 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. Backlit substrates measured in transmission mode may yield different results.

² 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.

³ 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/hplfecosolutions> for details.

⁴ 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.

⁵ 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>.

