HP Latex 115 Printer

Grow your signage business with easy, versatile indoor/outdoor large-format printing up to 1.37 m

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 colours of HP Latex inks – you can achieve amazing, vivid colours and smooth transitions.
- Produce professional, high-resolution prints up to 1200 x 1200 native dpi.
- Free solutions – from the HP Signage Suite[2] to the HP WallArt Suite[3] – help you bring your ideas to life.

Deliver same day – say yes to any job[1]

- Produce high quality at speed – 12 m²/hr for indoor quality.[4]
- Reduce waiting time – prints come out dry and ready for finishing and installation, for same-day delivery.
- You can minimise damage risk, avoid lamination for short-term applications with scratch-resistant prints.[5]
- Deliver with confidence – outdoor prints last up to 5 years laminated, 3 years unlaminated.[5]

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] Indoor quality (8-pass 6-colour) mode.
[5] 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.
[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	48 m²/hr – Billboard (2 pass) 16 m²/hr – Outdoor Plus (6 pass) 12 m²/hr – Indoor Quality (8 pass) 10 m²/hr – Indoor High Quality (10 pass) 6 m²/hr – Backlits, Textiles, and Canvas (16 pass) 5 m²/hr – High Saturation Textiles (20 pass)
Print resolution	Up to 1200 x 1200 dpi
Ink types	Water-based HP Latex Inks
Ink cartridges	7 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer)
Cartridge size	400 ml
Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimizer)
Long-term print-to-print repeatability	Average ≤ 1 dE2000, 95% of colours ≤ 2 dE2000[1]

Media

Handling	Roll feed, take-up reel (optional), 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 1371-mm rolls (580 to 1371-mm rolls with full support)
Maximum roll weight	25 kg
Maximum roll diameter	180 mm
Thickness	Up to 0.5 mm

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

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T)

Dimensions (W x D x H)

Printer	2307 x 840 x 1380 mm
Shipping	2553 x 762 x 1252 mm

Weight

Printer	174 kg
Shipping	257.5 kg

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

Environmental ranges

Operating temperature	15 to 30ºC
Operating humidity	20 to 80% RH (non-condensing)

Acoustics

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

Power

Consumption	2.2 kW (printing), 70 W (ready), <2.5 W (sleep)
Requirements	Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 3 A max for printer and 13 A max per curing

Certification

Safety	IEC 60950-1+A1+A2 compliant; EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC)
Electromagnetic	Compliant with Class A requirements, including: EU (EMC Directive), Russia, Belarus, and Kazakhstan (EAC)
Environmental	ENERGY STAR; WEEE; RoHS (EU, Ukraine, Turkey); REACH; EPEAT Bronze; OSHA; CE marking compliant

Warranty

1 year provided that the HP Latex End of Installation Registration is completed by an HP authorized reseller

Ordering information

Product

1QE01A	HP Latex 115 Printer

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 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
CZ681A	HP 831 Latex Maintenance Cartridge
G0Y86A	HP 821 400-ml Cyan Latex Ink Cartridge
G0Y87A	HP 821 400-ml Magenta Latex Ink Cartridge
G0Y88A	HP 821 400-ml Yellow Latex Ink Cartridge
G0Y89A	HP 821 400-ml Black Latex Ink Cartridge
G0Y90A	HP 821 400-ml Light Cyan Latex Ink Cartridge
G0Y91A	HP 821 400-ml Light Magenta Latex Ink Cartridge
G0Y92A	HP 821 400-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® certified[4])

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

Service and Support

U9TR5E HP 2 year Next Business Day with Defective Media Retention
U9TR6E HP 3 year Next Business Day with Defective Media Retention
U9TR9PE HP 1 year Post Warranty Next Business Day with Defective Media Retention
U9TS0PE HP 2 year Post Warranty Next Business Day with Defective Media Retention

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[1] Reflective measurements on a 943 colour 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/hp/ecosolutions 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.