Colyer.

HP Latex 115 Print and Cut Solution

Start – with this easy, affordable 1.37 m HP Latex print and cut solution

The HP solution – best in its class[1]

- Print more applications, full bleed stickers don't shrink or curl; reach more indoor spaces.
- Enjoy accurate high-speed cutting and cut throughs; LAN connectivity and HP media basket add convenience.
- Optimised workflow management from a single point – includes unique software with barcode integration.
- Design applications in 3 simple steps – no design skills are needed with HP Signage Suite in box.[2]

True print AND cut

- Print AND cut at the same time – versus print OR cut with solvent – with this reliable, dual-device solution.
- Avoid solvent wait time – prints come out dry, cut/laminate right away with no degas time, and deliver same day.
- Avoid lamination for short-term applications – scratch resistance is comparable to hard-solvent inks.[3]

Easy, reliable workflow

- Print and cut in 5 simple steps – add cut lines from the RIP, predefined cutting presets, easy user interface.
- Efficient job recognition and reliable, error-free cutting – Optical Positioning System (OPOS) and HP Barcode.
- Avoid the complexity of other dual-devices – this complete HP solution is designed to work as one.

For more information, please visit http://www.hp.com/go/latex115printandcut

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at https://hplatexknowledgecenter.com/

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 Optimiser)
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)
Roll weight	25 kg
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; POP/POS; Posters; Vehicle graphics; Customizable clothing; Floor graphics; Labels and stickers; Wall decals; Window graphics

Connectivity

Interfaces	Printer: Gigabit Ethernet (1000Base-T); Cutter: USB and Ethernet (LAN)

Dimensions (w x d x h)

Printer	Printer: 2307 x 840 x 1380 mm; Cutter: 1750 x 680 x 1145 mm
Shipping	Printer: 2553 x 762 x 1252 mm; Cutter: 1880 x 480 x 670 mm

Weight

Printer	Printer: 174 kg; Cutter: 48 kg
Shipping	Printer: 257.5 kg; Cutter: 69 kg

What's in the box

Printer: HP Latex 115 Printer, printheads, maintenance cartridge, printer stand, spindle, user maintenance kit, edge holders, quick reference guide, setup poster, power cords; Cutter: HP Latex 54 Basic Cutter, cutter stand, media basket, HP FlexiPrint and Cut RIP, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1), standard blades (2), cut-off knife (1), 3-in media flanges (set of 2)

Environmental ranges

Operating temperature	Printer: 15 to 30ºC; Cutter: 15 to 35ºC
Operating humidity	Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing)

Acoustics

Sound pressure	Printer: 54 dB(A); Cutter: 56 dB(A)
Sound power	Printer: 7.2 B(A) (operating), 5.5 B(A) (idle), <3.5 B(A) (sleep); Cutter: 7.0 B(A) (operating)

Power

Consumption	Printer: 2.2 kW (printing), 70 W (ready), <2.5 W (sleep); Cutter: 31 W (working mode)
Requirements	Printer: 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; Cutter: AC 100-240 V (±10%); 50/60 Hz, 85 VA max; 2 A

Certification

Safety	IEC 60950-1+A1+A2 compliant; EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC)
Electromagnetic	Printer: Compliant with Class A requirements, including EU (EMC Directive), Russia, Belarus, and Kazakhstan (EAC); Cutter: Compliant with Class A requirements, including EU (EMC Directive)
Environmental	Printer: ENERGY STAR; WEEE; RoHS (EU, Ukraine, Turkey); REACH; EPEAT Bronze; OSHA; CE marking compliant; Cutter: WEEE, RoHS (EU); CE marking compliant; REACH
Warranty	1 year provided that the HP Latex End of Installation Registration is completed by an HP authorized reseller

Cutting

Cut type	Drag-knife with TurboCut and Tangential emulation modes
Cut width	135 cm
Cut speed	Up to 84 cm/sec diagonal (113 cm/sec for media narrower than 737 mm)
Acceleration	Up to 0.9 G diagonal (3 G for media narrower than 737 mm)
Accuracy	0.2% of movement or 0.25 mm, whichever is greater
Repeatability	±0.1 mm
Cut force	0 to 400 grams of downforce, in 5-gram steps
Cut thickness	0.05 to 0.25 mm; 0.8 mm with optional sandblast blade

Ordering information

Product

1LH39A	HP Latex 115 Print and Cut Solution

Accessories

1UX44A	HP Latex Standard Blade Kit
1UX45A	HP Latex Specialty Blade Kit
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

Service and Support

U9TS3E HP 2 year Next Business Day with Defective Media Retention
U9TS4E HP 3 year Next Business Day with Defective Media Retention
U9TS7PE HP 1 year Post Warranty Next Business Day with Defective Media Retention
U9TS8PE HP 2 year Post Warranty Next Business Day with Defective Media Retention

ECO highlights

- Better for printing companies/operators – no special ventilation or HAPs[1]
- Better for the end-customer, more differentiation – odorless prints reach more indoor spaces[1]
- Better for the environment – HP designs end-to-end sustainability into large-format printing
- HP Latex Inks are UL GREENGUARD GOLD Certified[2]

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.

[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.

For more information, contact your

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