HP Latex 335 Print and Cut Solution

Expand – into wider applications with this 1,63 m (5.34 ft) true 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/latex335printandcut

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

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[1] Based on productivity advantages compared to the leading (per IDC market share numbers, March 2017) and comparably priced solvent-technology-based integrated print and cut solution. HP internal productivity testing performed February 2017.
[2] Requires an HP Applications Center account, Internet connection, and connected Internet-capable device. For more information, see http://www.hpapplicationscenter.com.
[3] You can consider unlaminated use for short-term signage with scratch resistance comparable to hard-solvent inks on self-adhesive vinyl and PVC banner. 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.

Technical specifications

Print

Printing modes	50 m²/hr - Billboard (2 pass) 23 m²/hr - Outdoor High Speed (4 pass) 17 m²/hr - Outdoor Plus (6 pass) 13 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	775 ml
Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimiser)
Long-term print-to-print repeatability	Average ≤ 1 dE2000, 95% of colours ≤ 2 dE2000[1]

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 rolls (580 to 1625-mm rolls with full support)
Roll weight	42 kg
Roll diameter	250 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: 2561 x 840 x 1380 mm; Cutter: 1980 x 680 x 1145 mm
Shipping	Printer: 2795 x 760 x 1250 mm; Cutter: 2110 x 480 x 670 mm

Weight

Printer	Printer: 208 kg; Cutter: 54 kg
Shipping	Printer: 290 kg; Cutter: 78 kg
What's in the box	Printer: 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, power cords; Cutter: HP Latex 64 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: 55 dB(A) (operating), 39 dB(A) (idle), <15 dB(A) (sleep); Cutter: 56 dB(A) (operating)
Sound power	Printer: 7.4 B(A) (operating), 5.7 B(A) (idle), <3.5 B(A) (sleep); Cutter: 7.0 B(A) (operating)

Power

Consumption	Printer: 2.6 kW (printing), 72 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 per printer power cord; 16 A max per curing power cord; Cutter: AC 100-240 V (±10%); 50/60 Hz, 85 VA max

Certification

Safety	Printer: 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)
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	Printer: 1 year limited hardware warranty; Cutter: 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	158 cm
Cut speed	Up to 113 cm/sec diagonal
Acceleration	Up to 3 G diagonal
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

1LH37A	HP Latex 335 Print and Cut Solution

Accessories

1UX44A	HP Latex Standard Blade Kit
1UX45A	HP Latex Specialty Blade Kit
F0M56A	HP Series 300 64-in Printer 2-in Spindle
F0M58A	HP Series 300 64-in Printer 3-in Spindle
F0M59A	HP Latex User Maintenance Kit
F0M64A	HP Series 300/500 Edge Holder Kit
T4E58B	HP Latex Media Saver Kit

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
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

Service and Support

U9PN8E HP 2 year Next Business Day with Defective Media Retention
U9PN9E HP 3 year Next Business Day with Defective Media Retention
U9PP2PE HP 1 year Post Warranty Next Business Day with Defective Media Retention
U9PP3PE 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] for wallpaper applications

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.