

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 class¹

- Print more applications, full bleed stickers don't shrink or curl; reach indoor spaces solvent can't.
- 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.⁴

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>

¹ Based on productivity and environmental 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. The HP Latex Print and Cut Solution also uses HP Latex inks that meet UL ECOLOGO® Certification to UL 2801, demonstrating that an ink meets a range of multi-attribute, lifecycle based criteria related to human health and environmental considerations (see <http://www.ul.com/EL>).

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

³ Based on HP internal testing February, 2017 comparing the HP Latex Print and Cut Solution with a solvent-technology-based integrated print and cut solution at a comparable cost.

⁴ 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

Printing	
Printing modes	50 m ² /hr - Billboard (2 pass) 23 m ² /hr - Outdoor High Speed (4 pass) 17 m ² /hr - Outdoor Plus (6 pass) 13 m ² /hr - Indoor Quality (8 pass) 10 m ² /hr - Indoor High Quality (10 pass) 6 m ² /hr - Backlits, Textiles, and Canvas (16 pass) 5 m ² /hr - High Saturation Textiles (20 pass)
Print Resolution	Up to 1200 x 1200 dpi
Margins	5 x 5 x 5 x 5 mm
Ink Types	HP Latex Inks
Ink cartridges	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)
Color Consistency	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 sizes	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	
Standard: 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
Packaging:	Printer: 2795 x 760 x 1250 mm; Cutter: 2110 x 480 x 670 mm
Weight	
Printer:	Printer: 208 kg; Cutter: 54 kg
Packaging:	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 30°C; Cutter: 15 to 35°C
Acoustics	
Sound pressure: Printer: 55 dB(A) (printing) Printer: < 15 dB(A) Sound power: Printer: 7.4 B(A) (printing) Printer: < 3.5 B(A)	
Power	
Consumption	Printer: 2.6 kW (printing); 72 watts (ready); < 2.5 watts (sleep)
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; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC); Australia and New Zealand (RCM)
Electromagnetic	Printer: Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI)
Environmental	Printer: ENERGY STAR; WEEE; RoHS (EU, China, Korea, India, Ukraine, Turkey); REACH; EPEAT Bronze; OSHA; CE marking compliant
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	

HP Latex Basic Cutter

Cutting	
Cut type	Drag-knife with TurboCut and Tangential emulsion 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
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Accessories

1UP26A	HP Latex Cutter Extended Kit
1UP27A	HP Latex 2-in Media Holder Kit
1UX44A	HP Latex Standard Blade Kit
1UX45A	HP Latex Specialty Blade Kit
F0M56A	HP Latex 64-in Printer 2-in Spindle
F0M58A	HP Latex 64-in Printer 3-in Spindle
F0M59A	HP Latex 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

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
CZ681A	HP 831 Latex Maintenance Cartridge

Service and Support

U9PN8E	HP 2 year Next Business Day with Defective Media Retention Print&Cut Latex 335 HW Support
U9PN9E	HP 3 year Next Business Day with Defective Media Retention Print&Cut Latex 335 HW Support
U9PP2PE	HP 1 year Post Warranty Next Business Day with Defective Media Retention Print&Cut Latex 335 HW Support
U9PP3PE	HP 2 year Post Warranty Next Business Day with Defective Media Retention Print&Cut Latex 335 HW Support

