HP Latex 335 Print and Cut Solution

Expand—into wider applications with this 64-in true print and cut solution

Your perfect fit

- Do more apps—cut through stickers, customizable clothing, window graphics; reach indoor spaces solvent can't
- With HP Signage Suite in the box, no design skills are needed—bring your ideas to life in 3 simple steps[1]
- Space is not the limit—HP print and cut uses essentially the same operating space as an integrated device[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; no need to laminate short-term jobs[3]
- Print longer runs with reliable, high-precision cutting—high-accuracy Optical Positioning System (OPOS)

Reliable, integrated workflow

- Print and cut in 5 simple steps—includes in-box HP FlexiPRINT and CUT RIP and friendly user interface
- One point workflow management—edit/print jobs, including HP Barcode unattended cutting, without interruption
- Avoid the complexity of other dual-devices—the complete HP solution is designed to work as one

For more information, please visit
hp.com/go/Latex335printandcut

Join the community, find tools, and talk to experts.
Visit the HP Latex Knowledge Center at
hp.com/communities/LKC

[1] Requires an HP Applications Center account, Internet connection, and connected Internet-capable device. For more information, see hpapplicationscenter.com

[2] Based on operating area requirements, the HP dual-device print and cut solution requires less than 1 m^2 of additional space compared to integrated solvent-technology based print and cut solutions in the market as of February, 2017.

[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.

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Technical specifications

HP Latex 335 Printer		
Printing	Printing modes	50 m²/hr (538 ft²/hr) - Billboard (2 pass)
		23 m²/hr (248 ft²/hr) - Outdoor High Speed (4 pass)
		17 m²/hr (183 ft²/hr) - Outdoor Plus (6 pass)
		13 m²/hr (140 ft²/hr) - Indoor Quality (8 pass)
		10 m²/hr (108 ft²/hr) - Indoor High Quality (10 pass)
		6 m²/hr (65 ft²/hr) - Backlits, Textiles, and Canvas (16 pass)
		5 m²/hr (54 ft²/hr) - High Saturation Textiles (20 pass)
	Print resolution	Up to 1200 x 1200 dpi
	Margins	5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)
	Ink types	HP Latex Inks
	Ink cartridges	Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer
	Cartridge size	775 ml
	Printheads	6 (2 cyan/black, 2 magenta/yellow, light cyan/light magenta, 1 HP Latex Optimizer)
	Color consistency[4]	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 size	254 to 1625-mm (10 to 64-in) rolls (580 to 1625-mm (23 to 64-in) rolls with full support)
	Roll weight	42 kg (92.6 lb)
	Roll diameter	250 mm (9.8 in)
	Thickness	Up to 0.5 mm (19.7 mil)
Applications	Banners, Customizable clothing, Displays, Exhibition and event graphics, Exterior signage, Floor graphics, Indoor posters, Interior decoration, Labels and stickers, Light boxes - film, Light boxes - paper, POP/POS, Posters, Vehicle graphics, Wall decals, Window graphics	
Connectivity	Interfaces (standard)	Gigabit Ethernet (1000Base-T)
Dimensions (w x d x h)	Printer	2561 x 840 x 1380 mm (101 x 33 x 54 in)
	Printer (Shipping)	2795 x 760 x 1250 mm (110.1 x 30 x 49.3 in)
Weight	Printer	208 kg (459 lb)
	Printer (Shipping)	290 kg (639.5 lb)
What's in the box	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	
Environmental ranges	Operating temperature	15 to 30°C (59 to 86°F)
	Operating humidity	20 to 80% RH (non-condensing)
Acoustic	Sound pressure	55 dB(A) (printing); 39 dB(A) (ready); < 15 dB(A) (sleep)
	Sound power	7.4 B(A) (printing); 5.7 B(A) (ready); < 3.5 B(A) (sleep)
Power	Consumption	2.6 kW (printing); 72 watts (ready); < 2.5 watts (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 per printer power cord; 16 A max per curing power cord
Certification	Safety	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)C)
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI)
	Environmental	ENERGY STAR, WEEE, RoHS (EU, China, Korea, India, Ukraine, Turkey), REACH, EPEAT Bronze, OSHA, CE marking compliant
Warranty	One-year limited hardware warranty	
HP Latex 64 Cutter		
Cutting	Cut type	Drag-knife with TurboCut and Tangential emulation modes
	Cut width	158 cm (62.2 in)
	Cut speed	Up to 113 cm/sec (44 in/sec) diagonal
	Acceleration	Up to 3 G diagonal
	Accuracy	0.2% of movement or 0.25 mm, (0.01 in) whichever is greater
	Repeatability	±0.1 mm (0.004 in)
	Cut force	0 to 400 grams of downforce, in 5-gram steps
	Cut thickness	0.05 to 0.25 mm (0.002 to 0.01 in); 0.8 mm (0.03 in) with optional sandblast blade
Connectivity	Interfaces (standard)	USB and Ethernet (LAN)
Dimensions (w x d x h)	Cutter	1980 x 680 x 1145 mm (77.9 x 26.8 x 45.1 in)
	Cutter (Shipping)	2110 x 480 x 670 mm (83.1 x 18.9 x 26.4 in)
Weight	Cutter	54 kg (119 lb)
	Cutter (Shipping)	78 kg (172 lb)
What's in the box	HP Latex 64 Cutter, cutter stand, 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)	
Warranty	One year, after the HP Latex End of Installation Registration is completed by an HP authorized reseller	

Ordering information

Product	1LH37A	HP Latex 335 Print and Cut Solution
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 300/500 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
Original HP large format printing materials	HP printing materials are designed together with HP Latex Inks and HP Latex printers to provide optimal image quality, consistency, and reliability.	
	HP Permanent Gloss Adhesive Vinyl REACH[5]	
	HP Backlit Polyester Film ♻[6]	
	HP PVC-free Durable Smooth Wall Paper REACH,[5] FSC® certified,[7] UL GREENGUARD GOLD Certified[8]	
	HP Premium Poster Paper ♻[6] FSC® certified[7]	
	For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.	
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

[4] The color variation inside a printed job has been measured to be within this limit: maximum color difference (95% of colors) ≤ 2 dE2000. 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. 5% of colors may experience variations above 2 dE2000. Backlit substrates measured in transmission mode may yield different results.

[5] 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.

[6] 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 HPLFMedia.com/hp/ecosolutions for details.

[7] BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions.

[8] 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 ul.com/gg or greenguard.org.

Eco Mark Certification Number 14142007

NOTE: Some certifications may only apply to the printer

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