



# HP Latex 115 Print and Cut Solution

Start—with this easy, affordable 54-in HP Latex print and cut solution



## The HP solution—best in its class<sup>1</sup>

- 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
- Optimized 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<sup>2</sup>

## 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<sup>3</sup>

## 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 [konicaminolta.com.au/hp-wide-format](http://konicaminolta.com.au/hp-wide-format)

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at [hp.com/communities/LKC](http://hp.com/communities/LKC)



KONICA MINOLTA

<sup>1</sup> 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 [ul.com/EL](http://ul.com/EL)).

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

<sup>3</sup> 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

<b>Printing</b>	Printing modes	48 m <sup>2</sup> /hr (517 ft <sup>2</sup> /hr) - Billboard (2 pass) 16 m <sup>2</sup> /hr (174 ft <sup>2</sup> /hr) - Outdoor Plus (6 pass) 12 m <sup>2</sup> /hr (129 ft <sup>2</sup> /hr) - Indoor Quality (8 pass) 10 m <sup>2</sup> /hr (108 ft <sup>2</sup> /hr) - Indoor High Quality (10 pass) 6 m <sup>2</sup> /hr (65 ft <sup>2</sup> /hr) - Backlits, Textiles, and Canvas (16 pass) 5 m <sup>2</sup> /hr (54 ft <sup>2</sup> /hr) - High Saturation Textiles (20 pass)	
	Print resolution	Up to 1200 x 1200 dpi	
	Ink types	HP Latex Inks	
	Ink cartridges	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)	
	Color consistency <sup>4</sup>	Average ≤ 1 dE2000, 95% of colors ≤ 2 dE2000	
	<b>Media</b>	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 that require a liner
		Roll size	254 to 1371-mm (10 to 54-in) rolls; 580 to 1371-mm (23 to 54-in) rolls with full support
Roll weight		25 kg (55 lb)	
Roll diameter		180 mm (7.1 in)	
Thickness		Up to 0.5 mm (19.7 mil)	
<b>Applications</b>		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	
<b>Connectivity</b>	Interfaces (standard)	Gigabit Ethernet (1000Base-T)	
<b>Dimensions (w x d x h)</b>	Printer	2307 x 840 x 1380 mm (91 x 33 x 54 in)	
	Shipping	2553 x 762 x 1252 mm (100.5 x 30 x 49.5 in)	
<b>Weight</b>	Printer	174 kg (384 lb)	
	Shipping	257.5 kg (568 lb)	
<b>What's in the box</b>	HP Latex 115 Printer; printheads; maintenance cartridge; printer stand; spindle; user maintenance kit; edge holders; quick reference guide; setup poster; power cords.		
<b>Environmental ranges</b>	Operating temperature	15 to 30°C (59 to 86°F)	
	Operating humidity	20 to 80% RH (non-condensing)	
<b>Acoustic</b>	Sound pressure	54 dB(A) (printing); 38 dB(A) (ready); < 15 dB(A) (sleep)	
	Sound power	7.2 B(A) (printing); 5.5 B(A) (ready); < 3.5 B(A) (sleep)	
<b>Power</b>	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	
<b>Certification</b>	Safety	IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC); Argentina (IRAM); China (CCC); India (BIS)	
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC), Russia, Belarus, and Kazakhstan (EAC), China (CCC)	
	Environmental	ENERGY STAR; WEEE; RoHS (EU, China, Korea, India, Ukraine, Turkey); REACH; EPEAT Bronze; OSHA; CE marking compliant	
<b>Warranty</b>	1 year provided that the HP Latex End of Installation Registration is completed by an HP authorized reseller		

<b>HP Latex 54 Basic Cutter</b>		
<b>Cutting</b>	Cut type	Drag-knife with TurboCut and Tangential emulsion modes
	Cut width	135 cm (53.1 in)
	Cut speed	Up to 84 cm/sec (33 in/sec) diagonal (113 cm/sec (44 in/sec) for media narrower than 737 mm (29 in))
	Acceleration	Up to 0.9 G diagonal (3 G for media narrower than 737 mm/29 in)
	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
<b>Connectivity</b>	Interfaces (standard)	USB and Ethernet (LAN)
<b>Dimensions (w x d x h)</b>	Cutter	1750 x 680 x 1145 mm (68.9 x 26.8 x 45.1 in)
	Cutter (shipping)	1880 x 480 x 670 mm (74 x 18.9 x 26.4 in)

<b>Weight</b>	Cutter	48 kg (106 lb)
	Cutter (shipping)	69 kg (152 lb)
<b>What's in the box</b>	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)	
<b>Environmental ranges</b>	Operating temperature	15 to 35°C (59 to 95°F)
	Operating humidity	35 to 75% RH (non-condensing)
<b>Acoustic</b>	Sound pressure	56 dB(A)
	Sound power	7.0 B(A)
<b>Power</b>	Consumption	31 W (working mode)
	Requirements	AC 100-240 V (±10%); 50/60 Hz, 85 VA max; 2 A
<b>Certification</b>	Safety	IEC 60950-1+A1+A2 compliant; USA (UL listed) and Canada; EU (LVD and EN 60950-1 compliant); PSE (Japan); Korea (KC)
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC)
	Environmental	WEEE, RoHS (EU); CE marking compliant; REACH
<b>Warranty</b>	1 year provided that the HP Latex End of Installation Registration is completed by an HP authorized reseller	

## Ordering information

<b>Product</b>	1LH39A	HP Latex 115 Print and Cut Solution
<b>Accessories</b>	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
	F0M55A	HP Latex 54-in Printer 2-in Spindle
	F0M59A	HP Latex User Maintenance Kit
	W5A60A	HP Latex 54-in Take-up Reel
<b>Original HP printheads</b>	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
<b>Original HP ink cartridges and maintenance supplies</b>	G0Y86A	HP B21 400-ml Cyan Latex Ink Cartridge
	G0Y87A	HP B21 400-ml Magenta Latex Ink Cartridge
	G0Y88A	HP B21 400-ml Yellow Latex Ink Cartridge
	G0Y89A	HP B21 400-ml Black Latex Ink Cartridge
	G0Y90A	HP B21 400-ml Light Cyan Latex Ink Cartridge
	G0Y91A	HP B21 400-ml Light Magenta Latex Ink Cartridge
	G0Y92A	HP B21 400-ml Latex Optimizer Ink Cartridge
	CZ681A	HP 831 Latex Maintenance Cartridge
	<b>Original HP large format printing materials</b>	HP printing materials are designed together with HP Latex Inks and HP Latex printers to provide optimal image quality, consistency, and reliability.
	HP PVC-free Wall Paper (FSC® and UL GREENGUARD GOLD Certified) <sup>5</sup>	
	HP Permanent Gloss Adhesive Vinyl (REACH compliant) <sup>6</sup>	
	HP Backlit Polyester Film 	
	HP Premium Satin Canvas	
	For the entire HP Large Format Printing Materials portfolio, please see <a href="http://HPLFMedia.com">HPLFMedia.com</a> .	
<b>Service and support</b>	U9T53E	HP 2 year Next Business Day with Defective Media Retention
	U9T54E	HP 3 year Next Business Day with Defective Media Retention
	U9T57PE	HP 1 year Post Warranty Next Business Day with Defective Media Retention
	U9T58PE	HP 2 year Post Warranty Next Business Day with Defective Media Retention

<sup>4</sup> 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.

<sup>5</sup> 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: 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](http://ul.com/gg) or [greenguard.org](http://greenguard.org).

<sup>6</sup> 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 [HPPrintingProducts.com](http://HPPrintingProducts.com) and Consumable Supplies.

<sup>7</sup> HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See [HPLFMedia.com/hp/ecosolutions](http://HPLFMedia.com/hp/ecosolutions) for details.



NOTE: Some certifications may only apply to the printer

