



# HP Latex 315 Print and Cut Solution

**Grow—with this 54-inch business-ready 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

## Technical specifications

### HP Latex 315 Printer

<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
	Margins	5 x 5 x 5 mm (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, 1 light cyan/light magenta, 1 HP Latex Optimizer)
	Color consistency <sup>4</sup>	Average $\leq$ 1 dE2000, 95% of colors $\leq$ 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 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, 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	
<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) Printer (shipping) 2541 x 760 x 1250 mm (100.1 x 30 x 49.3 in)	
<b>Weight</b>	Printer 174 kg (384 lb) Printer (shipping) 257.5 kg (568 lb)	
<b>What's in the box</b>	HP Latex 315 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 watts (ready); < 2.5 watts (sleep) Requirements Input voltage (auto ranging) 200–240 V ( $\pm$ 10%) two wires and PE; 50/60 Hz ( $\pm$ 3 Hz); two power cords; 3 A max per printer power cord; 13 A max per curing power cord	
<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); Australia and New Zealand (RCM) 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	
<b>Warranty</b>	One-year limited hardware warranty	

### HP Latex 54 Cutter

<b>Cutting</b>	Cut type	Drag-knife with TurboCut and Tangential emulation modes
	Cut width	135 cm (53.1 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	$\pm$ 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



NOTE: Some certifications may only apply to the printer

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