



# HP Latex 335 Print and Cut Plus Solution

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



## Complete HP solution—outstanding print and cut

- The HP Latex printer enables a wide range of odorless applications<sup>1</sup> and full bleed stickers that don't curl.
- The HP Latex cutter provides fast, accurate cutting and downforce up to 600 grams.
- The HP FlexiPRINT and CUT RIP includes True Shape Nesting—automatically save up to 50% more media.<sup>2</sup>
- HP Applications Center design tools are included, for easy creation of new applications in just 3 steps.<sup>3</sup>

## Up to 50% time savings with true print AND cut<sup>4</sup>

- Print AND cut at the same time—versus print OR cut integrated devices—with our 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 enables outdoor durability up to 3 years.<sup>5</sup>

## Easy and reliable workflow

- Print/cut in a few steps—add cut lines from the RIP, select cutting presets, and easily send to production.
- Accurate job recognition and error-free cutting with HP Barcode and Optical Position System configurations.
- Easy-to-use cutter with a simple touchscreen interface and media basket.

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://lkc.hp.com/>

<sup>1</sup> 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.

<sup>2</sup> Compared to printing without nesting. Based on performance demonstration by HP, September 2020.

<sup>3</sup> Requires an HP Applications Center account, Internet connection, and connected Internet-capable device. For more information, see <http://www.hpapplicationscenter.com>.

<sup>4</sup> Based on internal HP testing, September 2020, comparing the HP Latex Print and Cut Plus Solution with integrated print and cut solutions at a comparable cost. An integrated printer/cutter device is a large-format printer that has a contour cutter embedded in the same printer that prints the media, then moves the media backwards to cut the printed output.

<sup>5</sup> Scratch-resistance comparison based on testing third-generation HP Latex Inks and representative hard-solvent inks on self-adhesive vinyl and PVC banner. HP image permanence estimates by HP Image Permanence Lab. Outdoor display permanence tested according to SAE J2527 on a range of media, including HP media; in a vertical display orientation in simulated nominal outdoor display conditions for select high and low climates, including exposure to direct sunlight and water; performance may vary as environmental conditions change.

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 Optimizer)
Cartridge size	775 ml
Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimizer)
Long-term print-to-print repeatability	Average ≤ 1 dE2000, 95% of colors ≤ 2 dE2000 <sup>1</sup>
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)
Maximum roll weight	42 kg
Maximum 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; Customisable 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: 1960 x 704 x 1112 mm
Shipping	Printer: 2795 x 760 x 1250 mm; Cutter: 2230 x 420 x 710 mm
Weight	
Printer	Printer: 208 kg; Cutter: 48 kg
Shipping	Printer: 290 kg; Cutter: 74 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, quick reference guide, setup poster, 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
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: <7.3 B(A) (operating)
Power	
Consumption	Printer: 1.4-2.4 kW (2.6 kW peak) (printing), 72 W (ready), <2.5 W² (sleep) (<8 W³ with DFE), <0.15 W (off); Cutter: 34 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 for printer cord and 16 A max for curing cord; Cutter: AC 100-240 V; 50/60 Hz; 2 A
Certification	
Safety	IEC 60950-1 +A1 +A2 compliant; IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVD, EN 60950-1 and EN 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC); China (CCC)
Electromagnetic	Printer: 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); Cutter: Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC)
Environmental	Printer: ENERGY STAR; WEEE; RoHS (EU, China, Korea, India, Ukraine, Turkey); REACH; EPEAT Bronze; OSHA; CE marking compliant; Cutter: WEEE, RoHS (EU); CE marking compliant; REACH
Warranty	
One-year limited hardware warranty	

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	1 to 600 grams of downforce, in 5-gram steps
Cut thickness	0.05 to 0.25 mm; 0.6 mm with optional speciality blade

Ordering information

Product	
9TL94A	HP Latex 335 Print and Cut Plus Solution
Accessories	
1UX44A 1UX45A F0M56A F0M58A F0M59A F0M64A T4E58B	HP Latex Standard Blade Kit HP Latex Specialty Blade Kit HP Series 300 64-in Printer 2-in Spindle HP Series 300 64-in Printer 3-in Spindle HP Latex User Maintenance Kit HP Series 300/500 Edge Holder Kit HP Latex Media Saver Kit

Original HP printing supplies	
CZ677A CZ678A CZ679A CZ680A CZ681A CZ694A CZ695A CZ696A CZ697A CZ698A CZ699A CZ706A	HP 831 Cyan/Black Latex Printhead HP 831 Yellow/Magenta Latex Printhead HP 831 Light Magenta/Light Cyan Latex Printhead HP 831 Latex Optimizer Printhead HP 831 Latex Maintenance Cartridge HP 831C 775-ml Black Latex Ink Cartridge HP 831C 775-ml Cyan Latex Ink Cartridge HP 831C 775-ml Magenta Latex Ink Cartridge HP 831C 775-ml Yellow Latex Ink Cartridge HP 831C 775-ml Light Cyan Latex Ink Cartridge HP 831C 775-ml Light Magenta Latex Ink Cartridge HP 831 775-ml Latex Optimizer Ink Cartridge

Service and Support	
U9PN8E HP 2 year NBD with Defective Media Retention U9PN9E HP 3 year NBD with Defective Media Retention U9PP2PE HP 1 year Post Warranty NBD with Defective Media Retention U9PP3PE HP 2 year Post Warranty NBD with Defective Media Retention	

<sup>1</sup> Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard D5 014-6/E:2012. Backlit substrates measured in transmission mode may yield different results.  
<sup>2</sup> Excluding Type 2 DFE (Digital Front End) as defined in Energy Star® Product Specification for Imaging Equipment version 3.1.  
<sup>3</sup> Total power measured in sleep mode including the Digital Front End contained on the product.

