# 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.

### 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, dualdevice 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 applicationsscratch 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>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.

 <sup>&</sup>lt;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> Control output is the device of the result of the result

## **Technical specifications**

Print	
Printing modes	50 m*/hr - Billboard (2 pass) 23 m²/hr - Outdoor High Speed (4 pass) 17 m²/hr - Outdoor High (9 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; Customizable 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	) × 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
	Printer: 208 kg; Cutter: 48 kg Printer: 290 kg; Cutter: 74 kg
Shipping	Printer: 290 kg; Cutter: 74 kg Printer: HP Latex 335 Printer, printheads, maintenance cartridge, printer stand, spindle, take-up reel, variable
Shipping What's in the box	Printer: 290 kg; Cutter: 74 kg 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: HI Latex 64 Cutter, cutter stand, media basket, quick reference guide, setup poster, power cords, standard holder (1), standard blades (2), cut-off knife (1), 3-in media flanges (set of 2)
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#### 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

Accessories

9TL94A HP Latex 335 Print and Cut Plus Solution

Accessories		
1UX44A	HP Latex Standard Blade Kit	
1UX45A	HP Latex Specialty Blade Kit	
F0M56A	HP Series 300 64-in Printer 2-in Spindle	
F0M58A	HP Series 300 64-in Printer 3-in Spindle	
FOM59A	HP Latex User Maintenance Kit	
F0M64A	HP Series 300/500 Edge Holder Kit	

#### 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/E2012. 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<sup>®</sup> 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.



