



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 applications¹ 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.²
- HP Applications Center design tools are included, for easy creation of new applications in just 3 steps.³

Up to 50% time savings with true print AND cut⁴

- 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.⁵

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://hpllatexknowledgecenter.com/>

¹ 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.

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

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

⁴ 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.

⁵ 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 m ² /hr - Billboard (2 pass) 23 m ² /hr - Outdoor High Speed (4 pass) 17 m ² /hr - Outdoor Plus (6 pass) 13 m ² /hr - Indoor Quality (8 pass) 10 m ² /hr - Indoor High Quality (10 pass) 6 m ² /hr - Backlits, Textiles, and Canvas (16 pass) 5 m ² /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 ¹

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)
Roll weight	42 kg
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)
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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: 2.6 kW (printing), 72 W (ready), <2.5 W (sleep); 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
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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
F0M59A	HP Latex User Maintenance Kit
F0M64A	HP Series 300/500 Edge Holder Kit
T4E58B	HP Latex Media Saver Kit

Original HP printing supplies

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
CZ681A	HP 831 Latex Maintenance Cartridge
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

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

ECO highlights

- Water-based ink—no special ventilation, HAPs, reactive monomer chemistry, or ozone¹
- Low-emission UL GREENGUARD Gold², reduced-impact Zero Discharge of Hazardous Chemicals (ZDHC)³
- Free ink cartridge/printhead take back; recyclable, returnable, or non-hazardous disposal prints⁴
- ENERGY STAR[®] certified for superior energy efficiency⁵

Please recycle printing hardware and eligible printing supplies. Find out how at our website: <http://www.hp.com/ecosolutions>



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