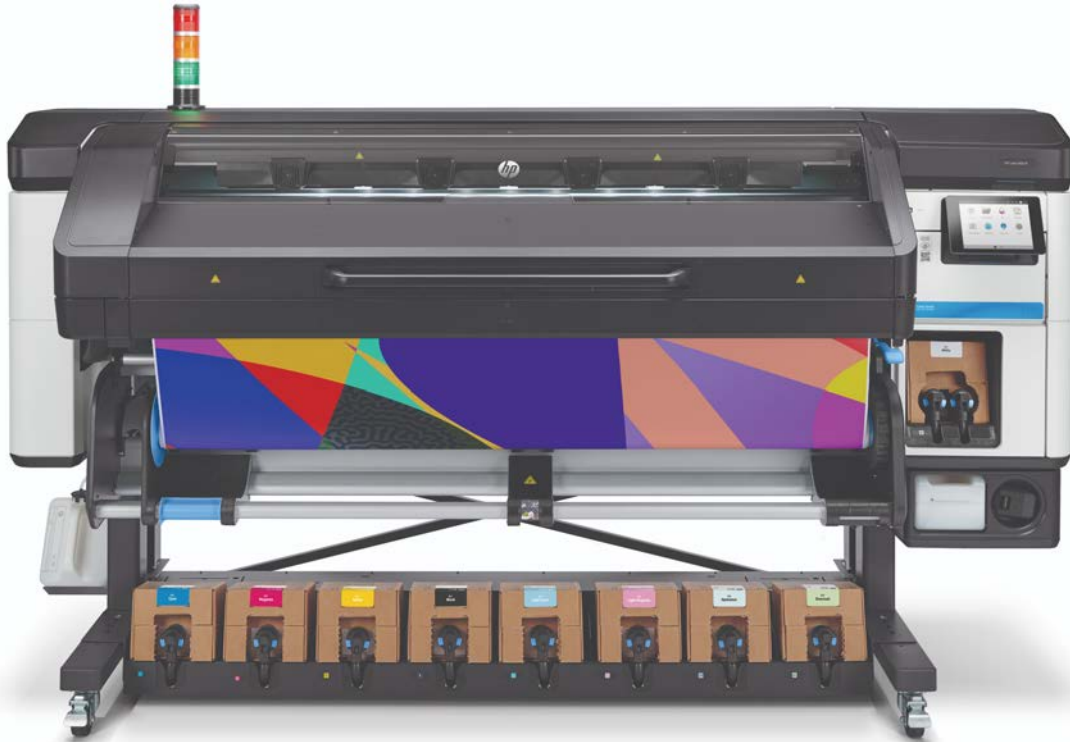




HP Latex 800 W Printer

Win high-value jobs with white ink and productive printing—and sharpen your sustainability edge



Expand into white, produce the highest value jobs

- Extend your portfolio into high-margin stickers and window graphics with the whitest white.¹
- Print white without complexity—automatic recirculation and printhead cleaning reduce manual purging.
- Deliver vivid colors at high speed, get striking contrast using pure blacks, and expect sharp 4-point text.
- Choose from a wide application range covering banners/textiles/poster paper, canvas, wallpaper, and vinyl.

Robust, smart, and productive printing

- Drive high productivity with saturated color at speeds up to 36 m²/hr outdoor², easy spindle-less loading.
- Control print operations virtually anytime, anywhere with HP PrintOS tools, and grow with HP Learn trainings.
- Work fast processing reprints and multi-copy jobs with a smart front panel, and store up to 100 jobs.
- Help reduce running costs with cost-effective 3-liter HP ink cartridges, changed while the printer runs.

Sharpen your sustainability edge with HP Latex

- Innovative water-based HP Latex Inks—no HAPs³, no required hazard warning labels, and odorless prints.⁴
- Local HP Eco-Carton outer carton recycling.⁵
- Choose from a wide range of compatible eco-conscious media.⁶
- HP Latex prints are recyclable, returnable, or non-hazardous and safe for disposal.⁷

For more information, please visit <http://www.hp.com/go/latex800series>

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at <https://hplatexknowledgecenter.com/>

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: <http://www.hp.com/go/learnaboutsupplies>

¹ Whitest white based on ISO/DIS 23498 compared to competitive alternatives using solvent and UV technologies under \$50,000 USD as of May, 2020. Test performed on black opaque self-adhesive vinyl (L*:4.16 – a:0.48 – b:2.34) with 160% UF printmode using HP 873 3-liter White Latex Ink Cartridge. Visual opacity = 91%.

² Outdoor mode (Banner) 4-pass, 100%. Based on internal HP testing in September 2020 on Avery 3001. Print speed may vary due to the adaptive printing mechanism to avoid image quality defects.

³ HP Latex Inks were tested for Hazardous Air Pollutants, as defined in the Clean Air Act, per U.S. Environmental Protection Agency Method 311 (testing conducted in 2013) and none were detected.

⁴ 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.

⁵ The ink cartridge outer carton is 100% recyclable through local cardboard/paper programs.

⁶ See <http://www.hp.com/go/mediasolutionslocator>.

⁷ Most HP large format paper-based printing materials can be recycled through commonly available recycling programs, or according to region-specific practices. Some HP media are eligible for return through the free, convenient HP Large Format Media take-back program. Programs may not exist in your area. See <http://www.HPLFMedia.com/hp/ecosolutions> for details. HP large format printing materials, both unprinted and printed with Original HP Latex Inks, are non-hazardous and safe for disposal. Contact your local waste management authority for local area-specific instructions.

Technical specifications

Print

| | |
|--|---|
| Printing modes | 122 m ² /hr - Max Speed (1-pass) 36 m ² /hr - High Speed (4-pass) 25 m ² /hr - Production Fast (6-pass) 20 m ² /hr - Production Quality, Textiles and Backlits (8-pass) 17 m ² /hr - High Saturation (12-pass) 14 m ² /hr - High Saturation Backlits and Textiles (14-pass) 17 m ² /hr - White Spot (60%) 9 m ² /hr - White Overflood (60%) 3 m ² /hr - White Underflood (100%) 2 m ² /hr - 3 Layers Day & Night (160%) ¹ |
| Print resolution | Up to 1200 x 1200 dpi |
| Ink types | Water-based HP Latex Inks |
| Ink cartridges | 9 (black, cyan, light cyan, light magenta, magenta, yellow, white, HP Latex Optimizer, HP Overcoat) |
| Cartridge size | 3 L |
| Printheads | 10 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, 2 white, 1 HP Latex Optimizer, 1 HP Overcoat) |
| Long-term print-to-print repeatability | 95% of colors ≤ 1.5 dE2000 ² |

Media

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|---------------|--|
| Handling | Roll feed, take-up reel, wiper roller ³ , automatic horizontal cutter (for vinyl, banner and canvas ⁴ , paper-based media, and film) |
| Media types | Banners, self-adhesive vinyls, films, fabrics, papers, wall coverings, canvas, synthetics, mesh, textiles ⁵ |
| Roll size | 254 to 1625-mm rolls (580 to 1625-mm rolls with full support) |
| Roll weight | 55 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; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers

Connectivity

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|------------|-------------------------------|
| Interfaces | Gigabit Ethernet (1000Base-T) |
|------------|-------------------------------|

Dimensions (w x d x h)

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|----------------|-----------------------|
| Printer | 2583 x 866 x 1402 mm |
| Shipping | 2753 x 1100 x 1666 mm |
| Operating area | 2793 x 2100 mm |

Weight

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|----------|--------|
| Printer | 300 kg |
| Shipping | 437 kg |

What's in the box

HP Latex 800 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, setup poster, documentation software, power cords, air purgers, 2-in spindle adaptor

Environmental ranges

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|-----------------------|-------------------------------|
| Operating temperature | 15 to 30°C |
| Operating humidity | 20 to 80% RH (non-condensing) |

Acoustics

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|----------------|--|
| Sound pressure | 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep) |
| Sound power | 7.8 B(A) (operating), 5.5 B(A) (idle), <3.5 B(A) (sleep) |

Power

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|--------------|--|
| Consumption | 1.8-2.8 kW (5 kW peak) (printing), 105 W (ready) |
| Requirements | Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 16 A max per power cord |

Certification

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|-----------------|--|
| 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 | Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC), China (CCC) |
| Environmental | ENERGY STAR [®] ; RoHS (WEEE, EU, EAEU, China, Korea, India, Ukraine, Turkey); REACH; EPEAT Silver; OSHA; CE marking compliant; Meets AgBB criteria; French VOC A+; Greenguard Gold; UL Ecologo; ZDHC - Level 1 |

Warranty

One-year limited hardware warranty

Ordering information

Product

| | |
|--------|------------------------|
| 3XD61A | HP Latex 800 W Printer |
|--------|------------------------|

Accessories

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|--------|--|
| 21V10A | HP Latex 700/800 User Maintenance Kit |
| 7HR16A | HP Latex 700/800 Textile Kit Accessory |
| 7HR18A | HP Latex 700/800 Ink Collector Foams Kit |
| 7HR19A | HP Latex 700/800 Media Loading Accessory |
| T7U73A | HP Latex 500/700/800 Wiper Roller |

Original HP printing supplies

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|--------|--|
| 4UU93A | HP B36 White Latex Printhead |
| 4UU94A | HP B36 Optimizer Latex Printhead |
| 4UV62A | HP B73 3-liter White Latex Ink Cartridge |
| 4UV84A | HP B73 3-liter Black Latex Ink Cartridge |
| 4UV95A | HP B73 3-liter Cyan Latex Ink Cartridge |
| 4UV86A | HP B73 3-liter Magenta Latex Ink Cartridge |
| 4UV87A | HP B73 3-liter Yellow Latex Ink Cartridge |
| 4UV88A | HP B73 3-liter Light Cyan Latex Ink Cartridge |
| 4UV89A | HP B73 3-liter Light Magenta Latex Ink Cartridge |
| 4UV90A | HP B73 3-liter Optimizer Latex Ink Cartridge |
| 4UV91A | HP B73 3-liter Overcoat Latex Ink Cartridge |
| 4UV95A | HP B36 Black/Cyan Latex Printhead |
| 4UV96A | HP B36 Magenta/Yellow Latex Printhead |
| 4UV97A | HP B36 Light Cyan/Light Magenta Latex Printhead |
| 4UV98A | HP B36 Overcoat Latex Printhead |

Original HP large format printing materials

HP PVC-free Wallpaper (UL GREENGUARD GOLD Certified⁶, FSC[®] certified⁷, meets AgBB criteria⁸)
HP Photo-realistic Poster Paper
HP Premium Satin Canvas
HP Prime Matte Air GP (REACH compliant⁹)
HP Premium Removable Gloss Adhesive Vinyl (REACH compliant⁹)

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

U13DDE HP 2 year Next Business Day with Defective Media Retention
U13DJE HP 3 year Next Business Day with Defective Media Retention
U13DNE HP 1 year Post Warranty Next Business Day with Defective Media Retention
U13DTE HP 2 year Post Warranty Next Business Day with Defective Media Retention

ECO highlights

- Inks do not use reactive monomer chemistry, are ozone-free, and meet the ZDHC standard¹
- Can win new business with odorless prints, UL ECOLOGO[®]/UL GREENGUARD Gold Certified ink, and more²
- High-volume 3-liter HP Eco-Carton ink cartridges—carton-based design significantly reduces plastic

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

¹ See <http://www.roadmaptozero.com>. Printing with HP Latex Inks avoids the problematic reactive monomers associated with UV printing. Acrylate monomers present in uncured UV inks and UV-gel inks can damage skin.
² 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. For certifications, see <http://www.ul.com/EL> and <http://www.ul.com/gg>.

³ Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects.
⁴ The color variation between printed jobs has been measured at 12 pass mode on vinyl media following best practices for tiling layouts and within this limit: 95th percentile of pairwise color differences (95% of colors) ≤ 1 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 1 gE2000. Backlit substrates measured in transmission mode may yield different results.
⁵ Automatic horizontal cutter is for use with thinner banners and canvas only. It is recommended to perform a test.
⁶ Textile Kit Accessory required for long runs of textile and porous textile.
⁷ 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 <http://www.ul.com/gg> or <http://www.greenguard.org>.
⁸ Trademark license code FSC-C115319.
⁹ With HP Latex inks, prints meet AgBB criteria for health-related evaluation of VOC emissions. See <http://umweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-building>.
¹⁰ 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 HP Printing Products and Consumable Supplies.

