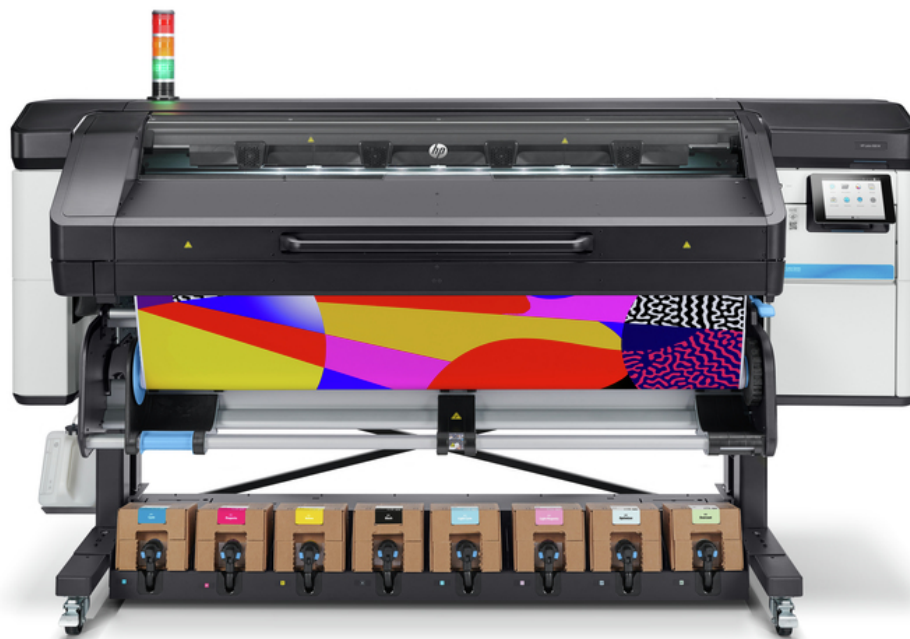




HP Latex 800 Printer

Grow with high-value jobs and high-productivity printing—and sharpen your sustainability edge



Win the high-value jobs you are after

- Deliver vivid colours at high speed and get striking contrast using pure blacks.
- Expect reliable, sharp 4-point text with HP Latex printheads featuring 10-picoliter ink drops.
- 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 colour at speeds up to 36 m²/hr outdoor¹, 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 HAPs², no required hazard warning labels, and odorless prints.³
- Local HP Eco-Carton outer carton recycling.⁴
- Choose from a wide range of compatible eco-conscious media.⁵
- HP Latex prints are recyclable, returnable, or non-hazardous and safe for disposal.⁶

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/>

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

¹ 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.

² 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.

³ 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.

⁴ The ink cartridge outer carton is 100% recyclable through local cardboard/paper programs.

⁵ See <http://www.hp.com/go/mediasolutionslocator>

⁶ 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 m²/hr - Max Speed (1-pass) 36 m²/hr - High Speed (4-pass) 25 m²/hr - Production Fast (6-pass) 20 m²/hr - Production Quality, Textiles and Backlits (8-pass) 17 m²/hr - High Saturation (12-pass) 14 m²/hr - High Saturation Backlits and Textiles (14-pass) ¹ |
| Print resolution | Up to 1200 x 1200 dpi |
| Ink types | Water-based HP Latex Inks |
| Ink cartridges | 8 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Latex Overcoat) |
| Cartridge size | 3 L |
| Printheads | 8 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, 1 HP Latex Optimizer, 1 HP Latex Overcoat) |
| Long-term print-to-print repeatability | 95% of colours ≤ 1.5 dE2000 ² |
| Media | |
| 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 | 419 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 | |
| Interfaces | Gigabit Ethernet (1000Base-T) |
| Dimensions (w x d x h) | |
| Printer | 2583 x 866 x 1402 mm |
| Shipping | 2753 x 1100 x 1666 mm |
| Operating area | 2793 x 2100 mm |
| Weight | |
| Printer | 292 kg |
| Shipping | 430 kg |
| What's in the box | HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor |
| Environmental ranges | |
| Operating temperature | 15 to 30°C |
| Operating humidity | 20 to 80% RH (non-condensing) |
| Acoustics | |
| 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 | |
| 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 | |
| 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

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|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Product | |
| YOU21A | HP Latex 800 Printer |
| Accessories | |
| 21V10A | HP Latex 700/800 User Maintenance Kit |
| 42153A | HP Latex Media Feed Accessory |
| 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 | |
| 4UU94A | HP 836 Optimizer Latex Printhead |
| 4UU96A | HP 836 Latex Maintenance Cartridge |
| 4UV84A | HP 873 3-liter Black Latex Ink Cartridge |
| 4UV85A | HP 873 3-liter Cyan Latex Ink Cartridge |
| 4UV86A | HP 873 3-liter Magenta Latex Ink Cartridge |
| 4UV87A | HP 873 3-liter Yellow Latex Ink Cartridge |
| 4UV88A | HP 873 3-liter Light Cyan Latex Ink Cartridge |
| 4UV89A | HP 873 3-liter Light Magenta Latex Ink Cartridge |
| 4UV90A | HP 873 3-liter Optimizer Latex Ink Cartridge |
| 4UV91A | HP 873 3-liter Overcoat Latex Ink Cartridge |
| 4UV95A | HP 836 Black/Cyan Latex Printhead |
| 4UV96A | HP 836 Magenta/Yellow Latex Printhead |
| 4UV97A | HP 836 Light Cyan/Light Magenta Latex Printhead |
| 4UV98A | HP 836 Overcoat Latex Printhead |
| Original HP large format printing materials | |
| HP PVC-free Wallpaper (UL GREENGUARD GOLD Certified ⁶ , FSC® certified ⁷ , meets AgBB criteria ⁸) | |
| HP Photo-realistic Poster Paper | |
| HP Premium Satin Canvas | |
| HP Prime Matte Air GP (REACH compliant ⁹) | |
| HP Premium Removable Gloss Adhesive Vinyl (REACH compliant ⁹) | |
| For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com. | |
| Service and Support | |
| U13DBE HP 2 year Next Business Day with Defective Media Retention | |
| U13DGE HP 3 year Next Business Day with Defective Media Retention | |
| U13DLP HP 1 year Post Warranty Next Business Day with Defective Media Retention | |
| U13DRPE 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 odourless 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 odour profiles. Some of the media can affect the odour 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 colour variation between printed jobs has been measured at 12 pass mode on vinyl media. Reflective measurements on a 943 colour target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. 5% of colours may experience variations above 1.5 ΔE2000. Backlit substrates measured in transmission mode may yield different results.
⁵ Wiper roller is an optional accessory.
⁶ Automatic horizontal cutter is for use with thinner banners and canvas only. It is recommended to perform a test.
⁷ Textile Kit Accessory required for long runs of textile and porous textile.
⁸ 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>
⁹ Trademark license code FSC-C115319.
¹⁰ 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>
¹¹ 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.