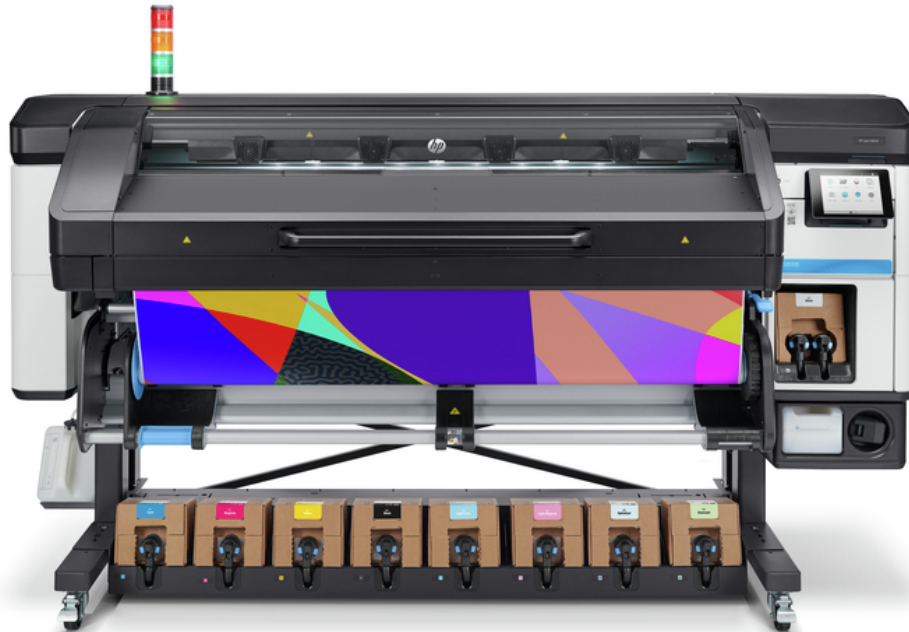


HP Latex 800 W Printer

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 388 ft²/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	1313 ft ² /hr - Max Speed (1-pass) 388 ft ² /hr - High Speed (4-pass) 269 ft ² /hr - Production Fast (6-pass) 215 ft ² /hr - Production Quality, Textiles and Backlits (8-pass) 183 ft ² /hr - High Saturation (12-pass) 151 ft ² /hr - High Saturation Backlits and Textiles (14-pass) 183 ft ² /hr - White Spot (60%) 99 ft ² /hr - White Overflood (60%) 32 ft ² /hr - White Underflood (100%) 22 ft 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 Latex 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 Latex Overcoat)
Long-term print-to-print repeatability	95% of colors ≤ 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	10 to 64-in rolls (23 to 64-in rolls with full support)
Roll weight	121 lb
Roll diameter	9.8 in
Thickness	Up to 19.7 mil
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	101.7 x 34.1 x 55.2 in
Shipping	108.4 x 43.3 x 65.6 in
Operating area	110 x 82.7 in
Weight	
Printer	661 lb
Shipping	963.4 lb
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	
Operating temperature	59 to 86°F
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 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

Product	
3XD61A	HP Latex 800 W Printer
Accessories	
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	
4UU93A	HP 836 White Latex Printhead
4UU94A	HP 836 Optimizer Latex Printhead
4UU96A	HP 836 Latex Maintenance Cartridge
4UV62A	HP 873 3-liter White Latex Ink 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	
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
U13DTP	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. 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 1.5 dE2000. 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.

For more information, please contact your local Lindenmeyr Munroe sales representative.

LindenmeyrMunroe.com