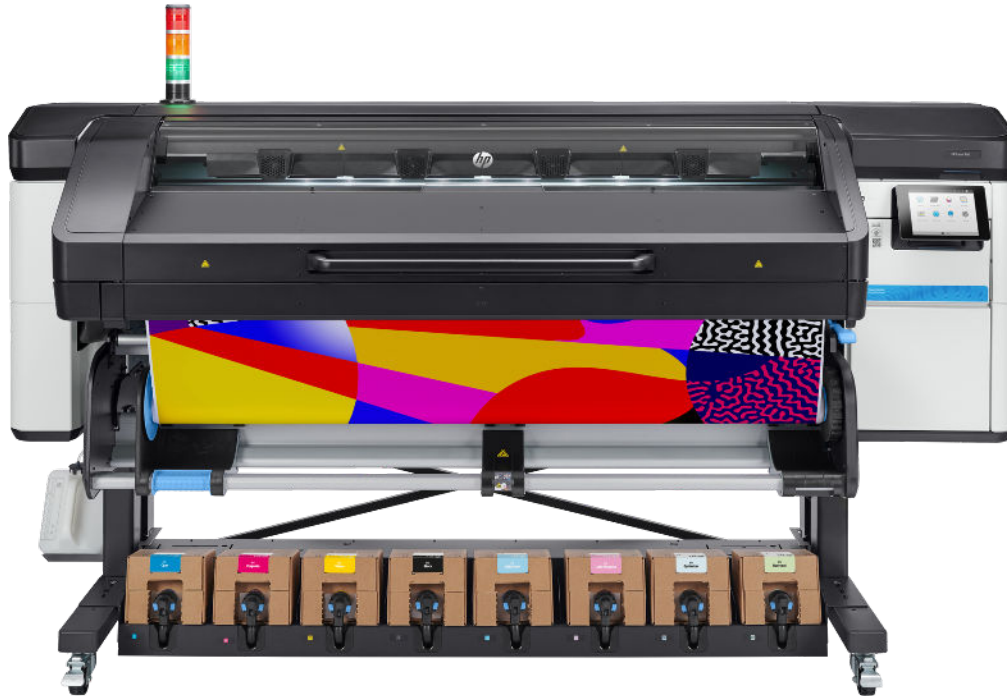




HP Latex 800 Printer

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



Win the high-value jobs you are after

- Deliver vivid colors 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 color 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://lkc.hp.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 m ² /hr - MaxSpeed (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) 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
Print heads	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 colors ≤ 1.5 dE2000 ²
Media	
Handling	Roll feed, take-up reel, wiper roller ³ , mediasaver, 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	436 kg
What's in the box	
	HP Latex 800 Printer, print heads, maintenance cartridge, printer stand, take-up reel, media loading accessory, user maintenance kit, edgeholders, 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 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	
YOU21A	HP Latex 800 Printer
Accessories	
21V10A 42153A 7HR16A 7HR18A 7HR19A T7U73A	HP Latex 700/800 User Maintenance Kit HP Latex Media Feed Accessory HP Latex 700/800 Textile Kit Accessory HP Latex 700/800 Ink Collector Foams Kit HP Latex 700/800 Media Loading Accessory HP Latex 500/700/800 Wiper Roller
Original HP printing supplies	
4UU94A 4UU96A 4UV84A 4UV85A 4UV86A 4UV87A 4UV89A 4UV89A 4UV90A 4UV91A 4UV95A 4UV96A 4UV97A 4UV98A	HP 836 Optimizer Latex Printhead HP 836 Latex Maintenance Cartridge HP 873 3-liter Black Latex Ink Cartridge HP 873 3-liter Cyan Latex Ink Cartridge HP 873 3-liter Magenta Latex Ink Cartridge HP 873 3-liter Yellow Latex Ink Cartridge HP 873 3-liter Light Cyan Latex Ink Cartridge HP 873 3-liter Light Magenta Latex Ink Cartridge HP 873 3-liter Optimizer Latex Ink Cartridge HP 873 3-liter Overcoat Latex Ink Cartridge HP 836 Black/Cyan Latex Printhead HP 836 Magenta/Yellow Latex Printhead HP 836 Light Cyan/Light Magenta Latex Printhead HP 836 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 PrimeMatte 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

U13DBE HP 2 year Next Business Day with Defective Media Retention
 U13DGE HP 3 year Next Business Day with Defective Media Retention
 U13DLE 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 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 CIEDE 2000 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 ULs 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 Trade mark 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.

