Datasheet

HP Latex 2700 W Plus Printer

The high-performance, cost-effective wide format printer with a sustainable edge and white ink

Print your way to higher margins with white ink

- Produce high-margin applications on pre-colored and transparent media with the whitest white.[1]
- No waste between white jobs with automatic recirculation and printhead stored in offline rotating chamber.[2]
- You can grow into high-margin jobs with 30% wider gamut at high speed, preserving media gloss, feel.[3]
- Ensure consistent color and quality configurations across your global fleet with HP Configuration Center.[4]

Accelerate production efficiency to the next level

- Productive and cost-effective—vivid colors at 958 ft²/hr, opaque white at 484 ft²/hr.[5]
- Increase efficiency—automatic printhead cleaning and intuitive interface with guidance help save time/money.
- HP Professional Print Service Plans[6]—for proactive support, workflow control and trainings to grow.[6]

GO BEYOND—Lead with environmental certifications[7]

- Contribute to a comfortable[8] working environment with water-based HP Latex Ink technology.
- Differentiate your business with environmental certifications[7]—including UL ECOLOGO®[9] and UL GREENGUARD Gold.[10]
- Access the most sensitive spaces with odorless prints[8] and compatibility with a wide range of alternative substrates.[11]
- Reduce your plastics consumption with carton-based cartridge[12] and labelless supplies; free recycling via HP Planet Partners.[13]

For more information, please visit http://www.hp.com/go/latex-2700-series

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] Whitest white based on ISO/DIS 23498 compared to top sellers competitive alternatives using UV technology between $100,000 and $200,000 USD as of February 2022. Test performed on black opaque self-adhesive vinyl (L*:2.35 – a:2.73 - b:4.26) with 260% Spot printmode using HP 883 3-liter White Latex Ink Cartridge. Visual opacity = 94.7%.
[2] When HP 886 White Latex Printheads are placed in the storage cassettes, no white ink is used for servicing when printheads are not in use.
[3] 30% wider gamut based on testing commissioned by HP and performed by Venture Electronics Spain, S.L. in February 2022 comparing the HP Latex 2700 Printer series and comparable top sellers competitive alternatives using UV technology between $100,000 and $200,000 USD as of February 2022, by comparing gamut volume in CIE Lab units (the higher, the better) printing on Avery MPI3001 and Indoor printmodes. Test performed under the same conditions in all printers measuring the ECI2002 target with the FD-9 spectrophotometer from Konica Minolta.
[4] Requires an HP PrintOS account, Internet connection, and connected Internet-capable device. HP PrintBeat Jobs API and HP PrintBeat Live Production can only be accessed by purchasing the proper HP Professional Print Service Plan. For more information, see http://www.printos.com
[5] Based on internal HP testing, March 2022. Vivid colors at 89 m²/hr (958 ft²/hr) outdoor mode 3-pass, 6-color, 90%. Opaque white at 45 m²/hr (484 ft²/hr) on Clear Self-Adhesive Vinyl, mode spot, 100%.
[6] Some services depend on printer, service contract, and region availability. Visit https://www.hp.com/us-en/printers/large-format/latex-printer-workflow-solutions-services.html for more information.
[7] Based on internal competitive analysis with public information. Applicable to HP Latex technology compared to competitive large format printing alternatives using solvent and UV technologies. See individual product data sheets for more information at https://hp.com/go/latex
[8] Applicable to HP Latex Inks. Based on sensory evaluations conducted by Odournet, done according to VDI Guideline 3882 where 832 and 873 inks were characterized as "weak" in odor intensity and "neutral" for hedonic tone. 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.
[9] UL ECOLOGO® Certified HP 832, HP 872, HP 873, and 882 Latex Inks and HP 864, 865, 865, 886, 867, 869, and 870 PageWide XL Inks meet a range of stringent human health and environmental considerations. Verified as of the publishing date in September 2023. For more details, please refer to the UL ECOLOGO® database at https://spot.ul.com/main-app/products/catalog/ or see https://www.ul.com/EL
[10] Applicable to HP Latex Inks. 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. Unrestricted room size—full decorated room; 33.4 m² (360 ft²) in an office environment; 94.6 m² (1,018 ft²) in a classroom environment.
[11] HP applications experts have evaluated the catalog of media listed in the HP Media Locator based on internal criteria to identify those that provide alternative solutions with certain environmental benefits compared to the typical media within the same application type. The information in media locator is provided by the media substrate vendors. HP is not responsible for the veracity of the information from third-party companies published on the HP website. See https://www.hp.com/go/mediasolutionslocator
[12] Applicable to HP 832. Plastic reduction based on moving from plastic ink cartridge to cardboard ink cartridges, with annual manufacturing saving of 33 tons of plastic based on average units of HP 831 and HP 831A ink cartridges from 2018 to 2020.
[13] Program availability varies. For details, see https://hp.com/hprecycle

Technical specifications

Print

Printing modes	1302 ft²/hr (2-pass) 958 ft²/hr (3-pass) 743 ft²/hr (4-pass) 527 ft²/hr (6-pass) 409 ft²/hr (8-pass) 312 ft²/hr (10-pass) 581 ft²/hr - White Spot (60%) 183 ft²/hr - White Overflood (100%) 108 ft²/hr - 3 Layers (60%) 36 ft²/hr - 5 Layers
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, HP Latex Optimizer, HP Latex Overcoat, white)
Cartridge size	5 L (color). 3L (white)
Printheads	9 (6 HP Latex Universal, 2 HP Latex Optimizer, 1 HP Latex White)
Long-term print-to-print repeatability	Maximum color difference (95% of colors) ≤ 2 dE2000

Media

Handling	Roll-to-roll, double-sided blockout, dual-roll, ink collector, roll-to-freefall (optional)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, fabrics, mesh, textiles[1]
Roll size	Up to 126 in (single roll); Up to 2 x 60 in (dual roll)
Maximum roll weight	Up to 661 lb (single roll, with included diverter roller); Up to 2 x 440 lb (with included dual roll kit)
Maximum roll diameter	15.75 in
Thickness	Up to 0.015 in (default); up to 0.08 in (with custom carriage height setting)
Applications	Exhibition and event graphics; Decoration; Displays; Exterior signage; Indoor posters; Banners; Light boxes - film; POP/POS; Textile; Vehicle graphics; Wallpaper; Window graphics

Connectivity

Interfaces	Intel I210-T1 Gigabit Ethernet (1000Base-T)

Dimensions (W x D x H)

Printer	228 x 54 x 66 in
Shipping	231 x 71 x 75 in (printer); 26 x 31 x 22 in (ink collector kit); 150 x 37 x 19 in (jumbo dual roll kit)

Weight

Printer	3468 lb
Shipping	4630 lb (printer); 73 lb (ink collector kit); 760 lb (jumbo dual roll kit)
What's in the box	HP Latex 2700 W Printer, printheads, jumbo dual roll kit, 126-in diverter roller, ink collector kit, 126-in spindles (x2), HP Latex Cleaning Kit, HP Internal Print Server, touch monitor, documentation software, user manual, media edge holders, Original HP sample media, cleaning supplies, pneumatic gun, User Maintenance Kit

Environmental ranges

Operating temperature	59 to 86ºF
Operating humidity	20 to 70% RH (non-condensing)

Acoustics

Sound pressure	71 dB(A) (operating), 58 dB(A) (idle)

Power

Consumption	12-13 kW (printing), 510 W (ready), 110 W (low power mode), 100 W (shutdown)
Requirements	Input voltage 200-240/380-415 V Delta/Wye threephase and PE; 50/60 Hz; 56/35 A

Certification

Safety	IEC 62368-1 compliant; United States and Canada (CSA listed); EU (LVD and MD compliant, EN62368-1, EN12100, EN60204-1, and EN1010-1); Ukraine (UA)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), Korea (KCC)
Environmental	WEEE, RoHS (EU, China, Ukraine), REACH, CE marking compliant
Warranty	24-month maintenance and support coverage: 6-month limited hardware warranty; 18-month HP Standard Service, Maintenance and Support. Warranty may vary by country as required by law. Go to http://www.hp.com/support to learn about HP service and support options in your region.

Ordering information

Product

79R37AW	HP Latex 2700 W Plus Printer

Accessories

474Y0A	HP Latex 2700 Series Ink Collector Foams Kit
4J0X0A	HP 126-in Dual Roll Kit
4R4W4A	HP 126-in Spindle
4R4W5A	HP Latex 126-in Roll-to-freefall Kit
55P20A	HP Latex 2700 Standard Uptime Kit
55P21A	HP Latex 2700 White Uptime Kit
55P22A	HP Latex 2700 Series User Maint. Kit
79D06A	HP Latex 2700 Series Edge Holder Kit
G1K80B	HP 126-in Dual Roll Spindle
L2E28A	HP Latex Jumbo Dual Roll Split Spindles
M2J33A	HP Latex In-line Slitters
T4E58B	HP Latex Media Saver Kit

Original HP printing supplies

G0Z21A	HP 886 White Latex Printhead
G0Z22A	HP 886 Optimizer Latex Printhead
G0Z24A	HP 886 Latex Printhead
G0Z28A	HP 883 5-liter Cyan Latex Ink Cartridge
G0Z29A	HP 883 5-liter Magenta Latex Ink Cartridge
G0Z30A	HP 883 5-liter Yellow Latex Ink Cartridge
G0Z31A	HP 883 5-liter Black Latex Ink Cartridge
G0Z32A	HP 883 5-liter Light Cyan Latex Ink Cartridge
G0Z33A	HP 883 5-liter Light Magenta Latex Ink Cartridge
G0Z34A	HP 883 5-liter Optimizer Latex Ink Cartridge
G0Z35A	HP 883 5-liter Overcoat Latex Ink Cartridge
G0Z44A	HP 883 3-liter White Latex Ink Cartridge
G0Z45A	HP 883 Latex Printhead Cleaning Kit

Original HP large format printing materials

HP Photo-realistic Poster Paper
HP Optimal Gloss Air GRP (REACH Compliant[2])
HP Removable Adhesive Fabric (REACH Compliant[2])
HP 15-oz Prime Double-sided Blockout Banner (REACH Compliant[2])

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

Service and Support

U57WSAC HP Professional Print BASIC Plan
U57WRAC HP Professional Print PLUS Plan
U56X7E HP 3 year Plus Service Plan Hardware Support with Defective Media Retention
U56X8E HP 4 year Plus Service Plan Hardware Support with Defective Media Retention
U56XBPE HP 1 year Post Warranty Plus Service Plan Hardware Support with Defective Media Retention
U56X2E HP 3 year Basic Service Plan Hardware Support with Defective Media Retention
U56X5PE HP 1 year Post Warranty Basic Service Plan Hardware Support with Defective Media Retention

[1] Performance may vary depending on media—for more information, see http://www.hp.com/go/mediasolutionslocator . For best results, use textiles that do not stretch. The optional ink collector is required for porous textiles.
[2] 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.