HP Latex 2700 W 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-coloured 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 colour and quality configurations across your global fleet with HP Configuration Center.[4]

Accelerate production efficiency to the next level

- Productive and cost-effective—vivid colours at 89 m²/hr, opaque white at 45 m²/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]

Sharpen your sustainability edge with HP Latex

- Water-based HP Latex Inks—UL ECOLOGO® Certified, no HAPs/required hazard warning labels, odorless prints.[7]
- Carton-based ink cartridge, local outer carton recycling, ink bag and printhead free take-back program.[8]
- Get a wide range of compatible eco-conscious media, meeting UL GREENGUARD GOLD and Toy Safety requirements.[9]
- HP Latex prints are recyclable, returnable, or non-hazardous and safe for disposal.[10]

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 EUR 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 EUR 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 colours at 89 m²/hr outdoor mode 3-pass, 6-colour, 90%. Opaque white at 45 m²/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] UL ECOLOGO® Certification to UL 2801 demonstrates that an ink meets a range of multi-attribute, lifecycle based criteria related to human health and environmental considerations (see http://www.ul.com/EL). 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. 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.
[8] The ink cartridge HP Eco-Carton outer carton is 100% recyclable through local cardboard/paper programs. The inner materials including the ink bag and printheads can be returned free of charge to the HP Planet Partners program for reprocessing of plastic parts. Zero landfill. For ink bag and printhead take back, visit http://www.hp.com/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction. Where this program is not available, and for other consumables not included in the program, consult your local waste authorities on appropriate disposal.
[9] For eco-conscious media see http://www.hp.com/mediasolutionslocator . 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. For more information, visit http://ul.com/gg or greenguard.org . HP Latex is rated as unrestricted room size—full decorated room, 33.4 m² in an office environment, 94.6 m² in a classroom environment. Fourth-generation HP Latex inks have been tested and demonstrated compliance to the following toy safety methods and protocols: EN 71-3, EN 71-9, ASTM F963-17, US 16 CFR 1303, US 16 CFR 1307, SOR 2011-17, and SOR 2018-83. HP does not recommend using the ink for toys intended to target children under the age of 3 years.
[10] 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. For end-of-life management of large-format prints when printed, see https://lkc.hp.com/storage/app/uploads/public/601/996/259/601996259ff86371330719.pdf .

Technical specifications

Print

Printing modes	121 m²/hr (2-pass) 89 m²/hr (3-pass) 69 m²/hr (4-pass) 49 m²/hr (6-pass) 38 m²/hr (8-pass) 29 m²/hr (10-pass) 54 m²/hr - White Spot (60%) 17 m²/hr - White Overflood (100%) 10 m²/hr - 3 Layers (60%) 3.6 m²/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 dE 2000

Media

Handling	Roll-to-roll, double-sided blockout, dual-roll (optional), roll-to-freefall (optional), ink collector (optional)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, fabrics, mesh, textiles[1]
Roll size	Up to 3.2 m (single roll); Up to 2 x 1.6 m (optional dual roll); Up to 2 x 1.53 m (optional jumbo dual roll)
Roll weight	Up to 160 kg (single roll); Up to 300 kg (with optional diverter roller); Up to 2 x 70 kg (with optional dual roll kit); Up to 2 x 200 kg (with optional jumbo dual roll kit)
Roll diameter	30 cm (40 cm with optional diverter roller)
Thickness	Up to 0.4 mm (default); up to 2.0 mm (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	574 x 138 x 167 cm
Shipping	586 x 181 x 191 cm

Weight

Printer	1323 kg
Shipping	2100 kg

What's in the box	HP Latex 2700 W Printer, printheads, 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	15 to 30°C
Operating humidity	20 to 70% RH (non-condensing)

Acoustics

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

Power

Consumption	11 kW (typical) - quality indoor mode (4-pass), 11 kW (typical) - outdoor mode (3-pass)
Requirements	Input voltage 200-240/380-415 V Delta/Wye three phase 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	12-month maintenance and support coverage: 6-month limited hardware warranty; 6-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

3R743C	HP Latex 2700 W Printer

Accessories

3Y0K4A	HP Latex 2700 Series Ink Collector Kit
474X9A	HP Latex 2700 Series Jumbo Dual Roll Kit
474Y0A	HP Latex 2700 Series Ink Collector Foams Kit
4R4W4A	HP 126-in Spindle
4R4W5A	HP Latex 126-in Roll-to-freefall Kit
4R4W7A	HP 126-in Diverter Roller
55P20A	HP Latex 2700 Standard Uptime Kit
55P21A	HP Latex 2700 White Uptime Kit
55P22A	HP Latex 2700 Series User Maint. Kit
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
U56YCE HP 2 year Plus Service Plan Hardware Support with Defective Media Retention
U56YDE HP 3 year Plus Service Plan Hardware Support with Defective Media Retention
U56YHPE HP 1 year Post Warranty Plus Service Plan Hardware Support with Defective Media Retention
U56Y5E HP 2 year Basic Service Plan Hardware Support with Defective Media Retention
U56Y6E HP 3 year Basic Service Plan Hardware Support with Defective Media Retention
U56Y9PE 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.

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