



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

## Accelerate production efficiency to the next level

- Productive and cost-effective—vivid colors at 89 m<sup>2</sup>/hr (958 ft<sup>2</sup>/hr), opaque white at 45 m<sup>2</sup>/hr (484 ft<sup>2</sup>/hr).<sup>5</sup>
- Increase efficiency—automatic printhead cleaning and intuitive interface with guidance help save time/money.
- HP Professional Print Service Plans<sup>6</sup>—for proactive support, workflow control and trainings to grow.<sup>6</sup>

## GO BEYOND—Lead with environmental certifications<sup>7</sup>

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

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://kcc.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>

<sup>1</sup> 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%.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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>

<sup>5</sup> Based on internal HP testing, March 2022. Vivid colors at 89 m<sup>2</sup>/hr (958 ft<sup>2</sup>/hr) outdoor mode 3-pass, 6-color, 90%. Opaque white at 45 m<sup>2</sup>/hr (484 ft<sup>2</sup>/hr) on Clear Self-Adhesive Vinyl, mode spot, 100%.

<sup>6</sup> 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.

<sup>7</sup> 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>

<sup>8</sup> 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.

<sup>9</sup> UL ECOLOGO<sup>®</sup> Certified HP 832, HP 872, HP 873, and 882 Latex Inks and HP 864, 865, 866, 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<sup>®</sup> database at <https://spot.ul.com/main-app/products/catalog/> or see <https://www.ul.com/EL>

<sup>10</sup> 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.

<sup>11</sup> Unrestricted room size—full decorated room; 33.4 m<sup>2</sup> (360 ft<sup>2</sup>) in an office environment; 94.6 m<sup>2</sup> (1,018 ft<sup>2</sup>) in a classroom environment.

<sup>12</sup> 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>

<sup>13</sup> 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.

<sup>14</sup> Program availability varies. For details, see <https://hp.com/hpecycle>

Technical specifications

|  |  |
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| Print                                  |  |
| Printing modes                         | 121 m²/hr (2-pass)<br>89 m²/hr (3-pass)<br>69 m²/hr (4-pass)<br>49 m²/hr (6-pass)<br>38 m²/hr (8-pass)<br>29 m²/hr (10-pass)<br>54 m²/hr - White Spot (60%)<br>17 m²/hr - White Overflood (100%)<br>10 m²/hr - 3 Layers (60%)<br>3.3 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 dE2000  |
| Media                                  |  |
| Handling                               | Roll-to-roll, double-sided blackout, dual-roll (optional), roll-to-freefall (optional), ink collector (optional)   |
| Media types                            | Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, fabrics, mesh, textiles <sup>1</sup>  |
| 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)   |
| Maximum 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)  |
| Maximum 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                            | 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 EN10101-1); 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 <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP service and support options in your region. |

Ordering information

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| 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     |
| 4J0X0A   | HP 126-in Dual Roll 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             |
| 79D06A   | HP Latex 2700 Series Edge Holder Kit             |
| LZE28A   | HP Latex Jumbo Dual Roll Split Spindles          |
| M2J33A   | HP Latex In-line Slitters                        |
| T4E58B   | HP Latex Media Saver Kit                         |
| Original HP printing supplies  |  |
| 8G4G4A   | HP 883 5-liter Overcoat B Latex Ink Cartridge    |
| 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 <sup>2</sup> )   |  |
| HP Removable Adhesive Fabric (REACH Compliant <sup>2</sup> )   |  |
| HP 15-oz Prime Double-sided Blockout Banner (REACH Compliant <sup>2</sup> )  |  |
| For the entire HP Large Format Printing Materials portfolio, please see <a href="http://HPLFMedia.com">HPLFMedia.com</a> . |  |
| 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                          |  |
| U56YSE 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                         |  |

<sup>1</sup> 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.

<sup>2</sup> 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](http://HP Printing Products and Consumable Supplies).

