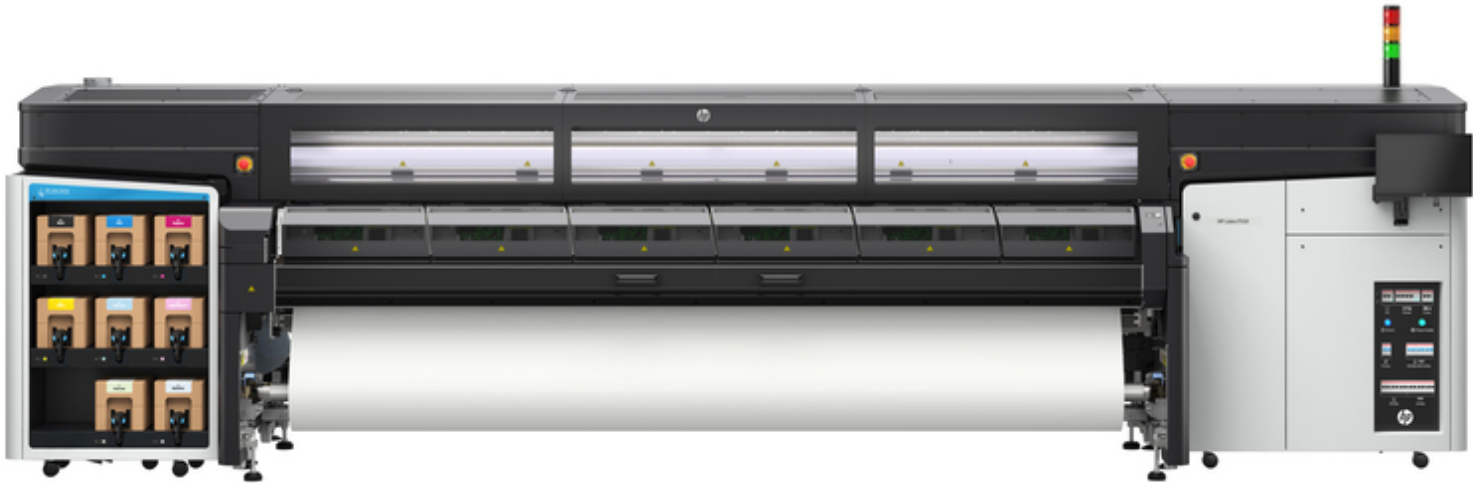


HP Latex FS50 Printer

Deliver stunning results with a superwide printer that scales as your business grows



*Product image may differ from actual product

STUNNING—Quality that drives high margins

- You can grow into higher-margin jobs with up to 30% wider gamut¹ at high speed—preserving media gloss, feel.
- Stand out with a wide range of signage and décor applications—thin films, vinyl, odourless² backlit textiles.
- Consistent colour and quality configurations across your global fleet with HP Configuration Center³.

SCALABLE—As your business grows

- Integrate future enhancements with a scalable platform ready to meet evolving business needs.
- Meet tight turnarounds with speeds up to 89 m² (958 ft²) per hour⁴ today.
- Minimise ink waste and streamline your workflow with auto printhead cleaning and an intuitive interface.
- Print remotely and monitor fleet with HP Live Production included in HP Professional Print Service Plan⁵.

SUSTAINABLE—With environmental certifications

- This printer is built to last⁶ thanks to its scalable design.
- Create a comfortable workspace—water-based inks enable odourless prints² and no hazardous air pollutants⁷.
- Stand out with an offering that meets environmental certifications like UL ECOLOGO^{®8} and UL GREENGUARD⁹.
- Contribute to the circular economy with HP Planet Partners¹⁰ and PVC alternative media profile database¹¹.

Messaging Footnotes

¹Based on testing commissioned by HP and performed by Venture Electronics Spain, comparing the gamuts of HP Latex Gen 4 inks with those of leading competitive alternatives using UV technology. Test performed under the same conditions in all printers measuring the ECI2002 target with the FD-9 spectrophotometer from Konica Minolta.

²Based on testing commissioned by HP and performed by Odournet and applicable to HP Latex Inks. Testing conducted according to VDI Guideline 3882 where 832 and 873 inks were characterized as “weak” in odour intensity and “neutral” for hedonic tone. There is a broad set of media with very different odour profiles. Some of the media can affect the odour performance of the final print.

³HP Learn’s free training content, HP Print Beat remote monitoring of production and analytics, HP PrintOS Mobile, and HP Configuration Center are available free of charge for all HP printers compatible with HP PrintOS. Requires an HP PrintOS account, Internet connection, and connected Internet-capable device. For more information, see <http://www.printos.com>.

⁴Based on internal HP testing. Outdoor mode 3-pass, 6-colour, 90%. While CMYK and Optimiser are duplicated with symmetrical double printheads, Overcoat, Light Magenta and Light Cyan rely on single printheads.

⁵HP PrintOS Live Production is available for subscribers of the HP Professional Print Services Plus Plan. Please consult your HP representative for information about availability and/or geographic coverage. Requires an HP PrintOS account, Internet connection, and connected Internet-capable device. For more information, see <http://www.printos.com>.

⁶Based on HP Large Format supplies Long Term Plan, at least 70% of printers installed, from the previous generation, are still in use in 2024. And on average printers in use are 6-7 years old and at least 50% of printers are > 6 years old.

⁷HP 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.

⁸UL ECOLOGO[®] Certified HP 832, HP 872, HP 873, and 882, FS50 and FS60 printer series Latex Inks meet a range of stringent human health and environmental considerations. For certifications, see <http://www.ul.com/EL> and <http://www.ul.com/gg>.

⁹Applicable 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. For more information, visit <http://www.ul.com/gg> or <http://www.greenguard.org>. For certifications, see <http://www.greenguard.org>.

¹⁰Visit <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.

¹¹HP 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 <http://www.hp.com/go/mediasolutionslocator>.

For more information, please visit <http://www.hp.com/go/latex-fs50-series> Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at <https://lkc.hp.com/>



Technical specifications

| Print | |
|--|--|
| Print speed | 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); |
| Print resolution | Up to 1200 x 1200 dpi |
| Technology | HP Latex Printing Technologies |
| Ink types | Water-based HP Latex Inks |
| Ink cartridges | 8 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimiser, HP Latex Overcoat) |
| Cartridge size | 5 L (colour) upgradeable to 10 L with B3SG0A |
| Printheads | 8 (6 HP Latex Universal, 2 HP Latex Optimiser) |
| Long-term print-to-print repeatability | Maximum colour difference (95% of colours) ≤ 2 dE2000 |
| Media | |
| Applications | Exhibition and event graphics; Decoration; Displays; Exterior signage; Indoor posters; Banners; Light boxes - film; POP/POS; Textile; Vehicle graphics; Wallpaper |
| Handling | Roll-to-roll, double-sided blockout, dual-roll (optional), roll-to-freefall (optional), ink collector (optional) |
| Media rolls | 1 (2 with optional dual roll kit) |
| 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); |
| Maximum media width | 3.2 m (single roll); 2 x 1.60 m (optional dual roll); 2 x 1.53 m (optional jumbo dual roll); |
| Thickness | Up to 0.4 mm (default); up to 2.0 mm (with custom carriage height setting); |
| Media types | Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, fabrics, mesh, textiles ¹ |
| Connectivity | |

Ordering information

| Product | |
|-------------------------------|--|
| 9T922C | HP Latex FS50 Printer |
| Accessories | |
| 3Y0K4A | HP Latex 2700/FS Ink Collector Kit |
| 474X9A | HP Latex 2700/FS Jumbo Dual Roll Kit |
| 474Y0A | HP Latex 2700/FS Ink Collector Foams Kit |
| 4J0X0A | HP 126-in Dual Roll Kit |
| 4R4W4A | HP 126-in Spindle |
| 4R4W5A | HP Latex 126-in Roll Freefall Kit |
| 4R4W7A | HP 126-in Diverter Roller |
| 79D06A | HP Latex 2700/FS Edge Holder Kit |
| B3SG0A | HP Latex FS Series High Capacity Ink Upg |
| 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 | |
| 8G4G4A | HP 883 5-liter Overcoat B Latex Ink Cartridge |
| G0Z22A | HP 886 Optimiser 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 Optimiser Latex Ink Cartridge |
| G0Z35A | HP 883 5-liter Overcoat Latex Ink Cartridge |
| G0Z45A | HP 883 Latex Printhead Cleaning Kit |

| Interfaces | Intel I210-T1 Gigabit Ethernet (1000Base-T) |
|------------------------|---|
| Dimensions (W x D x H) | |
| Product | 574 x 138 x 167 cm; |
| Shipping | 586 x 181 x 191 cm; |
| Weight | |
| Product | 1303 kg; |
| Shipping | 2067 kg; |
| Included | |
| What's in the box | HP Latex FS50 Printer, printheads, 126-in spindles (x2), 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 | Printing: 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 three-phase and PE; 50/60 Hz; 56/35 A |
| Certification | |
| Safety | IEC 62368-1 compliant; United States and Canada (CSA listed); EU (MD compliant, EN60204-1, EN12100, EN13849-1, EN1010-1); Ukraine (UA) |
| Electromagnetic | Compliant with Class A requirements: 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 | One-year limited hardware warranty |

Use Original HP inks and printheads, and HP large format printing materials, to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit <https://hp.com/go/OriginalHPInks>

Original HP large format printing materials

HP Photo-realistic Poster Paper
HP Optimal Gloss Air GRP (REACH Compliant²)
HP Removable Adhesive Fabric (REACH Compliant²)
HP 15-oz Prime Double-sided Blockout Banner (REACH Compliant²)
For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

U95RSE HP 2 year Plus Service Plan Hardware Support w/DMR for HP Latex FS50 (In Warranty)
U95RTE HP 3 year Plus Service Plan Hardware Support w/DMR for HP Latex FS50 (In Warranty)
U95RVE HP 4 year Plus Service Plan Hardware Support w/DMR for HP Latex FS50 (In Warranty)
U95RWE HP 5 year Plus Service Plan Hardware Support w/DMR for HP Latex FS50 (In Warranty)
HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit <http://www.hp.com/go/cpc>

Specification Footnotes

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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