

# HP Latex FS50 W Printer



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



## STUNNING—Quality that drives high margins

- You can grow into higher-margin jobs with up to 30% wider gamut<sup>1</sup> at high speed—preserving media gloss, feel.
- Stand out with a wide range of signage and décor applications—thin films, vinyl, odorless<sup>2</sup> backlit textiles.
- Consistent color and quality configurations across your global fleet with HP Configuration Center<sup>3</sup>.

## 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 m<sup>2</sup> (958 ft<sup>2</sup>) per hour<sup>4</sup> today.
- Minimize 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 Plan<sup>5</sup>.

## SUSTAINABLE—With environmental certifications

- This printer is built to last<sup>6</sup> thanks to its scalable design.
- Create a comfortable workspace—water-based inks enable odorless prints<sup>2</sup> and no hazardous air pollutants<sup>7</sup>.
- Stand out with an offering that meets environmental certifications like UL ECOLOGO<sup>8</sup> and UL GREENGUARD<sup>9</sup>.
- Contribute to the circular economy with HP Planet Partners<sup>10</sup> and PVC alternative media profile database<sup>11</sup>.

## Sustainability in action

### Messaging Footnotes

<sup>1</sup>Based 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.

<sup>2</sup>Based 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 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>3</sup>HP 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>.

<sup>4</sup>Based on internal HP testing. Outdoor mode 3-pass, 6-color, 90%. While CMYK and Optimizer are duplicated with symmetrical double printheads, Overcoat, Light Magenta and Light Cyan rely on single printheads.

<sup>5</sup>HP 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>.

<sup>6</sup>Based 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.

<sup>7</sup>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.

<sup>8</sup>UL ECOLOGO<sup>®</sup> 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>.

<sup>9</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. Unrestricted room size—fully 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. For more information, visit <http://www.ul.com/gg> or <http://www greenguard.org>. For certifications, see <http://www greenguard.org>.

<sup>10</sup>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.

<sup>11</sup>HP application 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/>



Datasheet

# Technical specifications

Print	Media types
<b>Print speed</b>	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, fabrics, mesh, textiles <sup>1</sup>
<b>Print resolution</b>	Up to 1200 x 1200 dpi
<b>Technology</b>	HP Latex Printing Technologies
<b>Ink types</b>	Water-based HP Latex Inks
<b>Print Cartridges/Bottle, Number</b>	9 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Latex Overcoat, white)
<b>Print cartridge/bottle volume delivered</b>	5 L (color) upgradeable to 10 L with B3SG0A; 3L (white)
<b>Printheads</b>	9 (6 HP Latex Universal, 2 HP Latex Optimizer, 1 HP Latex White)
<b>Long-term print-to-print repeatability</b>	Maximum color difference (95% of colors) $\leq$ 2 dE2000
<b>Media</b>	
<b>Applications</b>	Exhibition and event graphics; Decoration; Displays; Exterior signage; Indoor posters; Banners; Light boxes - film; POP/POS; Textile; Vehicle graphics; Wallpaper; Window graphics
<b>Handling</b>	Roll-to-roll, double-sided blockout, dual-roll (optional), roll-to-freefall (optional), ink collector (optional)
<b>Maximum media width</b>	126 in (single roll); 2 x 63 in (optional dual roll); 2 x 60 in (optional jumbo dual roll)
<b>Media rolls</b>	1 (2 with optional dual roll kit)
<b>Roll size</b>	Up to 126 in (single roll); Up to 2 x 63 in (optional dual roll); Up to 2 x 60 in (optional jumbo dual roll)
<b>Maximum roll weight</b>	Up to 350 lb (single roll); Up to 661 lb (with optional diverter roller); Up to 2 x 155 lb (with optional dual roll kit); Up to 2 x 440 lb (with optional jumbo dual roll kit)
<b>Maximum roll diameter</b>	11.8 in (15.75 in with optional diverter roller)
<b>Thickness</b>	Up to 0.015 in (default); up to 0.08 in (with custom carriage height setting)

## Ordering information

Product		
9T923C	HP Latex FS50 W Printer	
<b>Accessories</b>		
474Y0A	HP Latex 2700/FS Ink Collector Foams Kit	G0Z34A HP 883 5-liter Optimizer Latex Ink Cartridge
4J0X0A	HP 126-in Dual Roll Kit	G0Z35A HP 883 5-liter Overcoat Latex Ink Cartridge
4R4W4A	HP 126-in Spindle	G0Z44A HP 883 3-liter White Latex Ink Cartridge
4R4W5A	HP Latex 126-in Roll Freefall Kit	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 <a href="https://hp.com/go/OriginalHPInks">https://hp.com/go/OriginalHPInks</a>
4R4W7A	HP 126-in Diverter Roller	
55P20A	HP Latex 2700/FS Standard Uptime Kit	<b>Original HP large format printing materials</b>
55P22A	HP Latex 2700/FS User Maintenance Kit	HP Photo-realistic Poster Paper
79D06A	HP Latex 2700/FS Edge Holder Kit	HP Optimal Gloss Air GRP (REACH Compliant <sup>2</sup> )
B3SG0A	HP Latex FS Series High Capacity Ink Upp	HP Removable Adhesive Fabric (REACH Compliant <sup>2</sup> )
G1K80B	HP 126-in Dual Roll Spindle	HP 15-oz Prime Double-sided Blockout Banner (REACH Compliant <sup>2</sup> )
L2E28A	HP Latex Jumbo Dual Roll Split Spindles	For the entire HP Large Format Printing Materials portfolio, please see <a href="http://HPLFMedia.com">HPLFMedia.com</a> .
M2J33A	HP Latex In-Line Slitters	<b>Service and Support</b>
T4E58B	HP Latex Media Saver Kit	U95SKE HP 2 year Plus Service Plan Hardware Support w/DMR for HP Latex FS50 White (In Warranty)
<b>Original HP printing supplies</b>		U95SLE HP 3 year Plus Service Plan Hardware Support w/DMR for HP Latex FS50 White (In Warranty)
G0Z21A	HP 886 White Latex Printhead	U95SME HP 4 year Plus Service Plan Hardware Support w/DMR for HP Latex FS50 White (In Warranty)
G0Z22A	HP 886 Optimizer Latex Printhead	U95SNE HP 5 year Plus Service Plan Hardware Support w/DMR for HP Latex FS50 White (In Warranty)
G0Z24A	HP 886 Latex Printhead	HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a>
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	

## Specification Footnotes

<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.



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