



HP Latex 560 Printer

Manage peaks efficiently, rely on highest quality over time



Water-based HP Latex Technology is unique, delivering a combination of true application versatility, high image quality and high productivity, and a sustainable approach that's better for your operators, your business, and the environment.¹

Match peak demand with fast response times

- Load rolls in one minute or less with the spindleless pivot table and automatic skew adjustment
- Respond fast with quality—up to 23 m²/hr (248 ft²/hr) indoor quality mode
- Cut risk, eliminate delays—prints are dry and scratch resistant² immediately after printing
- Easily produce high-quality double-sided banners—automation enables efficiency and speed

Get vivid color and consistent quality over time

- Produce highly saturated prints with up to 50% more ink density,³ using vivid print modes
- Print colors right the first time with the i1 embedded spectrophotometer⁴ and HP Custom Substrate Profiling
- Consistent, day-one image quality over time—native 1200 dpi, user changes printheads, auto nozzle replacement
- Handle robust tiling applications with consistent colors to ≤ 2 dE2000⁵ and ± 1 mm/m length accuracy

Keep costs low

- Get the high-quality results of high-cost materials on lower cost banners and vinyls with the wiper roller
- Double your work space⁶—do all tasks from the front of the printer, including media/ink cartridge changes
- Cut 2 to 3 hours/month maintenance⁷—automatic maintenance, OMAS media calibration save operator time
- Plan production in advance, optimize supplies usage, and save time—utilities predict how much ink is needed

For more information, please visit hp.com/go/Latex560

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at hp.com/communities/HPLatex

¹ Based on a comparison of HP Latex Ink technology to competitors with leading market share as of December, 2013 and analysis of published MSDS/SDSs and/or internal evaluation. Performance of specific attributes may vary by competitor and ink technology/formulation.

² Scratch resistance is comparable to hard-solvent inks on self-adhesive vinyl and PVC banner. Scratch-resistance comparison based on testing third-generation HP Latex Inks and representative hard-solvent inks. Estimates by HP Image Permanence Lab on a range of media.

³ Compared to the HP Latex 360 Printer when using the same print mode.

⁴ ICC profiling with the spectrophotometer does not support uncoated textiles and backlits.

⁵ The color variation inside a printed job has been measured at 10-pass mode on vinyl media within this limit: maximum color difference (95% of colors) ≤ 2 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. 5% of colors may experience variations above 2 dE2000. Backlit substrates measured in transmission mode may yield different results.

⁶ Available work space based on internal HP testing in January, 2016 comparing the HP Latex 500 Printer series to key competitive printers.

⁷ Based on internal HP testing and manual maintenance requirements published in user manuals available as of January, 2016 for key competitive products compared to automatic maintenance provided by the HP Latex 500 Printer series.

HP Latex 560 Printer (1.63 m / 64 in)

HP Latex Optimizer

- Achieve high image quality at high productivity
- Interacts with HP Latex Inks to rapidly immobilize pigments on the surface of the print

End-to-end sustainability—a better approach

HP Latex Technology delivers all the certifications that matter to your operators, your business, and the environment.⁸



UL ECOLOGO⁹



Eco Mark Certification
Number 14142007¹⁰

Using water-based inks eliminates exposure to inks with hazard warning labels and high solvent concentrations, and simplifies ventilation, storage, and transportation requirements.

HP Latex Inks enable more differentiation—odorless prints go where solvent can't.



UL GREENGUARD GOLD¹¹

HP is designing end-to-end sustainability into large-format printing. The HP Latex 560 Printer is EPEAT Bronze registered—a designation for reduced environmental impact.¹²



⁸ Based on a comparison of HP Latex Ink technology to competitors with leading market share as of December, 2013 and analysis of published MSDS/SDSs and/or internal evaluation. Performance of specific attributes may vary by competitor and ink technology/formulation.

⁹ Applicable to HP Latex Inks. 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 ul.com/EL).

¹⁰ HP 831 Latex Ink Cartridges, certification number 14142007, certified by the Eco Mark Office of Japan Environment Association.

¹¹ 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 ul.com/gg or greenguard.org.

¹² EPEAT registered where applicable/supported. See epeat.net for registration status by country.

¹³ Scratch-resistance comparison based on testing third-generation HP Latex Inks and representative hard-solvent inks. Estimates by HP Image Permanence Lab on a range of media.

¹⁴ HP image permanence estimates by HP Image Permanence Lab. Outdoor display permanence tested according to SAE J2527 on a range of media, including HP media; in a vertical display orientation in simulated nominal outdoor display conditions for select high and low climates, including exposure to direct sunlight and water; performance may vary as environmental conditions change. Laminated display permanence using HP Clear Gloss Cast Overlaminate, GBC clear gloss 1.7 mil hot laminate, or Neschen Solvoprint Performance Clear 80 laminate. Results may vary based on specific media performance.

¹⁵ For best results use media options intended for double-sided printing.

¹⁶ ICC profiling with the spectrophotometer does not support uncoated textiles and backlits.

¹⁷ The color variation inside a printed job has been measured at 10-pass mode on vinyl media within this limit: maximum color difference (95% of colors) <= 2 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. 5% of colors may experience variations above 2 dE2000. Backlit substrates measured in transmission mode may yield different results.

HP Latex Inks

- Scratch resistance comparable to hard-solvent inks on SAV and PVC banner—you can consider un laminated use for short-term signage¹³
- Outdoor durability up to 5 years laminated, 3 years un laminated¹⁴

HP Latex printheads

- See fine details and smooth transitions with HP 831 Latex Printheads providing 1200 dpi native resolution
- Keep day-one image quality by replacing the printheads yourself in a few minutes, without a service call

High-efficiency curing

- Prints are completely cured and dry inside the printer, and ready for immediate finishing and delivery

Easy maintenance and operation

- Accessible print zone with large window and lights
- Enjoy low-maintenance printing with automatic drop detection and nozzle replacement

HP Optical Media Advance Sensor (OMAS)

- Precise and accurate motion control of media advance between print swaths
- Controls registration automatically including double-sided prints with automated registration across sides¹⁵

HP Latex 560 Printer

HP Latex Technology



HP Custom Substrate Profiling

- Simplified color management, directly from the front panel, 8-inch touchscreen
- Pre-installed generic and HP substrate online profile library
- Create custom ICC profiles with the i1 embedded spectrophotometer¹⁶



Spectrophotometer

- Color consistency for balanced production
- i1 embedded spectrophotometer enables automatic calibration¹⁶
- Delivers consistent colors to ≤ 2 dE2000¹⁷
- Color emulation workflow



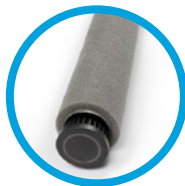
Spindleless system

- Fast media load/unload; load in one minute or less
- Front media loading, easy single operator task



Wiper roller

- Get the high-quality results of high-cost materials on lower cost banners and vinyls with the wiper roller



Heavier rolls

- Run unattended—print 100-m (328-ft) length SAV rolls with heavy roll support up to 55 kgs (121 lbs)
- Easy operation with the roll lifter



Technical specifications

| | | | |
|-------------------------------|--|--|---|
| Printing | Printing modes | 91 m ² /hr (980 ft ² /hr) - Max Speed (1-pass) 31 m ² /hr (334 ft ² /hr) - Outdoor High Speed (4-pass 4-color) 28 m ² /hr (301 ft ² /hr) - Outdoor Plus (4-pass) 23 m ² /hr (248 ft ² /hr) - Indoor Quality (6-pass) 14 m ² /hr (151 ft ² /hr) - Indoor High Quality (10-pass) 6 m ² /hr (69 ft ² /hr) - Backlits, Textiles, and Canvas (16-pass) 5 m ² /hr (54 ft ² /hr) - High Saturation Textiles (20-pass) | |
| | Print resolution | Up to 1200 x 1200 dpi | |
| | Margins | 5 x 5 x 0 x 0 mm (0.2 x 0.2 x 0 x 0 in) (without edge holders) | |
| | Ink types | HP Latex Inks | |
| | Ink cartridges | Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer | |
| | Cartridge size | 775 ml | |
| | Printheads | 7 (2 cyan/black, 2 yellow/magenta, 1 light magenta/light cyan, 2 HP Latex Optimizer) | |
| | Color consistency ¹⁸ | Average <= 1 dE2000, 95% of colors <= 2 dE2000 | |
| | Media | Handling | Roll feed; take-up reel; wiper roller; roll lifter; automatic cutter (for vinyl, paper-based media, backlit polyester film) |
| | | Media types | Banners, self-adhesive vinyls, films, fabrics, papers, wall-coverings, canvas, synthetics, mesh, textiles ¹⁹ |
| Roll size | | 254 to 1625-mm (10 to 64-in) rolls (580 to 1625-mm (23 to 64-in) rolls with full support) | |
| Roll weight | | 55 kg (121 lb) | |
| Roll diameter | | 250 mm (9.8 in) | |
| Thickness | Up to 0.5 mm (19.7 mil) | | |
| Applications | Banners, Displays, Double-sided banners, Exhibition, Event graphics, Exterior signage, Indoor posters, Interior decoration, Light boxes – film, Light boxes – paper, Murals, POP/POS, Posters, Textiles, ¹⁹ Vehicle graphics | | |
| Connectivity | Interfaces (standard) | Gigabit Ethernet (1000Base-T) | |
| Dimensions (w x d x h) | Printer | 2560 x 792 x 1420 mm (101 x 31 x 56 in) | |
| | Shipping | 2750 x 1037 x 1689 mm (108 x 41 x 67 in) | |
| | Operating area | 2761 x 1792 mm (109 x 71 in) | |
| Weight | Printer | 220 kg (485 lb) | |
| | Shipping | 330 kg (728 lb) | |
| What's in the box | HP Latex 560 Printer, printheads, maintenance cartridge, ink collector, output platen protector, printer stand, roll lifter, take-up reel, loading accessory, user maintenance kit, edge holders, quick reference guide, setup poster, documentation software, power cords | | |
| Environmental ranges | Operating temperature | 15 to 30°C (59 to 86°F) | |
| | Operating humidity | 20 to 80% RH (non-condensing) | |
| Acoustic | Sound pressure | 59 dB(A) (printing); 39 dB(A) (ready); < 15 dB(A) (sleep) | |
| | Sound power | 7.3 B(A) (printing); 5.4 B(A) (ready); < 3.5 B(A) (sleep) | |
| Power | Consumption | 4 kW (printing); 85 watts (ready); < 3 watts (sleep) | |
| | Requirements | Input voltage (auto ranging) 200 to 240 VAC (-10% +10%) two wires and PE; 50/60 Hz (+/- 3 Hz); two power cords; 13 A max per power cord | |
| Certification | Safety | IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC); Australia and New Zealand (RCM) | |
| | Electromagnetic | Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI) | |
| | Environmental | ENERGY STAR, WEEE, RoHS (EU, China, Korea, India, Ukraine, Turkey), REACH, EPEAT Bronze, OSHA, CE marking compliant | |
| Warranty | One-year limited hardware warranty | | |



Ordering information

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| Product | M0E29A | HP Latex 560 Printer | |
| Accessories | F0M59A | HP Latex 300/500 User Maintenance Kit | |
| | T7U73A | HP Latex 500 Series Wiper Roller | |
| | T7U74A | HP Latex 500 Series Ink Collector | |
| | T7U76A | HP Latex 500 Series Beacon | |
| Original HP printheads | CZ677A | HP 831 Cyan/Black Latex Printhead | |
| | CZ678A | HP 831 Yellow/Magenta Latex Printhead | |
| | CZ679A | HP 831 Light Magenta/Light Cyan Latex Printhead | |
| | CZ680A | HP 831 Latex Optimizer Printhead | |
| | CZ694A | HP 831C 775-ml Black Latex Ink Cartridge | |
| | CZ695A | HP 831C 775-ml Cyan Latex Ink Cartridge | |
| Original HP ink cartridges and maintenance supplies | CZ696A | HP 831C 775-ml Magenta Latex Ink Cartridge | |
| | CZ697A | HP 831C 775-ml Yellow Latex Ink Cartridge | |
| | CZ698A | HP 831C 775-ml Light Cyan Latex Ink Cartridge | |
| | CZ699A | HP 831C 775-ml Light Magenta Latex Ink Cartridge | |
| | CZ706A | HP 831 775-ml Latex Optimizer Ink Cartridge | |
| | CZ681A | HP 831 Latex Maintenance Cartridge | |
| | Original HP large format printing materials | HP printing materials are designed together with HP Latex Inks and HP Latex printers to provide optimal image quality, consistency, and reliability. | |
| | | HP Permanent Gloss Adhesive Vinyl REACH ²⁰ | |
| | | HP Backlit Polyester Film ²¹ | |
| | | HP PVC-free Durable Smooth Wall Paper REACH, ²⁰ FSC® certified, ²² UL GREENGUARD GOLD Certified ²³ | |
| HP Premium Poster Paper ²¹ FSC® certified ²² | | | |
| For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com . | | | |
| Service and support | U9AX7E | HP 2 year Next Business Day with Defective Media Retention HW Support | |
| | U9AY0E | HP 3 year Next Business Day with Defective Media Retention HW Support | |
| | U9AY1PE | HP 1 year Post Warranty Next Business Day with Defective Media Retention HW Support | |
| | U9CR9PE | HP 2 year Post Warranty Next Business Day with Defective Media Retention HW Support | |
| | U9AY2E | HP 2 year Channel Rmt Part with Defective Media Retention HW Support | |
| | U9CS0PE | HP 1 year Post Warranty Channel Rmt Parts with Defective Media Retention HW Support | |
| | M0E29-67087 | HP Service Maintenance Kit 3 | |
| | M0E29-67085 | HP Service Maintenance Kit 1 | |

¹⁸ The color variation inside a printed job has been measured at 10-pass mode on vinyl media within this limit: maximum color difference (95% of colors) <= 2 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/ E:2012. 5% of colors may experience variations above 2 dE2000. Backlit substrates measured in transmission mode may yield different results.

¹⁹ Performance may vary depending on media—for more information, see hp.com/go/mediasolutionslocator. For best results, use textiles that do not stretch. The optional ink collector is required for porous textiles.

²⁰ 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.

²¹ HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See HPLFMedia.com/hp/ecosolutions for details.

²² BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions.

²³ 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 ul.com/gg or greenguard.org.

