



# HP Latex 560 Printer

Accommodate production peaks and rely on HP Latex image quality for the life of this 64-inch printer



## 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 248 ft<sup>2</sup>/hr (23 m<sup>2</sup>/hr) indoor quality mode.
- Cut risk, eliminate delays—prints are dry and scratch resistant<sup>2</sup> 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<sup>3</sup>, using vivid print modes.
- Print colors right the first time with the i1 embedded spectrophotometer<sup>4</sup> 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  $\leq 2$  dE2000<sup>5</sup> 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 space<sup>6</sup>—do all tasks from the front of the printer, including media/ink cartridge changes.
- Cut 2 to 3 hours/month maintenance<sup>7</sup>—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 <http://www.hp.com/go/latex560> Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at <https://hplatexknowledgecenter.com/>

<sup>1</sup> The HP Latex Mobile is compatible with Android™ 4.1.2 or later and iOS 7 or later, and requires the printer and the smart phone to be connected to the Internet.

<sup>2</sup> 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.

<sup>3</sup> Compared to the HP Latex 360 Printer when using the same print mode.

<sup>4</sup> ICC profiling with the spectrophotometer does not support uncoated textiles and backlits.

<sup>5</sup> 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)  $\leq 2$  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.

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

<sup>7</sup> 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.

## Technical specifications

### Print

Printing modes	980 ft <sup>2</sup> /hr (91 m <sup>2</sup> /hr)– Max Speed (1-pass) 334 ft <sup>2</sup> /hr (31 m <sup>2</sup> /hr)– Outdoor High Speed (4-pass 4-color) 301 ft <sup>2</sup> /hr (28 m <sup>2</sup> /hr)– Outdoor Plus (4-pass) 248 ft <sup>2</sup> /hr (23 m <sup>2</sup> /hr)– Indoor Quality (6-pass) 151 ft <sup>2</sup> /hr (14 m <sup>2</sup> /hr)– Indoor High Quality (10-pass) 69 ft <sup>2</sup> /hr (6 m <sup>2</sup> /hr)– Backlits, Textiles, and Canvas (16-pass) 54 ft <sup>2</sup> /hr (5 m <sup>2</sup> /hr)– High Saturation Textiles (20-pass)
Print resolution	Up to 1200 x 1200 dpi
Ink types	Water-based HP Latex Inks
Ink cartridges	7 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer)
Cartridge size	775 ml
Printheads	7 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 2 HP Latex Optimizer)
Long-term print-to-print repeatability	Average ≤ 1 dE2000, 95% of colors ≤ 2 dE2000 <sup>1</sup>

### Media

Handling	Roll feed, take-up reel, wiper roller, automatic cutter (for vinyl, paper-based media, backlit polyester film)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, fabrics, mesh, textiles <sup>2</sup>
Roll size	10 to 64-in (254 to 1625-mm) rolls; 23 to 64-in (580 to 1625-mm) rolls with full support
Roll weight	121 lb (55 kg)
Roll diameter	9.8 in (250 mm)
Thickness	Up to 19.7 mil (Up to 0.5 mm)

Applications	Banners; Displays; Double-sided banners; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics
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### Connectivity

Interfaces	Gigabit Ethernet (1000Base-T)
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### Dimensions (w x d x h)

Printer	101 x 31 x 56 in (2560 x 792 x 1420 mm)
Shipping	108 x 41 x 67 in (2750 x 1037 x 1689 mm)
Operating area	109 x 71 in (2761 x 1792 mm)

### Weight

Printer	485 lb (220 kg)
Shipping	728 lb (330 kg)

What's in the box	HP Latex 560 Printer, printheads, maintenance cartridge, ink collector, output platen protector, printer stand, take-up reel, loading accessory, user maintenance kit, edge holders, wiper roller, quick reference guide, setup poster, documentation software, power cords
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### Environmental ranges

Operating temperature	59 to 86°F (15 to 30°C)
Operating humidity	20 to 80% RH (non-condensing)

### Acoustics

Sound pressure	59 dB(A) (operating), 39 dB(A) (idle), <15 dB(A) (sleep)
Sound power	7.3 B(A) (operating), 5.4 B(A) (idle), <3.5 B(A) (sleep)

### Power

Consumption	4 kW (printing), 85 W (ready), <3 W (sleep)
Requirements	Input voltage (auto ranging) 200 to 240 VAC 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)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES)
Environmental	ENERGY STAR; WEEE; REACH; EPEAT Bronze; OSHA
Warranty	One-year limited hardware warranty

## Ordering information

### Product

MOE29A	HP Latex 560 Printer
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### Accessories

2LY32A	HP Latex 500 Media Lifter
F0M59A	HP Latex User Maintenance Kit
F0M63A	HP Series 300 Media Loading Accessory
F0M64A	HP Series 300/500 Edge Holder Kit
T4E58B	HP Latex Media Saver Kit
T7U73A	HP Latex 500 Wiper Roller
T7U74A	HP Series 300 Ink Collector Foam Kit

### Original HP printing supplies

CZ677A	HP B31 Cyan/Black Latex Printhead
CZ678A	HP B31 Yellow/Magenta Latex Printhead
CZ679A	HP B31 Light Magenta/Light Cyan Latex Printhead
CZ680A	HP B31 Latex Optimizer Printhead
CZ681A	HP B31 Latex Maintenance Cartridge
CZ682A	HP B31A 775-ml Black Latex Ink Cartridge
CZ683A	HP B31A 775-ml Cyan Latex Ink Cartridge
CZ684A	HP B31A 775-ml Magenta Latex Ink Cartridge
CZ685A	HP B31A 775-ml Yellow Latex Ink Cartridge
CZ686A	HP B31A 775-ml Light Cyan Latex Ink Cartridge
CZ687A	HP B31A 775-ml Light Magenta Latex Ink Cartridge
CZ706A	HP B31 775-ml Latex Optimizer Ink Cartridge

### Original HP large format printing materials

HP Permanent Gloss Adhesive Vinyl (REACH certified <sup>3</sup> )
HP Backlit Polyester Film <sup>4</sup>
HP PVC-free Durable Smooth Wall Paper (REACH <sup>3</sup> , FSC <sup>5</sup> , UL GREENGUARD GOLD certified <sup>6</sup> )
HP Premium Poster Paper <sup>4</sup> (FSC <sup>5</sup> certified <sup>5</sup> )

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

### Service and Support

U9AX7E	HP 2 year NBD with Defective Media Retention
U9AY0E	HP 3 year NBD with Defective Media Retention
U9AY1PE	HP 1 year Post Warranty NBD with Defective Media Retention
U9CR9PE	HP 2 year Post Warranty NBD with Defective Media Retention
MOE29-67087	HP Service Maintenance Kit 3
MOE29-67085	HP Service Maintenance Kit 1

## ECO highlights

- Better for printing companies/operators—no special ventilation or HAPs[eco01]
- Better for the end-customer, more differentiation—odorless prints reach more indoor spaces<sup>2</sup>
- Better for the environment—HP designs end-to-end sustainability into large-format printing
- HP Latex Inks are UL GREENGUARD GOLD Certified<sup>3</sup>

Please recycle printing hardware and eligible printing supplies. Find out how at our website: <http://www.hp.com/ecosolutions>

<sup>1</sup> Special ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements. Special ventilation equipment installation is at the discretion of the customer—see the Site Preparation Guide for details. Customers should consult state and local requirements and regulations. 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>2</sup> 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> 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://www.ul.com/gg> or <http://www.greenguard.org>.

<sup>4</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. EPEAT registered where applicable/supported. See <http://www.epeat.net> for registration status by country.

<sup>1</sup> 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. Backlit substrates measured in transmission mode may yield different results.

<sup>2</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>3</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.

<sup>4</sup> 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 <http://www.HPLFMedia.com/hplfecosolutions> for details.

<sup>5</sup> BMG trademark license code FSC®-C115319, see <http://www.fsc.org>. HP trademark license code FSC®-C017543, see <http://www.fsc.org>. Not all FSC®-certified products are available in all regions.

<sup>6</sup> 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://www.ul.com/gg> or <http://www.greenguard.org>.

