HP Latex R2000 Plus Printer

Unprecedented quality and colors[1] on rigid up to 98 inches, for sustained production environments



Achieve amazing colors on both rigid and flexible

- Get vibrant HP Latex color gamut on rigid while preserving media gloss and feel, and prints with no smell.[3]
- One technology for the same look across rigid and flexible campaigns let's you say goodbye to print and mount.
- Durable and flexible water-based ink for high adhesion and scratch resistance with a new HP Latex Overcoat.[4]

Expand your offering with the glossiest white[2]

- Glossiest white on transparent and colored media with high-opacity white that resists yellowing over time.[2]
- No waste between white jobs[5] with removable HP Thermal Inkjet printheads stored in offline rotating chamber.
- Automatic maintenance makes white like any other color, including automatic recirculation and nozzle checks.

Increase your productivity with smarter printing

- Meet production peaks with high-speed quality up to 496 indoor/948 outdoor ft^2/hr[6], continuous loading.
- Advanced engineering drives high productivity with automatic maintenance, smart vacuum, and assisted loading.
- Maximize uptime with this smart printer for proactive and preventive services.

For more information, please visit
hp.com/go/LatexR2000

Join the community, find tools, and talk to experts.
Visit the HP Latex Knowledge Center at
hplatexknowledgecenter.com

[1] Most vibrant colors based on internal HP testing, January 2018 compared to leading competitive printers under $350,000 USD. Tested in High Quality print mode on rigid (white acrylic 12-pass, 6-color, 120%). Internal HP testing with HP GamutViewer, Alpha Shapes=50000.

[2] Glossiest white based on internal HP testing in January, 2018 compared to the HP Scitex FB750/FB550 Printer using UV-curable ink technology. White ink measured for the level of gloss at 60 degrees on a rigid material (acrylic). Tested using Glossmeter BYK micro-TRI-gloss (20°, 60°, 85°), compatible with ISO 2813 and ASTM D523 relative to glossiness measure. High opacity and resists yellowing based on internal HP WeatherOmeter testing October, 2017 with 1 dot-per-pixel HP Latex Overcoat, on a range of rigid and flexible unlaminated substrates. Yellowing based on L* and B* of white underflood samples. White ink capability may be optional, requiring purchase of the HP White Ink Option Kit.

[3] 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.

[4] HP Latex Overcoat improves scratch resistance on low-cost prints where lamination may be impractical or too expensive. Scratch resistance based on internal HP testing in January, 2018 demonstrating equivalent scratch-resistance performance for prints produced with HP Latex Inks for the HP Latex R Printer series and HP Latex Inks for the HP Latex 1500 Printer that provide scratch resistance comparable to representative hard-solvent inks on self-adhesive vinyl and PVC banner. Estimates by HP Image Permanence Lab on a range of media.

[5] When HP 886 White Latex Printheads are placed in the storage chamber, no white ink is used for servicing when printheads are not in use.

[6] Indoor High Quality mode 6-pass, 6-color, 100%. Outdoor mode 3-pass, 6-color, 80%.

Technical specifications

Printing	Printing modes	220 ft²/hr (20 m²/hr) - Indoor High Quality (12p 120%)
		496 ft²/hr (46 m²/hr) - Indoor Production (6p 110%)
		948 ft²/hr (88 m²/hr) - Outdoor (3p 70%)
		183 ft²/hr (17 m²/hr) - White Overflood (100%)
		380 ft²/hr (35 m²/hr) - White Spot (100%)
	Ink types	HP Latex Inks
	Ink cartridges	9 (cyan, magenta, yellow, black, light cyan, light magenta, HP Latex Optimizer, HP Latex Overcoat, white)
	Cartridge size	5 liter (colors, HP Latex Optimizer, HP Latex Overcoat); 3 liter (white)
	Printheads	8 (cyan/black, magenta/yellow, light cyan/light magenta, HP Latex Overcoat, 2 HP Latex Optimizer, 2 white)
	Long-term print-to-print repeatability	Average ≤ 1.0 dE2000, 95% of colors ≤ 2 dE2000[2]
Media	Handling	Flatbed, sheet feed, roll feed, vacuum belt media drive for easy loading and accurate media advance
	Media types	Rigid substrates: paper foamboard, plastic foamboard, PVC foam, plastic corrugated, acrylic, polycarbonate, polystyrene, compressed cardboard, corrugated board, honeycomb board, aluminum composite panel, wood, glass, ceramic; Roll substrates: PVC banner, self-adhesive vinyl, coated paper, polypropylene, polystyrene, polycarbonate, polyester, textile (non porous), canvas
	Rigid media size	11.7 x 16.5 in to 98 x 48 in (up to 98 x 120 in with two sets of optional extension tables);(297 x 420 mm to 2489 x 1220 mm (up to 2489 x 3050 mm with two sets of optional extension tables))
	Roll size	60.9 cm to 2.49 m; (24 to 98.4 in)
	Roll weight	100 kg; (220 lb)
	Roll diameter	25 cm ; (9.8 in)
	Thickness	Up to 50.8 mm (Up to 2 in)
Applications	Exhibition and event graphics; Exterior signage; Interior decoration; POP/POS; Short-run packaging; Textile; Vehicle graphics	
Connectivity	Interfaces	Gigabit Ethernet (1000Base-T)
Dimensions (w x d x h)	Printer: 5.10 x 2.04 x 1.75 m (printer); 5.10 x 3.64 x 1.75 m (including standard input and output tables) (201 x 80 x 69 in (printer); 201 x 143 x 69 in (including standard input and output tables)) Shipping: 5.32 x 2.24 x 2.15 m (209 x 88 x 85 in) Operating area: 8.7 x 7.23 x 3 m (28.5 x 23.7 x 9.8 ft)	
Weight	Printer: 1587 kg (3499 lb); Shipping: 4000 kg (8818 lb) Shipping: 4000 kg (8818 lb)	
What's in the box	HP Latex R2000 Printer; HP Latex R Series White Upgrade Accessory Kit; HP Latex R2000 Roll Printing Accessory Kit with 98-in spindles (x2) and pneumatic gun and table top roll holders (x2); HP 886 Latex Printheads; HP Latex Printhead Cleaning Kit; standard input and output tables; foot switch; HP Internal Print Server and displays (x2); printer maintenance kit; warranty and intro docs	
Environmental ranges	Operating temperature: 15 to 30°C (59 to 86°F) Operating humidity: 20 to 70% RH (non-condensing)	
Power consumption	10 to 12 kW (typical)	
Certification	Safety	IEC 60950-1+A1+A2 compliant; United States and Canada (CSA listed); EU (LVD and MD compliant, EN60950-1, EN12100-1, EN ISO13849-1, EN60204-1, and EN1010-1); Russia, Belarus and Kazakhstan (EAC); Australia, New Zealand (RCM)
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)
	Environmental	WEEE; RoHS (EU, China, Korea, Singapore, Turkey, Ukraine); India Waste Management Rules; REACH; CA 65 Prop; ErP Ecodesign Directive
Warranty	1.5 years Maintenance and Support coverage: Six-month limited hardware warranty; 12 months HP Standard Service, Maintenance and Support. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP service and support options in your region.	

[1] 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.

[2] Recyclable HP papers can be recycled through commonly available recycling programs, or according to region-specific practices, or can be returned through the HP Large Format Media take-back program. Recycling programs may not exist in your area. See HPLFMedia.com/hp/ecosolutions for details.

Ordering information

Product	K0Q46A	HP Latex R2000 Plus Printer
Accessories	T7V23A	HP Latex R2000 Extension Tables
Original HP printheads	G0Z21A	HP 886 White Latex Printhead
	G0Z22A	HP 886 Optimizer Latex Printhead
	G0Z24A	HP 886 Latex Printhead
Original HP ink cartridges and maintenance supplies	G0Z09A	HP 886 3-liter White Latex Ink Cartridge
	G0Z10A	HP 882 5-liter Cyan Latex Ink Cartridge
	G0Z11A	HP 882 5-liter Magenta Latex Ink Cartridge
	G0Z12A	HP 882 5-liter Yellow Latex Ink Cartridge
	G0Z13A	HP 882 5-liter Black Latex Ink Cartridge
	G0Z14A	HP 882 5-liter Light Cyan Latex Ink Cartridge
	G0Z15A	HP 882 5-liter Light Magenta Latex Ink Cartridge
	G0Z16A	HP 882 5-liter Optimizer Latex Ink Cartridge
	G0Z17A	HP 882 5-liter Overcoat Latex Ink Cartridge
	G0Z00A	HP Latex Printhead Cleaning Kit
Service Kits	2WM39A	HP Latex R Series Uptime Kit
	2WM40A	HP Latex R Series Expert Kit
	2WP87A	HP Latex R Series Reseller/Extended Kit
	Y6V17A	HP Latex R Series Printer Delivery, Install & Initial Training
Service contracts	H0HX4AC	Full coverage extended
	HA151AC	Full coverage
	HK965AC	Shared maintenance
	HK707AC	Parts and remote
Maintenance kits	4BS24A/K0Q45-67270	HP Latex R Series Cleaning Kit
	K0Q45-67272	HP Latex R Series Service Maintenance Kit
	K0Q45-67273	HP Latex R Series White Service Maintenance Kit
Uptime kits	2WM39A/K0Q45-67267	HP Latex R Series Uptime Kit
	2WM40A/K0Q45-67269	HP Latex R Series Expert Kit
	2WP87A/K0Q45-67268	HP Latex R Series Reseller 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 **here**.

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

Eco Highlights

- Better for print operations—no hazard warning labels or HAPs, no localized ventilation needed[1]
- Better for the end-customer, more differentiation—odorless prints[2] go where solvent, UV can't
- Better for the environment—HP designs end-to-end sustainability into large-format printing
- HP Latex Inks—UL ECOLOGO®/UL GREENGUARD GOLD Certified[3] and ECO PASSPORT certified[4]

[1] Contains no Hazardous Air Pollutants according to EPA Method 311. Localized ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements. Localized 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.

[2] 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.

[3] 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). 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.

[4] Original HP Latex Inks for the HP Latex R Printer series are certified ECO PASSPORT by Oeko-Tex,® which is a globally uniform testing and certification system for textile chemicals, colorants, and auxiliaries. It consists of a two-step verification procedure that analyzes whether the co

Please recycle large-format printing hardware and printing supplies.
Find out how at our website
hp.com/ecosolutions

3M™ MCS™ Warranty

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