



HP Latex 3800 Jumbo Roll Solution

Drive new growth for your business with HP Latex digital décor printing capabilities



Bring extra value to your industry with HP Latex

- Offer innovative, high-quality applications like fast, short-run collections with proven HP Latex Technology.
- Achieve what UV can't—preserve media textures and create sharp images with smooth transitions.
- A better approach to sustainability—water-based HP Latex Inks deliver all the certifications that matter.¹

For more information, please visit hp.com/go/latex3800

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

Gain efficient digital production

- This printer fits right into your workflow—print with digital technology with no need to resize your rolls.
- Print on jumbo rolls up to 1.2 tons and 47-inches diameter and benefit from automatic skew compensation.
- Monitor your HP Latex printer in-plant and online with HP PrintOS applications.

Ramp up your production of digital décor

- Expand your design portfolio while reducing inventory by printing batches on-demand.
- Avoid expensive analog set-up costs as well as repetitive patterns and easily create customized short runs.
- Maximize uptime with this smart printer for proactive and preventive services.

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. Print shops/print service providers must seek certifications and eco-labels directly with certifying bodies. HP does not imply or grant certification or ecolabels to print shops/PSPs nor does it support individual customer processing of such certifications.

Technical specifications

Printing	Printing modes	290 ft ² /hr - High Saturation Backlits (18p 6c 230%) 470 ft ² /hr - Textiles and Canvas (10p 6c 170%) 830 ft ² /hr - Indoor High Quality (6p 6c 100%) 1290 ft ² /hr - Outdoor (3p 6c 80%) 1950 ft ² /hr - Billboard (2p 4c 70%)
	Print resolution	Up to 1200 x 1200 dpi
	Ink types	HP Latex Inks
	Ink cartridges	7 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer)
	Cartridge size	10 L
	Printheads	7 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, HP Latex Optimizer)
Media	Long-term print-to-print repeatability	Average ≤ 1.0 dE2000, 95% of colors ≤ 2 dE2000; ≤ 1 dE2000 in Tiling mode ¹
	Handling	Jumbo roll-to-jumbo roll, jumbo roll-to-freefall, jumbo roll-to-collector
	Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, flooring, synthetic leather, decolaminates and non-porous windowblinds
	Roll size	Up to 3.2 m; (126 in)
	Roll weight	Up to 1200 Kg (2646 lb) depending on the spindle
	Roll diameter	120 cm; (47.25 in)
	Thickness	Up to 0.4 mm (default); up to 2.0 mm (with custom carriage height setting) (Up to 0.015 in (default); up to 0.08 in (with custom carriage height setting))
	Applications	Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; POP/POS
Connectivity	Interfaces	Gigabit Ethernet (1000Base-T)
Dimensions (w x d x h)	Printer	6 x 4 x 1.9 m (printer with input unit); 6 x 9.3 x 1.9 m (printer with input and output units) (20 x 13 x 6.1 ft (printer with input unit); 20 x 30.5 x 6.1 ft (printer with input and output units))
	Shipping	586 x 193 x 216 cm (printer); 450 x 230 x 225 cm (each input and output unit) (231 x 76 x 85 in (printer); 177 x 91 x 89 in (each input and output unit))
	Operating area	8 x 9 m (printer with input unit); 8 x 14 m (printer with input and output units) (26 x 30 ft (printer with input unit); 26 x 46 ft (printer with input and output units))
Weight	Printer	1900 kg (printer); 2500 kg (each input and output unit) (4189 lb (printer); 5512 lb (each input and output unit))
	Shipping	3000 kg (printer); 3500 kg (each input and output unit) (6614 lb (printer); 7716 lb (each input and output unit))
What's in the box	HP Latex 3800 Jumbo Printer, HP 881 Latex Printheads, HP 881 Latex Cleaning Roll, HP Latex 126-in Carbon Fiber Spindle (x2), HP Internal Print Server, HP webcam, documentation software, user manual, media edge holders (x4), in-line slitters (x4), Original HP sample media, cleaning supplies, spindle supports (x2), pneumatic gun	
Environmental ranges	Operating temperature:	15 to 30°C (59 to 86°F)
	Operating humidity:	20 to 70% RH (non-condensing)
Power consumption	10 kW (typical) - high-quality indoor mode (6-pass); 11 kW (typical) - outdoor mode (3-pass); 5 kW (typical) -input and output units	
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), Korea (KCC).
	Environmental	WEEE; RoHS (EU, China, Korea, Singapore, Turkey, Ukraine); India Waste Management Rules; REACH; CA 65 Prop; ErP Ecodesign Directive
Warranty	Six month limited hardware warranty	

¹ Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard D5 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	3DB03A	HP Latex 3800 Jumbo Printer	
	1ML40A	HP Latex 3000 Edge Holder Kit	
	3DB04A	HP Latex 3800 Jumbo Input Unit	
	3DB05A	HP Latex 3800 Jumbo Output Unit	
	3WV57A	HP Latex 3800 Jumbo 126-in 6-in Spindle	
	3WV58A	HP Latex 3800 Jumbo 98-in 6-in Spindle	
	3WV59A	HP Latex 3800 Jumbo 98-in 3-in Spindle	
	4CX43A	HP Latex 3800 Jumbo 126-in 6-in Steel Spindle	
	CZ059A	HP Latex 126-in Carbon Fiber Spindle	
	D9Z41A	HP Scitex Onyx Thrive 211 RIP Software	
	L5E74B	HP Scitex Caldera Grand RIP v11 Software	
	Original HP printing supplies	GOY72A	HP & 3M™ 891 10-liter Cyan Latex Ink Cartridge
		GOY73A	HP & 3M™ 891 10-liter Magenta Latex Ink Cartridge
		GOY74A	HP & 3M™ 891 10-liter Yellow Latex Ink Cartridge
GOY75A		HP & 3M™ 891 10-liter Black Latex Ink Cartridge	
GOY76A		HP & 3M™ 891 10-liter Light Cyan Latex Ink Cartridge	
GOY77A		HP & 3M™ 891 10-liter Light Magenta Latex Ink Cartridge	
GOY78A		HP & 3M™ 891 10-liter Latex Optimizer Ink Cartridge	
CR339B		HP 881 Latex Cleaning Roll	
CR327A		HP 881 Yellow/Magenta Latex Printhead	
CR328A		HP 881 Cyan/Black Latex Printhead	
CR329A		HP 881 Light Magenta/Light Cyan Latex Printhead	
CR330A		HP 881 Latex Optimizer Printhead	
Original HP large format printing materials		HP Permanent Gloss Adhesive Vinyl	
		HP Backlit Polyester Film Recyclable ²	
	HP Durable Backlit Fabric Recyclable ²		
	HP Premium Poster Paper Recyclable ²		
Service and support	1UH14A/1HA07-67066	HP Latex 3000 Standard Uptime Kit	
	1VT18A/1HA07-67041	HP Latex 3000 Expert Uptime Kit	
	1VT19A/1HA07-67008	HP Latex 3000 Maintenance Kit	
	1HA07-67012	HP Latex 3000 Service Maintenance Kit	
	1HA07-67013	HP Latex 3000 Textile Service Maintenance Kit	
	CZ056-67390	HP Latex 3000 Cleaning Kit	
	HP Full Hardware Support Contract with Preventive Maintenance and Proactive Monitoring		

Eco Highlights

- Better for print operations—no hazard warning labels or HAPs, no localized ventilation needed¹
- Better for the end-customer, more differentiation—odorless prints² 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 Certified³

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.

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

