HP Latex 3800 Jumbo Printer

Drive new growth for your business with HP Latex digital decor 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]

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-in (119.4 cm) 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 customised short runs.
- Maximise uptime with this smart printer for proactive and preventive services.

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

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

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: http://www.hp.com/go/learnaboutsupplies

[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

Print

Printing modes	27 m²/hr (290 ft²/hr) - High Saturation Backlits (18p 6c 230%) 44 m²/hr (470 ft²/hr) - Textiles and Canvas (10p 6c 170%) 77 m²/hr (830 ft²/hr) - Indoor High Quality (6p 6c 100%) 120 m²/hr (1290 ft²/hr) - Outdoor (3p 6c 80%) 180 m²/hr (1950 ft²/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 Optimiser)
Cartridge size	10 L
Printheads	7 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, HP Latex Optimiser)
Long-term print-to-print repeatability	Average ≤ 1.0 dE2000, 95% of colours ≤ 2 dE2000; ≤ 1 dE2000 in Tiling mode[1]

Media

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 (Up to 126 in)
Roll weight	Up to 1200 kg, depending on the spindle (Up to 2646 lb, depending on the spindle)
Roll diameter	Up to 120 cm (Up to 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 6.5 x 1.9 m (printer with input unit); 6 x 9.3 x 1.9 m (printer with input and output units) (20 x 21.3 x 6.2 ft (printer with input unit); 20 x 30.5 x 6.2 ft (printer with input and output units))
Shipping	5.9 x 1.9 x 2.2 m (printer); 5.3 x 2.3 x 2.5 m (each input and output unit) (19.2 x 6.3 x 7.1 ft (printer); 17.5 x 7.4 x 8.3 ft (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); 2061 kg (each input and output unit) (4189 lb (printer); 4544 lb (each input and output unit))
Shipping	3000 kg (printer); 3261 kg (each input and output unit) (6614 lb (printer); 7189 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; 126-in spindles (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 30ºC (59 to 86ºF)
Operating humidity	20 to 70% RH (non-condensing)

Acoustics

Sound pressure	< 67 dB(A) (operating); < 60 dB(A) (idle);

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; EU (LVD and MD compliant, EN60950-1, EN12100-1, EN ISO13849-1, EN60204-1, and EN1010-1); Russia, Belarus and Kazakhstan (EAC)
Electromagnetic	Compliant with Class A requirements, including: EU (EMC Directive)
Environmental	WEEE; RoHS (EU, Turkey, Ukraine); REACH; CA 65 Prop; ErP Ecodesign Directive
Warranty	3 years Maintenance and Support coverage: Six-month limited hardware warranty; 2.5 years HP Standard Service, Maintenance and Support. Warranty may vary by country as required by law. Go to http://www.hp.com/support to learn about HP service and support options in your region.

Ordering information

Product

3DB03A	HP Latex 3800 Jumbo Printer

Accessories

1ML40A	HP Latex 3000 Edge Holder Kit
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

Original HP printing supplies

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
CR339B	HP 881 Latex Cleaning Roll
G0Y72A	HP 3M 891 10-liter Cyan Latex Ink Cartridge
G0Y73A	HP 3M 891 10-liter Magenta Latex Ink Cartridge
G0Y74A	HP 3M 891 10-liter Yellow Latex Ink Cartridge
G0Y75A	HP 3M 891 10-liter Black Latex Ink Cartridge
G0Y76A	HP 3M 891 10-liter Light Cyan Latex Ink Cartridge
G0Y77A	HP 3M 891 10-liter Light Magenta Latex Ink Cartridge
G0Y78A	HP 3M 891 10-liter Latex Optimizer Ink Cartridge

Service and Support

If you want to extend the support beyond what's included:
H0HX4AC HP Standard Service, Maintenance and Support extension contract
H0JR1AC HP Enhanced Service, Maintenance and Support extension contract

ECO highlights

- Better for print operations – no hazard warning labels or HAPs, no localised 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 are UL ECOLOGO® and UL GREENGUARD GOLD Certified.[3]

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

[1] Contains no Hazardous Air Pollutants according to EPA Method 311. Localised ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements. Localised 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 http://www.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 http://www.ul.com/gg or http://www.greenguard.org.

[1] Reflective measurements on a 943 colour 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.
Delivery support services outside of the applicable HP coverage areas may be subject to travel charges, longer response times and reduced restoration or repair commitments hours (For detailed information contact your HP Sales Representative).

3M™ MCS™ Warranty   HP Water-Based Ink technology   i1 COLOR hp   JDF