



HP Latex 700 Printer

Grow with high-value jobs and sharpen your sustainability edge with HP Latex Technology



Win the high-value jobs you are after

- Deliver vivid colours at high speed and get striking contrast using pure blacks.
- Expect reliable, sharp 4-point text with HP Latex printheads featuring 10-picoliter ink drops.
- Choose from a wide application range covering banners/textiles/poster paper, canvas, wallpaper, and vinyl.

Beat your deadlines with smart, efficient printing

- Fast saturated colour up to 31 m²/hr outdoor, 21 m²/hr indoor.¹
- Control print operations virtually anytime, anywhere with HP PrintOS tools, and grow with HP Learn trainings.
- Work fast processing reprints and multi-copy jobs with a smart front panel, and store up to 100 jobs.
- Enjoy fast and easy spindle-less loading and media access for rolls up to 55 kg.

Sharpen your sustainability edge with HP Latex

- Innovative water-based HP Latex Inks—no HAPs², no required hazard warning labels, and odorless prints.³
- Zero landfill—local outer carton recycling, free take-back of inner ink bag/printhead, HP Planet Partners.⁴
- Choose from a wide range of compatible eco-conscious media.⁵
- HP Latex prints are recyclable, returnable, or non-hazardous and safe for disposal.⁶

For more information, please visit <http://www.hp.com/go/latex700series>

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at <https://hplatexknowledgecenter.com/>

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 Outdoor mode (Banner) 4-pass, 100%. Indoor mode (SAV) 6-pass, 100%. Based on internal HP testing in September 2020 on Avery 3001. Print speed may vary due to the adaptive printing mechanism to avoid image quality defects.

² 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.

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 The ink cartridge HP Eco-Carton outer carton is 100% recyclable through local cardboard/paper programs. Inner materials including the ink bag are 55% recyclable and can be returned free of charge to the HP Planet Partners program for reprocessing of plastic parts. Zero landfill. For ink bag and printhead take back, visit <http://www.hp.com/recycle> to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction. Where this program is not available, and for other consumables not included in the program, consult your local waste authorities on appropriate disposal.

⁵ See <http://www.hp.com/go/mediasolutionslocator>.

⁶ Most HP large format paper-based printing materials can be recycled through commonly available recycling programs, or according to region-specific practices. Some HP media are eligible for return through the free, convenient HP Large Format Media take-back program. Programs may not exist in your area. See <http://www.HPLFMedia.com/hp/ecosolutions> for details. HP large format printing materials, both unprinted and printed with Original HP Latex Inks, are non-hazardous and safe for disposal. Contact your local waste management authority for local area-specific instructions.

Technical specifications

Print

Printing modes	105 m ² /hr - Max Speed (1-pass) 31 m ² /hr - High Speed (4-pass) 21 m ² /hr - Production Fast (6-pass) 17 m ² /hr - Production Quality, Textiles and Backlits (8-pass) 16 m ² /hr - High Saturation (12-pass) 12 m ² /hr - High Saturation Backlits and Textiles (14-pass) ¹
Print resolution	Up to 1200 x 1200 dpi
Ink types	Water-based HP Latex Inks
Ink cartridges	8 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Overcoat)
Cartridge size	1 L
Printheads	8 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, 1 HP Latex Optimizer, 1 HP Overcoat)
Long-term print-to-print repeatability	95% of colours ≤ 1.5 dE2000 ²

Media

Handling	Roll feed, take-up reel, wiper roller ³ , automatic horizontal cutter (for vinyl, banner and canvas ⁴ , paper-based media, and film)
Media types	Banners, self-adhesive vinyls, films, fabrics, papers, wall coverings, canvas, synthetics, mesh, textiles ⁵
Roll size	254 to 1625-mm rolls (580 to 1625-mm rolls with full support)
Roll weight	55 kg
Roll diameter	250 mm
Thickness	Up to 0.5 mm

Applications

Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers

Connectivity

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

Printer	2583 x 852 x 1402 mm
Shipping	2800 x 1130 x 1270 mm
Operating area	2793 x 2100 mm

Weight

Printer	261 kg
Shipping	362 kg

What's in the box

HP Latex 700 Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, setup poster, documentation software, power cords, air purgers, 2-in spindle adaptor

Environmental ranges

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

Acoustics

Sound pressure	60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)
Sound power	7.8 B(A) (operating), 5.5 B(A) (idle), <3.5 B(A) (sleep)

Power

Consumption	1.5-2.6 kW (5 kW peak) (printing), 95 W (ready)
Requirements	Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 13 A max printer power cord; 9 A max curing power cord

Certification

Safety	IEC 60950-1+A1+A2 compliant; IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVD), EN 60950-1 and EN 62368-1 compliant; Russia, Belarus, and Kazakhstan (EAC); China (CCC)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC), China (CCC)
Environmental	ENERGY STAR®; RoHS (WEEE, EU, EAEU, China, Korea, India, Ukraine, Turkey); REACH; EPEAT Silver; OSHA; CE marking compliant; Meets AgBB criteria; French VOC A+; Greenguard Gold; UL Ecologo; ZDHC - Level 1

Warranty

One-year limited hardware warranty

Ordering information

Product

Y0U22A	HP Latex 700 Printer
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Accessories

21V10A	HP Latex 700/800 User Maintenance Kit
7HR16A	HP Latex 700/800 Textile Kit Accessory
7HR18A	HP Latex 700/800 Ink Collector Foams Kit
7HR19A	HP Latex 700/800 Media Loading Accessory
T7U73A	HP Latex 500/700/800 Wiper Roller

Original HP printing supplies

4UU94A	HP 836 Optimizer Latex Printhead
4UU96A	HP 836 Latex Maintenance Cartridge
4UV75A	HP 832 1-liter Black Latex Ink Cartridge
4UV76A	HP 832 1-liter Cyan Latex Ink Cartridge
4UV77A	HP 832 1-liter Magenta Latex Ink Cartridge
4UV78A	HP 832 1-liter Yellow Latex Ink Cartridge
4UV79A	HP 832 1-liter Light Cyan Latex Ink Cartridge
4UV80A	HP 832 1-liter Light Magenta Latex Ink Cartridge
4UV81A	HP 832 1-liter Optimizer Latex Ink Cartridge
4UV82A	HP 832 1-liter Overcoat Latex Ink Cartridge
4UV95A	HP 836 Black/Cyan Latex Printhead
4UV96A	HP 836 Magenta/Yellow Latex Printhead
4UV97A	HP 836 Light Cyan/Light Magenta Latex Printhead
4UV98A	HP 836 Overcoat Latex Printhead

Original HP large format printing materials

HP PVC-free Wallpaper (UL GREENGUARD GOLD Certified ⁶ , FSC® certified ⁷ , meets AgBB criteria ⁸)
HP Photo-realistic Poster Paper
HP Premium Satin Canvas
HP Prime Matte Air GP (REACH compliant ⁹)
HP Premium Removable Gloss Adhesive Vinyl (REACH compliant ⁹)

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

Service and Support

U13D9E HP 2 year Next Business Day with Defective Media Retention
U13DFE HP 3 year Next Business Day with Defective Media Retention
U13DKPE HP 1 year Post Warranty Next Business Day with Defective Media Retention
U13DQPE HP 2 year Post Warranty Next Business Day with Defective Media Retention

ECO highlights

- Inks do not use reactive monomer chemistry, are ozone-free, and meet the ZDHC standard¹
- Can win new business with odorless prints, UL ECOLOGO®/UL GREENGUARD Gold Certified Ink, and more²
- Eco-Carton replaces plastic cartridge with 80% reduction in plastic, achieves 66% CO2e reduction³
- Zero landfill—local outer carton recycling, free take-back inner ink bag via HP Planet Partners⁴

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

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