

HP Latex 830 Printer

Maximize productivity and deliver high-value jobs with consistent quality



*Product image may differ from actual product

CONSISTENT QUALITY—Produce high-value applications

- Deliver stunning prints with uniform colors via precise HP Pixel Control ink mixing and distribution.
- Achieve consistent quality across jobs and create color profiles with the HP Embedded Spectrophotometer.
- With HP Latex Inks, print a wide range of signage and décor jobs, now with automated double-sided printing¹.
- Deliver vivid colors and sharp 4-point text with user-replaceable HP Latex Printheads.

ENHANCED PRODUCTION—Optimize productivity and cost

- Reduce inventory management with universal printheads and the new 50% extended life maintenance cartridge².
- Help reduce running costs with 3-liter HP ink cartridges that you can change while the printer runs.
- Reach production speeds up to 36 m²/hour³ and avoid waiting times with prints that dry instantly.
- Streamline your print workflow with our intuitive end-to-end software solution: HP PrintOS Production Hub⁴.

LEAD THE WAY—Win with sustainable solutions

- Create a comfortable workspace⁵ with odorless prints⁶ and UL ECOLOGO[®]-certified⁷ HP Latex Inks.
- Advance your sustainability journey with our unique HP PrintOS Sustainability Amplifier⁸ software.
- Reduce plastic waste with returnable supplies via HP Planet Partners⁹—including new maintenance cartridge.
- Stand out in the market with the only EPEAT Climate+¹⁰ registered printers in the signage industry.

Messaging Footnotes

¹ Automated double-sided printing compatible with PVC-free media.

² At least 50% more life thanks to a 40% longer cleaning cloth and new ink collection unit that uses 100% of the cleaning cloth compared to previous maintenance cartridge model.

³ Draft mode (4-pass, 4 color, 90% ink density). Based on internal HP testing in January 2025 on Avery 3001. Print speed may vary due to the adaptive printing mechanism to avoid image quality defects.

⁴ For HP's large-format printers, HP PrintOS Production HUB is compatible with HP Latex printers and the HP Stitch Printer series. HP PrintOS Production HUB premium features are only accessible when purchasing an HP Professional Print Service Plus Plan.

⁵ Based on odor sensory evaluation when printing with the HP Latex 630 series printer and Mimaki UJV 100-160. Tests done in a 57 m² room with 5ACH. Test conducted by Odournet following the standard VDI3882, where the HP Latex 630 series air quality were characterized, when Printing, as "neutral" for hedonic tone compared to the Mimaki UJV 100-160. HP Latex 730/830 printers are using the same inks and are in the same category as the HP Latex 630.

⁶ Applicable to HP Latex Inks. Based on sensory evaluations conducted by Odournet, done according to VDI Guideline 3882 where 832 inks were characterized as "weak" in odor intensity and "neutral" for hedonic tone. 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.

⁷ UL ECOLOGO[®] Certified HP 832 inks meet a range of stringent human health and environmental considerations. For certifications, see www.ul.com/EL and www.ul.com/gg

⁸ The HP Sustainability Amplifier program helps customers reduce their environmental impact through self-assessment, resources, and recognition with an HP badge, not an official eco-label. Recognition is subject to approval for credibility. Program is only available in English.

⁹ Program availability varies. For details, see hp.com/hprecycle

¹⁰ The HP Latex 730 and 830 series is EPEAT Gold in the U.S. and Canada and has achieved EPEAT Climate+. See www.epeat.net for registration status and tier levels by country. As of January 2025, no other competitors in the signage market have been registered in EPEAT.

Technical specifications

Print	
Print speed	36 m²/hr - Draft (4-pass) in Banner ¹ ; 25 m²/hr - Speed (6-pass) ² ; 20 m²/hr - Standard (8-pass) ² ; 17 m²/hr - Quality (12-pass) ² ; 11 m²/hr - High Quality (16-pass) ² ;
Print resolution	Up to 1200 x 1200 dpi
Technology	HP Latex Printing Technologies
Ink types	Water-based HP Latex Inks
Ink cartridges	8 (Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, Optimizer, Overcoat) cartridges
Cartridge size	3 L per cartridge
Printheads	8 (7 HP Latex Printhead, 1 HP Latex Optimizer)
Media	
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
Handling	Roll feed, take-up reel, wiper roller ³ , media saver, automatic horizontal cutter (for vinyl, banner and canvas ⁴ , paper-based media, and film)
Media rolls	1
Roll size	419 to 1625-mm rolls (580 to 1625-mm rolls with full support);
Maximum roll weight	55 kg;
Maximum roll diameter	250 mm;
Maximum media width	1625 mm;
Thickness	Up to 0.5 mm;
Media types	Banners, self-adhesive vinyls, films, fabrics, papers, wall coverings, canvas, synthetics, mesh, textiles ⁵
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T)
Dimensions (W x D x H)	
Product	2583 x 866 x 1402 mm;
Shipping	2753 x 1100 x 1666 mm;

Ordering information

Product	
870B9H	HP Latex 830 Printer
Accessories	
21V10A	HP Latex 600/700/800 Series User Maintenance Kit
42IS3A	HP Latex Substrate Saver Accessory
7HR18A	HP Latex 700/800 Series Ink Collector Foams Kit
7HR19A	HP Latex Substrate Loading Accessory
T7U73A	HP Latex 700/800 Series Wiper Roller
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 https://hp.com/go/OriginalHPInks	
Original HP large format printing materials	

Operating area	2793 x 2100 mm;
Weight	
Product	292 kg;
Shipping	436 kg;
Included	
What's in the box	HP Latex 830 Printer, printheads, maintenance cartridge with ink collection unit, additional ink collection unit, Condensation collector kit, power cords, Beacon accessory, manual purge syringe kit, user maintenance kit, edge holders, 2-in spindle adaptor, lubrication felts kit, quick reference guide, documentation software, spanner size 17, screwdriver t-25
Environmental ranges	
Operating temperature	15 to 30°C ;
Operating humidity	20 to 80% RH (non-condensing)
Acoustics	
Sound pressure	Printing: 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)
Sound power	Printing: 7.8 B(A) (operating), 5.5 B(A) (idle), <4.0 B(A) (sleep)
Power	
Consumption	1.5-2.5 kW (5 kW peak) (printing), 95 W (ready), , <19 W (sleep), <0.25 W (off)
Requirements	Input voltage (auto ranging) 200-240 V two wires and PE; 50/60 Hz (±3 Hz); two power cords; 16 A max per 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, OSHA, CE marking compliant, Meets AgBB criteria, French VOC A+, UL GREENGUARD Gold, UL ECOLOGO
Warranty	One-year limited hardware warranty

HP PVC-free Wall Paper (REACH compliant⁵, **UL GREENGUARD** Gold Certified⁶, FSC® certified⁷, meets AgBB criteria⁸, CE⁹, UKCA¹⁰, PVC-free¹¹), HP Permanent Gloss Adhesive Vinyl (REACH compliant⁵) HP Prime Matte Air GP (REACH compliant⁹) HP Recycled¹² Satin Canvas, 3-in Core (Latex/solvent) (REACH compliant⁵) HP Recycled¹³ Removable Adhesive Fabric, 3-in Core (Latex/solvent)

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

Service and Support

UG9H6E HP 3 year PLUS Service Plan Hardware Support w/DMR for HP Latex 830-H (In Warranty)

UG9H7E HP 4 year PLUS Service Plan Hardware Support w/DMR for HP Latex 830-H (In Warranty)

UG9H8E HP 5 year PLUS Service Plan Hardware Support w/DMR for HP Latex 830-H (In Warranty)

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit <http://www.hp.com/go/cpc>

Specification Footnotes

¹ Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects.

² Printmode names in color modes are based on Self-Adhesive Vinyl applications. Names and Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects and the application you produce.

³ Wiper roller is an optional accessory.

⁴ Automatic horizontal cutter is for use with thinner banners and canvas only. It is recommended to perform a test.

⁵ Textile Kit Accessory required for long runs of textile and porous textile.

⁶ See the HP REACH Declaration published at <https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c05996997> .

⁷ UL GREENGUARD Gold Certified prints - HP PVC-free Wall Paper printed with Original HP Latex Inks is UL GREENGUARD Gold Certified. 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 .

⁸ FSC®certified - HP has a policy for offering Forest Stewardship Council® (FSC®)-certified papers that are sourced from FSC®-certified forests and other controlled sources. BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions.

⁹ AgBB - HP PVC-free Wall Paper printed with HP Latex Inks meets AgBB criteria for health-related evaluation of VOC emissions of indoor building products. See umweltbundesamt.de/en/topics/health/commissions-working-groups/committeefor-health-related-evaluation-of-building .

¹⁰ CE mark - Self-declared according to European Standard EN15102.

¹¹ PVC-free alternative - Based on HP internal and third-party testing chemical analysis that demonstrates elemental chlorine to be at or below 200 ppm. Presence of chlorine is attributed to residual chlorine used in the paper-making process, and not due to the presence of PVC.

¹² Product consists of PET fabric and coatings. 62% by weight of the product consists of recycled content. Base material fabric is made from 100% recycled resin.

¹³ Product consists of PET fabric and coatings. With liner attached, 69% by weight of the product consists of recycled content. Base material fabric is made from 100% recycled resin.

© Copyright 2025 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

