HP Latex 630/730/830 Printer Series

Why To Upgrade

Why Upgrade?

Stunning image quality

Deliver exceptional print quality in both color and white with HP Pixel Control technology. Achieve vivid colors with the latest generation of HP Latex Inks, offering a higher color gamut. Produce sharp 4-point text using the latest HP Latex Printheads, which feature non-circular nozzles. Additionally, take advantage of lower curing temperatures to enable printing on heat-sensitive media.

Unbeatable white ink experience

Expand into profitable new applications with the easiest white ink experience.[1] HP Latex White Ink is easy to maintain and adapts to your business needs.

Seamless media loading

Load media quickly and easily with spindle-less front-loading and an improved algorithm for automatic media skew correction. Save media by printing from the leading edge.

Easy maintenance and fewer interruptions

Reduce inventory management with universal, user replaceable HP Latex Printheds and the new 50% extended life maintenance cartridge[3].

Win with sustainable solutions

Create a comfortable workspace with odorless prints[4] and UL ECOLOGO®[5] and UL GREENGUARD-certified HP Latex Inks. Return your supplies via the HP Planet Partners program[6] and stand out in the market with the only EPEAT Climate+ registered printers[7] in the signage industry.

Simplified production

Streamline your print workflow with our intuitive end-to-end software: HP PrintOS Production Hub[8]—the world's only large format software that combines order management and remote production control.[9]

Open the Door to More Possibilities

HP Latex technology is a trusted choice for everyday applications, while enabling premium, high-value projects—so you can confidently take on any challenge.

Vehicle wrapping

Simplify your workflow. Instant-dry inks stretch easily for fast installation. Vibrant colors and strong adhesion lead to stunning, profit-boosting results.

Window graphics

Expand into high-value, high-impact window graphics. HP Latex Inks deliver exquisite color and opaque whites on odorless prints[4]—fast, easy, and perfect for indoor spaces.

Wallcoverings

Deliver stunning, eco-friendly wallcoverings with HP Latex Inks. Enjoy seamless tiling, vibrant colors, and preserved textures on a variety of materials for exceptional results.

Retail decorations

From backlits to wallcoverings, print vibrant, odorless[4] retail décor with durable, crack-resistant results. See accurate colors and opaque whites or premium indoor applications.

Comparison Table

HP Latex 630/630 W

HP Latex 730/730 W

HP Latex 830/830 W

Technical specifications

Roll weight [kg]	42 kg	55 kg	55 kg
4-pass (speed per hour) [A]	151 ft²/h - 18 m²/h	334 ft²/h - 31 m²/h	388 ft²/h - 36 m²/h
6-pass (speed per hour) [B]	118 ft²/h - 14 m²/h	226 ft²/h - 21 m²/h	269 ft²/h - 25 m²/h
8-pass (speed per hour) [C]	83 ft²/h - 11 m²/h	183 ft²/h - 17 m²/h	215 ft²/h - 20 m²/h
White spot (60%) [m²/h - ft²/h]	108 ft²/h - 10 m²/h	183 ft²/h - 17 m²/h	183 ft²/h - 17 m²/h
RIP included	Yes	Yes (with cutter) [D]	–

Image quality

HP Pixel Control technology	Yes	Yes	Yes
Extended Gamut & Sharp 4-point text	Yes	Yes	Yes
HP Embedded Spectrophotometer	Yes	Yes	Yes

	HP Latex 630/630 W	HP Latex 730/730 W	HP Latex 830/830 W
Application versatility			
White printmodes	White Spot, Underflood, Overflood, 3-layers	White Spot, Underflood, Overflood, 3-layers, 5-layers	White Spot, Underflood, Overflood, 3-layers, 5-layers
Automated double-sided printing	-	Yes	Yes
Heat sensitive materials	Yes	Yes	Yes
Porous textiles or mesh	-	Yes (with textile kit accessory)	Yes (with textile kit accessory)
Modular inkset with separate overcoat	Yes	Yes	Yes
3M™ MCS™ Warranty	Yes	Yes	Yes
ICS Performance Guarantee	Yes	Yes	Yes
Supplies			
Ink cartridge capacity	1 L	1 L	3 L
Number of printheads	5 / 6	8 / 10	8 / 10
Universal HP 836 Latex Printheads	Yes	Yes	Yes
Maintenance cartridge with user replaceable ink collection unit	Yes	Yes	Yes
Usability			
Raisable curing module	-	Yes	Yes
Front-loading, spindle-less and automatic skew check	Yes	Yes	Yes
Job queue storage in front panel	40 jobs/10 GB	100 jobs/144 GB	100 jobs/144 GB
Print from leading edge[2]	Yes	Yes	Yes
Hot Swap (change supplies while printing)	–	Yes (only for W SKU) [E]	Yes
Solutions & Services			
HP PrintOS Production Hub	Yes	Yes	Yes
HP Professinal Print Service Plans	Yes	Yes	Yes
Sustainability			
Sustainable cartridges	Eco-Carton / 100% label-less	Eco-Carton / 100% label-less	Eco-Carton / 100% label-less
Supplies recyclability through HP Planet Partners (ink bags, printheads, maintenance cartridge)	Yes	Yes	Yes
EPEAT certification & UL ECOLOGO®	Yes	Yes	Yes

A. 4-pass. 4 color. Print mode based on banner media category. Print speed may vary depending on the application produced. Based on internal HP testing in January 2025 with PVC Banner Starflex SFF13.
B. 6-pass. Print mode based on self-adhesive vinyl applications. Print speed may vary depending on the application produced. Based on internal HP testing in January 2025 on Avery 3001.
C. 8-pass. Print mode names based on self-adhesive vinyl applications. Print speed may vary depending on the application produced. Based on internal HP testing in January 2025 on Avery 3001.
D. HP FlexiPRINT and CUT software included when buying the HP Latex 64 Plus Cutting Solution.
E. Only available in HP Latex 730 White.

Footnotes

1. Automatic White Ink Recirculation System between the HP Latex 832 Ink Mix and HP 832/873 White Latex Ink Cartridge. When not printing with white ink remove the white printheads from the carriage and store them in the offline rotation chamber, avoiding unnecessary white ink waste. White print modes (spot, underflood, overflood, 3 layers, and 5 layers) are available with white ink densities up to 260%.
2. Printing from the leading edge is compatible with the following media categories: self-adhesive vinyl, canvas, and heat transfers. Compatibility with PET films, papers, and polypropylenes depends on media characteristics.
3. 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.
4. Applicable to HP Latex Inks. Based on sensory evaluations conducted by Odournet, done according to VDI Guideline 3882 where 832 and 873 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.
5. UL ECOLOGO® Certified HP 832 and 873 inks meet a range of stringent human health and environmental considerations. For certifications, see www.ul.com/EL and www.ul.com/gg
6. Program availability varies. For details, see hp.com/hprecycle
7. 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.
8. For HP's large-format printers, HP PrintOS Production Hub is compatible with HP Latex printers and the HP Stitch Printer series. Check the complete list of compatible models in https://www.hp.com/go/printos. HP PrintOS Production Hub premium features are only accessible when purchasing an HP Professional Print Service Plus Plan. Remote control actions are enabled by HP PrintOS SyncEdge.
9. Based on a competitive comparison of HP PrintOS Production Hub and comparable competitive software solutions from the main large format vendors that compete with HP products commissioned by HP and performed by Sogeti. HP PrintOS Production Hub enables the PSP to remotely control the printer queue and manage the order intake all in one single platform, unlike any others.

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