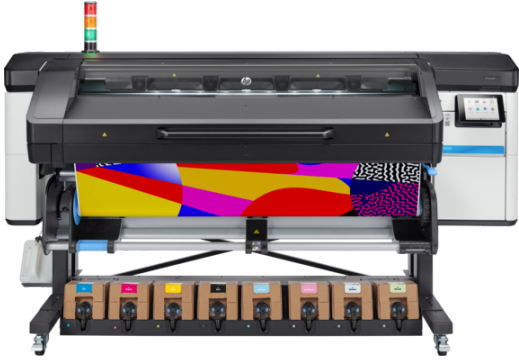


HP Latex 800 Printer (YOU21A)



Overview

Grow with high-value jobs and high-productivity printing—and sharpen your sustainability edge

Deliver vivid colors/sharp 4-pt text, get saturated color at speeds up to 388 ft²/hr outdoor.[1] Sharpen your sustainability edge with HP Latex—no HAPs[2], odorless prints[3], local HP Eco-Carton outer carton recycling[4], and eco-conscious media.[5]

Win the high-value jobs you are after

Deliver vivid colors at high speed and get striking contrast using pure blacks.

Sharpen your sustainability edge with HP Latex

Innovative water-based HP Latex Inks—no HAPs[2], no required hazard warning labels, and odorless prints.[3]

Robust, smart, and productive printing

Drive high productivity with saturated color at speeds up to 388 ft²/hr outdoor[1], easy spindle-less loading.

[1] Outdoor mode (Banner) 4-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 outer carton is 100% recyclable through local cardboard/paper programs.

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

Specifications

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| Print quality color (best) | Up to 1200 x 1200 dpi |
| Connectivity, standard | Gigabit Ethernet (1000Base-T) |
| Energy star certified | Yes |
| Minimum dimensions (W x D x H) | 2583 x 866 x 1402 mm |
| Minimum dimensions (W x D x H) | 101.7 x 34.1 x 55.2 in |
| Weight | 292 kg |
| Weight | 644 lb |
| Power consumption | 1.8-2.8 kW (5 kW peak) (printing), 105 W (ready) |
| Environmental certification | 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 |
| What's in the box | HP Latex 800 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 |
| Services (Care Pack) | U13DBE HP 2 year Next Business Day with Defective Media Retention; U13DGE HP 3 year Next Business Day with Defective Media Retention; U13DLPE HP 1 year Post Warranty Next Business Day with Defective Media Retention; U13DRPE HP 2 year Post Warranty Next Business Day with Defective Media Retention |
| Warranty | One-year limited hardware warranty |

Additional specifications

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| Acoustic power emissions (active, printing) | 7.8 B(A) (operating), 5.5 B(A) (idle), <3.5 B(A) (sleep) |
| Acoustic pressure emissions | 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep) |
| Color(s) of printing supplies | Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Overcoat |
| Electromagnetic compatibility | 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) |
| Finished output handling | Roll feed, take-up reel, wiper roller[3], automatic horizontal cutter (for vinyl, banner and canvas[4], paper-based media, and film) |
| Ink types | Water-based HP Latex Inks |
| Media sizes standard (metric rolls) | 254 to 1625-mm rolls (580 to 1625-mm rolls with full support) |
| Media sizes standard (sheets, rolls) | 10 to 64-in rolls (23 to 64-in rolls with full support) |
| Media thickness | Up to 19.7 mil |
| Media thickness (metric) | Up to 0.5 mm |
| Media types | Banners, self-adhesive vinyls, films, fabrics, papers, wall coverings, canvas, synthetics, mesh, textiles[5] |
| Media width, maximum | 64 in |
| Media width, maximum | 1625 mm |
| Model size | 64 in |
| Model size | 1626 mm |
| Number of print cartridges | 8 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Overcoat) |
| Operating area | 110 x 82.7 in |
| Operating area | 2793 x 2100 mm |
| Operating humidity range | 20 to 80% RH (non-condensing) |
| Operating temperature range | 15 to 30°C |
| Operating temperature range | 59 to 86°F |
| Package dimensions (W x D x H) | 108.4 x 43.3 x 65.6 in |
| Package dimensions (W x D x H) | 2753 x 1100 x 1666 mm |
| Package weight | 948 lb |
| Package weight | 430 kg |
| Power | Input voltage (auto ranging) 200-240 V ($\pm 10\%$) two wires and PE; 50/60 Hz (± 3 Hz); two power cords; 16 A max per power cord |
| Print Technology | Ink |
| Print cartridge volume delivered | 3 L |

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| Print heads | 8 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, 1 HP Latex Optimizer, 1 HP Overcoat) |
| Print repeatability | 95% of colors ≤ 1.5 dE2000[2] |
| Print repeatability note | [2] The color variation between printed jobs has been measured at 12 pass mode on vinyl media following best practices for tiling layouts and within this limit: 95th percentile of pairwise color differences (95% of colors) ≤ 1 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. 5% of colors may experience variations above 1 dE2000. Backlit substrates measured in transmission mode may yield different results. |
| Print speed | 122 m ² /hr - Max Speed (1-pass); 36 m ² /hr - High Speed (4-pass); 25 m ² /hr - Production Fast (6-pass); 20 m ² /hr - Production Quality, Textiles and Backlits (8-pass); 17 m ² /hr - High Saturation (12-pass); 14 m ² /hr - High Saturation Backlits and Textiles (14-pass)[1] |
| Print speed | 1313 ft ² /hr - Max Speed (1-pass); 388 ft ² /hr - High Speed (4-pass); 269 ft ² /hr - Production Fast (6-pass); 215 ft ² /hr - Production Quality, Textiles and Backlits (8-pass); 183 ft ² /hr - High Saturation (12-pass); 151 ft ² /hr - High Saturation Backlits and Textiles (14-pass)[1] |
| Print technology | HP Latex Printing Technologies |
| Product logos | 3M MCS Warranty; CE marking; ENERGY STAR; EPEAT green; HP water-based technology; i1 Color Technology; Roadmap to Zero; UL Ecologo; UL GREENGUARD Gold |
| Recommended media | 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]) |
| Roll external diameter | 9.8 in |
| Roll external diameter | 250 mm |
| Roll maximum input | 1 |
| Roll maximum weight | 121 lb |
| Roll maximum weight | 55 kg |
| 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) |
| Supported Primary 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 |
| UPC number | (ABG) 194441547900; (B19) 194441547870; (B1K) 194441547887; (BCD) 194441547894 |
| Web address for additional information | http://www.hp.com/go/latex800series |

Ink Supplies

★ : Recommended

HP Graphic Arts Inks/Printheads

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| HP 836 Black/Cyan Latex Printhead | 4UV95A |
| HP 836 Latex Maintenance Cartridge | 4UU96A |
| HP 836 Light Cyan/Light Magenta Latex Printhead | 4UV97A |
| HP 836 Magenta/Yellow Latex Printhead | 4UV96A |
| HP 836 Optimizer Latex Printhead | 4UU94A |
| HP 836 Overcoat Latex Printhead | 4UV98A |
| HP 873 3-liter Black Latex Ink Cartridge | 4UV84A |
| HP 873 3-liter Cyan Latex Ink Cartridge | 4UV85A |
| HP 873 3-liter Light Cyan Latex Ink Cartridge | 4UV88A |
| HP 873 3-liter Light Magenta Latex Ink Cartridge | 4UV89A |
| HP 873 3-liter Magenta Latex Ink Cartridge | 4UV86A |
| HP 873 3-liter Optimizer Latex Ink Cartridge | 4UV90A |
| HP 873 3-liter Overcoat Latex Ink Cartridge | 4UV91A |
| HP 873 3-liter Yellow Latex Ink Cartridge | 4UV87A |
| HP 873Y 3-liter Black Latex Ink Cartridge | 4UV38A |
| HP 873Y 3-liter Cyan Latex Ink Cartridge | 4UV39A |
| HP 873Y 3-liter Magenta Latex Ink Cartridge | 4UV40A |
| HP 873Y 3-liter Yellow Latex Ink Cartridge | 4UV41A |

Accessories

Printer Supply Accessories

★ : Recommended

Ink Supply Accessories

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| HP Latex 500/700/800 Wiper Roller | T7U73A |
| HP Latex 700/800 Ink Collector Foams Kit | 7HR18A |
| HP Latex 700/800 Textile Kit Accessory | 7HR16A |

Paper Handling

Media Loading Accessories

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| HP Latex 700/800 Media Loading Accessory | 7HR19A |
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Maintenance and Cleaning Kits

Maintenance Kits

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|---------------------------------------|--------|
| HP Latex 700/800 User Maintenance Kit | 21V10A |
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