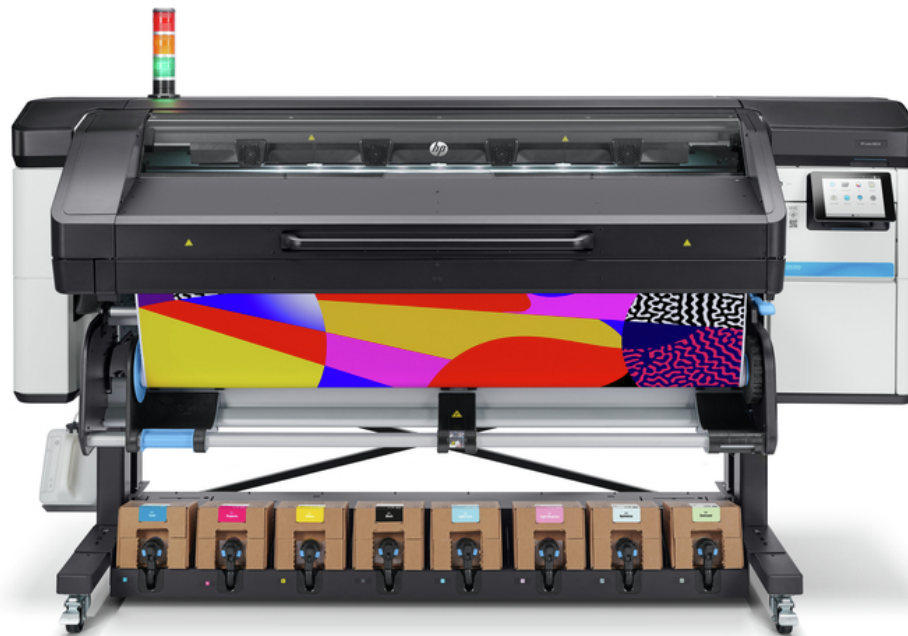




# HP Latex 800 Printer

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



## Win the high-value jobs you are after

- Deliver vivid colors 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.

## Robust, smart, and productive printing

- Drive high productivity with saturated color at speeds up to 388 ft<sup>2</sup>/hr outdoor<sup>1</sup>, easy spindle-less loading.
- 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.
- Help reduce running costs with cost-effective 3-liter HP ink cartridges, changed while the printer runs.

## Sharpen your sustainability edge with HP Latex

- Innovative water-based HP Latex Inks—no HAPs<sup>2</sup>, no required hazard warning labels, and odorless prints.<sup>3</sup>
- Local HP Eco-Carton outer carton recycling.<sup>4</sup>
- Choose from a wide range of compatible eco-conscious media.<sup>5</sup>
- HP Latex prints are recyclable, returnable, or non-hazardous and safe for disposal.<sup>6</sup>

For more information, please visit <http://www.hp.com/go/latex800series>

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>

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> The ink cartridge outer carton is 100% recyclable through local cardboard/paper programs.

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

<sup>6</sup> 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                         | 1313 ft <sup>2</sup> /hr - Max Speed (1-pass)<br>388 ft <sup>2</sup> /hr - High Speed (4-pass)<br>269 ft <sup>2</sup> /hr - Production Fast (6-pass)<br>215 ft <sup>2</sup> /hr - Production Quality, Textiles and Backlits (8-pass)<br>183 ft <sup>2</sup> /hr - High Saturation (12-pass)<br>151 ft <sup>2</sup> /hr - High Saturation Backlits and Textiles (14-pass) <sup>1</sup> |
| 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                         | 3 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 colors ≤ 1.5 dE2000 <sup>2</sup>   |

### Media

|               |  |
|---------------|--|
| Handling      | Roll feed, take-up reel, wiper roller <sup>3</sup> , automatic horizontal cutter (for vinyl, banner and canvas <sup>4</sup> , paper-based media, and film) |
| Media types   | Banners, self-adhesive vinyls, films, fabrics, papers, wall coverings, canvas, synthetics, mesh, textiles <sup>5</sup>                                     |
| Roll size     | 10 to 64-in rolls (23 to 64-in rolls with full support)  |
| Roll weight   | 121 lb   |
| Roll diameter | 9.8 in   |
| Thickness     | Up to 19.7 mil   |

|              |  |
|--------------|--|
| 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) |
|------------|-------------------------------|

### Dimensions (w x d x h)

|                |                        |
|----------------|------------------------|
| Printer        | 101.7 x 34.1 x 55.2 in |
| Shipping       | 108.4 x 43.3 x 65.6 in |
| Operating area | 110 x 82.7 in          |

### Weight

|          |        |
|----------|--------|
| Printer  | 644 lb |
| Shipping | 948 lb |

|                   |   |
|-------------------|---|
| 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 |
|-------------------|---|

### Environmental ranges

|                       |                               |
|-----------------------|-------------------------------|
| Operating temperature | 59 to 86°F                    |
| 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  | 1.8-2.8 kW (5 kW peak) (printing), 105 W (ready)  |
| 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 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

|        |                      |
|--------|----------------------|
| YOU21A | HP Latex 800 Printer |
|--------|----------------------|

### 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               |
| 4UV84A | HP 873 3-liter Black Latex Ink Cartridge         |
| 4UV85A | HP 873 3-liter Cyan Latex Ink Cartridge          |
| 4UV86A | HP 873 3-liter Magenta Latex Ink Cartridge       |
| 4UV87A | HP 873 3-liter Yellow Latex Ink Cartridge        |
| 4UV88A | HP 873 3-liter Light Cyan Latex Ink Cartridge    |
| 4UV89A | HP 873 3-liter Light Magenta Latex Ink Cartridge |
| 4UV90A | HP 873 3-liter Optimizer Latex Ink Cartridge     |
| 4UV91A | HP 873 3-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 <sup>6</sup> , FSC® certified <sup>7</sup> , meets AgBB criteria <sup>8</sup> ) |
| HP Photo-realistic Poster Paper   |
| HP Premium Satin Canvas   |
| HP Prime Matte Air GP (REACH compliant <sup>9</sup> )   |
| HP Premium Removable Gloss Adhesive Vinyl (REACH compliant <sup>9</sup> )   |

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

### Service and Support

|  |
|--|
| 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 |

## ECO highlights

- Inks do not use reactive monomer chemistry, are ozone-free, and meet the ZDHC standard<sup>1</sup>
- Can win new business with odorless prints, UL ECOLOGO<sup>®</sup>/UL GREENGUARD Gold Certified ink, and more<sup>2</sup>
- High-volume 3-liter HP Eco-Carton ink cartridges—carton-based design significantly reduces plastic

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

<sup>1</sup> See <http://www.roadmaptozero.com>. Printing with HP Latex Inks avoids the problematic reactive monomers associated with UV printing. Acrylate monomers present in uncured UV inks and UV-gel inks can damage skin.  
<sup>2</sup> 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. For certifications, see <http://www.ul.com/EL> and <http://www.ul.com/gg>.

<sup>1</sup> Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects.  
<sup>2</sup> 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.  
<sup>3</sup> Wiper roller is an optional accessory.  
<sup>4</sup> Automatic horizontal cutter is for use with thinner banners and canvas only. It is recommended to perform a test.  
<sup>5</sup> Textile Kit Accessory required for long runs of textile and porous textile.  
<sup>6</sup> 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>.  
<sup>7</sup> Trademark license code FSC-C115319.  
<sup>8</sup> With HP Latex Inks, prints meet AgBB criteria for health-related evaluation of VOC emissions. See <http://umweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-building>.  
<sup>9</sup> This product does not contain substances listed as SVHC (155) per Annex XIV of the EU REACH directive published as of June 16, 2014 in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP Printing Products and Consumable Supplies.





# LARGE FORMAT PRINTING SOLUTIONS

Discover the benefits of in-house large format and small format printing

## COMPLETE SOLUTIONS

Digital Media Warehouse is an industry leader in consulting for your wide format and small format printing needs. With over a decade of experience servicing multiple industries we can provide you with the right solution for your business. We can assess your basic printing needs based on a few questions and make suggestions on how to streamline production with efficiency and cost effectiveness.

With our comprehensive installation, setup, and training, you can limit downtime and know that your entire printing system is covered. All of our customers get phone support at no charge for the life of the printing system! With extensive lease and purchase options for obtaining your wide format printing equipment, you will be able to print all of your offerings.

Make a major impact of savings on your print budget and even generate extra income by reaching out to us for our free consultations.



## POP posters

Attract your customers' attention with promotional displays on multiple types of materials.



## Banners

Draw the eye of your customers, both indoors and out, with vibrant colors on water-resistant materials.



## Wallcoverings

Enhance your store experience and engage customers by creating cozy environments.



## Backlits

Use LED displays to give your store a premium feel with high-impact graphics on backlit materials.



## Visual magnetics

Adapt store decorations simply and easily to attract customers every time they come to buy.



## Self adhesives

Personalize your products - on-site to boost your customer engagement.



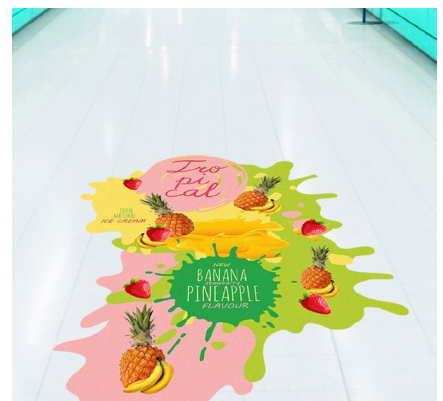
## Canvases

Use canvases to sell premium products and reinforce your brand.



## Gift wraps

Surprise your customers with customizable wrapping paper, to make their celebrations memorable.



## Floor graphics

Communicate with your shoppers graphics in all shapes and sizes.