

# HP Latex R530 Printer

Transform production and grow profits with the only compact all-in-one rigid and flexible HP Latex printer<sup>1</sup>



\*Product image may differ from actual product

## ALL-IN-ONE—Game-changing rigid and flexible printing

- Profitable direct printing on rigid—and without tradeoffs—using the HP High Control Belt System.
- Compact hybrid printer that adapts to rigid and flexible applications—and uses single-phase power.
- Easy operations with an intuitive touchscreen, spindle-less printing, and fast, seamless transitions between rigid and flexible loading.
- Streamline workflows with remote production control thanks to HP PrintOS Production HUB.<sup>2</sup>

## VERSATILE—Consistent quality across media

- Experience consistent, stunning quality across media and jobs on both rigid and flexible applications.
- Level up your offering with high-margin rigid and flexible applications with HP Latex Inks.
- Solid colors, elevated gradients with wide gamut and HP Pixel Control—maintains your media’s look and feel.
- Lead the way with the HP Latex White Ink printing experience, automatic recirculation, and printhead cleaning.

## SUSTAINABLE—Lead with certified HP Latex Inks

- Reduce waste and costs<sup>3</sup> with direct-to-rigid printing and ensure that your fiber-based media remains recyclable<sup>4</sup>.
- Advance your sustainability journey with our unique HP Sustainability Amplifier software.<sup>5</sup>
- Create a comfortable workspace<sup>6</sup> with odorless prints<sup>7</sup> and UL ECOLOGO®-certified<sup>8</sup> HP Latex Inks.
- Promote circularity with a printer that contains at least 25% recycled plastic<sup>9</sup> and includes a returnable extended-life<sup>10</sup> maintenance cartridge.

## Messaging Footnotes

<sup>1</sup> Based on internal HP testing with top two market share leaders in the entry rigid market (2025). HP Latex R530 requires less operational space than any conventional 4x8ft flatbed printer, which typically occupies over 28 sqm. This allows for better space efficiency in customer facilities.

<sup>2</sup> 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.

<sup>3</sup> Target customers for the HP Latex R530 Printer are traditionally using a Print&Mount technique, using a rigid material and sticking a self-adhesive vinyl on top. With the HP Latex R530 Printer, they would print directly on the rigid material, saving on average 250 m² of self-adhesive vinyl per month, thus reducing the amount of material used and disposed of.

<sup>4</sup> Based on recyclability evaluation, printing with the HP Latex R530 Printer on 3A DISPA Plus, Neenah ImageMax, Reboard Honeycomb Brown, Kaemmerer Chantaffiche 200 JE and HP Premium Poster Paper. Test conducted by TU Darmstadt Fachgebiet Papierfabrikation und Mechanische Verfahrenstechnik PMV according to PTS-RH 021 category 2.

<sup>5</sup> 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.

<sup>6</sup> Based on odor sensory evaluation when printing with the HP Latex R530 Printer. Tests done in a 57 m² room with 5ACH. Test conducted by Odournet following the standard VDI3882, where the HP Latex R530 Printer air quality was characterized, when printing, as “neutral” to “slightly pleasant” for hedonic tone.

<sup>7</sup> Applicable to HP Latex Inks. Based on sensory evaluations conducted by Odournet, done according to VDI Guideline 3882 where 875 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.

<sup>8</sup> UL ECOLOGO® Certified HP 875 inks meet a range of stringent human health and environmental considerations. For certifications, see [www.ul.com/EL](http://www.ul.com/EL) and [www.ul.com/gg](http://www.ul.com/gg)

<sup>9</sup> Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled content is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2.

<sup>10</sup> The new maintenance cassette has at least 50% more life (Liters of inks) thanks to a 50% longer cleaning cloth and to the new ink collection unit that helps use 100% of the cleaning cloth for all users compared to previous model available in Latex 700/800.



# Technical specifications

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Print speed                     | 31 m²/h - Draft (4 pass); 24 m²/h - Fast (6 pass); 15.5 m²/h - Standard (12-pass); 11.5 m²/h - Quality (16-pass); 9.2 m²/h - White Spot (100%); 6.2 m²/h - White Overflood (100%); 4.2 m²/h - White Underflood (100%); 3.1 m²/h - White Underflood (160%); 2.1 m²/h - 3 layers; 1.3 m²/h - 5 layers¹; 334 ft²/h - Draft (4 pass); 258 ft²/h - Fast (6 pass); 167 ft²/h - Standard (12-pass); 124 ft²/h - Quality (16 pass); 99 ft²/h - White Spot (100%); 67 ft²/h - White Overflood (100%); 45 ft²/h - White Underflood (100%); 33 ft²/h - White Underflood (160%); 22 ft²/h - 3 Layers; 14 ft²/h - 5 layers¹ |
| Print resolution                | Up to 1200 x 600 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Technology                      | HP Latex Printing Technologies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ink types                       | Water-based HP Latex Inks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Print Cartridges/Bottle, Number | 9 (black, cyan, light cyan, light magenta, magenta, yellow, white, HP Latex Optimizer, HP Latex Overcoat) cartridges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Print cartridge/bottle volume   | 3 L per cartridge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Printheads                      | 10 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, 2 white, 1 HP Latex Optimizer, 1 HP Latex Overcoat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Media                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                    | Signage: indoor, outdoor, flat, backlit, thermoformed; Decoration: wall coverings, window decoration; Vehicle decoration: fleet graphics, wraps, decals; Textile: soft signage, frontlit, backlit; POS and Packaging: corrugated displays, short-run customized packaging, prototyping                                                                                                                                                                                                                                                                                                                         |
| Handling                        | Flatbed, sheet feed, roll feed, vacuum belt media drive for easy loading and accurate media advance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Media rolls                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Roll size                       | 457 mm to 1625 mm; 18 to 64 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Maximum roll weight             | Up to 55 kg; Up to 121 lb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Maximum roll diameter           | Up to 250 mm; Up to 9.8 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Maximum media width             | 1626 mm; 64 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sheet size                      | 297 x 419 mm to 1615 x 1524 mm (up to 1615 x 6000 mm with two sets of optional extension tables); 11.7 x 16.5 in to 63.6 x 60 in (up to 63.6 x 236 in with two sets of optional extension tables)                                                                                                                                                                                                                                                                                                                                                                                                              |
| Thickness                       | Up to 50.8 mm; Up to 2 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Media types                     | Rigid substrates: paper foamboard, plastic foamboard, PVC foam, plastic corrugated, acrylic, polycarbonate, polystyrene, compressed cardboard, corrugated board, honeycomb board, aluminum composite panel, wood, glass, ceramic; Roll substrates: PVC banner, self-adhesive vinyl, coated paper, polypropylene, polystyrene, polycarbonate, polyester, textile (non porous), canvas, leather                                                                                                                                                                                                                  |

## Ordering information

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Product                       |                                                  |
| 69G27H                        | HP Latex R530 Printer                            |
| Accessories                   |                                                  |
| 840P9A                        | HP Latex R Series 64-in Extension Tables         |
| 840Q2A                        | HP Latex R530 Lateral Pinch Rollers Kit          |
| Original HP printing supplies |                                                  |
| 9D7P4A                        | HP 875 3-liter Cyan Latex Ink Cartridge          |
| 9D7P5A                        | HP 875 3-liter Magenta Latex Ink Cartridge       |
| 9D7P6A                        | HP 875 3-liter Yellow Latex Ink Cartridge        |
| 9D7P7A                        | HP 875 3-liter Black Latex Ink Cartridge         |
| 9D7P8A                        | HP 875 3-liter Light Cyan Latex Ink Cartridge    |
| 9D7P9A                        | HP 875 3-liter Light Magenta Latex Ink Cartridge |
| 9D7Q0A                        | HP 875 3-liter Overcoat Latex Ink Cartridge      |
| 9D7Q1A                        | HP 875 3-liter Optimizer Latex Ink Cartridge     |
| 9D7Q2A                        | HP 875 3-liter White Latex Ink Cartridge         |
| 9D7Q3A                        | HP 837 White Latex Printhead                     |
| 9D7Q4A                        | HP 837 Latex Optimizer Printhead                 |
| 9D7Q5A                        | HP 837 Universal Latex Printhead                 |
| 9T063A                        | HP 838 Latex Maintenance Cartridge               |
| 9T064A                        | HP 833/838 Ink Collector                         |

|                        |                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Board Weight Maximum   | 68 kg; 150 lb                                                                                                                                                                                                                            |
| Connectivity           |                                                                                                                                                                                                                                          |
| Interfaces             | Gigabit Ethernet (1000Base-T)                                                                                                                                                                                                            |
| Dimensions (W x D x H) |                                                                                                                                                                                                                                          |
| Product                | 262.89 x 172.97 x 154.68 cm (without tables); 262.89 x 320.04 x 154.68 cm (with tables); 103.5 x 68.1 x 60.9 in (without tables); 103.5 x 126 x 60.9 in (with tables)                                                                    |
| Shipping               | 293.3 x 222.6 x 175.6 cm; 115.4 x 87.6 x 69.1 in                                                                                                                                                                                         |
| Operating area         | Rigid printing: 4.69 x 4.33 m; Flexible only: 3.76 x 4.33 m; Rigid printing: 185 x 170.5 in; Flexible only: 148 x 170.5 in                                                                                                               |
| Weight                 |                                                                                                                                                                                                                                          |
| Product                | 660 kg (without tables); 1455 lb (without tables)                                                                                                                                                                                        |
| Shipping               | 1256 kg; 2769 lb                                                                                                                                                                                                                         |
| Included               |                                                                                                                                                                                                                                          |
| What's in the box      | HP Latex 530 printer (including standard input and output tables, roll to roll printing system, white system, 1x multi-sheet pin) 1 set of printheads, maintenance cartridge, 2x ink collection units, power cords, user maintenance kit |
| Environmental ranges   |                                                                                                                                                                                                                                          |
| Operating temperature  | 15 to 30°C ; 59 to 86°F                                                                                                                                                                                                                  |
| Operating humidity     | 20 to 80% RH (non-condensing)                                                                                                                                                                                                            |
| Acoustics              |                                                                                                                                                                                                                                          |
| Sound pressure         | Printing: 65 dB(A) (operating)                                                                                                                                                                                                           |
| Power                  |                                                                                                                                                                                                                                          |
| Consumption            | 2.5-4 kW (5 kW peak) (printing), 130 W (ready)                                                                                                                                                                                           |
| Requirements           | Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 16 A max per power cord                                                                                                               |
| Certification          |                                                                                                                                                                                                                                          |
| Safety                 | IEC 62368-1 compliant; United States and Canada (CSA listed); EU (MD compliant, EN12100, EN60204-1, and EN1010-1); Ukraine (UA)                                                                                                          |
| Electromagnetic        | Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Korea (KCC)                                                                                         |
| Environmental          | WEEE, RoHS (EU, EAEU, China, Korea, India, Ukraine, Turkey), REACH, OSHA, CE marking compliant, Meets AgBB criteria, French VOC A+, UL GREENGUARD Gold, UL ECOLOGO                                                                       |
| Warranty               | One-year limited hardware warranty                                                                                                                                                                                                       |

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

HP Recycled Removable Adhesive Fabric, 3-in Core (Latex/solvent)<sup>2</sup>  
HP PVC-free Blockout Banner (REACH compliant<sup>4</sup>)  
HP 13-oz Prime Gloss Banner  
HP Prime Gloss Air GP (REACH compliant<sup>4</sup>)  
HP Photo-realistic Paper (FSC<sup>®</sup> certified<sup>3</sup>, REACH compliant<sup>4</sup>)  
HP Premium Poster Paper (FSC<sup>®</sup> certified<sup>3</sup>, REACH compliant<sup>4</sup>)  
HP Matte Polymeric Overlamine (REACH compliant<sup>4</sup>)<sup>3</sup>

For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](https://hplfmedia.com).

### Service and Support

**UF8A3E** HP 2 year Plus Service Plan for HP Latex R530 (In Warranty)  
**UF8A4E** HP 3 year Plus Service Plan for HP Latex R530 (In Warranty)  
**UF8A5E** HP 4 year Plus Service Plan for HP Latex R530 (In Warranty)  
**UF8A6E** HP 5 year Plus Service Plan for HP Latex R530 (In Warranty)  
**UF8A7E** HP 1 year Post Warranty Plus Service Plan for HP Latex R530  
**UF8A8E** HP 2 year Post Warranty Plus Service Plan for HP Latex R530  
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

<sup>1</sup> Print speeds may vary depending on the material and due to the adaptive printing mechanism to avoid image quality defects.  
<sup>2</sup> 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.  
<sup>3</sup> FSC<sup>®</sup> certified - HP has a policy for offering Forest Stewardship Council<sup>®</sup> (FSC<sup>®</sup>)-certified papers that are sourced from FSC<sup>®</sup>-certified forests and other controlled sources. BMG trademark license code FSC<sup>®</sup>-C115319, see [fsc.org](https://fsc.org). HP trademark license code FSC<sup>®</sup>-C017543, see [fsc.org](https://fsc.org). Not all FSC<sup>®</sup>-certified products are available in all regions.  
<sup>4</sup> See HP REACH Declaration published at [HP Printing Products and Consumable Supplies](https://hplfmedia.com).  
<sup>5</sup> Visit [HPLFMedia.com](https://hplfmedia.com) Sign & Display, to find the complete HP Large Format Printing portfolio, sustainability highlights, technical data, media warranties, certifications, compatibility charts, comprehensive guides, assets, and other information.

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