

Datasheet



HP Latex 630 Printer

Embrace new possibilities with outstanding quality—easily



POSSIBILITIES—Level up your offering

- Produce a wide range of signage and décor jobs including applications with thin film and papers.
- Deliver stunning prints with vivid colours, smooth gradients, and sharp text at 14 m²/hr.¹
- Simple finishing, lamination, and installation with flexible inks and prints that come out dry.

EFFORTLESS—Get it done quickly and easily

- Find peace of mind with automatic maintenance processes and user-replaceable printheads.
- Save space and time with fast and automated frontloading system.
- Easily reprint projects with job storage in the ٠ printer up to 10 GB.
- Monitor your printer from anywhere and expand your capabilities with the cloud-based HP PrintOS app.

GO BEYOND—Lead with environmental certifications²

- Contribute to a comfortable³ working environment with water-based HP Latex Ink technology.
- Differentiate your business with environmental certifications²—including UL ECOLOGO^{®4} and EPEAT⁵.
- Reduce your plastics consumption with cartonbased cartridge⁶ and labelless supplies; free recycling via HP Planet Partners.

For more information, please visit https://www.hp.com/go/latex-630

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at https://lkc.hp.com/

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

¹ Standard mode (Generic SAV Calendar) 6-pass, 6 colours, 110% ink density. Based on internal HP testing on MACTAC JT 8500 WG-PG. Print speed may vary due to the adaptive printing mechanism, which is designed to oid image quality defects

² Based on internal competitive analysis with public information. Applicable to HP Latex technology compared to competitive large format printing alternatives using solvent and UV technologies. See individual product data sheets for more information at http://hp.com/go/latex ³ Based on odor sensory evaluation when printing with the HP Latex 630 series printer and Mimaki UJV 100-160. Tests done in a 57 sqm 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 UJC 100-160. ⁴ UL ECOLOGO® Certified HP 832 Latex inks meet a range of stringent human health and environmental considerations. For certifications, see http://www.ul.com/EL and http://www.ul.com/gg

⁵ Applicable to select HP Latex printers. EPEAT registered where applicable/supported. See http://epeat.net for registration status by country. ⁶ Applicable to HP 832. Plastic reduction based on moving from plastic ink cartridge to cardboard ink cartridges, with annual manufacturing saving of 33 tons of plastic based on average units of HP 831 and HP 831A ink cartridges from 2018 to 2020.

Visik http://hp.com/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction. Where this program is not available, and for other consumables not included in the program, consult your local waste authorities on appropriate disposa

Print	
Printing modes	35 m²/hr - Max Speed (2-pass) 18 m²/hr - Speed (4-pass) 14 m²/hr - Standard (6-pass) 11 m²/hr - Quality (8-pass) 8 m²/hr - High Saturation (12-pass) 7 m²/hr - Standard for Backlits and Textiles (14-pass) ¹
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 Latex Overcoat)
Cartridge size	1L
Printheads	5 (1 cyan/black, 1 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimizer, 1 HP Latex Overcoat)
Long-term print-to-print repeatability	95% of colors < 3 dE2000 ²
Media	
Handling	Roll feed, take-up reel, automatic horizontal cutter (for vinyl, banner and canvas ³ , paper-based media, and film)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, (fabrics, mesh, textiles, and any other porous materials require a liner)
Roll size	457 to 1625-mm rolls (580 to 1625-mm rolls with full support)
Maximum roll weight	42 kg
Maximum roll diameter	250 mm
Thickness	Up to 0.5 mm
Applications	Banners, Customizable clothing, Displays, Exhibition and event graphics, Exterior signage, Floor graphics, Indoo posters, Interior decoration, Labels and stickers, Light boxes - film, Light boxes - paper, POP/POS, Posters, Vehicle graphics, Wall decals, Window graphics
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T)
Dimensions (W x D) x H)
Printer	2603 x 844 x 1405 mm
Shipping	2800 x 1130 x 1271 mm
Operating area	2793 x 2100 mm
Weight	
Printer	230 kg
Shipping	347 kg
What's in the box	HP Latex 630 Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAI Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor
Environmental ran	nges
Operating temperature	- 15 to 30°C
Operating humidity	20 to 80% RH (non-condensing)
Acoustics	-
Sound pressure	55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)
Sound power	7.5 B(A) (operating), 5.5 B(A) (idle), <4 B(A) (sleep)
Power	
Consumption	0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ⁴ (sleep) (<15 W ⁵ with DFE)
Requirements	Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 5 A max printer power cord; 12 A max curing power cord
Certification	
Safety	IEC 62368-1 2nd and 3rd ed and IEC 60950-1+A1+A2 compliant;; USA and Canada (CSA listed); EU (LVD, EN 60950-1 and EN 62368-1 compliant); China (CCC)
·	
Safety Electromagnetic Environmental	60950-1 and EN 62368-1 compliant); China (CCC) Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and

For more information, contact your HP Amplify Synergy Partner...

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Ordering information

Product 171S

Acce 171K 21V1 4215 7HR1

52A	HP Latex 630 Printer
essories	
(8A OA 53A 19A	HP Latex 630 Output Platen Protector Accessory HP Latex 600/700/800 User Maintenance Kit HP Latex Media Feed Accessory HP Latex 630/700/800 Media Loading Accessory

Original HP printing supplies

4UU94A	HP 836 Optimizer Latex Printhead
4UV75A	HP 832 1-liter Black Latex Ink Cartridge
4UV76A	HP 832 1-liter Cyan Latex Ink Cartridge
4UV77A	HP 832 1-liter Magenta Latex Ink Cartridge
4UV78A	HP 832 1-liter Yellow Latex Ink Cartridge
4UV79A	HP 832 1-liter Light Cyan Latex Ink Cartridge
4UV80A	HP 832 1-liter Light Magenta Latex Ink Cartridge
4UV81A	HP 832 1-liter Optimizer Latex Ink Cartridge
4UV82A	HP 832 1-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
4UV99A	HP Latex Maintenance Cartridge
	-

Original HP large format printing materials

HP Recycled⁶ Removable Adhesive Fabric, 3-in Core (Latex/solvent): REACH compliant⁷ HP Recycled⁶ Satin Canvas, 3-in Core (Latex/Solvent): REACH compliant⁷ HP Premium Poster Paper: FSC⁶ certified⁹ HP PVC-free¹⁰ Wall Paper: UL GREENGUARD GOLD Certified¹¹, FSC⁶ certified⁹, meets AgBB criteria¹² HP Permanent Gloss Adhesive Vinyl: REACH compliant⁷ HP Prime Gloss Air GP: REACH compliant⁷

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

Service and Support

U60QHE HP 2 year Plus Service Plan Hardware Support w/DMR U60QJE HP 3 year Plus Service Plan Hardware Support w/DMR U60QLE HP 5 year Plus Service Plan Hardware Support w/DMR U600MPE HP 1 year Post Warranty Plus Service Plan Hardware Support w/DMR U600NPE HP 2 year Post Warranty Plus Service Plan Hardware Support w/DMR

¹ Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects. Print mode names may vary depending on the media or application.
 ² The color variation between printed jobs has been measured at 12 pass mode on vinyl media. 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 3 dE2000. Backlit substrates measured in transmission mode may yield different results.
 ³ Automatic horizontal cutter is for use with thinner banners and carvas only. It is recommended to perform a test.
 ⁴ Excluding Type 2 DFE (Digital Front End) as defined in Energy Star® Product Specification for Imaging Equipment version 3.1.
 ⁵ Total power measured in transmission mode may leid different results.
 ⁶ Product consists of PET fabric and coatings. With liner attached, 72% by weight of the product.
 ⁶ Product consists of PET fabric and coatings. With liner attached, 72% by meight of the product consists of recycled content. Base material fabric is made from 100% recycled resin.
 ⁷ As of the date of this document, this product does not contain any of the chemicals on the EU's Candidate List for Authorization (otherwise known as Substances of Very High Concern) in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Article 33 Declaration published at HP Printing Products and Consumable Supplies.

Products and Consumable Supplies. ⁸ 62% by weight of the product consists of recycled content. Base material fabric is made from 100% recycled resin. Certified according to Global Recycled Standard (GRS) Version 3.0, March 2017.

Certified according to Global Recycled Standard (GRS) Version 3.0, March 2017. ⁹ Trademark license code FSC-C115319. ¹⁰ Chemical analysis demonstrated elemental chlorine to be below 200 ppm. Presence of chlorine is attributed to residual chlorine used in the papermaking process, and not due to the presence of PVC. ¹¹ HP VC-free Wall Paper printed with HP Latex Inks is UL GREENGUARP GOLD Certified. UL GREENGUARP GOLD Certification to UL 2818 demonstrates that products are certified to ULS GREENGUARP Standards for low chemical emissions into indoor air during product usage. For more information, visit http://ul.com/gg ¹² With HP Latex Inks, prints meet AgBB criteria for health-related evaluation of VOC emissions. See http://unweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-hulfinn

evaluation-of-building





Datasheet



HP Latex 630 Print and Cut Plus Solution

Embrace new possibilities with outstanding quality and a seamless print and cut workflow



POSSIBILITIES—Level up your offering

- Produce a wide range of signage and décor jobs including applications with thin film and papers.
- Deliver stunning prints with vivid colours, smooth gradients, and sharp text at 14 m²/hr.
- Print and cut simultaneously with reliable dualdevice solution-accurate job recognition, errorfree cutting.
- Simple finishing, lamination, and installation with flexible inks and prints that come out dry.

EFFORTLESS—Get it done quickly and easily

- Find peace of mind with automatic maintenance processes and user-replaceable printheads.
- Save space and time with fast and automated . frontloading system.
- Easily reprint projects with job storage in the printer up to 10 GB.
- Monitor your printer from anywhere and expand your capabilities with the cloud-based HP PrintOS app.

GO BEYOND—Lead with environmental certifications²

- Contribute to a comfortable³ working environment with water-based HP Latex Ink technology
- Differentiate your business with environmental certifications²—including UL ECOLOGO^{®4} and EPEAT⁵.
- Reduce your plastics consumption with cartonbased cartridge⁶ and labelless supplies; free recycling via HP Planet Partners.

For more information, please visit https://www.hp.com/go/latex-630

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at https://lkc.hp.com/

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

¹ Standard mode (Generic SAV Calendar) 6-pass, 6 colours, 110% ink density. Based on internal HP testing on MACTAC JT 8500 WG-PG. Print speed may vary due to the adaptive printing mechanism, which is designed to void image quality defects ² Based on internal competitive analysis with public information. Applicable to HP Latex technology compared to competitive large format printing alternatives using solvent and UV technologies. See individual product

data sheets for more information at http://hp.com/go/latex ³ Based on odor sensory evaluation when printing with the HP Latex 630 series printer and Mimaki UJV 100-160. Tests done in a 57 sqm 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. ⁴ UL ECOLOGO® Certified HP 832 Latex inks meet a range of stringent human health and environmental considerations. For certifications, see http://www.ul.com/EL and http://www.ul.com/gg

⁵ Applicable to select HP Latex printers. EPEAT registered where applicable/supported. See http://epeat.net for registration status by country. ⁶ Applicable to HP 832. Plastic reduction based on moving from plastic ink cartridge to cardboard ink cartridges, with annual manufacturing saving of 33 tons of plastic based on average units of HP 831 and HP 831A ink cartridges from 2018 to 2020.

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Printing modes	35 m²/hr - Max Speed (2-pass)
- Tinting modes	18 m²/hr - Speed (4-pass)
	14 m²/hr - Standard (6-pass) 11 m²/hr - Quality (8-pass)
	8 m ² /hr - High Saturation (12-pass) 7 m ² /hr - Standard for Backlits and Textiles (14-pass) ¹
Print resolution	Up to 1200 x 1200 dpi
nk types	Water-based HP Latex Inks
nk cartridges	8 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Latex Overcoat)
Cartridge size	1L
Printheads	5 (1 cyan/black, 1 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimizer, 1 HP Latex Overcoat)
Long-term print-to-print repeatability	95% of colors < 3 dE2000 ²
Media	
Handling	Roll feed, take-up reel, automatic horizontal cutter (for vinyl, banner and canvas ³ , paper-based media, and film)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, (fabrics, mesh, textiles, and any other porous materials require a liner)
Roll size	457 to 1625-mm rolls (580 to 1625-mm rolls with full support)
Maximum roll weight	42 kg
Maximum roll diameter	250 mm
Thickness	Up to 0.5 mm
Applications	Banners, Customizable clothing, Displays, Exhibition and event graphics, Exterior signage, Floor graphics, Indoor posters, Interior decoration, Labels and stickers, Light boxes - film, Light boxes - paper, POP/POS, Posters, Vehicle graphics, Wall decals, Window graphics
Connectivity	
Interfaces	Printer: Gigabit Ethernet (1000Base-T); Cutter: USB and Ethernet (LAN)
Dimensions (W x D	х H)
Printer	Printer: 2603 x 844 x 1405 mm; Cutter: 1960 x 704 x 1112 mm
Shipping	Printer: 2800 x 1130 x 1271 mm; Cutter: 2230 x 420 x 710 mm
Weight	
Printer	Printer: 230 kg; Cutter: 48 kg
Shipping	Printer: 347 kg; Cutter: 74 kg
What's in the box	Printer: HP Latex 630 Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAi Flexi RIP Print Cut Software, documentation software, power cords, air purgers, 2-in spindle adaptor, Cutter: HP Latex 64 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1) standard blades (2), cut-oft knife (1), 3-in media flanges (set of 2)
Environmental ran	ges
Operating temperature	- 15 to 30°C
Operating humidity	Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing)
Acoustics	<u>.</u>
Sound pressure	
	Printer: 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep); Cutter: 56 dB(A) (operating)
Sound power	Printer: 7.5 B(A) (operating), 5.5 B(A) (idle), <4 B(A) (sleep); Cutter: <7.3 B(A) (operating)
Power Consumption	Printer: 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ⁴ (sleep) (<15 W ⁵ with DFE); Cutter: 34 W
Requirements	(working mode) Printer: input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 5
requiements	A max printer power cord; 12 A max curing power cord; Cutter: 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); 2 A
Certification	
Safety	IEC 62368-1 2nd and 3rd ed and IEC 60950-1+A1+A2 compliant;; USA and Canada (CSA listed); EU (LVD, EN 60950-1 and EN 62368-1 compliant); China (CCC)
Electromagnetic	Printer: 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); Cutter: Compliant with Class A requirements; including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC)
Environmental	Printer: ENERGY STAR®; RoHS (WEEE, EU, EAEU, China, Korea, India, Ukraine, Turkey); REACH; EPEAT; OSHA; CE marking compliant; Cutter: WEEE, RoHS (EU); CE marking compliant; REACH
Warranty	One-year limited hardware warranty

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Cutting

Cut type	Drag-knife with TurboCut and Tangential emulation modes	
Cut width	158 cm	
Cut speed	Up to 113 cm/sec diagonal	
Acceleration	Up to 3 G diagonal	
Accuracy	0.2% of movement or 0.25 mm, whichever is greater	
Repeatability	±0.1 mm	
Cut force	1 to 600 grams of downforce, in 5-gram steps	
Cut thickness	0.05 to 0.25 mm; 0.6 mm with optional speciality blade	

Ordering information

Product

171K5A	HP Latex 630 Print and Cut Plus Solution
Accessories	

171K8A	HP Latex 630 Output Platen Protector Accessory
1UX44A	HP Latex Standard Blade Kit
1UX45A	HP Latex Specialty Blade Kit
21V10A	HP Latex 600/700/800 User Maintenance Kit
421S3A	HP Latex Media Feed Accessory
7HR19A	HP Latex 630/700/800 Media Loading Accessory

Original HP printing supplies

4UU94A	HP 836 Optimizer Latex Printhead
4UV75A	HP 832 1-liter Black Latex Ink Cartridge
4UV76A	HP 832 1-liter Cyan Latex Ink Cartridge
4UV77A	HP 832 1-liter Magenta Latex Ink Cartridge
4UV78A	HP 832 1-liter Yellow Latex Ink Cartridge
4UV79A	HP 832 1-liter Light Cyan Latex Ink Cartridge
4UV80A	HP 832 1-liter Light Magenta Latex Ink Cartridge
4UV81A	HP 832 1-liter Optimizer Latex Ink Cartridge
4UV82A	HP 832 1-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
4UV99A	HP Latex Maintenance Cartridge

Original HP large format printing materials

HP Recycled⁶ Removable Adhesive Fabric, 3-in Core (Latex/solvent): REACH compliant⁷ HP Recycled⁶ Satin Canvas, 3-in Core (Latex/solvent): REACH compliant⁷ HP Premium Poster Paper: FSC⁶ certified⁹ HP PVC-free¹⁰ Wall Paper: UL GREENGUARD GOLD Certified¹¹, FSC⁶ certified⁹, meets AgBB criteria¹² HP Permanent Gloss Adhesive Vinyl: REACH compliant HP Prime Gloss Air GP: REACH compliant⁷

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

Service and Support

UG7FHE HP 2 year Plus Service Plan Hardware Support w/DMR UG7FJE HP 3 year Plus Service Plan Hardware Support w/DMR UG7FLE HP 5 year Plus Service Plan Hardware Support w/DMR UG7FNPE HP 1 year Post Warranty Plus Service Plan Hardware Support w/DMR UG7FNPE HP 2 year Post Warranty Plus Service Plan Hardware Support w/DMR

¹ Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects. Print mode names may vary depending on the media or application.
² The color variation between printed jobs has been measured at 12 pass mode on vinyl media. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard D5 014-6/E.2012. 5% of colors may experience variations above 3 dE2000. Backlit substrates measured in transmission mode may yield different results.
³ Automatic horizontal cutter is for use with thinner banners and carvas only. It is recommended to perform a test.
⁴ Excluding Type 2 DFE (Digital Front End) as defined in Energy Star[®] Product Specification for imaging Equipment version 3.1.

version 3.1. ⁵ Total power measured in sleep mode including the Digital Front End contained on the product. ⁶ Product consists of PET fabric and coatings. With liner attached, 72% by weight of the product consists of recycled content. Base material fabric is made from 100% recycled resin. ⁷ As of the date of this document, this product does not contain any of the chemicals on the EU's Candidate List for Authorization otherwise known as Substances of Very High Concerni in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Article 33 Declaration published at HP Printing Products and Concernable Concernance.

Products and Consumable Supplies. ⁸ 62% by weight of the product consists of recycled content. Base material fabric is made from 100% recycled resin. Certified according to Global Recycled Standard (GRS) Version 3.0, March 2017.

⁹ Trademark license code FSC-C115319.
¹⁰ Chemical analysis demonstrated elemental chlorine to be below 200 ppm. Presence of chlorine is attributed to

¹⁰ Chemical analysis demonstrated elemental chiorine to be below 200 ppm. Presence of chiorine is attributed to residual chiorine used in the papermaking process, and not due to the presence of PVC.
¹¹ HP PVC-free Wall Paper printed with HP Latex Inks is UL GREENGUARD GOLD Certified. UL GREENGUARD GOLD Certified to UL 2818 demonstrates that products are certified to ULS GREENGUARD and ards for low chemical emissions into indoor air during product usage. For more information, visit http://uLcom/gg
¹² With HP Latex Inks, prints meet AgBR criteria for health-related evaluation of VOC emissions. See http://unweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation of building.

evaluation-of-building







Datasheet HP Latex 630 W Printer

Embrace new possibilities with an unbeatable white ink printing experience¹—easily.



POSSIBILITIES—The best white ink print experience¹

- Do more in your shop with the easiest white ink printer¹ that adapts to your business needs.
- Produce a wide range of signage and décor jobs including applications with thin film and papers.
- Deliver stunning prints with vivid colours, smooth gradients, and sharp text at 14 m²/hr.²

EFFORTLESS—Get it done quickly and easily

- Find peace of mind with automatic maintenance processes and user-replaceable printheads.
- Save space and time with fast and automated frontloading system.
- Easily reprint projects with job storage in the printer up to 10 GB.
- Monitor your printer from anywhere and expand your capabilities with the cloud-based HP PrintOS app.

GO BEYOND-Lead with environmental certifications³

- Contribute to a comfortable⁴ working environment with water-based HP Latex Ink technology.
- Differentiate your business with environmental certifications³—including UL ECOLOGO^{®5} and EPEAT⁶.
- Reduce your plastics consumption with cartonbased cartridge⁷ and labelless supplies; free recycling via HP Planet Partners.⁸

For more information, please visit https://www.hp.com/go/latex-630

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This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

¹ Easiest/best white ink experience due to transparent ink maintenance with Automatic Ink Recirculation System between the HP Latex 832 Ink Mix and HP 832 White Latex Ink Cartridge. This ensures white ink is constantly circulating and doesn't settle. It's easy to remove the white printhead from the carriage and store it in an offline rotation chamber when not printing with white ink. This avoids unnecessary white ink waste and prevents the white printhead from getting clogged because of its dense white ink chemistry. All white printmodes are available at different white ink densities to get different levels of opacity (spot, underflood, overflood, and 3-layer-250% white ink density).

Standard mode (Generic SAV Calendar) 6-pass, 6 colours, 110% ink density. Based on internal HP testing on MACTAC JT 8500 WG-PG. Print speed may vary due to the adaptive printing mechanism, which is designed to avoid image quality defects Based on internal competitive analysis with public information. Applicable to HP Latex technology compared to competitive large format printing alternatives using solvent and UV technologies. See individual product

data sheets for more information at http://hp.com/go/latex

Based on odor sensory evaluation when printing with the HP Latex 630 series printer and Mimaki UJV 100-160. Tests done in a 57 sqm 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 UC 100–160. ⁵ UL ECOLOGO® Certified HP 832 Latex inks meet a range of stringent human health and environmental considerations. For certifications, see http://www.ul.com/EL and http://www.ul.com/gg

⁶ Applicable to select HP Latex printers. EPEAT registered where applicable/supported. See http://epeat.net for registration status by country. ⁷ Applicable to HP 832. Plastic reduction based on moving from plastic ink cartridge to cardboard ink cartridges, with annual manufacturing saving of 33 tons of plastic based on average units of HP 831 and HP 831A ink

cartridges from 2018 to 2020.

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Print	
Printing modes	35 m²/hr - Max Speed (2-pass) 18 m²/hr - Speed (4-pass) 14 m²/hr - Spaed (4-pass) 11 m²/hr - Quality (8-pass) 8 m²/hr - High Saturation (12-pass) 7 m²/hr - Standard for Backlits and Textiles (14-pass) 6 m²/hr - White Spet (100%) 3 m²/hr - White Overflood (100%) 2 m²/hr - White Underflood (100%) 1 m²/hr - 3 Layers (160%) ¹
Print resolution	Up to 1200 x 1200 dpi
Ink types	Water-based HP Latex Inks
Ink cartridges	9 (black, cyan, light cyan, light magenta, magenta, yellow, white, HP Latex Optimizer, HP Latex Overcoat)
Cartridge size	1L
Printheads	6 (1 cyan/black, 1 magenta/yellow, 1 light cyan/light magenta, 1 white, 1 HP Latex Optimizer, 1 HP Latex Overcoat)
Long-term print-to-print repeatability	95% of colors < 3 dE2000 ²
Media	
Handling	Roll feed, take-up reel, automatic horizontal cutter (for vinyl, banner and canvas ³ , paper-based media, and film)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, (fabrics, mesh, textiles, and any other porous materials require a liner)
Roll size	457 to 1625-mm rolls (580 to 1625-mm rolls with full support)
Maximum roll weight	42 kg
Maximum roll diameter	250 mm
Thickness	Up to 0.5 mm
Applications	Banners, Customizable clothing, Displays, Exhibition and event graphics, Exterior signage, Floor graphics, Indoor posters, Interior decoration, Labels and stickers, Light boxes - film, Light boxes - paper, POP/POS, Posters, Vehicle graphics, Wall decals, Window graphics
Compositivity .	
connectivity	
	Ginabit Ethornat (1000Bace_T)
Interfaces	Gigabit Ethernet (1000Base-T) X H)
Interfaces Dimensions (W x D	
Interfaces Dimensions (W x D Printer	x H)
Interfaces Dimensions (W × D Printer Shipping	2603 x 844 x 1405 mm
Interfaces Dimensions (W × D Printer Shipping Operating area	2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm
Interfaces Dimensions (W × D Printer Shipping Operating area Weight	2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer	x H) 2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping	x H) 2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box	2603 x 844 x 1405 mm 2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAi Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran	2603 x 844 x 1405 mm 2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAi Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature	2603 x 844 x 1405 mm 2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAi Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C
Interfaces Dimensions (W × D Printer Shipping Derating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating temperature	2603 x 844 x 1405 mm 2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAi Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating humidity Acoustics	2603 x 844 x 1405 mm 2600 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAI Flex RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C 20 to 80% RH (non-condensing)
Interfaces Dimensions (W x D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating humidity Acoustics Sound pressure	2603 x 844 x 1405 mm 2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAI Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C 20 to 80% RH (non-condensing) 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating humidity Acoustics Sound power	2603 x 844 x 1405 mm 2600 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAI Flex RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C 20 to 80% RH (non-condensing)
Interfaces Dimensions (W × D Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating humidity Acoustics Sound pressure Sound power Power	2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg IPD Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAi Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C 20 to 80% RH (non-condensing) 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)
Interfaces Dimensions (W × D Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating humidity Acoustics Sound pressure Sound pressure Consumption	2603 x 844 x 1405 mm 2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAI Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C 20 to 80% RH (non-condensing) 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating humidity Acoustics Sound pressure Sound power Power Consumption Requirements	2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAI Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C 20 to 80% RH (non-condensing) 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep) 7.5 B(A) (operating), 5.5 B(A) (idle), <4 B(A) (sleep) 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ⁴ (sleep) (<15 W ⁵ with DFE) Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 5 A max
Connectivity interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating temperature Operating humidity Acoustics Sound pressure Sound power Power Consumption Requirements Certification Safety	2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAI Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C 20 to 80% RH (non-condensing) 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep) 7.5 B(A) (operating), 5.5 B(A) (idle), <4 B(A) (sleep) 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ⁴ (sleep) (<15 W ⁵ with DFE) Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 5 A max
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating humidity Acoustics Sound pressure Sound pressure Consumption Requirements Certification	2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAI Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C 20 to 80% RH (non-condensing) 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep) 7.5 B(A) (operating), 5.5 B(A) (idle), <20 dB(A) (sleep) 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ^d (sleep) (<15 W ⁵ with DFE) Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 5 A max printer power cord; 12 A max curing power cord
Interfaces Dimensions (W × D Printer Shipping Operating area Weight Printer Shipping What's in the box Environmental ran Operating temperature Operating temperature Operating humidity Acoustics Sound power Power Consumption Requirements Certification Safety	2603 x 844 x 1405 mm 2603 x 844 x 1405 mm 2800 x 1130 x 1271 mm 2793 x 2100 mm 236 kg 353 kg HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance kit, edge holders, quick reference guide, HP SAI Flexi RIP Basic Software, documentation software, power cords, air purgers, 2-in spindle adaptor ges 15 to 30°C 20 to 80% RH (non-condensing) 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep) 7.5 B(A) (operating), 5.5 B(A) (idle), <20 dB(A) (sleep) 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ^d (sleep) (<15 W ⁵ with DFE) Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 5 A max printer power cord; 12 A max curing power cord IEC 62368-1 2nd and 3rd ed and IEC 60950-1+A1+A2 compliant;: USA and Canada (ICSA listed); EU (LVD, EN 60950-1 and EN 62368-1 compliant); China (CCO)

For more information, contact your HP Amplify Synergy Partner...

Ordering information Product

171K6A HP Latex 630 W Print

411

40' 40' 40' 40' 40' 40' 40'

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17 INDA	HP Latex 050 W PHILE	
Accessories	;	
171K8A 21V10A 421S3A 7HR19A	HP Latex 630 Output Platen Protector Accessory HP Latex 600/700/800 User Maintenance Kit HP Latex Media Feed Accessory HP Latex 630/700/800 Media Loading Accessory	
Original HP	printing supplies	

U93A	HP 836 White Latex Printhead
U94A	HP 836 Optimizer Latex Printhead
V29A	HP 832 1-liter White Latex Ink Cartridge
W75A	HP 832 1-liter Black Latex Ink Cartridge
W76A	HP 832 1-liter Cyan Latex Ink Cartridge
W77A	HP 832 1-liter Magenta Latex Ink Cartridge
V78A	HP 832 1-liter Yellow Latex Ink Cartridge
W79A	HP 832 1-liter Light Cyan Latex Ink Cartridge
IV80A	HP 832 1-liter Light Magenta Latex Ink Cartridge
IV81A	HP 832 1-liter Optimizer Latex Ink Cartridge
IV82A	HP 832 1-liter Overcoat Latex Ink Cartridge
IV83A	HP 832 Ink Mix Container
V95A	HP 836 Black/Cyan Latex Printhead
1V96A	HP 836 Magenta/Yellow Latex Printhead
V97A	HP 836 Light Cyan/Light Magenta Latex Printhead
1V98A	HP 836 Overcoat Latex Printhead
N99A	HP Latex Maintenance Cartridge

Original HP large format printing materials

HP Recycled⁶ Removable Adhesive Fabric, 3-in Core (Latex/solvent): REACH compliant⁷ HP Permanent Gloss Adhesive Vinyl: REACH compliant HP Prime Gloss Air GP: REACH compliant⁷ For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com

Service and Support

UG7E7E HP 2 year Plus Service Plan Hardware Support w/DMR UG7E8E HP 3 year Plus Service Plan Hardware Support w/DMR UG7F0E HP 5 year Plus Service Plan Hardware Support w/DMR UG7F1PE HP 1 year Post Warranty Plus Service Plan Hardware Support w/DMR UG7F2PE HP 2 year Post Warranty Plus Service Plan Hardware Support w/DMR

¹ Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects. Print mode names may vary depending on the media or application.
² The color variation between printed jobs has been measured at 12 pass mode on vinyl media. 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 3 dE2000. Backlit substrates measured in transmission mode may yield different results.
³ Automatic horizontal cutter is for use with thinner banners and canvas only. It is recommended to perform a test. 4 Excluding Type 2 DFE Cligital Front End as defined in Energy Star[®] Product Specification for Imaging Equipment version 3.1.

Version 3.1. ⁵ Total power measured in sleep mode including the Digital Front End contained on the product. ⁶ Product consists of PET fabric and coatings. With liner attached, 72% by weight of the product consists of recycled content. Base material fabric is made from 100% recycled resin.

content: base material radii: Is made from 100% recycled resin.
⁷ As of the date of this document, this product does not contain any of the chemicals on the EU's Candidate List for Authorization (otherwise known as Substances of Very High Concern) in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Article 33 Declaration published at HP Printing

determine the status of SVHC in HP products, see the HP REACH Article 33 Declaration published at HP Printing Products and Consumable Supplies. ⁸ 62% by weight of the product consists of recycled content. Base material fabric is made from 100% recycled resin. Certified according to Global Recycled Standard (GRS) Version 3.0, March 2017. ⁹ Trademark (icense code FSC-C115319. ¹⁰ Chemical analysis demonstrated demental chlorine to be below 200 ppm. Presence of chlorine is attributed to residual chlorine used in the papermaking process, and not due to the presence of PVC. ¹¹ HP PVC-free Wall Paper printed with HP Latex Inks is UL GREENGUARD GOLD Certified. UL GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to ULS (GREENGUARD admark for low chemical emissions into indoor air during product usage. For more information, visit http://ul.com/gg ¹² With HP Latex Inks, prints meet AgBB criteria for health-related evaluation of VOC emissions. See http://unweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-building



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Datasheet HP Latex 630 W Print and Cut Plus Solution

Embrace new possibilities with unbeatable white ink printing¹ and a seamless print and cut workflow



POSSIBILITIES—The best white ink print experience¹

- Do more in your shop with the easiest white ink printer¹ that adapts to your business needs.
- Produce a wide range of signage and décor jobs including applications with thin film and papers.
- Deliver stunning prints with vivid colours, smooth gradients, and sharp text at 14 m²/hr.²
- Print and cut simultaneously with reliable dualdevice solution-accurate job recognition, errorfree cutting.

EFFORTLESS—Get it done quickly and easily

- Find peace of mind with automatic maintenance processes and user-replaceable printheads.
- Save space and time with fast and automated frontloading system.
- Easily reprint projects with job storage in the printer up to 10 GB.
- Monitor your printer from anywhere and expand your capabilities with the cloud-based HP PrintOS app.

GO BEYOND—Lead with environmental certifications³

- Contribute to a comfortable⁴ working environment with water-based HP Latex Ink technology.
- Differentiate your business with environmental certifications³—including UL ECOLOGO^{®5} and EPEAT⁶.
- Reduce your plastics consumption with cartonbased cartridge⁷ and labelless supplies; free recycling via HP Planet Partners.⁸

For more information, please visit https://www.hp.com/go/latex-630

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at https://lkc.hp.com/

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

¹ Easiest/best white ink experience due to transparent ink maintenance with Automatic Ink Recirculation System between the HP Latex 832 Ink Mix and HP 832 White Latex Ink Cartridge. This ensures white ink is constantly circulating and doesn't settle. It's easy to remove the white printhead from the carriage and store it in an offline rotation chamber when not printing with white ink. This avoids unnecessary white ink waste and prevents the white printhead from getting clogged because of its dense white ink chemistry. All white printmodes are available at different white ink densities to get different levels of opacity (spot, underflood, overflood, and 3-layer-up to 260% white ink density).

Standard mode (Generic SAV Calendar) 6-pass, 6 colours, 110% ink density. Based on internal HP testing on MACTAC JT 8500 WG-PG. Print speed may vary due to the adaptive printing mechanism, which is designed to avoid image quality defects Based on internal competitive analysis with public information. Applicable to HP Latex technology compared to competitive large format printing alternatives using solvent and UV technologies. See individual product

data sheets for more information at http://hp.com/go/latex

Based on odor sensory evaluation when printing with the HP Latex 630 series printer and Mimaki UJV 100-160. Tests done in a 57 sqm 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 UC 100–160. ⁵ UL ECOLOGO® Certified HP 832 Latex inks meet a range of stringent human health and environmental considerations. For certifications, see http://www.ul.com/EL and http://www.ul.com/gg

⁶ Applicable to select HP Latex printers. EPEAT registered where applicable/supported. See http://epeat.net for registration status by country. ⁷ Applicable to HP 832. Plastic reduction based on moving from plastic ink cartridge to cardboard ink cartridges, with annual manufacturing saving of 33 tons of plastic based on average units of HP 831 and HP 831A ink

cartridges from 2018 to 2020. Visit http://hp.com/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction. Where this program is not available, and for other consumables not

included in the program, consult your local waste authorities on appropriate disposa

Printing modes	25 m2/br May Spood (2 pace)
	35 m²/hr - Max Speed (2-pass) 18 m²/hr - Speed (4-pass)
	14 m²/hr - Standard (6-pass) 11 m²/hr - Quality (8-pass)
	8 m²/hr - High Saturation (12-pass) 7 m²/hr - Standard for Backlits and Textiles (14-pass)
	6 m²/hr - White Spot (100%)
	3 m²/hr - White Overflood (100%) 2 m²/hr - White Underflood (100%)
	1 m²/hr - 3 Layers (160%) ¹
Print resolution	Up to 1200 x 1200 dpi
Ink types	Water-based HP Latex Inks
Ink cartridges	9 (black, cyan, light cyan, light magenta, magenta, yellow, white, HP Latex Optimizer, HP Latex Overcoat)
Cartridge size	1L
Printheads	6 (1 cyan/black, 1 magenta/yellow, 1 light cyan/light magenta, 1 white, 1 HP Latex Optimizer, 1 HP Latex Overcoat)
Long-term print-to-print repeatability	95% of colors < 3 dE2000 ²
Media	
Handling	Roll feed, take-up reel, automatic horizontal cutter (for vinyl, banner and canvas ³ , paper-based media, and film)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, (fabrics, mesh, textiles, and any other porous materials require a liner)
Roll size	457 to 1625-mm rolls (580 to 1625-mm rolls with full support)
Maximum roll weight	42 kg
Maximum roll diameter	250 mm
Thickness	Up to 0.5 mm
Applications	Banners, Customizable clothing, Displays, Exhibition and event graphics, Exterior signage, Floor graphics, Indoo posters, Interior decoration, Labels and stickers, Light boxes - film, Light boxes - paper, POP/POS, Posters, Vehicle graphics, Wall decals, Window graphics
Connectivity	Tenne gropines, rai occas, mitori gropines
Interfaces	Printer: Gigabit Ethernet (1000Base-T); Cutter: USB and Ethernet (LAN)
Dimensions (W x D) × H)
	·
Printer	Printer: 2603 x 844 x 1405 mm; Cutter: 1960 x 704 x 1112 mm
Shipping	Printer: 2800 x 1130 x 1271 mm; Cutter: 2230 x 420 x 710 mm
Weight	
Printer	Printer: 236 kg; Cutter: 48 kg
Shipping	Printer: 353 kg; Cutter: 74 kg
	Printer: HP Latex 630 W Printer, printheads, maintenance cartridge, printer stand, take-up reel, user maintenance
What's in the box	kit, edge holders, quick reference guide, HP SAi Flexi RIP Print Cut Software, documentation software, power cords, air purgers, 2-in spindle adaptor; Cutter: HP Latex 64 Plus Cutter, cutter stand, media basket, HP Cutter
	kit, edge holders, quick reference guide, HP SA Flexi RIP Print Cut Software, documentation software, power cords, air purgers, 2-in spinlle adaptor; Cutter: HP Lates C4 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2)
Environmental ran	kit, edge holders, quick reference guide, HP SA Flexi RIP Print Cut Software, documentation software, power cords, air purgers, 2-in spinlle adaptor; Cutter: HP Lates C4 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2)
Environmental ran Operating temperature	kit, edge holders, quick reference guide, HP SA Flext RIP Print Cut Software, documentation software, power cords, air purgers, 2-in spindle adaptor; Cutter: HP Latex 64 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) 15 to 30°C
Environmental ran Operating temperature Operating humidity	kit, edge holders, quick reference guide, HP SA Flexi RIP Print Cut Software, documentation software, power cords, air purgers, 2-in spinle adaptor; Cutter: HP Lates 44 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2)
Environmental ran Operating temperature Operating humidity Acoustics	kit, edge holders, quick reference guide, HP SA Flext RIP Print Cut Software, documentation software, power cords, air purgers, 2-in spindle adaptor; Cutter: HP Latex 64 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) 15 to 30°C
Environmental ran Operating temperature Operating humidity Acoustics Sound pressure	kit, edge holders, quick reference guide, HP SA Flexi RIP Print Cut Software, documentation software, power cords, air purgers, 2-in spindle adaptor; Cutter: HP Lates K4 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) Iges 15 to 30°C Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing)
	kit, edge holders, quick reference guide, HP SA Flexi RIP Print Cu'S Goftware, documentation software, power cords, air purgers, 2-in spinelle adaptor; Cutter: HP Lates K4 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) Iges 15 to 30°C Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing) Printer: 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep); Cutter: 56 dB(A) (operating)
Environmental ran Operating temperature Operating humidity Acoustics Sound pressure Sound power Power	kit, edge holders, quick reference guide, HP SA Flexi RIP Print Cu'S Goftware, documentation software, power cords, air purgers, 2-in spinelle adaptor; Cutter: HP Lates K4 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) Iges 15 to 30°C Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing) Printer: 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep); Cutter: 56 dB(A) (operating)
Environmental ran Operating temperature Operating humidity Acoustics Sound pressure Sound power Power Consumption	kit, edge holders, quick reference guide, HP SA Flexi RIP Print Cu'S Goftware, documentation software, power cords, air purgers, 2-in spinle adaptor; Cutter: HP Lates K4 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) Iges 15 to 30°C Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing) Printer: 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep); Cutter: 56 dB(A) (operating) Printer: 7.5 B(A) (operating), 5.5 B(A) (idle), <4 B(A) (sleep); Cutter: <7.3 B(A) (operating) Printer: 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ⁴ (sleep) (<15 W ⁵ with DFE); Cutter: 34 W (working mode)
Environmental ran Operating temperature Operating humidity Acoustics Sound pressure Sound power Power Consumption Requirements	kit, edge holders, quick reference guide, HP SA Flexi RIP Print CuT Software, documentation software, power cords, air purgers, 2-in spinelle adaptor; Cutter: HP Lates K4 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) Iges 15 to 30°C Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing) Printer: 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep); Cutter: 56 dB(A) (operating) Printer: 7.5 B(A) (operating), 5.5 B(A) (idle), <40 dB(A) (sleep); Cutter: <7.3 B(A) (operating) Printer: 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ⁴ (sleep) (<15 W ⁵ with DFE); Cutter: 34 W (working mode) Printer: input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 50 Hz (±3 Hz); two power cords; 50 Hz (±10%) two wires and PE; 50/60 Hz
Environmental ran Operating temperature Operating humidity Acoustics Sound pressure	kit, edge holders, quick reference guide, HP SA Flexi RIP Print CuT Software, documentation software, power cords, air purgers, 2-in spinelle adaptor; Cutter: HP Lates K4 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) Iges 15 to 30°C Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing) Printer: 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep); Cutter: 56 dB(A) (operating) Printer: 7.5 B(A) (operating), 5.5 B(A) (idle), <40 dB(A) (sleep); Cutter: <7.3 B(A) (operating) Printer: 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ⁴ (sleep) (<15 W ⁵ with DFE); Cutter: 34 W (working mode) Printer: input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 50 Hz (±3 Hz); two power cords; 50 Hz (±10%) two wires and PE; 50/60 Hz
Environmental ran Operating temperature Operating humidity Acoustics Sound pressure Sound power Power Consumption Requirements Certification Safety	kit, edge holders, quick reference guide, HP SA Flexi RIP Print Cut Software, documentation software, power cords, air purgers, 2-in spinle adaptor; Cutter: HP Lates K4 Plus Cutter, cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) Iges 15 to 30°C Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing) Printer: 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep); Cutter: 56 dB(A) (operating) Printer: 7.5 B(A) (operating), 5.5 B(A) (idle), <40 dB(A) (sleep); Cutter: <7.3 B(A) (operating) Printer: 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ⁴ (sleep) (<15 W ⁵ with DFE); Cutter: 34 W (working mode) Printer: input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 5 A max printer power cord; 12 A max curing power cord; Cutter: 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 5 HEC 62368-1 2nd and 3rd ed and IEC 60950-1+A1+A2 compliant;; USA and Canada (CSA listed); EU (LVD, EN
Environmental ran Operating temperature Operating humidity Acoustics Sound pressure Sound pressure Consumption Requirements Certification	kit, edge holders, quick reference guide, HP SA Flexi RIP Print Cu'S Offware, documentation software, power cords, air purgers, 2-in spinelle adaptor; Cutter: HP Lates 64 Plus Cutter; cutter stand, media basket, HP Cutter Control software, quick reference guide, setup poster, documentation software, power cords, standard holder (1 standard blades (2), cut-off knife (1), 3-in media flanges (set of 2) Iges 15 to 30°C Printer: 20 to 80% RH (non-condensing); Cutter: 35 to 75% RH (non-condensing) Printer: 55 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep); Cutter: 56 dB(A) (operating) Printer: 7.5 B(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep); Cutter: 56 dB(A) (operating) Printer: 0.9-2.0 kW (2.9 kW peak) (printing), 60 W (ready), <4.5 W ⁴ (sleep) (<15 W ⁵ with DFE); Cutter: 34 W (working mode) Printer: input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cord; 5 A max printer power cord; 12 A max curing power cord; Cutter: 20-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cord; 5 A max printer power cord; 12 A max curing power cord; Cutter: 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); 2 A IEC 62368-1 2nd and 3rd ed and IEC 60950-1+A1+A2 compliant;; USA and Canada (ICSA); EU (LVD, EN 60950-1 and EN 62368-1 compliant); China (CCC) Printer: Compliant with Class A requirements, including: USA (FCC rules), Canada (ICSA); EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCC), Korea (KCC), China (CCC); Cutter: Compliant with Class A requirements, including: USA (FCC rules), Canada (ICSA); EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCC), Korea (KCC), China (CCC); Cutter: Compliant with Class A requirements, including: USA (FCC rules), Canada (ICSA); LUEMC Directive), Australia and New Zealand (RCM), Japan (VCC), Korea (KCC), China (CCC); Cutter: Compliant with Class A requirements, including: USA (FCC rules), Canada (ICSA); LUEMC Directive), Australia and New Zealand (RCM), Japan (VCC), Korea (KCC),

For more information, contact your HP Amplify Synergy Partner...

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Cutting

Cut type	Drag-knife with TurboCut and Tangential emulation modes
Cut width	158 cm
Cut speed	Up to 113 cm/sec diagonal
Acceleration	Up to 3 G diagonal
Accuracy	0.2% of movement or 0.25 mm, whichever is greater
Repeatability	±0.1 mm
Cut force	1 to 600 grams of downforce, in 5-gram steps
Cut thickness	0.05 to 0.25 mm; 0.6 mm with optional speciality blade

Ordering information

Product

171K7A	HP Latex 630 W Print and Cut Plus Solution	
Accessories		
171K8A	HP Latex 630 Output Platen Protector Accessory	

1UX44A	HP Latex Standard Blade Kit
1UX45A	HP Latex Specialty Blade Kit
21V10A	HP Latex 600/700/800 User Maintenance Kit
421S3A	HP Latex Media Feed Accessory
7HR19A	HP Latex 630/700/800 Media Loading Accessory

Original HP printing supplies

4UU93A	HP 836 White Latex Printhead	
4UU94A	HP 836 Optimizer Latex Printhead	
4UV29A	HP 832 1-liter White Latex Ink Cartridge	
4UV75A	HP 832 1-liter Black Latex Ink Cartridge	
4UV76A	HP 832 1-liter Cyan Latex Ink Cartridge	
4UV77A	HP 832 1-liter Magenta Latex Ink Cartridge	
4UV78A	HP 832 1-liter Yellow Latex Ink Cartridge	
4UV79A	HP 832 1-liter Light Cyan Latex Ink Cartridge	
4UV80A	HP 832 1-liter Light Magenta Latex Ink Cartridge	
4UV81A	HP 832 1-liter Optimizer Latex Ink Cartridge	
4UV82A	HP 832 1-liter Overcoat Latex Ink Cartridge	
4UV83A	HP 832 Ink Mix Container	
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	
4UV99A	HP Latex Maintenance Cartridge	

Original HP large format printing materials

HP Recycled⁶ Removable Adhesive Fabric, 3-in Core (Latex/solvent): REACH compliant⁷ HP Recycled⁸ Satin Canvas, 3-in Core (Latex/Solvent): REACH compilant⁷ HP Premium Poster Paper: FSC[®] certified³ HP PVC-free¹ Wall Paper: LB (GREENGUARD GOLD Certified¹¹, FSC[®] certified⁹, meets AgBB criteria¹² HP Permanent Gloss Adhesive Vinyl: REACH compliant HP Prime Gloss Air GP: REACH compliant⁷

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

Service and Support

UG7G3E HP 2 year Plus Service Plan Hardware Support w/DMR UG7G4E HP 3 year Plus Service Plan Hardware Support w/DMR UG7G6E HP 5 year Plus Service Plan Hardware Support w/DMR UG7G7PE HP year Post Warranty Plus Service Plan Hardware Support w/DMR UG7G8PE HP 2 year Post Warranty Plus Service Plan Hardware Support w/DMR

¹ Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects. Print mode names may vary depending on the media or application.
² The color variation between printed jobs has been measured at 12 pass mode on vinyl media. Reflective measurements on a 943 color target under CIE standard Illuminant D50, and according to the standard (IEDE2000 as per CIE Draft Standard D5 014-6/E.2012. 5% of colors may experience variations above 3 dE2000. Backlit substrates measured in transmission mode may yield different results.
³ Automatic horizontal cutter is for use with thinner banners and canvas only. It is recommended to perform a test. ⁴ Excluding Type 2 DEFE (Digital Front End) as defined in Energy Star[®] Product Specification for Imaging Equipment version 3.1.

version 3.1.

version 3.1. ⁵ Total power measured in sleep mode including the Digital Front End contained on the product. ⁶ Product consists of PET fabric and coatings. With liner attached, 72% by weight of the product consists of recycled content. Base material fabric is made from 100% recycled resin. ⁷ As of the date of this document, this product does not contain any of the chemicals on the EU's Candidate List for Authorization (otherwise known as Substances of Very High Concern) in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Article 33 Declaration published at HP Printing Products and Consumable Sumplies.

Additionation of the status of SVHC in HP products, see the HP REACH Article 33 Declaration publishes as in a structure of the status of SVHC in HP products, see the HP REACH Article 33 Declaration publishes as in a structure of the status of SVHC in HP products and Consumable Supplies. 8 62% by weight of the product consists of recycled content. Base material fabric is made from 100% recycled resin. Certified according to Global Recycled Standard (GRS) Version 3.0, March 2017. ⁹ Trademark license code FSC-C115319. ¹⁰ Chemical analysis demonstrated elemental chlorine to be below 200 ppm. Presence of chlorine is attributed to residual chlorine used in the papermaking process, and not due to the presence of PVC. ¹¹ HP PVC-free Wall Paper printed with HP Lates Inks is 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://u.com/gg ²¹ With HP Latex Inks, prints meet AgBB criteria for health-related evaluation of VOC emissions. See http://unweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-evaluation-of-building

