Datasheet

HP Latex 570 Printer

Drive cost-effective production with a 64-inch printer that integrates easily into your fleet

Sustain high productivity on speed, easy operation

- Load rolls in one minute or less with the spindleless pivot table and automatic skew adjustment.
- Respond fast with quality—up to 248 ft²/hr (23 m²/hr) indoor quality mode.
- Run unattended[1]—print 328-ft (100-m) length SAV rolls with heavy roll support up to 121 lb (55 kg).
- Balance production and distribute jobs across your HP Latex fleet with color emulation capabilities.[2]

Get vivid color and consistent quality over time

- Produce highly saturated prints with up to 50% more ink density[3], using vivid print modes.
- Print colors right the first time with the i1 embedded spectrophotometer[4] and HP Custom Substrate Profiling.
- Consistent, day-one image quality over time— native 1200 dpi, user changes printheads, auto nozzle replacement.
- Handle robust tiling applications with consistent colors to <= 2 dE2000[5] and +/-1 mm/m length accuracy.

Manage your fleet easily and cost effectively

- Reduce expense with cost-effective 3-liter HP Latex ink cartridges that can be changed while the printer runs.
- Integrate this printer into your larger fleet management system with the HP printer internal development kit.
- Control your fleet from afar—status beacon signals issues, HP Latex Mobile app provides remote monitoring.[6]
- Plan production in advance, optimize supplies usage, and save time—utilities predict how much ink is needed.

For more information, please visit http://www.hp.com/go/latex570 Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at https://hplatexknowledgecenter.com/

Technical specifications

Print

Printing modes	980 ft²/hr (91 m²/hr)- Max Speed (1-pass) 334 ft²/hr (31 m²/hr)- Outdoor High Speed (4-pass 4-color) 301 ft²/hr (28 m²/hr)- Outdoor Plus (4-pass) 248 ft²/hr (23 m²/hr)- Indoor Quality (6-pass) 151 ft²/hr (14 m²/hr)- Indoor High Quality (10-pass) 69 ft²/hr (6 m²/hr)- Backlits, Textiles, and Canvas (16-pass) 54 ft²/hr (5 m²/hr)- High Saturation Textiles (20-pass)
Print resolution	Up to 1200 x 1200 dpi
Ink types	Water-based HP Latex Inks
Ink cartridges	7 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer)
Cartridge size	3 L, 775 ml
Printheads	7 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 2 HP Latex Optimizer)
Long-term print-to-print repeatability	Average ≤ 1 dE2000, 95% of colors ≤ 2 dE2000[1]

Media

Handling	Roll feed, take-up reel, wiper roller, automatic cutter (for vinyl, paper-based media, backlit polyester film)
Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, fabrics, mesh, textiles[2]
Roll size	10 to 64-in (254 to 1625-mm) rolls; 23 to 64-in (580 to 1625-mm) rolls with full support
Roll weight	121 lb (55 kg)
Roll diameter	9.8 in (250 mm)
Thickness	Up to 19.7 mil (Up to 0.5 mm)

Applications

	Banners; Displays; Double-sided banners; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T)

Dimensions (w x d x h)

Printer	101 x 31 x 56 in (2560 x 792 x 1420 mm)
Shipping	108 x 41 x 67 in (2750 x 1037 x 1689 mm)
Operating area	109 x 71 in (2761 x 1792 mm)

Weight

Printer	551 lb (250 kg)
Shipping	794 lb (360 kg)

What's in the box

	HP Latex 570 Printer, printheads, maintenance cartridge, ink collector, output platen protector, printer stand, take-up reel, loading accessory, user maintenance kit, edge holders, wiper roller, beacon, quick reference guide, setup poster, documentation software, power cords

Environmental ranges

Operating temperature	59 to 86ºF (15 to 30ºC)
Operating humidity	20 to 80% RH (non-condensing)

Acoustics

Sound pressure	59 dB(A) (operating), 39 dB(A) (idle), <15 dB(A) (sleep)
Sound power	7.3 B(A) (operating), 5.4 B(A) (idle), <3.5 B(A) (sleep)

Power

Consumption	4 kW (printing), 85 W (ready), <3 W (sleep)
Requirements	Input voltage (auto ranging) 200 to 240 VAC two wires and PE; 50/60 Hz (+/- 3 Hz); two power cords; 13 A max per power cord

Certification

Safety	IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES)
Environmental	ENERGY STAR; WEEE; REACH; EPEAT Bronze; OSHA

Warranty

	One-year limited hardware warranty

Ordering information

Product

N2G70A	HP Latex 570 Printer

Accessories

2LY32A	HP Latex 500 Media Lifter
F0M59A	HP Latex User Maintenance Kit
F0M63A	HP Series 300 Media Loading Accessory
F0M64A	HP Series 300/500 Edge Holder Kit
T4E58B	HP Latex Media Saver Kit
T7U73A	HP Latex 500 Wiper Roller
T7U74A	HP Series 300 Ink Collector Foam Kit

Original HP printing supplies

CZ677A	HP 831 Cyan/Black Latex Printhead
CZ678A	HP 831 Yellow/Magenta Latex Printhead
CZ679A	HP 831 Light Magenta/Light Cyan Latex Printhead
CZ680A	HP 831 Latex Optimizer Printhead
CZ681A	HP 831 Latex Maintenance Cartridge
CZ682A	HP 831A 775-ml Black Latex Ink Cartridge
CZ683A	HP 831A 775-ml Cyan Latex Ink Cartridge
CZ684A	HP 831A 775-ml Magenta Latex Ink Cartridge
CZ685A	HP 831A 775-ml Yellow Latex Ink Cartridge
CZ686A	HP 831A 775-ml Light Cyan Latex Ink Cartridge
CZ687A	HP 831A 775-ml Light Magenta Latex Ink Cartridge
CZ706A	HP 831 775-ml Latex Optimizer Ink Cartridge
G0Y79D	HP 871A 3-liter Cyan Latex Ink Cartridge
G0Y80D	HP 871A 3-liter Magenta Latex Ink Cartridge
G0Y81D	HP 871A 3-liter Yellow Latex Ink Cartridge
G0Y82D	HP 871A 3-liter Black Latex Ink Cartridge
G0Y83D	HP 871A 3-liter Light Cyan Latex Ink Cartridge
G0Y84D	HP 871A 3-liter Light Magenta Latex Ink Cartridge
G0Y85A	HP 871 3-liter Latex Optimizer Cartridge
G0Y99A	HP 871 Latex Printhead Cleaning Kit

Original HP large format printing materials

HP Permanent Gloss Adhesive Vinyl (REACH certified[3])
HP Backlit Polyester Film[4]
HP PVC-free Durable Smooth Wall Paper (REACH[3], FSC®[5], UL GREENGUARD GOLD certified[6])
HP Premium Poster Paper[4] (FSC® certified[5])

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

Service and Support

U9AY4E HP 2 year NBD with Defective Media Retention
U9AY7E HP 3 year NBD with Defective Media Retention
U9AY8PE HP 1 year Post Warranty NBD with Defective Media Retention
U9CS2PE HP 2 year Post Warranty NBD with Defective Media Retention
M0E29-67087 HP Service Maintenance Kit 3
M0E29-67085 HP Service Maintenance Kit 1

ECO highlights

- Better for printing companies/operators—no special ventilation or HAPs[1]
- Better for the end-customer, more differentiation—odorless prints reach more indoor spaces[2]
- Better for the environment—HP designs end-to-end sustainability into large-format printing
- HP Latex Inks are UL GREENGUARD GOLD Certified[3]

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

[1] Special ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements. Special ventilation equipment installation is at the discretion of the customer—see the Site Preparation Guide for details. Customers should consult state and local requirements and regulations. HP Latex Inks were tested for Hazardous Air Pollutants, as defined in the Clean Air Act, per U.S. Environmental Protection Agency Method 311 (testing conducted in 2013) and none were detected.
[2] 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.
[3] UL GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to UL's GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit http://www.ul.com/gg or http://www.greenguard.org.
[4] ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. EPEAT registered where applicable/supported. See http://www.epeat.net for registration status by country.

[1] 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. Backlit substrates measured in transmission mode may yield different results.
[2] Performance may vary depending on media—for more information, see http://www.hp.com/go/mediasolutionslocator. For best results, use textiles that do not stretch. The optional ink collector is required for porous textiles.
[3] This product does not contain substances listed as SVHC (155) per Annex XIV of the EU REACH directive published as of June 16, 2014 in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP Printing Products and Consumable Supplies.
[4] HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See http://www.HPLFMedia.com/hp/ecosolutions for details.
[5] BMG trademark license code FSC®-C115319, see http://www.fsc.org. HP trademark license code FSC®-C017543, see http://www.fsc.org. Not all FSC®-certified products are available in all regions.
[6] UL GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to UL's GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit http://www.ul.com/gg or http://www.greenguard.org.

3M™ MCS™ Warranty

ENERGY STAR

epeat BRONZE

HP Water-Based Ink technology

i1 COLOR FOR HP

GREENGUARD