



# HP Latex 3500 Printer

Efficient high-volume production for standardized workflows



## High quality at speed<sup>1</sup>

- Versatile HP Latex Technology and HP Latex Optimizer deliver high image quality at speed<sup>1</sup>
- Suppress banding even at high speeds with HP Dynamic Swath Alignment and OMAS technology—3 pass 120 m<sup>2</sup>/hr (1290 ft<sup>2</sup>/hr)<sup>2</sup>
- Superb quality for signage and decoration—wide color gamut, sharp, repeatable quality, 6 colors, 1200 dpi
- Retain media value—HP Latex Inks conform to the media surface, preserving gloss and texture, unlike UV

## Drive a new level of highly efficient production

- Increase production capacity with heavy-duty rolls and 10-liter ink supplies, ideal for overnight printing
- Achieve quicker turnaround times—HP Latex In-line Slitters reduce bottlenecks in finishing
- Proof while printing with the LED Proofing Lights for on-printer visual assessment and proofing
- Highly unattended operation—Printer Status Beacon, HP Latex Mobile app<sup>3</sup> work together for remote monitoring

## Help drive down costs

- Reduce material costs—economies of scale help reduce the cost per square meter
- Reduce waste—fewer roll changes help cut media waste
- Single operator roll change with dual-roll split spindles
- JDF enabled for integrating production data—for more accurate data analysis, accounting, and cost control

For more information, please visit  
[hp.com/go/Latex3500](http://hp.com/go/Latex3500)

Join the community, find tools, and talk to experts.  
Visit the HP Latex Knowledge Center at  
[hp.com/communities/HPLatex](http://hp.com/communities/HPLatex)

<sup>1</sup> The HP Latex 3500 Printer is based on HP Thermal Inkjet technology—seven printheads providing over 70,000 nozzles with 12 picoliter drops, nozzle redundancy, and automatic maintenance features—enabling high image quality at high speed over long runs compared to piezo-based technology.

<sup>2</sup> Printed in Outdoor mode (3-pass 6-color 80%).


<sup>3</sup> HP Latex Mobile is compatible with Android™ 4.1.2 or later and iPhone mobile digital devices running iOS 6 or later, and requires the printer and the smart phone to be connected to the Internet. Support for tablet devices available as of September, 2015.

## Technical specifications

<b>Printing</b>	Printing modes	27 m <sup>2</sup> /hr (290 ft <sup>2</sup> /hr) - High Saturation Backlits (18-pass 6c 230%) 44 m <sup>2</sup> /hr (470 ft <sup>2</sup> /hr) - Textiles and Canvas (10-pass 6c 170%) 77 m <sup>2</sup> /hr (830 ft <sup>2</sup> /hr) - Indoor High Quality (6-pass 6c 100%) 120 m <sup>2</sup> /hr (1290 ft <sup>2</sup> /hr) - Outdoor (3-pass 6c 80%) 180 m <sup>2</sup> /hr (1950 ft <sup>2</sup> /hr) - Billboard (2-pass 4c 70%)
	Print resolution	Up to 1200 x 1200 dpi
	Ink cartridges	Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer
	Cartridge size	10 liter
	Color consistency	Maximum color difference (95% of colors) <= 2 dE2000 <sup>4</sup>
<b>Media</b>	Handling	Roll-to-roll, roll-to-free fall, roll-to-collector, dual-roll, double sided
	Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas. Mesh and porous textiles with optional ink collector.
	Roll size	Single roll up to 3.2 m (126 in) Dual roll up to 2 x 1.55 m (2 x 61 in)
	Roll weight	Single roll up to 300 kg (650 lb) Dual roll up to 2 x 200 kg (2 x 440 lb)
	Roll diameter	Up to 40 cm (15.75 in)
	Thickness	Up to 0.4 mm (0.015 in), by default Up to 2.0 mm (0.08 in), with custom carriage height setting
	Double sided	Registration accuracy 5 mm/m (0.06 in/ft), intended for double-sided PVC blackout banners
<b>Dimensions (w x d x h)</b>	Printer:	598 x 172 x 187 cm (235 x 68 x 74 in)
	Shipping:	586 x 193 x 216 cm (231 x 76 x 85 in)
<b>Weight</b>	Printer:	1870 kg (4120 lb); Shipping: 2630 kg (5800 lb)
<b>What's in the box</b>	HP Latex 3500 Printer, HP 881 Latex Printheads, HP 881 Latex Cleaning Roll, 126-in spindles (x2), HP Latex 3500 Dual Roll Split Spindles (x4); HP Latex 3500 dual roll center support and docking plate, HP Internal Print Server, HP webcam, documentation software, user manual, media edge holders (x4), in-line slitters (x4), Original HP sample media, cleaning supplies, spindle supports (x2), pneumatic gun	
<b>Environmental ranges</b>	Standard operating conditions:	Temperature: 15 to 30°C (59 to 86°F) Humidity: 20 to 70% RH (non-condensing)
	Optimal IQ operating conditions:	Temperature: 20 to 25°C (68 to 77°F) Humidity: 30 to 60% RH (non-condensing)
	<b>Power consumption</b>	9 kW (typical) - high-quality indoor mode (6-pass) 11 kW (typical) - outdoor mode (3-pass)
<b>Certification</b>	Safety	IEC 60950-1+A1 compliant; United States and Canada (CSA listed); EU (LVD and MD compliant, EN60950-1, EN12100-1, EN60204-1, and EN1010); Russia, Belarus and Kazakhstan (EAC); Australia, New Zealand (RCM)
	Electromagnetic	Compliant with Class A requirements, including USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)
	Environmental	WEEE, EU RoHS, China RoHS, REACH
<b>Warranty</b>	One-year limited hardware warranty	



## Ordering information

<b>Product</b>	K4G10A	HP Latex 3500 Printer
<b>Accessories</b>	CQ755B	HP Scitex Caldera RIP Software
	D9Z41A	HP Scitex Onyx Thrive 211 RIP Software
	M2J33A	HP Latex In-line Slitters
	CZ065A	HP Latex 3000 Ink Collector Kit
	F1V49A	HP Latex 3000 Ink Collector Foams Kit
	F0D27A	HP Latex 3000 Edge Holder Kit
	CZ059A	HP Latex 126-in Carbon Fiber Spindle
	L2E28A	HP Latex 3500 Dual Roll Split Spindles
	<b>Original HP printheads</b>	CR327A
CR328A		HP 881 Cyan/Black Latex Printhead
CR329A		HP 881 Light Magenta/Light Cyan Latex Printhead
CR330A		HP 881 Latex Optimizer Printhead
<b>Original HP ink cartridges and maintenance supplies</b>	G0Y72A	HP 3M 891 10-liter Cyan Latex Ink Cartridge
	G0Y73A	HP 3M 891 10-liter Magenta Latex Ink Cartridge
	G0Y74A	HP 3M 891 10-liter Yellow Latex Ink Cartridge
	G0Y75A	HP 3M 891 10-liter Black Latex Ink Cartridge
	G0Y76A	HP 3M 891 10-liter Light Cyan Latex Ink Cartridge
	G0Y77A	HP 3M 891 10-liter Light Magenta Latex Ink Cartridge
	G0Y78A	HP 3M 891 10-liter Latex Optimizer Ink Cartridge
	CR339A	HP 881 Latex Cleaning Roll
	<b>Original HP large format printing materials</b>	HP printing materials are designed together with HP Latex Inks and HP Latex printers to provide optimal image quality, consistency, and reliability.
HP PVC-free Wall Paper (FSC® and UL GREENGUARD GOLD Certified) <sup>5</sup>		
HP Permanent Gloss Adhesive Vinyl REACH <sup>6</sup>		
	HP Backlit Polyester Film 	
	HP Premium Satin Canvas	
	For the entire HP Large Format Printing Materials portfolio, please see <a href="http://HPLFMedia.com">HPLFMedia.com</a> .	
<b>Service kits</b>	D4J02A	HP Latex 3000 Series Standard Uptime kit D4J02A
	M7J62A/ K4G10-67076	HP Latex 3000 Series Extended Uptime Kit
	K4G10-67077	HP Latex 3500 Extended Delta Kit
	M7J49A/ K4G10-67078	HP Latex 3100/3500 Printer Maint. Kit
	CZ056-67310	HP Latex 3000 Series Service Maintenance Kit
<b>Service contracts</b>	HK707AC- K4G10A	HP Parts and Remote Hardware Support Contract

<sup>4</sup> The color variation inside a printed job has been measured to be within this limit: maximum color difference (95% of colors) <= 2 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. 5% of colors may experience variations above 2 dE2000. Backlit substrates measured in transmission mode may yield different results.

<sup>5</sup> BMG trademark license code FSC®-C115319, see [fsc.org](http://fsc.org). HP trademark license code FSC®-C017543, see [fsc.org](http://fsc.org). Not all FSC®-certified products are available in all regions. 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 [ul.com/gg](http://ul.com/gg) or [greenguard.org](http://greenguard.org).

<sup>6</sup> This product does not contain substances listed as SVHC (155) per Annex XIV of the EU REACH directive published as of June 16, 2014 in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP Printing Products and Consumable Supplies.

<sup>7</sup> HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See [HPLFMedia.com/hp/ecosolutions](http://HPLFMedia.com/hp/ecosolutions) for details.

