

HP Latex 3500 Printer



High-volume production for standardised workflows and dedicated application production



Get high quality at speed¹

- Versatile HP Latex Technology and HP Latex Optimiser deliver high image quality at speed.¹
- Suppress banding even at high speeds with HP Dynamic Swath Alignment, OMAS technology – 3 pass 120 m²/hr.²
- Superb quality for signage and decoration – wide colour gamut, sharp, repeatable quality, 6 colours, 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-litre 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 app³ work together for remote monitoring.

Help drive down costs

- Reduce material costs – economies of scale help reduce the cost per square foot.
- 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.

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

²Printed in Outdoor mode (3-pass 6-colour 80%).

³HP Latex Mobile is compatible with Android™ 4.1.2 or later and iOS 7 or later, and requires the printer and the smart phone or tablet to be connected to the Internet.

Technical specifications

Printing

Printing modes	High Saturation Backlits (18p 6c 230%): 27 m ² /hr Textiles and Canvas (10p 6c 170%): 44 m ² /hr Indoor High Quality (6p 6c 100%): 77 m ² /hr Outdoor (3p 6c 80%): 120 m ² /hr Billboard (2p 4c 70%): 180 m ² /hr
Print Resolution	Up to 1200 x 1200 dpi
Ink Types	HP Latex Inks
Ink cartridges	Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer
Printheads	7 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, HP Latex Optimizer)

Media

Handling	Roll-to-roll; Roll-to-free fall; Roll-to-collector; Dual-roll; Double sided blackout
Media Types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas; Mesh and porous textiles with optional ink collector
Roll weight	Up to 300 kg (single roll); Up to 2 x 200 kg (dual roll)
Roll diameter	40 cm
Thickness	Up to 0.4 mm (default); Up to 2.0 mm (with custom carriage height setting)

Applications	Vehicle graphics; Banners; Displays; Indoor posters; POP/POS; Exhibition, event graphics; Exterior signage; Light boxes - film; Textile
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Connectivity	Standard: Gigabit Ethernet (1000Base-T)
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Dimensions (w x d x h)

Printer:	598 x 172 x 187 cm
Packaging:	586 x 193 x 216 cm

Weight

Printer:	1870 kg
Packaging:	2630 kg

Power

Certification

Safety	IEC 60950-1 +A1 compliant; EU (LVD and MD compliant, EN60950-1, EN12100-1, EN60204-1 and EN1010); Russia, Belarus and Kazakhstan (EAC)
Electromagnetic	Compliant with Class A requirements, including EU (EMC Directive)
Environmental	CE marking compliant; EU RoHS; REACH; WEEE

Warranty	One-year limited hardware warranty
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Ordering information

Product What's in the box

K4G10A	HP Latex 3500 Printer; HP 881 Latex Printheads; HP 881 Latex Cleaning Roll; 3.2 m (126-in) spindles (x2); HP Latex 3500 dual roll split spindles (x4); HP Latex 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
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Accessories

CQ755B	HP Scitex Caldera RIP Software
CZ059A	HP Latex 126-in Carbon Fiber Spindle
CZ065A	HP Latex 3000 Ink Collector Kit
D9Z41A	HP Scitex Onyx Thrive 211 RIP Software
E9Q83A	HP Latex Dual Roll Center Support Kit
F0D27A	HP Latex 3000 Edge Holder Kit
F1V49A	HP Latex 3000 Ink Collector Foams Kit
G1K80A	HP Latex 126-in Dual Roll Spindle
L2E28A	HP Latex 3500 Dual Roll Split Spindles
M2J33A	HP Latex In-line Slitters

Original HP Printheads

CR327A	HP 881 Yellow/Magenta Latex Printhead
CR328A	HP 881 Cyan/Black Latex Printhead
CR329A	HP 881 Light Magenta/Light Cyan Latex Printhead
CR330A	HP 881 Latex Optimizer Printhead

Original HP ink cartridges and maintenance supplies

CR331A	HP 881 5-liter Cyan Latex Ink Cartridge
CR332A	HP 881 5-liter Magenta Latex Ink Cartridge
CR333A	HP 881 5-liter Yellow Latex Ink Cartridge
CR334A	HP 881 5-liter Black Latex Ink Cartridge
CR335A	HP 881 5-liter Light Cyan Latex Ink Cartridge
CR336A	HP 881 5-liter Light Magenta Latex Ink Cartridge
CR337A	HP 881 5-liter Latex Optimizer Cartridge
CR339A	HP 881 Latex Cleaning Roll
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

For the entire HP Large Format Printing Materials portfolio, please see globalBMG.com/hp.

For more HP Large Format Media substrates and sizes please visit us online at: <http://www.hp.com/go/designjet/supplies>

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