HP Designjet L28500 Printer Series

Offer wider output; enjoy fast, easy productivity

Wider applications with unrivaled versatility[1].

- Satisfy a broader range of customer needs with 104-in addressable width.

- Print on a broad range of materials, including vinyl, textiles[2], paper, film, and low-cost uncoated options.

- Seize your share of the growing temporary textiles market with the ability to print on a broader range of textiles[2].

- Create vivid indoor and outdoor applications— outdoor signage offers better durability than eco-solvent inks[3].

Productivity made easy.

- Print up to 70% faster[1] with extremely short time to delivery.

- Produce double-sided prints[4] with automated registration across sides that move immediately to finishing.

- Increase uptime with automatic, reliable, low-maintenance printing and remote management.

- Easily control printer settings and tasks via the intuitive touchscreen.

Win new business from environment-minded customers.

- Attract environmentally conscious customers using HP Latex Inks and recyclable HP printing materials[5].

- Improve the work environment—no special ventilation[6], no hazard warning label—unlike most eco-solvent inks.

- Return and recycle supplies for free[7] and dramatically improve ink efficiency[8].

- Choose a printing system that is an industry leader in environmental certifications and awards.

For more information, please visit:
www.hp.com/go/DesignjetL28500

Become an expert with HP Latex Printing Technology:
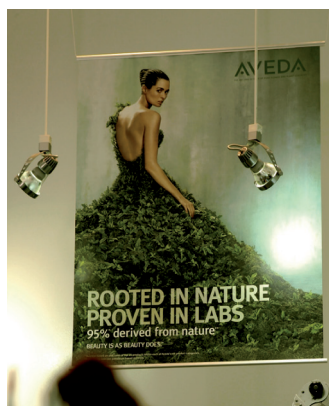**www.hp.com/go/hplatexuniversity**

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HP Latex Printing Technologies

HP Latex Inks are water-based inks that combine the best characteristics of eco-solvent inks and water-based inks. You can obtain the outdoor durability and versatility on low-cost, uncoated papers that you would traditionally associate with eco-solvent inks, together with the odorless prints[9], low maintenance, and environmental advantages you get from water-based inks.

HP Latex Inks are completely cured inside the printer to form a durable film on the print medium. Prints come off dry so you can move right on to lamination, finishing, shipping, or display.

Point of Purchase Posters

Reduce costs without compromising quality

- Print on low-cost uncoated papers – With HP Latex Inks, you can print on uncoated papers, and reduce your media costs by up to 30%. Solvent printers require more expensive coated papers to achieve the same results.

Light boxes

Deliver vibrant, saturated colors at high productivity

- Achieve excellent image quality – Produce high-resolution prints up to 1200 dpi, with dense, saturated colors that stand up to close inspection.

Temporary Textiles[2

Complement your business without losing versatility

- With HP Latex Inks, you can print on uncoated fabrics with excellent image sharpness, and save up to 30% on substrate costs. Solvent printers require more expensive coated fabrics to achieve the same image-quality results.

Wallcoverings

Discover a new market opportunity

- Eliminate concerns about odor—prints produced with HP Latex Inks are odorless[9] even immediately after printing, making them ideal for residential, office, hospitality, healthcare, or other environments with similar needs.

HP Designjet L28500 Printer Series

Vast improvement in double-sided printing.

- The double-sided capability[4 allows you to print double-sided banners with minimal operator intervention. The HP Optical Media Advance Sensor (OMAS) controls registration automatically.

- You can also save time—no need to rewind the roll between sides.

More textiles and higher quality.

- 264-cm (104-in) fully supported. Now you have access to many more of the fabric rolls available in the market.

- Maximize the variety of media you can handle, including soft materials previously too light to load. Print unlined flag fabrics with the Platen Cover accessory (B2W90A)

- Even higher image quality with the new front tension system and edge holders.

Vehicle wraps and graphics

Cut turnaround times, access high-value market segments

- You can laminate right after printing – There is no need to let prints dry after printing, so you can accept urgent turnaround jobs that can command a premium price.

Outdoor and event banners

Produce images worthy of building the best brands

- See rich blacks and glossy results on self-adhesive vinyls and banners with outdoor display permanence up to three years unlaminated, five years laminated[10.

ECO HIGHLIGHTS

- Save paper with automatic print settings and image nesting
- Free, convenient HP ink cartridge and printhead recycling[1
- FSC®-certified papers, range of recyclable HP media with a take-back program[1

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Please recycle large-format printing hardware and printing supplies.

Find out how at our website:

www.hp.com/ecosolutions

1) Program availability varies. Please check **www.hp.com/recycle** for details.

HP Designjet L28500 Printer Series

Technical specifications

Print speed [1]	Up to 70 m2/hr (753 ft2/hr)	
Media	Handling	Roll feed, take-up reel, automatic cutter (for vinyl, paper-based media, backlit polyester film, and thin banners)
	Media solutions locator	**www.hp.com/go/mediasolutionslocator**
	Roll size	58 to 264-cm (23 to 104-in) rolls, with 76-mm (3-in) cores, up to 100 kg (220 lb)
	Roll diameter	Up to 25-cm (9.8-in) outside diameter
	Thickness	Up to 0.5 mm (19.7 mil)
Printing	Printing modes [1]	4-pass bidirectional 40 m^2/hr (430 ft^2/hr), 10-pass bidirectional 14.7 m^2/hr (158 ft^2/hr)
	Print resolution	1200 x 1200 dpi
	Margins	Top x bottom x left x right: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)
	Printheads	6 (2 x yellow/black, 2 x cyan/light cyan, 2 x light magenta/magenta)
Dimensions (w x d x h)	Printer: 3581 x 730 x 1377 mm (141 x 29 x 54 in), Shipping: 3850 x 1100 x 1675 mm (151.6 x 43.3 x 65.9 in)	
Weight	Printer: 380 kg (837 lb), Shipping: 629 kg (1387 lb)	
What's in the box	HP Designjet L28500 Printer, printheads, printhead cleaning kit, ink maintenance kit, cleaning container, Original HP sample media, printer stand, take-up reel, 61-in loading accessory, 104-in loading accessory, edge holder, 3-phase voltage kit, waste management diverter, setup tool, user maintenance kit, quick reference guide, documentation software.	
Environmental ranges	Operating temperature: 15 to 30°C (59 to 86°F), Storage temperature: -25 to 55°C (-13 to 131°F)	
	Operating humidity: 30 to 80% RH (non-condensing)	
Acoustic	Sound pressure, active: 61 dB(A), standby: 45 dB(A)	
Power consumption	Maximum:8 to 10 kW maximum (only when warming up), Active: 4.2 kW, Powersave: < 64 watts	
	Power requirements	Input voltage: 3-phase, 200 to 240 VAC (+/- 10%), 40 A or 380 to 415 VAC (-10% +6%), 24 A; 50/60 Hz (+/- 3 Hz)
Certification	Safety	USA and Canada (CSA certified), EU (LVD and EN 60950-1 compliant), Russia (GOST), China (CCC)
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules),Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC)
	Environmental	WEEE, EU RoHS, China RoHS, REACH, EuP, FEMP
Warranty	One-year limited hardware warranty; 8-hour, 5 days a week phone support	

Ordering information

Product	CQ871A	HP Designjet L28500 104-in Printer
Accessories	CZ277A	HP Designjet L28500 (104-in Printer) 3-in Spindle
	CZ278A	HP Designjet 104-in Media Loading Accessory
	CR765A	HP Designjet 61-in Media Loading Accessory
	CQ201A	HP Designjet L2x500 User Maintenance Kit
	B2W90A	HP Designjet L26500/28500 Platen Cover
Original HP printheads	CN702A	HP 792 Yellow/Black Designjet Printhead
	CN703A	HP 792 Cyan/Light Cyan Designjet Printhead
	CN704A	HP 792 Light Magenta/Magenta Designjet Printhead
Original HP ink cartridges	CN705A	HP 792 775-ml Black Latex Designjet Ink Cartridge
	CN706A	HP 792 775-ml Cyan Latex Designjet Ink Cartridge
	CN707A	HP 792 775-ml Magenta Latex Designjet Ink Cartridge
	CN708A	HP 792 775-ml Yellow Latex Designjet Ink Cartridge
	CN709A	HP 792 775-ml Light Cyan Latex Designjet Ink Cartridge
	CN710A	HP 792 775-ml Light Magenta Latex Designjet Ink Cartridge
Original HP maintenance supplies	CR278A	HP 792 Designjet Printhead Cleaning Kit
	CR279A	HP 792 Designjet Ink Maintenance Kit
	CH622A	HP 789/792 Designjet Printhead Cleaning Container
Original HP printing materials	CH003B	HP PVC-free Wall Paper – 1372 mm x 30.5 m (54 in x 100 ft)
	CR693A	HP Double-sided HDPE Reinforced Banner [5] - 1524 mm x 45.7 m (60 in x 150 ft)
	CG421A	HP Photo-realistic Poster Paper [5] - 1524 mm x 61 m (60 in x 200 ft)
	CR663A	HP Backlit Polyester Film [5] - 1524 mm x 30.5 m (60 in x 100 ft)
	For the entire HP Large Format Printing Materials portfolio, please see **www.hp.com/go/LFprintingmaterials**	
Service and support	U0L97E	HP 3 year Next business day Designjet L28500 104-in Hardware Support
	U0L98E	HP 3 year 4 hour 13x5 Designjet L28500 104-in Hardware Support
	U0M13PE	HP 1 year Post warranty Next business day Designjet L28500 104-in Hardware Support
	U0M14PE	1 year Post warranty 4 hour 13x5 Designjet L28500 104-in Hardware Support

[1] The HP Designjet L28500 Printer produces an extremely broad range of both outdoor and indoor applications at speeds up to 70% faster than the HP Designjet L26500 and L25500 from a single device, which surpasses the number of different applications that traditional eco-solvent printers or water-based printers can produce.

[2] For best results, print on media that does not let the ink trespass onto the printer. Performance may vary depending on media. Please consult your media supplier for compatibility details.

[3] Durability comparison based on testing of representative eco-solvent inks including eco-sol Max inks on Avery SA vinyl for display permanence and scratch, rub/abrasion, and chemical resistance. HP image permanence and scratch, smudge, and water resistance estimates by HP Image Permanence Lab on a range of media including HP printing materials. See **www.hp.com/go/supplies/printpermanence**.

[4] For best results use media options intended for double-sided printing.

[5] 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 **www.hp.com/recycle** for details.

[6] Special ventilation is not required to meet U.S. OSHA requirements on occupational exposure to VOCs from HP Latex Inks. Special ventilation equipment installation is at the discretion of the customer – no specific HP recommendation is intended. Customers should consult state and local requirements and regulations.

[7] Visit **www.hp.com/recycle** to see how to participate and for HP Planet Partners program availability; program may not be available in your area. Where this program is not available, consult the Material Safety Data Sheet (MSDS) available at **www.hp.com/go/ecodata** to determine appropriate disposal.

[8] Per internal HP testing based on the amount of ink used during the recommended ink mainte-nance routines comparing the HP Latex Ink printing system to certain eco-solvent ink systems.

[9] Some substrates may have inherent odor.

[10] HP image permanence and scratch, smudge, and water resistance estimates by HP Image Permanence Lab on a range of media including HP printing materials. See **www.hp.com/go/supplies/printpermanence**.

[11] Speed based on printing using full width 264 cm/104 in.

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