



# HP Designjet Z5400 PostScript® ePrinter

The first multi-roll ePrinter for graphics to produce high-quality, long-lasting prints efficiently



## Fast delivery with two rolls and a smart workflow

- Be ready—meet urgent requests using the first ePrinter for graphics with multi-roll and smart media switching.
- Increase uptime with fewer roll changes and useful notifications for ink levels, firmware updates, and more.
- Preview, crop, and print PDF, PostScript®, HP-GL/2, TIFF, and JPEG files fast, using HP Instant Printing PRO.
- Shorten your turnaround times with a 320 GB hard drive, borderless printing<sup>1</sup>, and fast-drying HP Photo Inks.

## Quality and durability to impress your customers

- Create in-house posters, photos, canvases, backlit prints, indoor signs, POS posters, line drawings, and maps.
- Impress customers with top quality black-and-white images, using three shades of black HP Photo Inks.
- Achieve smooth color tones thanks to HP Multi-Dimensional Smart Drop Placement Technology.
- Expand your offerings with water-resistant prints that last up to 200 years, using HP Photo Inks<sup>2</sup>.

## Easy, efficient operation backed by HP reliability

- Simplify your operation with USB flash drive and e-mail printing<sup>3</sup>, a color touchscreen, and print preview.
- Ensure color reliability with HP Professional PANTONE® color emulation and embedded Adobe® PostScript®/PDF.
- Automatic drop detection and intelligent masking helps ensure image quality and reduces cleaning and waste.
- Use ink more efficiently thanks to an optimised ink configuration<sup>4</sup>.

## Eco Highlights

- Reduce waste—load two media widths; use best size for the job
- Help reduce unnecessary reprints with true previews before printing and with reliable colors
- Free, convenient HP ink cartridge and printhead recycling<sup>1</sup>
- Works with FSC®- and PEFC™-certified HP papers; recyclable HP media with take-back program<sup>2</sup>



<sup>1</sup> Program availability varies. Please check [hp.com/recycle](http://hp.com/recycle) for details.

<sup>2</sup> FSC® trademark license code FSC®-C017543, see [fsc.org](http://fsc.org). PEFC™ trademark license code PEFC™/29-31-198, see [pefc.org](http://pefc.org). Not all FSC®- and PEFC™-certified products are available in all regions. HP Large Format Media take-back program availability varies. Please check [hp.com/recycle](http://hp.com/recycle) for details.

Please recycle large-format printing hardware and printing supplies.  
Find out how at our website [hp.com/ecosolutions](http://hp.com/ecosolutions)

<sup>1</sup> Photo paper is required to print borderless images.

<sup>2</sup> With Original HP 772 or HP 70 Photo Inks. Display permanence rating for interior displays/away from direct sunlight, under glass by HP Image Permanence Lab on a range of HP media. Water resistance testing by HP Image Permanence Lab on a range of HP media and follows ISO 18935 method. For details, see [hp.com/go/supplies/printpermanence](http://hp.com/go/supplies/printpermanence).

<sup>3</sup> Only files in TIFF, JPEG and PDF format can be e-mailed with a size limit of 10 MB.

<sup>4</sup> Compared with the HP Designjet Z5200 Photo Printer.



1. With Aurasma installed, please go to the HP Designjet channel at <http://auras.ma/s/ke25m>
2. Without Aurasma installed, please download it:
  - a. Google Play - <http://auras.ma/s/android>
  - b. Apple Store - <http://auras.ma/s/ios>Once done, go to the HP Designjet channel at <http://auras.ma/s/ke25m>
3. Open the application and point to the image to view the HP Designjet video

## Technical specifications

<b>Print</b>	Maximum print speed <sup>5</sup>	53 m <sup>2</sup> /hr (570 ft <sup>2</sup> /hr)
	Print resolution	Up to 2400 x 1200 optimised dpi
	Margins	Roll: 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 in) (borderless on photo roll media); Sheet: 5 x 17 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in)
	Ink types	Pigment-based
	Line accuracy	+/- 0.1% <sup>6</sup>
	Minimum line width	0.04 mm (0.0015 in) (HP-GL/2 addressable)
<b>Image quality</b>	Guaranteed minimum line width	0.08 mm (0.0031 in) (ISO/IEC 13660:2001(E)) <sup>7</sup>
	Short term color stability	< 1 dE2000 in less than 5 minutes <sup>8</sup>
	Long term print-to-print repeatability	Average < 0.5 dE2000, 95% of colors < 1.4 dE2000 <sup>8</sup>
<b>Media</b>	Maximum optical density	4 L* min/2.5 D <sup>9</sup>
	Handling	Two automatic roll feeds; smart roll-switching; sheet feed; media output bin; automatic cutter <sup>10</sup>
	Size	Rolls: 279 to 1118 mm (11 to 44 in) Sheets: 210 x 279 to 1118 x 1676 mm (8.3 x 11 to 44 x 66 in) Standard sheets: A4, A3, A2, A1, A0 (A, B, C, D, E)
<b>Applications</b>	Thickness	Up to 0.5 mm (19.7 mil)
		Line drawings, Renderings, Maps, Or thophotos, Graphics design, Office Graphics, Posters, Photos, Digital fine art, Banners, Exhibition, event graphics, Light boxes - film, Point of sale/display
<b>Memory</b>		64 GB (virtual) <sup>11</sup> , 320 GB hard disk
<b>Connectivity</b>	Interfaces (standard)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot
	Print languages (standard)	Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG, CALS G4, HP PCL 3 GUI, HP-GL/2 and HP-RTL <sup>12</sup>
	Printing paths	Printer driver, HP Embedded Web Server, HP Instant Printing PRO, USB, email printing
	Drivers (included)	PostScript Windows and Mac drivers
<b>Dimensions (w x d x h)</b>	Printer	1770 x 721 x 1050 mm (69.7 x 28.4 x 41.3 in)
	Shipping	1930 x 770 x 710 mm (76 x 30.3 x 28 in)
<b>Weight</b>	Printer	86 kg (189 lb)
	Shipping	115 kg (253.5 lb)
<b>What's in the box</b>		HP Designjet Z5400 PostScript® ePrinter, printheads, introductory ink cartridges, printer stand and media bin, spindles, quick reference guide, setup poster, start-up software, power cord
<b>Software included</b>		Printer driver, HP Instant Printing PRO for Windows, HP Printer Utility including HP Color Center, HP Designjet Excel Accounting Tool
<b>Environmental ranges</b>	Operating temp.	5 to 40°C (41 to 104°F)
	Storage temp.	-25 to 55°C (-13 to 131°F)
	Operating humidity	20 to 80% RH (non-condensing)
<b>Acoustic</b>	Sound pressure	45 dB(A) (active); 23 dB(A) (standby)
	Sound power	6.7 B(A) (active); 4.1 B(A) (standby)
<b>Power</b>	Consumption	< 120 watts (printing); < 27 watts (ready); < 5 watts (< 22 watts with embedded Digital Front End) (sleep); 0.1 watts (off)
	Requirements	Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max
<b>Certification</b>	Safety	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia/Kazakhstan (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE)
	Electromagnetic	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC)
	Environmental	ENERGY STAR; WEEE; EU RoHS; China RoHS; REACH
<b>Warranty</b>		One-year limited hardware warranty

## Ordering information

<b>Product</b>	E1L21A	HP Designjet Z5400 44-in PostScript ePrinter
<b>Accessories</b>	CN538A	HP Designjet 3-in Core Adapter
	Q6709A	HP Designjet 44-inch Roll Feed Spindle
	J8025A	HP Jetdirect 640n Print Server
<b>Original HP printheads</b>	C9404A	HP 70 Matte Black and Cyan Printhead
	C9406A	HP 70 Magenta and Yellow Printhead
	C9407A	HP 70 Photo Black and Light Gray Printhead
<b>Original HP ink cartridges</b>	CN629A	HP 772 300-ml Magenta Designjet Ink Cartridge
	CN630A	HP 772 300-ml Yellow Designjet Ink Cartridge
	CN633A	HP 772 300-ml Photo Black Designjet Ink Cartridge
	CN634A	HP 772 300-ml Light Gray Designjet Ink Cartridge
	CN635A	HP 772 300-ml Matte Black Designjet Ink Cartridge
	CN636A	HP 772 300-ml Cyan Designjet Ink Cartridge
	C9448A	HP 70 130-ml Matte Black Ink Cartridge
	C9449A	HP 70 130-ml Photo Black Ink Cartridge
	C9451A	HP 70 130-ml Light Gray Ink Cartridge
	C9452A	HP 70 130-ml Cyan Ink Cartridge
	C9453A	HP 70 130-ml Magenta Ink Cartridge
C9454A	HP 70 130-ml Yellow Ink Cartridge	
<b>Original HP large format printing materials</b>	C6810A	HP Bright White Inkjet Paper (FSC® certified) <sup>13</sup> 914 mm x 91.4 m (36 in x 300 ft)
	Q7996A	HP Premium Instant-dry Satin Photo Paper (FSC® certified) <sup>13</sup> 1067 mm x 30.5 m (42 in x 100 ft)
	COF29A	HP Everyday Adhesive Gloss Polypropylene, 2 Pack 1067 mm x 22.9 m (42 in x 75 ft)
	C6030C	HP Heavyweight Coated Paper (PEFC™ certified) <sup>13</sup> 914 mm x 30.5 m (36 in x 100 ft)
	C2T54A	HP Premium Matte Polypropylene, 2 Pack 1067 mm x 22.9 m (42 in x 75 ft)
CH025A	HP Everyday Matte Polypropylene, 2 Pack 1067 mm x 30.5 m (42 in x 100 ft)	
<b>Service and support</b>	UOLZ3E	HP 3 year Next Business Day Onsite support <sup>15</sup>
	UOLZ6E	HP 3 year Next Business Day Onsite support with Defective Media Retention <sup>15</sup>
	UOLZ8E	HP 3 year 4-hour response, 9x5 Onsite support <sup>15</sup>
	UOMA2PE	HP 1 year Post Warranty Next Business Day Onsite support <sup>15</sup>
	UOMA3PE	HP 1 year Post Warranty Next Business Day Onsite support with Defective Media Retention <sup>15</sup>
	UOMA4PE	HP 1 year Post Warranty 4-hour response, 9x5 Onsite Support <sup>15</sup>

<sup>5</sup> Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (Bond) with HP Photo Inks.

<sup>6</sup> +/- 0.1% of the specified vector length or +/- 0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with HP Photo Inks.

<sup>7</sup> Measured on HP Matte Film.

<sup>8</sup> With HP Premium Instant Dry Photo Satin media with HP Photo Inks, right after calibration.

<sup>9</sup> With HP Premium Instant Dry Photo Gloss media with HP Photo Inks.

<sup>10</sup> Cuts all media except canvas and banners.

<sup>11</sup> Based on 768 MB RAM.

<sup>12</sup> Only available via HP Instant Printing PRO or the HP Embedded Web Server.

<sup>13</sup> FSC® trademark license code FSC®-C017543, see fsc.org. PEFC™ trademark license code PEFC™/29-31-198, see pefc.org. Not all FSC®- or PEFC™-certified products are available in all regions.

<sup>14</sup> HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See hp.com/recycle for details.

<sup>15</sup> Not available in North America and Latin America.

<sup>16</sup> Not available in Europe, Middle East, and Africa.

For more information, please visit  
[hp.com/go/DesignjetZ5400](http://hp.com/go/DesignjetZ5400)



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