

# HP Designjet Z5400 PostScript ePrinter



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



## Achieve 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 convenient status alerts 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.

## Impress your customers with top quality and durability.

- Create in-house posters, photos, canvasses, 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 colour tones thanks to HP Multi-Dimensional Smart Drop Placement Technology.
- Offer your customers durable prints that last up to 200 years, using HP Vivid Photo Inks<sup>2</sup>.

## Experience easy, efficient operation backed by HP reliability

- Simplify your operation with USB flash drive and email printing<sup>3</sup>, a colour touchscreen, and print preview.
- Ensure colour reliability with HP Professional PANTONE® colour 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>.

<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 and/or by Wilhelm Imaging Research, Inc. on a range of HP media. 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 emailed 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

# HP Designjet Z5400 PostScript ePrinter

## Technical specifications

<b>Print</b>	
<b>Print speed</b>	53 m <sup>2</sup> /hr; Maximum rate of output for colour image 100% colour coverage (Bandes file). Printed in Fast mode with Economode on, on HP Bright White Inkjet Paper (Bond), maximum roll size, with HP Vivid Photo Inks.
<b>Print resolution</b>	Up to 2400 x 1200 optimized dpi
<b>Margins (top x bottom x left x right)</b>	Roll: 5 x 5 x 5 x 5 mm (borderless on photo roll media) Sheet: 5 x 17 x 5 x 5 mm
<b>Technology</b>	HP Thermal Inkjet
<b>Ink types</b>	Pigment-based
<b>Ink colours</b>	6 (cyan, magenta, yellow, grey, matte black, photo black)
<b>Ink drop</b>	4 pl (lg, pK), 6 pl (C, M, Y, mK)
<b>Print head nozzles</b>	2112
<b>Print Heads</b>	3 (magenta and yellow, matte black and cyan, photo black and light grey)
<b>Line accuracy</b>	+/- 0.1% (+/- 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)
<b>Minimum line width</b>	0.04 mm (HP-GL/2 addressable)
<b>Guaranteed minimum line width</b>	0.08 mm (ISO/IEC 13660:2001 (E))
<b>Maximum print length</b>	91 m (application dependent)
<b>Maximum print weight</b>	11.9 kg
<b>Maximum optical density</b>	4 L* min/2.5 D
<b>Media</b>	
<b>Handling</b>	Two automatic roll feeds; smart roll-switching; sheet feed; media output bin; automatic cutter (cuts all media except canvas and banners)
<b>Types</b>	Photographic, proofing, fine art printing material, self-adhesive, banner and sign, bond and coated, backlit, fabric/textile
<b>Weight</b>	60 to 500 g/m <sup>2</sup>
<b>Size</b>	210 x 279 to 1118 x 1676 mm
<b>Thickness</b>	Up to 0.5 mm
<b>Memory</b>	
<b>Standard</b>	64 GB (virtual), Based on 768 MB RAM
<b>Hard disk</b>	Standard, 320 GB
<b>Connectivity</b>	
<b>Interfaces (standard)</b>	Gigabit Ethernet (1000Base-T); Hi-Speed USB 2.0; EIO Jetdirect accessory slot
<b>Interfaces (optional)</b>	HP Jetdirect EIO print servers
<b>Print languages (standard)</b>	Adobe® PostScript® 3, Adobe PDF 1.7, TIFF, JPEG, CALS G4, HP PCL 3 GUI, HP-GL/2 and HP-RTL (HP-GL/2 and HP-RTL only available via HP Instant Printing PRO or the HP Embedded Web Server)
<b>Drivers included</b>	PostScript Windows and Mac drivers
<b>Environmental ranges</b>	
<b>Operating temperature</b>	5 to 40°C
<b>Storage temperature</b>	-25 to 55°C
<b>Operating humidity</b>	20 to 80% RH
<b>Storage humidity</b>	0 to 95% RH
<b>Acoustic</b>	
<b>Sound Pressure</b>	45 dB(A)
<b>Sound Power</b>	6.7 B(A)
<b>Dimensions (w x d x h)</b>	
<b>Printer</b>	1770 x 721 x 1050 mm
<b>Packaged</b>	1930 x 770 x 710 mm
<b>Weight</b>	
<b>Printer</b>	86 kg
<b>Packaged</b>	115 kg
<b>Power consumption</b>	
<b>Maximum</b>	< 120 watts (printing); < 27 watts (ready); < 5 watts / < 22 watts with embedded Digital Front End (sleep); 0.1 watts (off)
<b>Power requirements</b>	Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max

## What's in the box

<b>E1L21A</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
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## Certification

<b>Safety</b>	EU (LVD and EN 60950-1 compliant); Russia/Kazakhstan (EAC)
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<b>Electromagnetic</b>	Compliant with Class B requirements: EU (EMC Directive)
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<b>Environmental</b>	ENERGY STAR®; WEEE; EU RoHS; REACH
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<b>ENERGY STAR</b>	Yes
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<b>Warranty</b>	One-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.
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## Ordering information

### Product

<b>E1L21A</b>	HP Designjet Z5400 1118mm PostScript ePrinter
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### Accessories

<b>CN538A</b>	HP Designjet 3-in Core Adapter
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<b>J8025A</b>	HP Jetdirect 640n Print Server
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<b>Q6709A</b>	HP Designjet 1118mm Roll Feed Spindle
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### Printheads

<b>C9404A</b>	HP 70 Matte Black and Cyan Printhead
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<b>C9406A</b>	HP 70 Magenta and Yellow Printhead
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<b>C9407A</b>	HP 70 Photo Black and Light Gray Printhead
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### Ink supplies

<b>C9448A</b>	HP 70 130-ml Matte Black Ink Cartridge
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<b>C9449A</b>	HP 70 130-ml Photo Black Ink Cartridge
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<b>C9451A</b>	HP 70 130-ml Light Gray Ink Cartridge
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<b>C9452A</b>	HP 70 130-ml Cyan Ink Cartridge
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<b>C9453A</b>	HP 70 130-ml Magenta Ink Cartridge
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<b>C9454A</b>	HP 70 130-ml Yellow Ink Cartridge
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<b>CN629A</b>	HP 772 300-ml Magenta Designjet Ink Cartridge
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<b>CN630A</b>	HP 772 300-ml Yellow Designjet Ink Cartridge
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<b>CN633A</b>	HP 772 300-ml Photo Black Designjet Ink Cartridge
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<b>CN634A</b>	HP 772 300-ml Light Gray Designjet Ink Cartridge
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<b>CN635A</b>	HP 772 300-ml Matte Black Designjet Ink Cartridge
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<b>CN636A</b>	HP 772 300-ml Cyan Designjet Ink Cartridge
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### Media supplies

<b>COF29A</b>	HP 2-pack Everyday Adhesive Gloss Polypropylene-1067 mm x 22.9 m (42 in x 75 ft)
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<b>C2T54A</b>	HP 2-pack Premium Matte Polypropylene-1067 mm x 22.9 m (42 in x 75 ft)
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<b>C6030C</b>	HP Heavyweight Coated Paper-914 mm x 30.5 m (36 in x 100 ft)
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<b>C6810A</b>	HP Bright White Inkjet Paper-914 mm x 91.4 m (36 in x 300 ft)
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<b>CHO25A</b>	HP 2-pack Everyday Matte Polypropylene-1067 mm x 30.5 m (42 in x 100 ft)
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<b>Q7996A</b>	HP Premium Instant-dry Satin Photo Paper-1067 mm x 30.5 m (42 in x 100 ft)
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### Service & support

<b>UOLZ3E</b>	- HP 3 year Next Business Day Designjet Z5400ps-44in Hardware Support
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<b>UOLZ8E</b>	- HP 3 year 4 hour 9x5 Designjet Z5400ps-44in Hardware Support
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<b>UOLZ4E</b>	- HP 4 year Next Business Day Designjet Z5400ps-44in Hardware Support
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<b>UOLZ5E</b>	- HP 5 year Next Business Day Designjet Z5400ps-44in Hardware Support
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<b>UOMA2PE</b>	- HP 1 year Post Warranty Next Business Day Designjet Z5400ps-44in Hardware Support
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<b>UOMA4PE</b>	- HP 1 year Post Warranty 4 hour 9x5 Designjet Z5400ps-44in Hardware Support
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<b>UOMA6PE</b>	- HP 2 year Post Warranty Next Business Day Designjet Z5400ps-44in Hardware Support
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HP Designjet Support Services offer solutions for business critical environments - installation, extended support and maintenance, as well as variety of value added services. For more information, please visit [hp.com/go/designjet/support](http://hp.com/go/designjet/support).

Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. For more information, visit [hp.com/go/OriginalHPinks](http://hp.com/go/OriginalHPinks).



For the entire HP Large Format Printing Materials portfolio, please see [globalBMG.com/hp](http://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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