



# HP DesignJet SD Pro MFP

Highly productive 44-in MFP for fast and detailed document reproduction



## Detailed document reproduction with CIS technology

- Scan and copy everyday documents and maps at high speeds without fringing, using advanced CIS technology.
- Eliminate unwanted shadows and backgrounds with the new dual-illuminating system in CIS technology.
- Produce high-quality results with crisp text, scan resolution up to 1200 dpi, copy resolution up to 2400 dpi.
- Create large-format color and black-and-white scans and copies up to 44 inches (1118 mm) wide.

## A fast SD scanner designed to streamline workflows

- Scan fast—up to 6 inches (152 mm) per second in color and 13 inches (330 mm) per second in black-and-white.
- Accelerate workflows. Save scans as PDF, TIFF, JPEG, or DWF files. Do batch scanning. Create multipage PDFs.
- Easily share images. Scan to email, USB, network—or print with the HP DesignJet T1300 44-in PostScript® Printer.
- Preview and enhance images using the large 15.6-inch (396 mm) touchscreen all-in-one PC.

## Reliable dual-roll PostScript® 44-in printer

- Print on different paper types and sizes seamlessly, and save time using two rolls with smart switching.
- Save space. Use the eight-level adjustable scanner stand to create a single footprint by positioning the scanner directly above your printer.
- Process files in parallel with a 160 GB hard disk, 32 GB virtual memory, and 2 GB scan processing.
- Get trusted, secure connectivity with built-in Gigabit Ethernet, advanced access control, IPv6 and IPsec.



## Eco Highlights

- Save paper with two roll configuration, print image nesting, blank print area detection, image auto rotate, and realistic print previews
- Less ink wasted thanks to efficient installation and maintenance routines
- Free, convenient cartridge and printhead recycling<sup>1</sup>

<sup>1</sup> 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)

## Technical specifications

HP DesignJet T1300 PostScript® printer	
<b>Print</b>	Line drawings <sup>1</sup> 28 sec/page on A1/D, 103 A1/D prints per hour Print resolution Up to 2400 x 1200 optimized dpi Margins (top x bottom x left x right) Roll: 5 x 5 x 5 mm (0.2 x 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 Dye-based (C, G, M, Pk, Y); pigment-based (mk) Ink cartridges Cyan, gray, magenta, matte black, photo black, yellow Line accuracy +/- 0.1% <sup>2</sup> Minimum line width 0.02 mm (0.0008 in) (HP-GL/2 addressable) Guaranteed minimum line width 0.06 mm (0.0024 in) (ISO/IEC 13660:2001(E)) <sup>3</sup>
<b>Media</b>	Handling Sheet feed, two automatic roll feeds, automatic roll-switching, automatic cutter 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) Thickness Up to 0.8 mm (31.5 mil)
<b>Applications</b>	Line drawings, Renderings, Presentations, Maps, Orthophotos
<b>Memory</b>	32 GB (virtual) <sup>4</sup> , 160 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, HP-GL/2, TIFF, JPEG, CALS G4, HP PCL 3 GUI Printing paths Printer driver, HP DesignJet ePrint & Share, HP Embedded Web Server, direct printing from USB flash drive, email printing
<b>Acoustic</b>	Sound pressure 43 dB(A) (printing); 29 dB(A) (ready) Sound power 6.1 B(A) (printing); 4.7 B(A) (ready); 5.6 B(A) (sleep)
<b>Power</b>	Consumption < 120 watts (printing); < 27 watts (ready); < 7 watts (< 25 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 (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); Korea (KATS) 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 ENERGY STAR, WEEE, EU RoHS, China RoHS, REACH, FEMP, EPEAT Bronze
HP DesignJet SD Pro Scanner (CIS scan technology)	
<b>Scan and copy</b>	Scan speed Color: up to 15 cm/sec (6 in/sec) Grayscale: up to 33 cm/sec (13 in/sec) Enhanced resolution 9600 dpi Optical resolution 1200 dpi Maximum scan width 1118 mm (44 in) Scan input modes On the touchscreen: scan preview, scan to file, scan to email, scan to USB, scan to print, scan to FTP, copy, batch scanning, batch copying, collate copy, copy to simultaneous printers
<b>Media</b>	Handling Straight-through scan paper path for sheet and cardboard originals Size Up to 1168 mm (46 in) wide Thickness Up to 2 mm (0.08 in)
<b>Memory</b>	Scanner 2 GB memory, 500 GB hard disk
<b>Connectivity</b>	Interfaces (standard) Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified,
<b>Acoustic</b>	Sound pressure 62 dB(A) (scanning); 30 dB(A) (ready); 30 dB(A) (sleep) Sound power 6.4 B(A) (scanning); 3.3 B(A) (ready); 3.3 B(A) (sleep)
<b>Power</b>	Consumption 47 watts (scanning); 32 watts (ready); 1.8 watts (sleep) Requirements Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz, 5 A max
<b>Certification</b>	Safety USA and Canada (UL certified); EU (LVD and EN 60950-1 compliant); Russia (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); Korea (KC) Electromagnetic Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (MSIP), Russia (EAC) Environmental ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT Bronze
Others Details	
<b>Dimensions (w x d x h)</b>	MFP 1770 x 1470 x 1500 mm (69.6 x 57.9 x 59.1 in) Shipping 1930 x 766 x 1390 mm (76 x 30.2 x 54.7 in)
<b>Weight</b>	MFP 146 kg (321 lb) Shipping 194 kg (427 lb)
<b>What's in the box</b>	Printer: HP DesignJet T1300 Printer; printheads; introductory ink cartridges; printer stand; spindle; quick reference guide; setup poster; startup software; power cord Scanner: HP DesignJet SD Pro Scanner; stand; touchscreen (panel PC); quick reference guide; setup poster; copy/scan software; documentation software; Ethernet cables (x2); power cords
<b>Environmental ranges</b>	Operating temperature 5 to 40°C (41 to 104°F) Storage temperature -25 to 55°C (-13 to 131°F) Operating humidity 20 to 80% RH
<b>Warranty</b>	One-year limited hardware warranty



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## Ordering information

<b>Product</b>	L3581A	HP DesignJet SD Pro MFP
<b>Printer Accessories</b>	Q6709A	HP DesignJet 44-inch Roll Feed Spindle
	J8025A	HP Jetdirect 640n Print Server
	CN538A	HP DesignJet 3-in Core Adapter
<b>Original HP printheads</b>	C9380A	HP 72 Gray and Photo Black Printhead
	C9383A	HP 72 Magenta and Cyan Printhead
	C9384A	HP 72 Matte Black and Yellow Printhead
<b>Original HP ink cartridges</b>	C9397A	HP 72 69-ml Photo Black Ink Cartridge
	C9398A	HP 72 69-ml Cyan Ink Cartridge
	C9399A	HP 72 69-ml Magenta Ink Cartridge
	C9400A	HP 72 69-ml Yellow Ink Cartridge
	C9401A	HP 72 69-ml Gray Ink Cartridge
	C9403A	HP 72 130-ml Matte Black Ink Cartridge
	C9370A	HP 72 130-ml Photo Black Ink Cartridge
	C9371A	HP 72 130-ml Cyan Ink Cartridge
	C9372A	HP 72 130-ml Magenta Ink Cartridge
	C9373A	HP 72 130-ml Yellow Ink Cartridge
	C9374A	HP 72 130-ml Gray Ink Cartridge
	CH575A	HP 726 300-ml Matte Black Ink Cartridge
<b>Original HP large format printing materials</b>	C1861A	HP Bright White Inkjet Paper (FSC® certified) <sup>5</sup> 914 mm x 45.7 m (36 in x 150 ft)
	C6567B	HP Coated Paper (PEFC™ certified) <sup>6</sup> 1067 mm x 45.7 m (42 in x 150 ft)
	C6569C	HP Heavyweight Coated Paper (PEFC™ certified) <sup>6</sup> 1067 mm x 30.5 m (42 in x 100 ft)
	Q8809A	HP Premium Satin Photo Paper (FSC® certified) <sup>5</sup> 1067 mm x 30.5 m (42 in x 100 ft)
<b>Service and Support</b>	H4518E	HP Network Installation DesignJet High-end and Midrange Service
	U7UM8E	HP 2 year Next Business Day plus Defective Media Retention Support
	U7UM9E	HP 3 year Next Business Day plus Defective Media Retention Support
	U7UN0E	HP 4 year Next Business Day plus Defective Media Retention Support
	U7UN1E	HP 5 year Next Business Day plus Defective Media Retention Support
	U7UN2PE	HP 1 year Post Warranty Next Business Day plus Defective Media Retention Support
	U7UN3PE	HP 2 year Post Warranty Next Business Day plus Defective Media Retention Support
	UIXV4E	HP Preventive Maintenance Service

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/DesignJetsupport](http://hp.com/go/DesignJetsupport).

Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide precise line accuracy as well as dark blacks and true neutral grays.<sup>7</sup>

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

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

<sup>1</sup> Mechanical printing time. Printed in Fast mode with Economy on, using HP Bright White Inkjet Paper (Bond) and Original HP inks.

<sup>2</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 Original HP inks

<sup>3</sup> Measured on HP Matte Film.

<sup>4</sup> Based on 640 MB RAM

<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). BMG trademark license code PEFC™/29-31-261, see [pefc.org](http://pefc.org). HP trademark license code PEFC™/29-31-198, see [pefc.org](http://pefc.org). Not all FSC®- or PEFC™-certified products are available in all regions.

<sup>6</sup> Can be recycled through commonly available recycling programs.

<sup>7</sup> Applicable to HP DesignJet T-series Printers and MFPs. True neutral grays produced by printers compatible with the HP Three-black ink set.

### NOTES:

-As an ENERGY STAR® Partner, HP Development Company, L.P., qualified these models as meeting the ENERGY STAR energy efficiency criterion through an EPA recognized certification body.

-These models are EPEAT registered at the Bronze level under Imaging Equipment category. See [www.epeat.net](http://www.epeat.net) for registration status by country.

For more information, please visit

[hp.com/go/DesignjetSDProMFP](http://hp.com/go/DesignjetSDProMFP)

