Data sheet

HP Designjet T3500 Production eMFP

The most productive large-format color MFP[1]—prints up to size E/A0

All your workflow needs in a high-productivity MFP

- Be the fastest—print D/A1-size pages in 21 seconds with dark blacks, neutral grays, and vivid colors[1]
- Print out your first page right away thanks to ultra-fast processing and zero warm-up time
- Copy and scan quickly with advanced features—presets, batch scanning, multipage PDFs, and scan to email
- Stay organized and avoid clutter—the integrated 100-page stacker delivers prints and copies neatly collated

A production printer for unattended, low-cost use

- Print your black-and-white drawings at the same cost per page as comparable black-and-white LED MFPs[2]
- Operate unattended thanks to two heavy rolls of up to 650 ft (200 m) and a total ink capacity of 1,800 ml
- Built for high-volume printing—rely on a robust design to fulfill the most demanding jobs
- Manage projects and control costs effectively, using embedded professional accounting features

Built for rigorous IT demands and top security

- Minimize device-management tasks and costs, using the HP Designjet Universal Print Driver
- Manage your fleet with ease, while saving time and helping to reduce costs, thanks to HP Web Jetadmin
- Protect and manage confidential jobs securely—retrieve documents at the printer with a personal PIN
- Safeguard confidential information, using a self-encrypting HDD with AES-256, Secure Disk Erase, and IPsec

Eco Highlights

- Half the energy consumption per plot than equivalent black-and-white LED MFPs[1]
- ENERGY STAR® qualified and EPEAT Bronze registered[2]
- Free, convenient HP ink cartridge and printhead recycling[3]
- FSC®-certified papers and a range of recyclable HP media with a take-back program[3]

[1]   Compared with large-format Low Volume LED MFPs with print speeds of up to 7 Arch D pages per minute.
[2]   EPEAT registered where applicable and/or supported. See epeat.net for registration status by country.
[3]   Program availability varies. Please check hp.com/recycle for details. BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit globalBMG.com/hp.

Please recycle large-format printing hardware and printing supplies.
Find out how at our website
hp.com/ecosolutions

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

Print	Line drawings[3]	21 sec/page on A1/D, 120 A1/D prints per hour
	Print resolution	Up to 2400 x 1200 optimized dpi
	Margins (top x bottom x left x right)	Roll: 3 x 3 x 3 x 3 mm (0.12 x 0.12 x 0.12 x 0.12 in) (borderless on photo papers) Sheet: 3 x 22 x 3 x 3 mm (0.12 x 0.87 x 0.12 x 0.12 in)
	Ink types	Dye-based (C, G, M, pK, Y); pigment-based (mK)
	Ink cartridges	6 (cyan, gray, magenta, matte black, photo black, yellow)
	Line accuracy	+/- 0.1%[4]
	Minimum line width	0.02 mm (0.0008 in) (HP-GL/2 addressable)
	Guaranteed minimum line width	0.07 mm (0.0028 in) (ISO/IEC 13660:2001(E))[5]
Media	Handling	Input: two automatic front-loading roll feeds; smart roll switching; rolls up to 200 m (650 ft) long each and 180 mm (7.1 in) of diameter; sheet feed Output: integrated output stacker (from A4/A to A0/E, with up to 100 A1/D-size capacity); media bin; automatic cutter Scanner: straight-through scan paper path for sheet and cardboard originals
	Size	Rolls: 279 to 914 mm (11 to 36 in) Sheets: 210 x 279 to 914 x 1219 mm (8.3 x 11 to 36 x 48 in) Standard sheets: A4, A3, A2, A1, A0 (A, B, C, D, E)
	Thickness	Up to 0.5 mm (19.7 mil)
Scan	Scan speed	Color: up to 6.35 cm/sec (2.5 in/sec) Grayscale: up to 19.05 cm/sec (7.5 in/sec)
	Scan/copy resolution	Up to 600 dpi
	Maximum scan	Size: 914 x 8000 mm (36 x 315 in) (JPEG) 914 x 5000 mm (36 x 197 in) (PDF) 610 x 15,000 mm (24 x 590.5 in) (TIFF)
	Thickness	Up to 0.8 mm (0.03 in)
Copy	Reduction/ enlargement	25 to 400%; at 1% increment
	Maximum copies	Up to 99 copies
	Copier settings	Copy quality, copy color, roll, paper output, content type, original paper type, background removal, contrast, de-skew, blueprints support, copy margin layout, full width, job queue storage mode
Applications		Line drawings, Renderings, Presentations, Maps, Orthophotos
Memory		Intel Core i5M-260 processor, 128 GB (virtual),[6] 500 GB hard disk (AES-256 encrypted, FIPS 140-2 Level 2 certified)
Connectivity	Interfaces (standard)	High-Speed USB 2.0 certified host connector Gigabit Ethernet (1000Base-T), supporting the following standards: TCP/IP, BootP/DHCP (IPv4 only), DHCPv6, TFTP (IPv4o only), SNMP (v1, v2c, v3), Apple Bonjour Compatible, FTP, WS Discovery, Embedded Web Server(HTTP, HTTPs), IPSec, SMTP (e-mail), Raw IP printing (9100, 9101, 9102), LPD, IPP, WS print, NTLM, NTLM v2, SSL/TLS, 802.1X authentication (WEP, WPA, WPA2, LEAP, PEAP, EAP-TLS)
	Print languages (standard)	HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4, HP PCL 3 GUI
	Print languages (optional)	Adobe PostScript 3; Adobe PDF 1.7
	Printing paths	HP Designjet SmartStream (optional), Printer driver, HP Embedded Web Server, direct printing from USB flash drive, email printing
	Drivers (included)	HP-GL/2, HP-RTL drivers for Windows; HP PCL 3 GUI driver for Mac OS X; PostScript Windows and Mac drivers with optional PostScript/PDF Upgrade Kit. Compatible with HP Designjet Universal Print Driver for HP-GL/2 and HP Designjet Universal Print Driver for PS (with PostScript/PDF Upgrade Kit)
Dimensions (w x d x h)	Printer	1400 x 784 x 1109 mm (55.1 x 30.9 x 43.7 in)
	Shipping	1502 x 780.5 x 804 mm (59.1 x 30.7 x 31.7 in)
Weight	Printer	114 kg (251 lb)
	Shipping	141 kg (310.8 lb)
What's in the box		HP Designjet T3500 eMFP, printhead, introductory ink cartridges, stacker, scanner calibration sheet, printer stand and media bin, spindles, 3-in spindle adapter kit (x2), quick reference guide, setup poster, startup software, power cord
Environmental ranges	Operating temperature	5 to 40ºC (41 to 104ºF)
	Storage temperature	-25 to 55ºC (-13 to 131ºF)
	Operating humidity	20 to 80% RH
Acoustic	Sound pressure	50 dB(A) (printing); 38 dB(A) (ready); < 15 dB(A) (sleep)
	Sound power	6.8 B(A) (printing); 5.6 B(A) (ready); < 3.4 B(A) (sleep)
Power	Consumption	<120 watts (printing); < 2 watts (< 7 watts with embedded Digital Front End) (sleep); 0 watts (off)
	Requirements	Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A
Certification	Safety	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); Korea (KC)
	Electromagnetic	Compliant with Class A 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 (MSIP)
	Environmental	ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT Bronze
Warranty	B9E24A	90-day limited hardware warranty. (US and Canada)
	B9E24B	Three-year limited hardware warranty. (US and Canada); One-year limited hardware warranty. (Latin America)

Ordering information

Product	B9E24A	HP Designjet T3500 36-in Production eMFP[7]
	B9E24B	HP Designjet T3500 36-in Production eMFP[8]
Accessories	C0C66A	HP Designjet PostScript/PDF Upgrade Kit
	G8B09A	HP Designjet T3500 36-in Spindle
	E2P02A	HP SmartStream Preflight Manager for HP Designjet
	E2W16A	HP SmartStream Print Controller for HP Designjet T3500 Production eMFP
Original HP printheads	B3P06A	HP 727 Designjet Printhead
Original HP ink cartridges	C1Q13A	HP 764 300-ml Cyan Designjet Ink Cartridge
	C1Q14A	HP 764 300-ml Magenta Designjet Ink Cartridge
	C1Q15A	HP 764 300-ml Yellow Designjet Ink Cartridge
	C1Q16A	HP 764 300-ml Matte Black Designjet Ink Cartridge
	C1Q17A	HP 764 300-ml Photo Black Designjet Ink Cartridge
	C1Q18A	HP 764 300-ml Gray Designjet Ink Cartridge
Original HP large format printing materials	C6810A	HP Bright White Inkjet Paper (FSC® certified)[9] [10] 914 mm x 91.4 m (36 in x 300 ft)
	C6980A	HP Coated Paper (PEFC™ certified)[9] [10] 914 mm x 91.4 m (36 in x 300 ft)
	C6030C	HP Heavyweight Coated Paper (PEFC™ certified)[9] [10] 914 mm x 30.5 m (36 in x 100 ft)
	Q1421B	HP Universal Satin Photo Paper 914 mm x 30.5 m (36 in x 100 ft)

Service and support[11]

H4518E	HP Installation Service with Network Setup
U1ZX9E	HP 3 year Next Business Day Onsite Support with DMR[12, 13]
U1ZY0E	HP 5 year Next Business Day Onsite Support with DMR[13]
U1ZY1PE	HP 1 year Post Warranty, Next Business Day Onsite Support with DMR[13]
U1ZY2PE	HP 2 year Post Warranty, Next Business Day Onsite Support with DMR[13]
U1XV4E	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/designjet/support.

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.[14] For more information, visit hp.com/go/OriginalHPinks.

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

[1] Compared with large-format color MFPs under $25,000 USD. Based on the fastest-rated color speeds as published by manufacturers as of January 2014. Test methods vary.
[2] Compared with large-format Low Volume LED MFPs with print speeds of up to 7 Arch D pages per minute.
[3] Mechanical printing time. Printed in Fast mode, using HP Bright White Inkjet Paper (Bond) and Original HP inks.
[4] +/- 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.
[5] Measured on HP Matte Film.
[6] Based on 2.5 GB RAM.
[7] 90-day limited hardware warranty. (US and Canada).
[8] Three-year limited hardware warranty. (US and Canada); One-year limited hardware warranty. (Latin America)
[9] BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. BMG trademark license code PEFC™/29-31-261, see pefc.org. HP trademark license code PEFC™/29-31-198, see pefc.org. Not all FSC®- or PEFC™-certified products are available in all regions.
[10] Can be recycled through commonly available recycling programs.
[11] HP Service portfolio available only for B9E24B HP Designjet T3500 36-in Production eMFP, HP Service portfolio not available in Latin America.
[12] This HP Service not available in US and Canada.
[13] Defective Media Retention keeps your sensitive data safe. To comply with security regulations you can keep the defective hard-drive or data-retentive memory component while getting a new replacement disk or memory.
[14] True neutral grays produced by printers compatible with the HP Three-black ink set.

For more information, please visit
hp.com/go/DesignjetT3500