

# HP Designjet T3500 Production eMFP

The most productive large-format color MFP<sup>1</sup>—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<sup>1</sup>
- 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<sup>2</sup>
- 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<sup>1</sup>
- ENERGY STAR<sup>®</sup> qualified and EPEAT Bronze registered<sup>2</sup>
- Free, convenient HP ink cartridge and printhead recycling<sup>3</sup>
- FSC<sup>®</sup>-certified papers and a range of recyclable HP media with a take-back program<sup>3</sup>



<sup>1</sup> Compared with large-format Low Volume LED MFPs with print speeds of up to 7 Arch D pages per minute.

<sup>2</sup> EPEAT registered where applicable and/or supported. See [epeat.net](http://epeat.net) for registration status by country.

<sup>3</sup> Program availability varies. Please check [hp.com/recycle](http://hp.com/recycle) for details. BMG trademark license code FSC<sup>®</sup>-C115319. See [fsc.org](http://fsc.org). HP trademark license code FSC<sup>®</sup>-C017543. See [fsc.org](http://fsc.org). Not all FSC<sup>®</sup>-certified products are available in all regions. For information about HP large format printing materials, please visit [globalBMG.com/hp](http://globalBMG.com/hp).

Please recycle large-format printing hardware and printing supplies.

Find out how at our website  
[hp.com/ecosolutions](http://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

Improve productivity with the fastest MFP on the market<sup>1</sup> for all your black-and-white and color needs. Enjoy unattended operation at costs rivaling similar black-and-white LED MFPs.<sup>2</sup> This MFP is built for rigorous IT demands and top security.



HP Three-black ink set

## Exceptional results for all your printing needs

Produce exact detail and precise, accurate line quality. Using the **HP Three-black ink set**, the printing system produces black-and-white images with low grain and accurate gray tones over the entire range from white to rich, deep blacks.

The HP Designjet T3500 Production eMFP delivers outstanding quality—with **vivid colors**—using six Original HP inks.

## High productivity in black-and-white and color

Be the fastest—print D/A1-size pages in 21 seconds with dark blacks, neutral grays, and vivid colors.<sup>1</sup> Print out your first page right away and easily manage complex jobs.

Quickly print, copy, and scan from one device thanks to ultra-fast file processing with the powerful controller that has an Intel i5 Core processor, 500 GB hard disk, and 128 GB virtual memory (based on 2.5 GB RAM).

## Built for rigorous IT demands and top security

Easily integrate the HP Designjet T3500 Production eMFP into your demanding IT environment. Simplify management and minimize costs using HP Web Jetadmin and the HP Designjet Universal Print Driver. Safeguard private information—including output protected by a personal PIN.

The **HP Designjet Universal Print Driver (UPD)** provides users and administrators with a standardized, one-driver solution for their printing needs. Instead of installing and managing individual drivers for each printer model, administrators can install the HP Designjet UPD for use with a variety of HP large format printers. With only one package to manage,<sup>3</sup> testing and internal certification of print drivers is simplified by the use of the HP Designjet UPD. Time spent on installation, both on servers and workstations, is greatly reduced, and hard drive space formerly occupied by many product-specific drivers is now diminished significantly.

To learn more visit [hp.com/go/designjetupd](http://hp.com/go/designjetupd)

Manage your entire printing fleet with one solution. **HP Web Jetadmin** allows you to remotely install, configure, monitor, maintain, troubleshoot, and help secure your printing environment—ultimately increasing business productivity by helping you save time, control costs, and protect your investment.

To learn more visit [hp.com/go/wja](http://hp.com/go/wja)



### Security

The below features make the HP Designjet T3500 Production eMFP particularly well suited for deployment into environments where confidential documents are printed, providing important features including secure network management, secure data transfer, controlled printer access, and secure data erasure.

Important security features include:

#### • PIN printing

- Safeguard the data in transit with **IPsec** (Internet Protocol Security)
- Safeguard the data in your printer with a **self-encrypting 500GB HDD that supports AES256 encryption** (FIPS 140-2 level-2), and **Secure Disk Erase**

## End-to-end workflow efficiency with HP Designjet SmartStream



HP Designjet SmartStream

Especially designed for corporate reprographic departments in enterprises and repro houses looking for correct and easy PDF management, **HP Designjet SmartStream** is a professional software solution that cuts job preparation time by up to 50% on complex jobs,<sup>4</sup> and avoids reprints with accurate print previews.

Rely on true and correct PDF management. Increase productivity and efficiency with the high-speed rendering of complex PDF files, achieve consistently accurate and reliable results, and deal with potential problems before they are printed.

Reduce preparation time by up to 50% on multipage jobs,<sup>4</sup> and manage your workflow from a single-screen view. Manage complex jobs with a user-friendly interface. Prepare and send jobs to all connected HP Designjet technical production printers in your fleet.

Fully control your printing workflow and achieve consistent, accurate results with HP Crystal Preview Technology. Rely on continuous assistance from job preparation to printing, and easily integrate production accessories to keep business moving.

To learn more visit [hp.com/go/Designjetsmartstream](http://hp.com/go/Designjetsmartstream)

“Adobe welcomes the HP Designjet SmartStream solution as a major step forward for HP customers who need to manage their large-format production workflows. HP Designjet SmartStream’s True PDF Management harnesses all the strengths of PDF, the industry’s most robust imaging model, in an end-to-end PDF workflow. At its core is the Adobe PDF Print Engine 3,<sup>5</sup> our market-leading rendering technology. We are confident that HP customers who deploy HP Designjet SmartStream can quickly capitalize on the benefits: more streamlined workflows, greater output speeds, and a high degree of predictability for even the most complex jobs.”

—Raman Nagpal, Senior Director, Print and Scan Business at Adobe Systems

## HP Designjet T3500 Production eMFP



1. Stay organized and avoid clutter—the **integrated 100-page stacker** delivers prints and copies neatly collated
2. True front loading of two heavy **rolls up to 650 ft (200 m) long**
3. **Six Original HP inks** (300-ml ink cartridges)
4. **Copy and scan easily and productively:**
  - Fast scanner (up to 2.5 in/sec color, 7.5 in/sec grayscale)
  - Combined with a powerful controller for ultra-fast file processing
  - Advanced features: presets, batch scanning, scan to e-mail, multipage PDF
5. Print speed: **A1/D-size pages in 21 seconds**, both in black-and-white and color

## Technical specifications

<b>Print</b>	Line drawings <sup>5</sup>	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% <sup>7</sup>
	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)) <sup>8</sup>
<b>Media</b>	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) in 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)
<b>Scan</b>	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)
<b>Copy</b>	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
<b>Applications</b>	Line drawings, Renderings, Presentations, Maps, Orthophotos	
<b>Memory</b>	Intel Core i5M-260 processor, 128 GB (virtual), <sup>9</sup> 500 GB hard disk (AES-256 encrypted, FIPS 140-2 Level 2 certified)	
<b>Connectivity</b>	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, FTP (IPv4 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)
<b>Dimensions (w x d x h)</b>	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)
<b>Weight</b>	Printer	114 kg (251 lb)
	Shipping	141 kg (310.8 lb)
<b>What's in the box</b>	HP Designjet T3500 eMFP, printhead, introductory ink cartridges, stacker, scanner calibration sheet, printer stand and media bin, spindles, 1-3 in spindle adapter kit (x2), quick reference guide, setup poster, startup software, power cord	
<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>Acoustic</b>	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)
<b>Power</b>	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
<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 (NVE); 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
<b>Warranty</b>	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

<b>Product</b>	B9E24A	HP Designjet T3500 36-in Production eMFP <sup>10</sup>
	B9E24B	HP Designjet T3500 36-in Production eMFP <sup>11</sup>
<b>Accessories</b>	COC66A	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
<b>Original HP printheads</b>	B3P06A	HP 727 Designjet Printhead
<b>Original HP ink cartridges</b>	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
<b>Original HP large format printing materials</b>	C6810A	HP Bright White Inkjet Paper (FSC® certified) <sup>12</sup> ♻️ <sup>13</sup> 914 mm x 91.4 m (36 in x 300 ft)
	C6980A	HP Coated Paper (PEFC™ certified) <sup>12</sup> ♻️ <sup>13</sup> 914 mm x 91.4 m (36 in x 300 ft)
	C6030C	HP Heavyweight Coated Paper (PEFC™ certified) <sup>12</sup> ♻️ <sup>13</sup> 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<sup>14</sup>

H4518E	HP Installation Service with Network Setup
U1ZX9E	HP 3 year Next Business Day Onsite Support with DMR <sup>15,16</sup>
U1ZY0E	HP 5 year Next Business Day Onsite Support with DMR <sup>16</sup>
U1ZY1PE	HP 1 year Post Warranty, Next Business Day Onsite Support with DMR <sup>16</sup>
U1ZY2PE	HP 2 year Post Warranty, Next Business Day Onsite Support with DMR <sup>16</sup>
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](http://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.<sup>17</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 [globalBMG.com/hp](http://globalBMG.com/hp).

Choose from a range of third-party solutions like OpCenter and SCP to streamline your digital printing and scanning operations.

- 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.
- Compared with large-format Low Volume LED MFPs with print speeds of up to 7 Arch D pages per minute.
- HP Designjet Universal Print driver is available for two printing languages: HP-GL/2 (one package) and PostScript (a different package) for those HP Designjet printers that support or have been upgraded to support PS/PDF.
- Conclusion based on an HP internal test measuring the time required to extract pages from a 50-page document and print them using several printers compared with using equivalent software programs.
- Adobe® PDF Print Engine 3 is the next-generation rendering platform, optimized for end-to-end PDF workflows. Adobe® PDF Print Engine 3 combines performance optimizations with a new scalability framework to power high-speed digital presses, large-format printers, and CTP platesetters. PDF Print Engine 3 is the fastest rendering platform for reliable reproduction of complex, graphically rich content. To learn more, visit [adobe.com/products/pdf/printengine.html](http://adobe.com/products/pdf/printengine.html).
- Mechanical printing time. Printed in Fast mode, using HP Bright White Inkjet Paper (Bond) and Original HP inks.
- +/- 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.
- Measured on HP Matte Film.
- Based on 2.5 GB RAM.
- 90-day limited hardware warranty. (US and Canada).
- Three-year limited hardware warranty. (US and Canada); One-year limited hardware warranty. (Latin America).
- 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.
- Can be recycled through commonly available recycling programs.
- HP Service portfolio available only for B9E24B HP Designjet T3500 36-in Production eMFP, HP Service portfolio not available in Latin America.
- This HP Service not available in US and Canada.
- 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.
- True neutral grays produced by printers compatible with the HP Three-black ink set.



For more information, please visit [planandprint.com/equipment-sales/hewlett-packard/](http://planandprint.com/equipment-sales/hewlett-packard/)



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