**Data sheet**

# HP DesignJet T3500 Production Multifunction Printer

## 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<br>Output: integrated output stacker (from A4/A to A0/E, with up to 100 A1/D-size capacity); media bin; automatic cutter<br>Scanner: straight-through scan paper path for sheet and cardboard originals |
| | Size | Rolls: 279 to 914 mm (11 to 36 in)<br>Sheets: 210 x 279 to 914 x 1219 mm (8.3 x 11 to 36 x 48 in)<br>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)<br>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)<br>914 x 5000 mm (36 x 197 in) (PDF)<br>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<br>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 SmartStream software for HP DesignJet printers (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 Multifunction Printer, 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 Multifunction Printer[7] |
| | B9E24B | HP DesignJet T3500 36-in Production Multifunction Printer[8] |
| **Accessories** | C0C66A | HP DesignJet PostScript/PDF Upgrade Kit |
| | G8B09A | HP DesignJet T3500 36-in Spindle |
| | L3J69AAE | HP SmartStream Preflight Manager |
| | L3J78AAE | HP SmartStream Print Controller for HP DesignJet T3500 Production Multifunction Printer |
| **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]<br>914 mm x 91.4 m (36 in x 300 ft) |
| | C6980A | HP Coated Paper (PEFC™ certified)[9] [10]<br>914 mm x 91.4 m (36 in x 300 ft) |
| | C6030C | HP Heavyweight Coated Paper (PEFC™ certified)[9] [10]<br>914 mm x 30.5 m (36 in x 100 ft) |
| | Q1421B | HP Universal Satin Photo Paper<br>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.

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

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 Multifunction Printer, 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**

© Copyright 2017 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Adobe, PostScript, and Adobe PostScript 3 are trademarks of Adobe Systems Incorporated. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. Intel and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. Windows is a U.S. registered trademark of Microsoft Corporation. Mac and the Mac logo are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.

4AA5-0479ENA, February 2017