



HP DesignJet T3500 Production Multifunction Printer

The most productive large-format colour MFP² – prints up to size E/A0



All your workflow needs in a high-productivity MFP

- Be the fastest – print A1-size pages in 21 seconds with dark blacks, neutral greys, and vivid colours.²
- Print out your first page right away thanks to ultra-fast processing and zero warm-up time.
- Copy and scan quickly with advanced features and efficient workflow tools – presets, batch scanning, multipage PDFs, and scan to email.
- Stay organised 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.³
- Operate unattended thanks to two heavy rolls of up to 200 m (650 ft) and a total ink capacity of 1800 ml.
- Built for high-volume printing – rely on a robust design to fulfil the most demanding jobs.
- Manage projects and control costs effectively, using embedded professional accounting features.

Built for rigorous IT demands and top security

- Minimise 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.

For more information, please visit
<http://www.hp.com/go/designjett3500>

¹ Compared to other HP DesignJet T-series printers.

² Compared with large-format colour MFPs under €20,000. Based on the fastest-rated colour speeds as published by manufacturers as of January 2014. Test methods vary.

³ Compared with large-format Low Volume LED MFPs with print speeds of up to 7 Arch D pages per minute.

Technical specifications

Print	
Line drawings	21 sec/page on A1; 120 A1 prints per hour ¹
Print resolution	Up to 2400 x 1200 optimized dpi
Margins	Roll: 3 x 3 x 3 mm (borderless on photo papers) Sheet: 3 x 22 x 3 x 3 mm
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% ²
Minimum line width	0.02 mm (HP-GL/2 addressable)
Guaranteed minimum line width	0.07 mm (ISO/JEC 13660:2001(E)) ³
Media	
Handling	Input: two automatic front-loading roll feeds, smart roll switching, rolls up to 200 m long each and 180 mm of diameter, sheet feed Output: integrated output stacker (from A4 to A0, with up to 100 A1-size capacity), media bin, automatic cutter Scanner: straight-through scan paper path for sheet and cardboard originals
Size	210 to 914 mm wide sheets; 279 to 914 mm rolls; A4; A3; A2; A1; A0 standard sheets
Thickness	Up to 0.5 mm
Scan	
Scan speed	Up to 6.35 cm/sec (colour, 200 dpi); up to 19.05 cm/sec (greyscale, 200 dpi)
Scan/copy resolution	Up to 600 dpi
Maximum scan	914 x 8000 mm (JPEG) 610 x 15000 mm (TIFF) 914 x 5000 mm (PDF with optional PostScript Upgrade)
Thickness	Up to 0.8 mm
Copy	
Reduction/enlargement	25 to 400% at 1% increment
Maximum copies	Up to 99 copies
Copier settings	Copy quality; copy colour; 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; 128GB (virtual); Standard, 500 GB (AES-256 encrypted, FIPS 140-2 Level 2 certified) hard disk
Connectivity	
Interfaces (standard)	High-Speed USB 2.0 certified host connector; Gigabit Ethernet (1000Base-T)
Print languages (standard)	HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4, HP PCL 3 GUI
Printing paths	HP DesignJet SmartStream (optional), printer driver, HP Embedded Web Server, direct printing from USB flash drive, email printing
Print languages (optional)	Adobe PostScript 3; Adobe PDF 1.7
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
Shipping	1502 x 780.5 x 804 mm
Weight	
Printer	114 kg
Shipping	141 kg
What's in the box	
	HP DesignJet T3500 Production 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
Software available	
	HP Utility for Mac and HP DesignJet Utility for Windows
Environmental ranges	
Operating temperature	5 to 40°C
Storage temperature	-25 to 55°C
Operating humidity	20 to 80% RH
Acoustics	
Sound pressure	50 dB(A) (active); 38 dB(A) (standby); < 15 dB(A) (sleep)
Sound power	6.8 B(A) (active); 5.6 B(A) (standby); < 3.4 B(A) (sleep)
Power	
Consumption	< 120 watts (printing); < 2 watts / < 7 watts with embedded Digital Front End (sleep); 0 watts (off); 12 Wh per A0 (per print)
Requirements	Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A
Certification	
Safety	EU (LVD and EN 60950-1 compliant); Russia (GOST)
Electromagnetic	Compliant with Class A requirements, including: EU (EMC Directive)
Environmental	ENERGY STAR®; WEEE; EU RoHS; REACH; EPEAT Bronze
Warranty	
	B9E24A: 90-day limited hardware warranty; B9E24B: Two-year limited hardware warranty

Ordering information

Product	
B9E24A	HP DesignJet T3500 914-mm Production Multifunction Printer
B9E24B	HP DesignJet T3500 914-mm Production Multifunction Printer
Accessories	
C0C66A	HP DesignJet PostScript/PDF Upgrade Kit
E2P02A	HP SmartStream Preflight Manager for HP DesignJet
E2W16A	HP SmartStream Print Controller for HP DesignJet T3500 Production MFP
G8B09A	HP DesignJet T3500 36-in Spindle
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-914 mm x 91.4 m (36 in x 300 ft)
C6980A	HP Coated Paper-914 mm x 91.4 m (36 in x 300 ft)
C6030C	HP Heavyweight Coated Paper-914 mm x 30.5 m (36 in x 100 ft)
Service and Support	
H4518E	HP Installation Service with Network Setup
U1ZK9E	HP 3 year Next Business Day Onsite Support with Defective Media Retention
U1ZY0E	HP 5 year Next Business Day Onsite Support with Defective Media Retention
U1ZY1PE	HP 1 year Post Warranty, Next Business Day Onsite Support with Defective Media Retention
U1ZY2PE	HP 2 year Post Warranty, Next Business Day Onsite Support with Defective Media Retention
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/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. For more information, visit hp.com/go/OriginalHPInks.

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Eco Highlights

Half the energy consumption per plot than equivalent black-and-white LED MFPs¹. ENERGY STAR® qualified and EPEAT Bronze registered². Free, convenient HP ink cartridge and printhead recycling³. FSC®-certified papers and a range of recyclable HP media with a take-back programme³.

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 <http://www.epeat.net> for registration status by country.

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

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

¹ Mechanical printing time

² +/- 0.1% of the specified vector length or +/- 0.2 mm (whichever greater) at 23°C, 50-60% relative humidity, on A0 HP Matte Film in Best or Normal mode with Original HP inks

³ Measured on HP Matte Film

