

HP Designjet T3500 Production eMFP



The market's fastest colour A0-size MFP¹ with top productivity and low-cost, unattended operation.



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 colours¹.
- 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.

- Keep costs down: print your black-and-white drawings at the same cost per page as comparable black-and-white LED MFPs².
- 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.

¹ 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.

² Compared with large-format Low Volume LED MFPs with print speeds of up to 7 A1 pages per minute.



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

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Technical specifications

Print

Line drawings	21 sec/page, 120 A1 prints per hour, 60 A0 prints per hour
Print resolution	Up to 2400 x 1200 optimised dpi
Margins (top x bottom x left x right)	Roll: 3 x 3 x 3 x 3 mm (borderless on photo papers) Sheet: 3 x 22 x 3 x 3 mm
Technology	HP Thermal Inkjet
Ink types	Dye-based (C, G, M, pK, Y); pigment-based (mK)
Ink drop	6 pl (C, M, Y, G, pK); 9 pl (mK)
Print heads	1 (cyan, grey, magenta, matte black, photo black, yellow)
Line accuracy	+/- 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
Minimum line width	0.02 mm (HP-GL/2 addressable)
Guaranteed minimum line width	0.07 mm (ISO/IEC 13660:2001(E))

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
Types	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, coloured), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), backlit, self-adhesive (two-view cling, indoor paper, polypropylene, vinyl)
Size	210 to 914 mm wide sheets; 279 to 914 mm rolls A4; A3; A2; A1; A0
Weight	60 to 328 g/m ²
Thickness	Up to 19.7 mil (0.5 mm)

Scan

Scan speed	Up to 6.35 cm/sec (colour, 200 dpi); up to 19.05 cm/sec (greyscale, 200 dpi)
Resolution	600 x 600 dpi
Maximum scan size	914 x 8000 mm (JPEG); 914 x 5000 mm (PDF); 610 x 15000 mm (TIFF)
Maximum scan thickness	0.8 mm

Copy

Reduction/enlargement	25 to 400%
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

Memory

Standard	Intel Core i5M-260 processor, 128GB (virtual). Based on 2.5 GB RAM
Hard disk	Standard, 500 GB (AES-256 encrypted, FIPS 140-2 Level 2 certified)

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)

Environmental ranges

Operating temperature	5 to 40°C
Storage temperature	-25 to 55°C
Operating humidity	20 to 80% RH
Storage humidity	0 to 95% RH

What's in the box

B9E24A	HP Designjet T3500 eMFP; printhead; introductory ink cartridges; stacking tray; printer stand and media bin; spindles; 3-in spindle adapter kit; quick reference guide; setup poster; startup software; power cord
B9E24B	HP Designjet T3500 eMFP; printhead; introductory ink cartridges; stacking tray; printer stand and media bin; spindles; 3-in spindle adapter kit; quick reference guide; setup poster; startup software; power cord

Dimensions (w x d x h)

Printer	1400 x 784 x 1109 mm
Packaged	1502 x 780.5 x 804 mm

Weight

Printer	114 kg
Packaged	141 kg

Power

Power consumption	< 120 watts (printing); < 2 watts / < 7 watts with embedded Digital Front End (sleep); 0 watts (off); 12 Wh per A0 (per print)
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Power requirements	Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A
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Acoustic

Sound pressure	50 dB(A) active; 38 dB(A) standby
Sound power	6.8 B(A) active; 5.6 B(A) standby

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: 2-year limited Hardware warranty. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP award winning service and support options in your region.
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Ordering information

Product

B9E24A	HP Designjet T3500 914mm Production eMFP
B9E24B	HP Designjet T3500 914mm Production eMFP - Extended warranty

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 eMFP
G8B09A	HP Designjet T3500 36-in Spindle

Ink supplies

B3P06A	HP 727 Designjet Printhead
C1Q13A	HP 764 300-ml Cyan Ink Cartridge
C1Q14A	HP 764 300-ml Magenta Ink Cartridge
C1Q15A	HP 764 300-ml Yellow Ink Cartridge
C1Q16A	HP 764 300-ml Matte Black Ink Cartridge
C1Q17A	HP 764 300-ml Photo Black Ink Cartridge
C1Q18A	HP 764 300-ml Gray Ink Cartridge

Service & support

U1ZX9E	- HP 3 year Next Business Day Designjet T3500-B Hardware Support with Defective Media Retention
U1ZY0E	- HP 5 year Next Business Day Designjet T3500-B Hardware Support with Defective Media Retention
U1ZY1PE	- HP 1 year Post Warranty Next Business Day Designjet T3500-B Hardware Support with Defective Media Retention
U1ZY2PE	- HP 2 year Post Warranty Next Business Day Designjet T3500-B Hardware Support with Defective Media Retention

Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business—with expert support that's affordable, personal, and tailored to your needs through HP Care Pack Services.



For more information, please visit <http://www.hp.com/go/DesignjetT3500>

For more HP Large Format Media substrates and sizes please visit us online at: <http://www.hp.com/go/designjet/supplies>

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