

HP DesignJet T850 36-in Multifunction Printer

Active 2Y9H2A Series →

Specifications

All Specs

Color(s) of printing supplies	Cyan, magenta, yellow, matte black
Connectivity, standard	Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n
Copy reduce / enlarge settings	50 to 400%
Electromagnetic compatibility	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (RED Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Korea (KCC)
End of Life CO2e (kg)	2
Energy star certified	Yes
Environmental certification	ENERGY STAR, EPEAT, UL ECOLOGO® certified inks, CE marking (including WEEE, RoHS, REACH, ErP). In compliance with applicable WW RoHS materials restriction requirements.
Finished output handling	Sheet feed, roll feed, input tray (50 sheet capacity), media bin, automatic horizontal cutter
Functions	Print, copy, scan
HP ePrint capability	Yes
Ink drop	6 pl (C, M, Y); 12.6 pl (mK)
Ink types	Pigment-based (C, M, Y, mK)
Internal Storage	None
Line accuracy	±0.1%[2]
Linear scan speed	Up to 3.81 cm/sec (color, 200 dpi), up to 11.43 cm/sec (grayscale, 200 dpi)
Manufacturer Warranty	Two-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.
Maximum media thickness	Up to 0.8 mm
Maximum optical density (black)	15 L* min/1.7 D[3]
Maximum scan length	7 m[4]
Media sizes standard (metric rolls)	369 to 914 mm
Media sizes supported	Input tray: A4, A3; Manual feed: A4, A3, A2, A1, A0
Media sizes, custom	Input tray: 210 x 279 to 305 x 457 mm; Manual feed: 210 x 279 to 914 x 1676 mm
Media thickness	Up to 11.8 mil
Media thickness (metric)	Up to 0.3 mm
Media types	Bond and coated paper (bond, coated, heavyweight coated, plain, bright white, blueprint), technical paper (natural tracing), film (clear, matte), photographic paper (ID satin, ID gloss), self-adhesive (adhesive matte/gloss, adhesive polypropylene gloss), Polypropylene (matte)

Media weight, recommended	60 to 280 g/m ² (roll/manual feed); 60 to 220 g/m ² (input tray)
Media width, maximum	914 mm
Memory	2 GB
Model size	914 mm
Network ready	Standard
Non-Operating Humidity Range	0 to 95% RH
Non-printable area (cut-sheet)	5 x 5 x 5 x 5 mm
Non-printable area (roll media)	5 x 5 x 5 x 5 mm
Number of print cartridges	4 (C, M, Y, mK)
Operating altitude	Up to 3000 m
Operating humidity range	20 to 80% RH
Operating temperature range	41 to 104°F
Orderable supplies	HP Original Ink: HP 738 cartridges (Black, Cyan, Magenta, Yellow), and HP 739 printhead
Post consumer recycled plastic in hardware by weight of plastic	37%
Power	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1.2 A max
Power consumption	35 W (printing), <11 W (ready), <3.5 W (sleep), <0.1 W (standby). Auto-scheduled printer on/off usage.
Print cartridge volume delivered	300 ml, 130 ml
Print head nozzles	1376 per color; 5504 in total
Print heads	1 (C, M, Y, mK)
Print languages	TIFF, JPEG, URF, PDF, HP-GL/2, HP-RTL, CALS G4
Print multi-size files in one click	Yes
Print quality color (best)	Up to 2400 x 1200 optimized dpi
Print speed	25 sec/page on A1, 90 A1 prints per hour[1]
Print Technology	Ink
Print technology	HP Thermal Inkjet
Printer drivers included	Raster driver for macOS and Windows, HP Click Driver for Windows 11, HP-GL/2 driver for Windows
Printing path	Wi-Fi Direct, remote printing, HP Click App, HP Click Driver for Windows 11, Apple AirPrint and HP app for Android and iOS devices, Windows and macOS printer drivers, printing support for Chrome OS, print from USB pen drive
Product display name	HP DesignJet T850 Large Format 36-in Multifunction Plotter Printer with Automatic A1/D and A3/B Printing in One Device
Production CO ₂ e (kg)	1152
Recommended media	HP Universal Bond Paper (FSC® certified)[5] (recyclable)[6]; HP Coated Paper (FSC® certified)[5] (recyclable)[6]; HP Heavyweight Coated Paper (FSC® certified)[5] (recyclable)[6]
Registration required	No

Remote print enabled	Yes
Roll external diameter	100 mm
Roll maximum input	1
Roll maximum weight	6.2 kg
Safety	USA and Canada (CSA certified); EU (RED Directive, EN 62368-1 compliant); Singapore (PSB); China (CCC); Mexico (NYCE); Argentina (IRAM); India (BIS)
Scan file format	JPEG, PDF, TIFF
Scan input modes	Scan to email, network, and USB. Scan to cloud, computer, and mobile through HP app.
Scan resolution, optical	Up to 600 dpi
Scan size, maximum	914 mm x 2.77 m
Scan size, minimum	127 x 127 mm
Scanner type	Sheetfed, CIS (Contact Image Sensor), media jam detection sensor, front feed scanning method
Security features	HP Secure Boot, whitelisting, Security event logging, Disable network ports and protocols, SNMPv3, 802.1x compatibility, TLS/SSL, NTLM v2, HP Web JetAdmin, HP Security Manager, SIEM Integration
Software included	HP Click App, HP Click Driver for Windows 11, HP app for Windows, macOS, Android, and iOS
Storage temperature range	-13 to 131°F
Supported Primary Applications	Line drawings; Renderings; Presentations; Maps; Posters
Technical features	A3 input tray;1-click scan/copy;130/300 ml cartridges;Auto-power on/off scheduler;Max. resolution 2400 x 2400 dpi;Sheet organizer accessories;HP Wolf Pro Security;HP Flex Tech Inks
Theoretical minimum line width	0.02 mm (via raster driver)
Total CO2e (kg)	1270
Total CO2e (kg) note	A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.
Transportation CO2e (kg)	104
UNSPSC code	43212104
What's in the box	HP DesignJet T850 MFP, printhead, introductory ink cartridges, printer stand, spindle, guide, warranty flyer, power cord

Logistics

Minimum dimensions (W x D x H)	1407 x 701 x 967 mm
Package dimensions (W x D x H)	1575 x 570 x 650 mm
Package weight	83.5 kg
UNSPSC code	43212104
UPC number	(AB1) 198701770657; (B19) 196548313228
Weight	60 kg

What's in the box

HP DesignJet T850 MFP, printhead, introductory ink cartridges, printer stand, spindle, guide, warranty flyer, power cord

Specifications

[1] Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.

[2] $\pm 0.1\%$ of the specified vector length or ± 0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Heavyweight Coated roll feed and Original HP inks.

[3] With HP Universal Instant Dry Photo Gloss media with Original HP inks.

[4] Scanned at 200 dpi using "Long Plot" setting.

[5] BMG trademark license code FSC®-C115319, see <http://www.fsc.org>. HP trademark license code FSC®-C017543, see <http://www.fsc.org>

[6] Can be recycled through commonly available recycling programs.

Legal disclaimer

Product image may differ from actual product

AirPrint; CE marking; ENERGY STAR; EPEAT green; IPv6 Ready; Mac; Wi-Fi Certified; Windows 11 Compatible