# HP DesignJet T850 36-in Multifunction Printer with 2year Warranty



The world's easiest A3-A1 printing experience to maximize your team's agility<sup>1</sup>



\*Product image may differ from actual product

#### THE EASIEST<sup>1</sup>-Multi-size printing in one click

- Do it all-also print A3 jobs using the integrated input tray, without manually changing from roll to sheets.
- Achieve high-quality CAD and renders across print sizes with HP Flex Tech Inks.
- Avoid distractions with fewer ink interventions thanks to 130/300-ml cartridges.
- Simplify scan and copy workflows with personalized one-click shortcuts from the front panel.

#### **CONNECTED**—Secure and seamless collaboration

- Simplify printing with the new HP Click Print solutions Save time with real-print preview.3
- Protect your printer and data from cyberthreats without any effort thanks to HP Wolf Pro Security.
- Stay on task with HP  $\mbox{app}^2-\mbox{manage}$  your device and print from virtually anywhere using your mobile or tablet.
- Share drawings and collaborate with colleagues wherever they are with the easy-to-use front-loading scanner.

#### GO BEYOND-Meet office and environmental needs

- Advance environmental goals-printer is made with at least 35% recycled plastics<sup>4</sup> and recyclable supplies<sup>5</sup>.
- Invest in a robust and compact plotter that's designed to last.
- Reduce energy and ink waste-auto schedule printer on/off usage and enjoy efficient ink maintenance routines.

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

# **Messaging Footnotes**

<sup>1</sup>Based on test results using HP Click with the HP DesignJet T850. This solution enables printing in fewer steps compared to main competitor printing solutions. Printing a 5-page mixed job set with A1 and A3 takes 3 steps using HP Click vs. 12 steps with competitor A and 8 steps with competitor B. Testing performed by Sogeti, April 2023. Detailed test report is available upon request.

Requires HP app download available at https://www.hp.com/go/mobileprinting. Certain features are available in English language only and may vary by printer model/country, and between desktop/mobile applications.

HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. List of supported operating systems available in app stores.

<sup>3</sup> HP One-click printing with HP Click software. HP Click software is only compatible with Original HP ink supplies. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files. <sup>4</sup> Declared %RCP content is based on the quantity and weight of parts made with RCP resin over the total plastic parts.

<sup>5</sup> Program availability varies. See https://www.hp.com/go/recycle

For more information, please visit https://www.hp.com/go/designjet-t850-mfp



















# **Technical specifications**

Print		Native print lan
Print speed	25 sec/page on A1, 90 A1 prints per hour <sup>1</sup>	Connectivity
Print resolution	Up to 2400 x 1200 optimized dpi	Interfaces
Technology	HP Thermal Inkjet	Printing paths
Margins (roll)	5x5x5x5mm	
Margins (sheet)	5x5x5x5mm	
Ink types	Pigment-based (C, M, Y, mK)	Remote print er
Print Cartridges/Bottle, Number	4 (C, M, Y, mK) cartridges	One-click multi- Drivers
Print cartridge/bottle volume delivered	300 ml cartridge, 130 ml cartridge	Security featur
Ink drop	6 pl (C, M, Y); 12.6 pl (mK)	
Printheads	1 (C, M, Y, mK)	
Printhead nozzles	1376 per color; 5504 in total	Dimensions (W
Line accuracy	±0.1% <sup>2</sup>	Product
Minimum line width	0.02 mm (via raster driver)	Shipping
Max optical density	15 L* min/1.7 D <sup>3</sup>	Weight Product
Scan and copy	·	
Linear scan speed	Up to 3.81 cm/sec (color, 200 dpi), up to 11.43 cm/sec (grayscale, 200	Shipping
	dpi)	Included What's in the ba
Scan resolution	Up to 600 dpi	Wildtsilluleb
Technology	Sheetfed, CIS (Contact Image Sensor), media jam detection sensor, front feed scanning method	HP Software ar
Scan format	JPEG, PDF, TIFF	Environmental
Scan destinations	Scan to email, network, and USB. Scan to cloud, computer, and mobile through HP app.	Operating temp
Maximum scan width	914 mm x 2.77 m	Operating right
Maximum scan length	7 m <sup>4</sup>	
Original thickness	Up to 0.8 mm	Storage tempe
Media		Recycled plasti
Applications	Line drawings; Renderings; Presentations; Maps; Posters	Acoustics
Handling	Sheet feed, roll feed, input tray (50 sheet capacity), media bin, automatic horizontal cutter	Sound pressure Sound power
Rolls	Media rolls: 1; Roll size: 369 to 914 mm; Maximum roll weight: 6.2 kg; Maximum roll diameter: 100 mm;	Power Consumption
Maximum media width	914 mm	
Sheet size	Input tray: 210 x 279 to 305 x 457 mm; Manual feed: 210 x 279 to 914 x 1676 mm	Requirements
Standard sheets	Input tray: A4, A3; Manual feed: A4, A3, A2, A1, A0	Certification
Recommended Grammage	60 to 280 g/m² (roll/manual feed); 60 to 220 g/m² (input tray)	Safety
Thickness	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	Electromagneti
	(adheśive matte/gloss, adhesive polypropylene gloss), Polypropylene (matte)	Environmental
Embedded controller		
Memory	2 GB	Warranty
Hard disk	None	

Native print languages	TIFF, JPEG, URF, PDF, HP-GL/2, HP-RTL, CALS G4	
Connectivity		
Interfaces	Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n	
Printing paths	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	
Remote print enabled	Yes	
One-click multi-size printing	Yes	
Drivers	Raster driver for macOS and Windows, HP Click Driver for Windows 11, HP-GL/2 driver for Windows	
Security features	HP Secure Boot, Allowlisting, Security event logging, Disable network ports and protocols, SNMPv3, 802.1x compatibility, TLS/SSL, NTLM v2, HP Web JetAdmin, HP Security Manager, SIEM Integration	
Dimensions (W x D x H)		
Product	1407 x 701 x 967 mm	
Shipping	1575 x 570 x 650 mm	
Weight		
Product	60 kg	
Shipping	83.5 kg	
Included		
What's in the box	HP DesignJet T850 MFP, printhead, introductory ink cartridges, printer stand, spindle, guide, warranty flyer, power cord	
HP Software and solutions	HP Click App, HP Click Driver for Windows 11, HP app for Windows, macOS, Android, and iOS	
Environmental ranges		
Operating temperature	5 to 40°C	
Operating humidity	20 to 80% RH	
Operating altitude	Up to 3000 m	
Storage temperature	-25 to 55°C	
Recycled plastic in printer	37%	
Acoustics		
Sound pressure	Printing: 42 dB(A) (operating), <16 dB(A) (idle)	
Sound power	Printing: 5.8 B(A) (operating), <3.4 B(A) (idle)	
Power		
Consumption	35 W (printing), <11 W (ready), <3.5 W (sleep), <0.1 W (off). Auto- scheduled printer on/off usage.	
Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1.2 A max	
Certification		
Safety	USA and Canada (CSA certified); EU (RED Directive, EN 62368-1 compliant); Singapore (PSB); China (CCC); Mexico (NYCE); Argentina (IRAM); India (BIS)	
Electromagnetic	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)	
Environmental	ENERGY STAR, EPEAT, UL ECOLOGO® certified inks, CE marking (including WEEE, RoHS, REACH, ErP). In compliance with applicable WW RoHS materials restriction requirements.	
Warranty	Two-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.	

## Ordering information

**Product** 

2Y9H2H Accessories	HP DesignJet T850 36-in Multifunction Printer with 2-year Warrant
698G7A	HP DesignJet Sheet Organizer
698G8A	HP DesignJet Sheet Organizer and Stacker Kit
B3Q37A	HP DesignJet 36-in Spindle
<b>Original HP pri</b> i	nting supplies
498N0A	HP 739 DesignJet Printhead Replacement Kit
498N4A	HP 738 130-ml Black DesignJet Ink Cartridge
498N5A	HP 738 130-ml Cyan DesignJet Ink Cartridge
498N6A	HP 738 130-ml Magenta DesignJet Ink Cartridge
498N7A	HP 738 130-ml Yellow DesignJet Ink Cartridge
498N8A	HP 738 300-ml Black DesignJet Ink Cartridge
676M6A	HP 738 300-ml Cyan DesignJet Ink Cartridge
676M7A	HP 738 300-ml Magenta DesignJet Ink Cartridge
676M8A	HP 738 300-ml Yellow Design, let Ink Cartridge

Use Original HP inks and printheads, and HP large format printing materials, 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, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit https://hp.com/go/OriginalHPinks Original HP large format printing materials

HP Universal Bond Paper (FSC\* certified)<sup>5</sup> (recyclable)<sup>6</sup> HP Coated Paper (FSC\* certified)<sup>5</sup> (recyclable)<sup>6</sup> HP Heavyweight Coated Paper (FSC\* certified)<sup>5</sup> (recyclable)<sup>6</sup>

 $For the \,entire \,HP \,Large \,Format \,Printing \,Materials \,portfolio, \,please \,see \,HPLF Media.com.$ 

Service and Support

U56S0E HP 3-year Next Business Day HW Support U56S1E HP 4-year Next Business Day HW Support U56S2E HP 5-year Next Business Day HW Support

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc

### **Specification Footnotes**

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

2±01% 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 dpl 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

 $^{\rm 6}$  Can be recycled through commonly available recycling programs.

© Copyright 2025 HP Development Company, LP. 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. February 2025

