

# HP DesignJet T850 36-in Printer



The world's easiest half-size to D size printing experience to maximize your team's agility<sup>1</sup>



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

- Do it all—print half-size print jobs using the integrated input tray, without manually changing from roll to sheets.
- Achieve high-quality CAD and renders across print sizes with pigment-based HP Flex Tech Inks.
- Avoid distractions with fewer ink interventions thanks to 130/300-ml cartridges.

## CONNECTED—Work securely from virtually anywhere

- Save time with HP Click—print in fewer steps and avoid printing errors with print preview.
- Protect your printer and data from cyberthreats without any effort thanks to HP Wolf Pro Security.
- Stay on task with HP app<sup>2</sup>—manage your device and print from virtually anywhere using your mobile or tablet.

## GO BEYOND—Meet office and environmental needs

- Advance environmental goals—printer is made with at least 35% recycled plastics<sup>3</sup> and supplies can be recycled<sup>4</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.

## Sustainability in action

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>



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Edison (732) 225-4330  
Ewing (609) 882-6330  
Elmsford (914) 592-1212  
Manhattan (212) 772-0581

## 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.

<sup>2</sup>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>



Datasheet

# Technical specifications

Print	One-click multi-size printing Yes	
Print speed	25 sec/page for D size, 90 D size 24" x 36" prints per hour <sup>1</sup>	Drivers
Print resolution	Up to 2400 x 1200 optimized dpi	Raster driver for macOS and Windows, HP Click Driver for Windows 11, HP GL/2 driver for Windows
Technology	HP Thermal Inkjet	Security features
Margins	Roll: 0.2 x 0.2 x 0.2 x 0.2 in; Sheet: 0.2 x 0.2 x 0.2 x 0.2 in	HP Wolf Pro Security, HP Secure Boot, Allowlisting, Security event logging, Disable network ports and protocols, SNMPv3, 802.1x compatibility, TLS/SSL, HP Web JetAdmin, HP Security Manager, SIEM Integration
Ink types	Pigment-based (C, M, Y, mK)	Dimensions (W x D x H)
Print Cartridges/Bottle, Number	4 (C, M, Y, mK) cartridges	Printer 55.4 x 27.6 x 38.1 in
Ink drop	6 pl (C, M, Y); 12.6 pl (mK)	Shipping 62 x 22.5 x 25.5 in
Print cartridge/bottle volume delivered	300 ml cartridge, 130 ml cartridge	Weight
Printheads	1 (C, M, Y, mK)	Printer 103.6 lb
Printhead nozzles	1376 per color; 5504 in total	Shipping 156.5 lb
Line accuracy	±0.1% <sup>2</sup>	Included
Minimum line width	0.0008 in (via raster driver)	What's in the box
Max optical density	15 L* min/1.7 D <sup>3</sup>	HP DesignJet T850 Printer, printhead, introductory ink cartridges, printer stand, spindle, guide, poster, warranty flyer, power cord
Media		HP Software and solutions
Applications	Line drawings; Renderings; Presentations; Maps; Posters	HP Click App, HP Click Driver for Windows 11, HP app for Windows, macOS, Android, and iOS
Handling	Sheet feed, roll feed, input tray (50 sheet capacity), media bin, automatic horizontal cutter	Environmental ranges
Maximum media width	36 in	Operating temperature 41 to 104°F
Media rolls	1	Operating humidity 20 to 80% RH
Roll size	14.5 to 36 in	Operating altitude Up to 9843 ft
Maximum roll weight	13.6 lb	Storage temperature -13 to 131°F
Maximum roll diameter	3.9 in	Recycled plastic in printer 42%
Sheet/board size	Input tray: 8.3 x 11 to 12 x 18 in; Manual feed: 8.3 x 11 to 36 x 66 in	Acoustics
Standard sheets/boards	Input tray: A, B; Manual feed: A, B, C, D, E	Sound pressure Printing: 42 dB(A) (operating), <16 dB(A) (idle)
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)	Sound power Printing: 5.8 B(A) (operating), <3.4 B(A) (idle)
Embedded controller		Power
Memory	1GB	Consumption 35 W (printing), <5.5 W (ready), <2.5 W (sleep), <0.2 W (off). Auto-scheduled printer on/off usage.
Hard disk	None	Requirements Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1.2 A max
Native print languages	TIFF, JPEG, URF, HP-GL/2, HP-RTL, CALS G4	Certification
Connectivity		Safety USA and Canada (CSA certified); EU (RED Directive, EN 62368-1 compliant); Singapore (PSB); China (CCC); Mexico (NYCE); Argentina (IRAM); India (BIS)
Interfaces	Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n	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)
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	Environmental ENERGY STAR, EPEAT, UL ECOLOGO® certified inks, CE marking (including WEEE, RoHS, REACH, ErP). In compliance with applicable WW RoHS materials restriction requirements.
Remote print enabled	Yes	Warranty One-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.

## Ordering information

Product	
2Y9HOA	HP DesignJet T850 36-in Printer
Accessories	
698G7A	HP DesignJet Sheet Organizer
698G8A	HP DesignJet Sheet Organizer and Stacker Kit
B3Q37A	HP DesignJet 36-in Spindle
Original HP printing 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 DesignJet 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>4</sup> (recyclable)<sup>5</sup>

HP Coated Paper (FSC® certified)<sup>4</sup> (recyclable)<sup>5</sup>

HP Heavyweight Coated Paper (FSC® certified)<sup>4</sup> (recyclable)<sup>5</sup>

For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](http://HPLFMedia.com).

### Service and Support

U56R9E HP 3-year Next Business Day HW Support

U56RBE HP 4-year Next Business Day HW Support

U56RCE 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>



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## 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.

<sup>2</sup> ±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.

<sup>3</sup> With HP Universal Instant Dry Photo Gloss media with Original HP inks.

<sup>4</sup> BMG trademark license code FSC®-C115319, see <http://www.fsc.org>. HP trademark license code FSC®-C017543, see <http://www.fsc.org>

<sup>5</sup> Can be recycled through commonly available recycling programs.

