



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

The world's easiest A3-A1 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—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.

## CONNECTED—Work securely from virtually anywhere

- Save time with HP Click—print in fewer steps and avoid reprinting 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 recyclable supplies<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.

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

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>

<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> Declared %RCP content is based on the quantity and weight of parts made with RCP resin over the total plastic parts.

<sup>4</sup> Program availability varies. See <https://www.hp.com/go/recycle>

# Technical specifications

| Print                         |  |
|-------------------------------|--|
| Print speed                   | 25 sec/page on A1, 90 A1 prints per hour <sup>1</sup>  |
| Print resolution              | Up to 2400 x 1200 optimized dpi  |
| Technology                    | HP Thermal Inkjet  |
| Margins                       | Roll: 5 x 5 x 5 x 5 mm<br>Sheet: 5 x 5 x 5 x 5 mm  |
| Ink types                     | Pigment-based (C, M, Y, mk)  |
| 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  |
| Line accuracy                 | ±0.1% <sup>2</sup>   |
| Minimum line width            | 0.02 mm (via raster driver)  |
| Max optical density           | 15 L <sup>1</sup> min/1.7 D <sup>3</sup>   |
| Media                         |  |
| Handling                      | Sheet feed, roll feed, input tray (50 sheet capacity), media bin, automatic horizontal cutter  |
| Roll size                     | 369 to 914 mm  |
| Maximum roll diameter         | 100 mm   |
| Sheet size                    | Input tray: 210 x 279 to 305 x 457 mm<br>Manual feed: 210 x 279 to 914 x 1676 mm   |
| Standard sheets               | Input tray: A4, A3<br>Manual feed: A4, A3, A2, A1, A0  |
| Grammage                      | 60 to 280 g/m <sup>2</sup> (roll/manual feed); 60 to 220 g/m <sup>2</sup> (input tray)   |
| Thickness                     | Up to 0.3 mm   |
| Applications                  |  |
|                               | Line drawings; Renderings; Presentations; Maps; Posters  |
| Memory                        | 1 GB   |
| Hard disk                     | None   |
| Connectivity                  |  |
| Interfaces                    | Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n   |
| Native print languages        | TIFF, JPEG, URF, HP-GL/2, HP-RTL, CALS G4  |
| Printing paths                | Wi-Fi Direct, remote printing, Apple AirPrint and HP app for Android and iOS devices, Windows and macOS printer drivers, printing support for Chrome OS                                  |
| Drivers                       | Raster driver for macOS and Windows, HP-GL/2 driver for Windows  |
| Security features             |  |
|                               | HP Secure Boot, whitelisting, Security event logging, Disable network ports and protocols, SNMPv3, 802.1x compatibility, TLS/SSL, HP Web JetAdmin, HP Security Manager, SLEM Integration |
| Dimensions (W x D x H)        |  |
| Printer                       | 1407 x 701 x 967 mm  |
| Shipping                      | 1575 x 570 x 650 mm  |
| Weight                        |  |
| Printer                       | 47 kg  |
| Shipping                      | 71 kg  |
| What's in the box             |  |
|                               | HP DesignJet T850 Printer, printheads, ink cartridges, printer stand, spindle, guide, warranty flyer, power cord   |
| HP Software and solutions     |  |
|                               | HP Click for Windows and macOS, HP app for Windows, macOS, Android, and iOS  |
| Remote print enabled          | Yes  |
| One-click multi-size printing | Yes  |
| Environmental ranges          |  |
| Recycled plastic in printer   | 42%  |
| Operating temperature         | 5 to 40°C  |
| Operating humidity            | 20 to 80% RH   |
| Operating altitude            | Up to 3000 m   |
| Storage temperature           | -25 to 55°C  |
| Acoustics                     |  |
| Sound pressure                | 42 dB(A) (operating), <16 dB(A) (idle)   |
| Sound power                   | 5.8 B(A) (operating), <3.4 B(A) (idle)   |
| Power                         |  |
| Consumption                   | 35 W (printing), <5.5 W (ready), <2.5 W (sleep), <0.2 W (standby). 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  |  |
|--|--|
| ZY9H0H   | HP DesignJet T850 36-in Printer with 2-year Warranty |
| Accessories  |  |
| 5EK00A   | HP HD Pro 2 42-in Scanner                            |
| 5EK01A   | HP SD Pro 2 44-in Scanner                            |
| 698G7A   | HP DesignJet Sheet Organizer                         |
| 698G8A   | HP DesignJet Sheet Organizer and Stacker Kit         |
| B3Q37A   | HP DesignJet 36-in Spindle                           |
| CN538A   | HP DesignJet 3-in Core Adapter                       |
| 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.   |  |
| Service and Support  |  |
| US6R9E HP 3-year Next Business Day HW Support  |  |
| US6RBE HP 4-year Next Business Day HW Support  |  |
| US6RCE 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 <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a> |  |

<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.

