

⚠ Restricted

Pre-release product information should not be shared with customers prior to the approved release date.

Pre-release until 16 Oct 2023

⚠ Pre-release

HP DesignJet T850 36-in Printer

2Y9H0A

Maximize your team's agility with HP's easiest A3-A1 experience.[1] Simplify multi-size printing with the integrated input tray. Streamline print workflows with HP Click. And meet office and environmental needs with this compact plotter.

Active between

17 Oct 2023 - To be determined



Overview

HP's EASIEST[1]—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[2]—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[3] and recyclable supplies[4]. 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.

Specifications

Color(s) of printing supplies	Cyan, magenta, yellow, matte black
Connectivity, standard	Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n
Eco label	ENERGY STAR® certified; EPEAT registered

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)
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
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]
Manufacturer Warranty	Three-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.
Maximum optical density (black)	15 L* min/1.7 D ^[3]
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	1 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	42%
Power	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1.2 A max
Power consumption	35 W (printing), <5.5 W (ready), <2.5 W (sleep), <0.2 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, 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-GL/2 driver for Windows
Printing path	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

Product display name	HP DesignJet T850 Large Format 36-in Plotter Printer with Compact Size, Versatility for CAD And Posters, Automatic A1 and A3 Printing in One Device
Recommended media	HP Universal Bond Paper (FSC® certified)[4] (recyclable)[5];HP Coated Paper (FSC® certified)[4] (recyclable)[5];HP Heavyweight Coated Paper (FSC® certified)[4] (recyclable)[5]
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)
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, SIEM Integration
Software included	HP Click for Windows and macOS, 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;Auto-power on/off scheduler;130/300 ml cartridges;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)
UNSPSC code	43212104
What's in the box	HP DesignJet T850 Printer, printheads, 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	71 kg

UNSPSC code	43212104
UPC number	(ABG) 196548313037; (AC4) 197498560564; (ACJ) 196548313044; (AKV) 197498560571; (B19) 196548313051; (B1K) 196548313068; (BCD) 196548313075
Weight	47 kg
What's in the box	HP DesignJet T850 Printer, printheads, ink cartridges, printer stand, spindle, guide, warranty flyer, power cord

Documents & Media

> Images

> Image - Product

Left rear facing



573 X 430 (png)

Download

Left facing



573 X 430 (png)

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Left facing



573 X 430 (png)

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Right facing



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Center facing



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Rear facing



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Center facing



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> Image - Product Detail

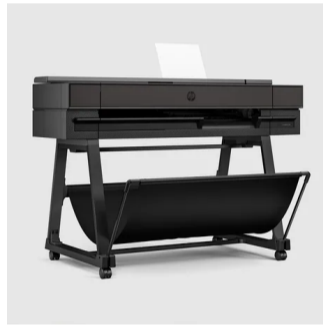


DesignJet T850 - product feature
1 - eTail

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Designjet T850 - eTail - KSP 5 -
Wolf Security

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> Image - Annotated



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HP_DesignJet_T850_Printer_Hot
_Button_Dynamic_3

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HP_DesignJet_T850_Printer_BTF_KSP2

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Videos

HP DesignJet T850 - product video 60sec - 16x9

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HP DesignJet T850 - product video 60sec - 4x5

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HP DesignJet T850 - product video 30sec - 16x9

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HP DesignJet T850 - product video 30sec - 4x5

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HP DesignJet T850 - product video 30sec - 1x1

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HP DesignJet T850 - product video 60sec - 1x1

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How to video: introduction

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Fun with Print HP Click + HP Signage Suite.

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Overview

[1] 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.

[2] 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.

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

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

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

[5] 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