



# HP DesignJet T850 36-in Printer with 2-year Warranty (2Y9H0H)



## Overview

**The world's easiest A3-A1 printing experience to maximize your team's agility[1]**

Maximize your team's agility with the world'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.

### **THE 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.

### **GO BEYOND—Meet office and environmental needs**

Advance environmental goals—printer is made with at least 35% recycled plastics[3] and recyclable supplies[4].

### **CONNECTED—Work securely from virtually anywhere**

Save time with HP Click—print in fewer steps and avoid reprinting with print preview.

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*[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.*

*[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

<b>Print quality color (best)</b>	Up to 2400 x 1200 optimized dpi
<b>Functions</b>	Print
<b>Connectivity, standard</b>	Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n
<b>Software included</b>	HP Click for Windows and macOS, HP app for Windows, macOS, Android, and iOS
<b>Technical features</b>	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
<b>Energy star certified</b>	Yes
<b>Minimum dimensions (W x D x H)</b>	1407 x 701 x 967 mm
<b>Minimum dimensions (W x D x H)</b>	55.4 x 27.6 x 38.1 in
<b>Weight</b>	47 kg
<b>Weight</b>	103.6 lb
<b>Power consumption</b>	35 W (printing), <5.5 W (ready), <2.5 W (sleep), <0.2 W (standby). Auto-scheduled printer on/off usage.
<b>Environmental certification</b>	ENERGY STAR, EPEAT, UL ECOLOGO® certified inks, CE marking (including WEEE, RoHS, REACH, ErP). In compliance with applicable WW RoHS materials restriction requirements.
<b>What's in the box</b>	HP DesignJet T850 Printer, printhead, introductory ink cartridges, printer stand, spindle, guide, warranty flyer, power cord

## Additional specifications

<b>Acoustic power emissions (active, printing)</b>	5.8 B(A) (operating), <3.4 B(A) (idle)
<b>Acoustic pressure emissions</b>	42 dB(A) (operating), <16 dB(A) (idle)
<b>Color(s) of printing supplies</b>	Cyan, magenta, yellow, matte black
<b>Datasheet photo 1</b>	AHID/f689be319754814d8d25b9577c2aebd56c8b2cd4
<b>Dynamic security</b>	Dynamic security enabled printer
<b>Electromagnetic compatibility</b>	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)
<b>Finished output handling</b>	Sheet feed, roll feed, input tray (50 sheet capacity), media bin, automatic horizontal cutter
<b>HP ePrint capability</b>	Yes
<b>Ink drop</b>	6 pl (C, M, Y); 12.6 pl (mK)
<b>Ink types</b>	Pigment-based (C, M, Y, mK)
<b>Internal Storage</b>	None
<b>Line accuracy</b>	±0.1%[2]
<b>Maximum optical density (black)</b>	15 L* min/1.7 D[3]
<b>Media sizes standard (metric rolls)</b>	369 to 914 mm
<b>Media sizes standard (sheets, rolls)</b>	14.5 to 36 in
<b>Media sizes supported</b>	Input tray: A, B; Manual feed: A, B, C, D, E
<b>Media sizes supported</b>	Input tray: A4, A3; Manual feed: A4, A3, A2, A1, A0
<b>Media sizes, custom</b>	Input tray: 210 x 279 to 305 x 457 mm; Manual feed: 210 x 279 to 914 x 1676 mm
<b>Media sizes, custom</b>	Input tray: 8.3 x 11 to 12 x 18 in; Manual feed: 8.3 x 11 to 36 x 66 in
<b>Media thickness</b>	Up to 11.8 mil
<b>Media thickness (metric)</b>	Up to 0.3 mm
<b>Media types</b>	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)
<b>Media weight, recommended</b>	60 to 280 g/m <sup>2</sup> (roll/manual feed); 60 to 220 g/m <sup>2</sup> (input tray)
<b>Media width, maximum</b>	914 mm
<b>Media width, maximum</b>	36 in
<b>Memory</b>	1 GB
<b>Model size</b>	914 mm

<b>Model size</b>	36 in
<b>Network ready</b>	Standard
<b>Non-Operating Humidity Range</b>	0 to 95% RH
<b>Non-printable area (cut-sheet)</b>	0.2 x 0.2 x 0.2 x 0.2 in
<b>Non-printable area (cut-sheet)</b>	5 x 5 x 5 x 5 mm
<b>Non-printable area (roll media)</b>	5 x 5 x 5 x 5 mm
<b>Non-printable area (roll media)</b>	0.2 x 0.2 x 0.2 x 0.2 in
<b>Number of print cartridges</b>	4 (C, M, Y, mK)
<b>Operating altitude</b>	Up to 9843 ft
<b>Operating altitude</b>	Up to 3000 m
<b>Operating humidity range</b>	20 to 80% RH
<b>Operating temperature range</b>	41 to 104°F
<b>Operating temperature range</b>	5 to 40°C
<b>Orderable supplies</b>	HP Original Ink: HP 738 cartridges (Black, Cyan, Magenta, Yellow), and HP 739 printhead
<b>Package dimensions (W x D x H)</b>	1575 x 570 x 650 mm
<b>Package dimensions (W x D x H)</b>	62 x 22.5 x 25.5 in
<b>Package weight</b>	156.5 lb
<b>Package weight</b>	71 kg
<b>Playbook TS icon connectivity</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png</a>
<b>Playbook TS icon dimensions AiO</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192862.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192862.png</a>
<b>Playbook TS icon display AiO</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169148.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169148.png</a>
<b>Post consumer recycled plastic in hardware by weight of plastic</b>	42%
<b>Power</b>	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1.2 A max
<b>Print Technology</b>	Ink
<b>Print cartridge volume delivered</b>	300 ml, 130 ml
<b>Print head nozzles</b>	1376 per color; 5504 in total
<b>Print heads</b>	1 (C, M, Y, mK)
<b>Print languages</b>	TIFF, JPEG, URF, HP-GL/2, HP-RTL, CALS G4
<b>Print multi-size files in one click</b>	Yes
<b>Print speed</b>	25 sec/page on A1, 90 A1 prints per hour[1]
<b>Print speed</b>	25 sec/page for D size, 90 D size 24" x 36" prints per hour[1]
<b>Print technology</b>	HP Thermal Inkjet
<b>Printer drivers included</b>	Raster driver for macOS and Windows, HP-GL/2 driver for Windows

<b>Printing path</b>	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
<b>Product logos</b>	AirPrint; CE marking; ENERGY STAR; EPEAT green; IPv6 Ready; Mac; Wi-Fi Certified; Windows 11 Compatible
<b>Recommended media</b>	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]
<b>Remote print enabled</b>	Yes
<b>Roll external diameter</b>	100 mm
<b>Roll external diameter</b>	3.9 in
<b>Roll maximum input</b>	1
<b>Roll maximum weight</b>	13.6 lb
<b>Roll maximum weight</b>	6.2 kg
<b>Safety</b>	USA and Canada (CSA certified); EU (RED Directive, EN 62368-1 compliant); Singapore (PSB); China (CCC); Mexico (NYCE); Argentina (IRAM); India (BIS)
<b>Security features</b>	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
<b>Storage temperature range</b>	-25 to 55°C
<b>Storage temperature range</b>	-13 to 131°F
<b>Supported Primary Applications</b>	Line drawings; Renderings; Presentations; Maps; Posters
<b>Technology logo 1</b>	AHID/cce10ebbd356d96074154a12dc62032a64b058f3
<b>Technology logo 2</b>	AHID/60d2a69d632efba286c546dd6a2fcfdb5c3c9e1f
<b>Technology logo 3</b>	AHID/cd33e848211911e4369b10008531951b0aa3cde7
<b>Technology logo 4</b>	AHID/c51bf05ff1023abad6fda02c5a970763b91946f4
<b>Technology logo 5</b>	AHID/6615658f92b8dd21f3c5b78f3bea628bd257123b
<b>Technology logo 6</b>	AHID/0e41ea2a916263d4c3403cc03016fcaae7311969
<b>Technology logo 7</b>	AHID/1f8b1ff3a68a6ba2a0939f2536845c50fe9dec4f
<b>Theoretical minimum line width</b>	0.0008 in (via raster driver)
<b>Theoretical minimum line width</b>	0.02 mm (via raster driver)
<b>UNSPSC code</b>	43212104
<b>UPC number</b>	197029467188
<b>Web address for additional information</b>	<a href="https://www.hp.com/go/designjet-t850">https://www.hp.com/go/designjet-t850</a>

Ink Supplies

★ : Recommended

HP Graphic Arts Inks/Printheads

HP 738 130-ml Black DesignJet Ink Cartridge	498N4A
HP 738 130-ml Cyan DesignJet Ink Cartridge	498N5A
HP 738 130-ml Magenta DesignJet Ink Cartridge	498N6A
HP 738 130-ml Yellow DesignJet Ink Cartridge	498N7A
HP 738 300-ml Black DesignJet Ink Cartridge	498N8A
HP 738 300-ml Cyan DesignJet Ink Cartridge	676M6A
HP 738 300-ml Magenta DesignJet Ink Cartridge	676M7A
HP 738 300-ml Yellow DesignJet Ink Cartridge	676M8A
HP 739 DesignJet Printhead Replacement Kit	498N0A

# Accessories

## Paper Handling

★ : Recommended

### Spindles

HP DesignJet 36-in Spindle	B3Q37A
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### Output Trays and Stackers

HP DesignJet Sheet Organizer	698G7A
HP DesignJet Sheet Organizer and Stacker Kit	698G8A

Scanners

★ : Recommended

Large Format Scanners

HP HD Pro 2 42-in Scanner	5EK00A
HP SD Pro 2 44-in Scanner	5EK01A

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