HP DesignJet T950 36-in Multifunction Printer

The world's most efficient A4/A-A0/E printing experience to boost productivity[1]



*Product image may differ from actual product

EFFICIENT—Save time, get through more jobs

- Print it all—from renders and CAD drawings to educational posters and durable retail signage, you'll see high-quality results across print sizes with pigment-based HP Flex Tech Inks.
- Easily print A4 to A0-sized jobs with the integrated input tray—no manual switching between roll and sheet. Quickly pick up jobs from the output tray, with a stacker that holds up to 40 pages flat.[2]
- Stay focused—print A1/D-sized plots in as fast as 25 seconds[3] and experience fewer ink interruptions with 130/300 ml cartridges.
- Simplify scan and copy workflows with personalized one-click shortcuts from the front panel.

CONNECTED—Seamless and secure by design

- Simplify printing with HP Click[4]—available as a driver and app. Save time with real-print preview and automatic error detection.
- Protect your printer and data from cyberthreats without any effort thanks to HP Wolf Pro Security.
- Share drawings and collaborate with colleagues wherever they are with the easy-to-use front-loading scanner.

SUSTAINABLE—Save energy[5] and minimize waste[6][7]

- Invest in a compact, robust plotter made with at least 35% recycled plastic.[6]
- Lower energy use by up to 65% with automatic on/off scheduling,[5] and enjoy efficient ink maintenance routines.
- Recycle your HP cartridges through HP's Planet Partners program.[7]

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

[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] Based on test results using A1/D size, plain paper, and standard configuration. Stacking capacity is subject to paper type, printed file, and ambient conditions.
[3] Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP Inks.
[4] HP Click App is compatible with Windows and Mac. HP Click Driver is compatible with Windows 11 only. HP Click software is only compatible with Original HP ink supplies. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files.
[5] The percentage reductions in energy consumption are based on tests conducted by HP, 2024. Data based on the implementation of auto-scheduled on/off usage in various printer models, measured on a monthly basis. Actual savings may vary depending on the specific usage patterns, printer models, and environmental conditions.
[6] Declared %RCP content is based on the quantity and weight of parts made with RCP resin over the total plastic parts.
[7] Program availability varies. See https://www.hp.com/go/recycle .

For more information, please visit https://www.hp.com/go/designjet-t950-mfp

Datasheet

Technical specifications

Print

Print speed	21 sec/page on A1, 120 A1 prints per hour[1]
Print resolution	Up to 2400 x 1200 optimized dpi
Technology	HP Thermal Inkjet
Margins	Roll: 5 x 5 x 5 x 5 mm Sheet: 5 x 5 x 5 x 5 mm
Ink types	Pigment-based (C, M, Y, mK)
Print Cartridges, Number	4 (C, M, Y, mK) cartridges
Ink drop	6 pl (C, M, Y); 12.6 pl (mK)
Print cartridge volume	300 ml cartridge, 130 ml cartridge
Printheads	1 (C, M, Y, mK)
Printhead nozzles	1376 per color; 5504 in total
Line accuracy	±0.1%[2]
Minimum line width	0.02 mm (via raster driver)
Max optical density	15 L* min/1.7 D[3]

Scan and copy

Linear scan speed	Up to 3.81 cm/sec (color, 200 dpi), up to 11.43 cm/sec (grayscale, 200 dpi)
Scan resolution	Up to 600 dpi
Scan format	JPEG, PDF, TIFF
Scan destinations	Scan to email, network, and USB. Scan to cloud, computer, and mobile through HP app.
Maximum scan width	914 mm x 2.77 m
Maximum scan length	7 m[4]
Technology	Sheetfed, CIS (Contact Image Sensor), media jam detection sensor, front feed scanning method
Copier, reduce enlarge	25 to 400% at 1% increment

Media

Applications	Banners; Line drawings; Maps; Posters; Presentations; Renderings; Signage
Handling	Sheet feed, roll feed, front-loading input tray (100 sheet capacity), sheet organizer (50 sheet capacity[5]), stacker (40 sheet capacity[5]), automatic horizontal cutter
Maximum media width	914 mm
Media rolls	1
Roll size	369 to 914 mm
Maximum roll weight	13 kg
Maximum roll diameter	140 mm
Sheet size	Front-loading input tray: 210 x 279 to 305 x 457 mm Manual feed: 210 x 279 to 914 x 1676 mm
Standard media sizes supported	Input tray: A4, A3 Manual feed: A4, A3, A2, A1, A0
Media Weight Recommended	60 to 280 g/m² (roll/manual feed); 64 to 220 g/m² (front-loading input tray)
Media thickness (maximum)	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, backlit), photographic paper (ID satin, ID gloss), self-adhesive (matte/gloss, polypropylene gloss, removable fabric), banner (polypropylene matte, PVC banner), fine art material (canvas)

Embedded controller

Memory	2 GB
Hard disk	None
Job storage memory	2.7 GB reprint queue
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 Wolf Pro Security; HP Secure Boot, Allowlisting, Security event logging, Disable network ports and protocols, SNMPv3, 802.1x compatibility, TLS/SSL, Semi-permanent-queue Erase, NTLM v2, HP Web JetAdmin, HP Security Manager, SIEM Integration, FIPS 140-2 (in transit)

Dimensions (W x D x H)

Product	1407 x 720 x 967 mm
Shipping	1575 x 630 x 780 mm

Weight

Product	71 kg
Shipping	97 kg

Included

What's in the box	HP DesignJet T950 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	36%

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

Certifications & Compliance

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	One-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.
Country of origin	China(AB1, BCD, ABG, AC4, ACJ, B1K, B19, AKV); Switzerland(AB1); Thailand(B1K)

Ordering information

Product

2Y9H3A	HP DesignJet T950 36-in Multifunction Printer

Accessories

7F2C8A	HP DesignJet 36-in Spindle
CN538A	HP DesignJet 3-in Core Adapter

Original HP printing supplies

498N0A	HP 739 DesignJet Printhead Replacement Kit
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
498P2A	HP 738B 130-ml Black DesignJet Ink Cartridge
498P6A	HP 738B 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)[6] (recyclable)[7]
HP Coated Paper (FSC® certified)[6] (recyclable)[7]
HP Heavyweight Coated Paper (FSC® certified)[6] (recyclable)[7]
HP Recycled[7] Removable Adhesive Fabric
HP Opaque Scrim Banner
HP Production Matte Canvas
HP Backlit Polyester Film
HP Universal Instant-dry Gloss Photo Paper(FSC® certified)[6]
HP Universal Instant-dry Satin Photo Paper (FSC® certified)[6]
HP Everyday Matte Polypropylene
For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

U56TBE HP 4-year Next Business Day HW Support
U56TCE 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

[1] Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.
[2] ±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] Scanned at 200 dpi using "Long Plot" setting.
[5] Based on test results using 80 g/m² plain paper and standard configuration. Capacity is subject to paper type, printed file, and ambient conditions.
[6] BMG trademark license code FSC®-C115319, see http://www.fsc.org . HP trademark license code FSC®-C017543, see http://www.fsc.org
[7] Can be recycled through commonly available recycling programs.

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