



Datasheet

HP DesignJet XT950 36-in Printer

The world's most efficient half size to D size printing experience to boost productivity¹



MOST EFFICIENT¹—Save time, get through more jobs

- Pick up your jobs quickly and simply—stacker holds up to 40 pages flat for easy collection.²
- Do it all—seamlessly print your half-size jobs with integrated input and output trays, keeping pages sorted by size.
- Move projects forward with fast print speeds, 300-ft roll, and high image quality with pigment-based HP Flex Tech Inks.

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 app³—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 plastics⁴ and supplies can be recycled⁵.
- 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.

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>

¹ The HP DesignJet T950 is faster than its main competitors: 44% faster than competitor A and 43% faster than competitor B in end-to-end performance, including job preparation with printing software, processing, printing, and collection. Testing performed by Sogeti, April 2023. Detailed test report is available upon request.

² Based on test results using D size, plain paper, and standard configuration. Stacking capacity is subject to paper type, printed file and ambient conditions.

³ 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.

⁴ Declared %RCP content is based on the quantity and weight of parts made with RCP resin over the total plastic parts.

⁵ Program availability varies. See <https://www.hp.com/go/recycle>

Technical specifications

Print	
Print speed	21 sec/page for D size, 120 D size 24" x 36" prints per hour ¹
Print resolution	Up to 2400 x 1200 optimized dpi
Technology	HP Thermal Inkjet
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
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% ²
Minimum line width	0.0008 in (via raster driver)
Max optical density	15 L* min/1.7 D ³
Media	
Handling	Sheet feed, roll feed, front-loading input tray (100 sheet capacity for 11" X 17" 50 sheet capacity for 12" X 18"), sheet organizer (50 sheet capacity ⁴), stacker (40 sheet capacity ⁴), automatic horizontal cutter
Roll size	14.5 to 36 in
Maximum roll diameter	5.5 in
Sheet size	Front-loading input tray: 8.3 x 11 to 12 x 18 in Manual feed: 8.3 x 11 to 36 x 66 in
Standard sheets	Input tray: A, B Manual feed: A, B, C, D, E
Grammage	60 to 280 g/m ² (roll/manual feed); 64 to 220 g/m ² (front-loading input tray)
Thickness	Up to 11.8 mil
Applications	Line drawings; Renderings; Presentations; Maps; Posters
Memory	1 GB
Hard disk	None
Job storage	2.7 GB reprint queue
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n
Native print languages	TIFF, JPEG, URF, PDF, 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, Semi-permanent-queue Erase, HP Web JetAdmin, HP Security Manager, SIEM Integration
Dimensions (W x D x H)	
Printer	55.4 x 28.3 x 38.1 in
Shipping	62 x 24.8 x 30.7 in
Weight	
Printer	123.5 lb
Shipping	185.3 lb
What's in the box	HP DesignJet XT950 Printer, printhead, introductory 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	40%
Operating temperature	41 to 104°F
Operating humidity	20 to 80% RH
Operating altitude	Up to 9843 ft
Storage temperature	-13 to 131°F
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 (INCYTE); 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.

Ordering information

Product	
2Y9H1F	HP DesignJet XT950 36-in Printer
Accessories	
7F2CBA	HP DesignJet 36-in Spindle
CN538A	HP DesignJet 3-in Core Adapter
Original HP printing supplies	
498NOA	HP 739 DesignJet Printhead Replacement Kit
498Q0A	HP 738M 300-ml Black DesignJet Ink Cartridge
676M9A	HP 738M 300-ml Cyan DesignJet Ink Cartridge
676NOA	HP 738M 300-ml Magenta DesignJet Ink Cartridge
676N1A	HP 738M 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)⁵ (recyclable)⁶
- HP Coated Paper (FSC® certified)⁵ (recyclable)⁶
- HP Heavyweight Coated Paper (FSC® certified)⁵ (recyclable)⁶

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

Service and Support

- U56SSE HP 3-year Next Business Day HW Support
- U56STE HP 4-year Next Business Day HW Support
- U56SVE 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/gopc>

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 Based on test results using D size plain paper and standard configuration. Stacking capacity is subject to paper type, printed file and ambient conditions.

⁵ BMG trademark license code FSC®-C115319, see <http://www.fsc.org>. HP trademark license code FSC®-C017543, see <http://www.fsc.org>

⁶ Can be recycled through commonly available recycling programs.

