

# HP DesignJet XT950 36-in Printer



The world's most efficient A3-A1 printing experience to boost productivity<sup>1</sup>



\*Product image may differ from actual product

## MOST EFFICIENT<sup>1</sup>—Save time, get through more jobs

- Pick up your jobs quickly and simply—stacker holds up to 40 pages flat for easy collection.<sup>2</sup>
- Do it all—seamlessly print your A3 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 app<sup>3</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>4</sup> and recyclable supplies<sup>5</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.

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

<sup>1</sup> 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.

<sup>2</sup> Based on test results using A1 size, plain paper, and standard configuration. Stacking capacity is subject to paper type, printed file and ambient conditions.

<sup>3</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>4</sup> Declared %RCP content is based on the quantity and weight of parts made with RCP resin over the total plastic parts.

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

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



Datasheet

# Technical specifications

<b>Print</b>	
<b>Print speed</b>	21 sec/page on A1, 120 A1 prints per hour <sup>1</sup>
<b>Print resolution</b>	Up to 2400 x 1200 optimized dpi
<b>Technology</b>	HP Thermal Inkjet
<b>Margins (roll)</b>	5 x 5 x 5 x 5 mm
<b>Margins (sheet)</b>	5 x 5 x 5 x 5 mm
<b>Ink types</b>	Pigment-based (C, M, Y, mK)
<b>Ink cartridges</b>	4 (C, M, Y, mK)
<b>Cartridge size</b>	300 ml, 130 ml
<b>Ink drop</b>	6 pl (C, M, Y); 12.6 pl (mK)
<b>Printheads</b>	1 (C, M, Y, mK)
<b>Printhead nozzles</b>	1376 per color; 5504 in total
<b>Line accuracy</b>	±0.1% <sup>2</sup>
<b>Minimum line width</b>	0.02 mm (via raster driver)
<b>Max optical density</b>	15 L* min/1.7 D <sup>3</sup>
<b>Media</b>	
<b>Applications</b>	Line drawings; Renderings; Presentations; Maps; Posters
<b>Handling</b>	Sheet feed, roll feed, front-loading input tray (100 sheet capacity), sheet organizer (50 sheet capacity), stacker (40 sheet capacity <sup>4</sup> ), automatic horizontal cutter
<b>Rolls</b>	Media rolls: 1; Roll size: 369 to 914 mm; Maximum roll weight: 13 kg; Maximum roll diameter: 140 mm;
<b>Maximum media width</b>	914 mm
<b>Sheet size</b>	Front-loading input tray: 210 x 279 to 305 x 457 mm; Manual feed: 210 x 279 to 914 x 1676 mm
<b>Standard sheets</b>	Input tray: A4, A3; Manual feed: A4, A3, A2, A1, A0
<b>Recommended Grammage</b>	60 to 280 g/m <sup>2</sup> (roll/manual feed); 64 to 220 g/m <sup>2</sup> (front-loading input tray)
<b>Thickness</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>Embedded controller</b>	
<b>Memory</b>	1 GB
<b>Hard disk</b>	None
<b>Job storage</b>	2.7 GB reprint queue
<b>Native print languages</b>	TIFF, JPEG, URF, PDF, HP-GL/2, HP-RTL, CALS G4
<b>Connectivity</b>	
<b>Interfaces</b>	Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n
<b>Printing paths</b>	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

<b>Remote print enabled</b>	Yes
<b>One-click multi-size printing</b>	Yes
<b>Drivers</b>	Raster driver for macOS and Windows, HP Click Driver for Windows 11, HP-GL/2 driver for Windows
<b>Security features</b>	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
<b>Dimensions (W x D x H)</b>	
<b>Product</b>	1407 x 720 x 967 mm
<b>Shipping</b>	1575 x 630 x 780 mm
<b>Weight</b>	
<b>Product</b>	56 kg
<b>Shipping</b>	84 kg
<b>Included</b>	
<b>What's in the box</b>	HP DesignJet XT950 Printer, printhead, introductory ink cartridges, printer stand, spindle, guide, poster, warranty flyer, power cord
<b>HP Software and solutions</b>	HP Click App, HP Click Driver for Windows 11, HP app for Windows, macOS, Android, and iOS
<b>Environmental ranges</b>	
<b>Operating temperature</b>	5 to 40°C
<b>Operating humidity</b>	20 to 80% RH
<b>Operating altitude</b>	Up to 3000 m
<b>Storage temperature</b>	-25 to 55°C
<b>Recycled plastic in printer</b>	40%
<b>Acoustics</b>	
<b>Sound pressure</b>	Printing: 42 dB(A) (operating), <16 dB(A) (idle)
<b>Sound power</b>	Printing: 5.8 B(A) (operating), <3.4 B(A) (idle)
<b>Power</b>	
<b>Consumption</b>	35 W (printing), <5.5 W (ready), <2.5 W (sleep), <0.2 W (standby). Auto-scheduled printer on/off usage.
<b>Requirements</b>	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1.2 A max
<b>Certification</b>	
<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>Electromagnetic</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>Environmental</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>Warranty</b>	One-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.

## Ordering information

<b>Product</b>	2Y9H1F HP DesignJet XT950 36-in Printer
<b>Accessories</b>	7F2C8A HP DesignJet 36-in Spindle CN538A HP DesignJet 3-in Core Adapter
<b>Original HP printing supplies</b>	498N0A HP 739 DesignJet Printhead Replacement Kit 498Q0A HP 738M 300-ml Black DesignJet Ink Cartridge 676M9A HP 738M 300-ml Cyan DesignJet Ink Cartridge 676N0A HP 738M 300-ml Magenta DesignJet Ink Cartridge 676N1A HP 738M 300-ml Yellow DesignJet Ink Cartridge A24VLA HP 738M 130-ml Black DesignJet Ink Cartridge A24VMA HP 738M 130-ml Cyan DesignJet Ink Cartridge A24VNA HP 738M 130-ml Magenta DesignJet Ink Cartridge A24VPA HP 738M 130-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)<sup>5</sup> (recyclable)<sup>6</sup>  
HP Coated Paper (FSC® certified)<sup>5</sup> (recyclable)<sup>6</sup>  
HP Heavyweight Coated Paper (FSC® certified)<sup>5</sup> (recyclable)<sup>6</sup>  
For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](http://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/cpc>

## Specification Footnotes

<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> Based on test results using 80 g/m<sup>2</sup> plain paper and standard configuration. Capacity is subject to paper type, printed file, and ambient conditions.

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

<sup>6</sup> Can be recycled through commonly available recycling programs.

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