



The world's easiest multi-size printing experience¹ for posters and CAD drawings

HP DesignJet T850, XT870, and XT950 Large Format Printers



Introducing the HP DesignJet T850, XT870, and XT950 Printers



Versatile – Effortless, High-quality Results Across Sizes and Formats



Print it all—from renders and CAD drawings to educational posters and durable retail signage. Pigment-based HP Flex Tech Inks deliver sharp, high-quality results with outstanding light and water fastness.



Easily print multi-size A4/A to A1/D projects using the integrated input tray, without manually changing from roll to sheets.



High-capacity 130/300 ml cartridges mean fewer ink replacements and more uninterrupted productivity.

Connected – Seamless and Secure by Design



Fast setup, real-print previews, automatic error checks, and more with HP Click,² available as a driver or app.



HP Wolf Pro Security keeps your printer and data safe from evolving threats.



Share drawings with key stakeholders with the easy, integrated front-loading scanner on HP DesignJet T850 and XT950 MFPs.

Sustainable – Save Energy³ and Minimize Waste^{4,5}



These printers are made with up to 45% recycled plastic.⁴



Lower energy use by up to 60% with automatic on/off scheduling,³ and use the least amount of ink with efficient printhead maintenance routines.



Reduce plastic waste with 100% polystyrene-free packaging⁵ and recycle your HP cartridges through HP's Planet Partners program.⁶





HP DesignJet T850 and XT950 Printer Series

Collaborate effortlessly with these HP DesignJet 36-inch printers that can handle up to A0/E size and print up to 120 A1/D pages per hour.⁷ The HP DesignJet T850 and XT950 Printer Series also include multifunction versions that add scanning and copying capabilities to your large format printer.

HP DesignJet XT870 Printer

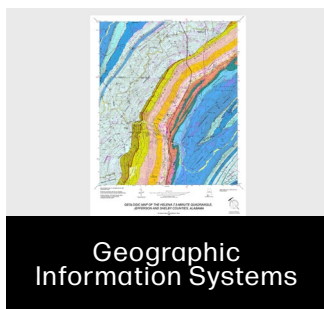
The HP DesignJet XT870 is compact yet capable. This 24-inch printer is specifically designed to fit into tight office spaces and meet the unique demands of your business. It can print up to A1/D size, delivering versatility, efficiency, and peace of mind on every job.



Versatility for Your Project, Your Industry



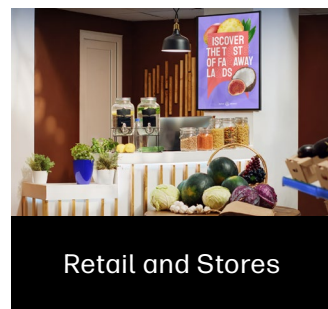
- CAD and MCAD drawings
- 3D rendered drawings
- Blueprints
- Construction plans
- Presentation panels
- Construction site signage



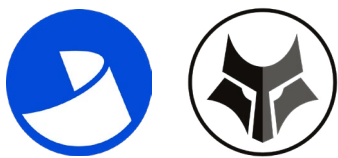
- GIS maps
- Info modeling charts
- Satellite images



- Education posters
- Education signs
- Scheduling sheets
- Presentation graphics
- Project charts (e.g., Microsoft projects)
- Gantt charts
- Mind maps
- Large collaborative diagrams



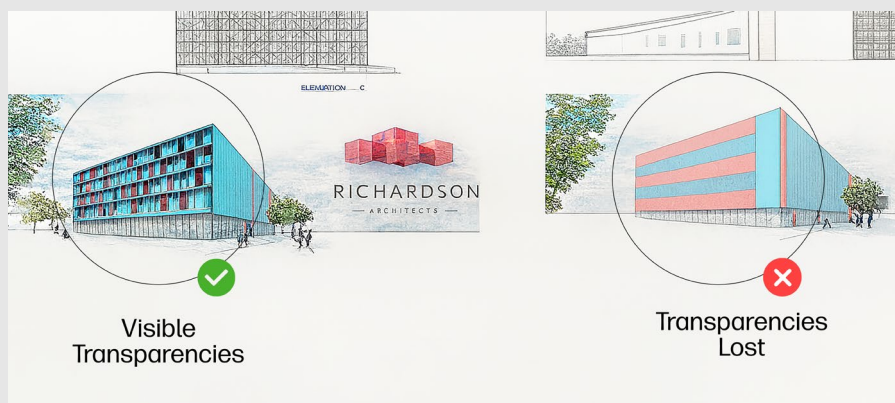
- POS/POP posters
- Marketing/advertisement posters
- Directional signage
- Brochures
- Promotional signage



Precision for Architects, Engineers, and Construction Professionals

HP DesignJet printers are purpose-built to meet the complex demands of the AEC industry, delivering superior versatility and precision for everything from CAD drawings to rich renders, blueprints, and presentation panels.

Printing layered files is fast, accurate, and easy with HP Click software² and the embedded Adobe PDF Print Engine (APPE).



Get fast, predictable results with HP DesignJet printers, HP Click software, and APPE

HP Click uses APPE to process native PDFs with live transparencies—no flattening or conversion—delivering clean, consistent output. APPE taps into the full power of your hardware for faster RIP speeds and error-free printing. In the end, what you see is what you print—accurate, consistent results across devices, even with complex files.

HP Flex Tech Inks deliver superb line accuracy, color range, and area fills—whether you're printing detailed A1/D electrical plans or multi-size project sets.

HP Click² automatically detects page sizes and routes output efficiently, like sending printed sheets to the optional sheet organizer.⁸

Protect your printer and data from cyberthreats with **HP Wolf Pro Security** and advance your **sustainability** initiatives with this thoughtfully designed printer series.



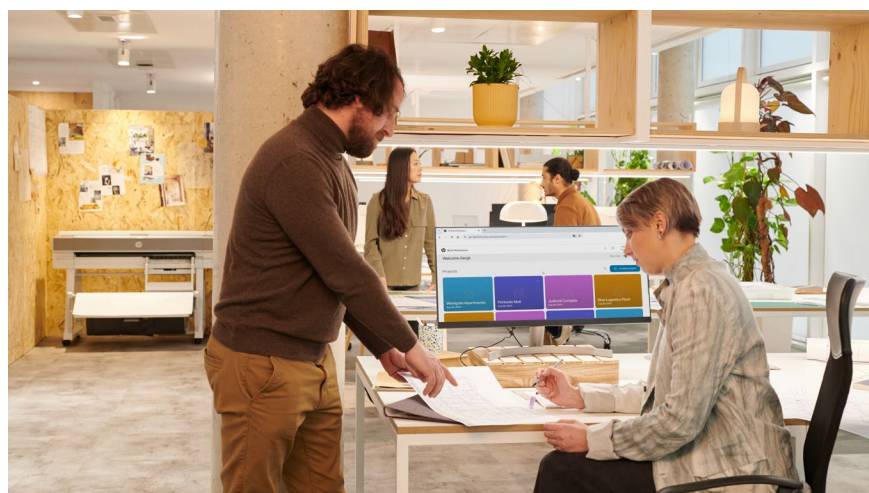


Your Best Construction Site Partner

The HP DesignJet T850, XT870, and XT950 printers are engineered to meet the unique demands of the construction industry, delivering versatility, reliability, and peace of mind on every job. The compact 24-inch HP DesignJet is specifically designed to fit into tight, temporary offices commonly found on construction sites.

Prints with pigment-based HP Flex Tech Inks offer resistance to both light and water, which means less risk of smudged or faded documents.

HP DesignJet printers deliver intuitive operation and reliable output that enable you to focus on building, not troubleshooting, while HP Click² and automatic A4/A to A1/D printing save hours of manual work.



HP Build Workspace—Your Construction Site's Digital Backbone

HP Build Workspace is a cloud platform that automates manual tasks, centralizes project data, and enhances collaboration for architects, engineers, and construction professionals.

- Save hours of work with HP AI-powered automation
- Centralize all project data with a single source of truth
- Move faster through seamless collaboration

[Learn More](#)



Download the app

Print Multi-size School Posters and Signs in a Flash



From classrooms to campus-wide events, these HP DesignJet printers are ideal for K-12 and higher education settings. They make it easy to create vibrant, durable posters and visuals that enhance learning and student engagement—all while staying within tight education budgets. Teachers and students can print in a wide range of file formats (JPEG, PDF, PNG, DXF, and more) with the easy-to-use HP Click.²



HP Click² + DesignJet: Easy, Reliable Printing

Print like a pro—no experience needed.

- Drag, drop, and print with one click
- Smart previews and media-saving layouts
- Powered by APPE for accurate results

Fast, simple, and stress-free printing every time.

With HP's multi-size media support, educators can quickly print A1/D lesson charts for hands-on classroom activities, A3/B card sets from the sheet feeder or A4/A handouts using nesting features to save paper, or bold A2/C event posters either from a computer or straight from USB flash drive. Confidently share prints with outstanding light and water fastness, print permanence,⁹ and resistance to smudging and highlighter bleed. Whether printing from the HP Click Driver or from the driverless HP Click App, the process is fast, error-free, and tailored to how students and teachers actually work.





From photo papers to adhesive fabric and banner materials, HP offers a range of printing materials designed together with Original HP Inks to ensure the right print the first time, every time. Explore retail application opportunities with:

- HP Coated Paper
- HP Universal Instant-dry Gloss Photo Paper
- HP Everyday Matte Polypropylene
- HP Recycled Removable Adhesive Fabric
- HP Matte Canvas
- HP Opaque Scrim Banner
- HP Backlit Polyester (only available in 36 in)

Vibrant Retail Signage That Sells

Retailers need print solutions that deliver consistent quality and vibrant color with durability across every application, from in-store signage to street-level promotions. These HP DesignJet printers, powered by pigment-based HP Flex Tech Inks, ensure high-impact visuals with rich pigments that resist fading, even in high-touch or high-traffic environments. Whether you're producing glossy A3/B handouts or weather-resistant A1/D posters, HP delivers stunning results on a wide variety of media types with ease.

Retailers can print multiple formats from the same design, like promotional flyers for distribution and large-format window banners, all in one go. The process is intuitive, reliable, and designed for busy retail environments where speed and consistency matter. From boutiques to large storefronts, these HP DesignJet printers offer smart, versatile solutions that keep retail messaging vibrant, professional, and ready to sell.



Help Me Choose



Printer size		HP DesignJet XT870 Printer	HP DesignJet T850 Printer	HP DesignJet T850 MFP	HP DesignJet XT950 Printer	HP DesignJet XT950 MFP
Printer size		24 in	36 in	36 in	36 in	36 in
Media size		A4/A, A3/B, A1/D	A4/A, A3/B, A1/D, A0/E			
Speed		120 A1/hr	90 A1/hr	90 A1/hr	120 A1/hr	120 A1/hr
Software		HP Click (easy job submission tool, available as a driver and app)				
Scanner		No	No	Yes (front loading)	No	Yes (front loading)
Media input	Roll	300 ft (130 mm max diameter)	150 ft (100 mm max diameter)	150 ft (100 mm max diameter)	300 ft (140 mm max diameter)	300 ft (140 mm max diameter)
	Sheet	50 A3 (top loading)	50 A3 (top loading)	50 A3 (top loading)	100 A3 (front loading)	100 A3 (front loading)
Media output	Roll	Output bin	Output bin	Output bin	Stacker	Stacker
	Sheet	Output bin	Output bin	Output bin	Sheet organizer	Sheet organizer
Ink cartridge size		130 ml, 300 ml	130 ml, 300 ml	130 ml, 300 ml	130 ml, 300 ml	130 ml, 300 ml
Available accessories		HP DesignJet Sheet Organizer, HP DesignJet 3-in Core Adaptor, HP DesignJet 24-in Spindle	HP DesignJet Sheet Organizer, HP DesignJet Stacker Kit, HP DesignJet 3-in Core Adaptor, HP DesignJet 36-in Spindle	HP DesignJet Sheet Organizer, HP DesignJet Stacker Kit, HP DesignJet 3-in Core Adaptor, HP DesignJet 36-in Spindle	HP DesignJet 3-in Core Adaptor, HP DesignJet 36-in Spindle	HP DesignJet 3-in Core Adaptor, HP DesignJet 36-in Spindle
Memory		1 GB	1 GB	2 GB	1 GB	2 GB
Job reprint from queue		✓	No	No	✓	✓
Materials		Contains at least 45% recycled plastics	Contains at least 40% recycled plastics	Contains at least 35% recycled plastics	Contains at least 40% recycled plastics	Contains at least 35% recycled plastics
Support for HPGL/2		✓	✓	✓	✓	✓

¹The HP DesignJet XT870 is faster than its main competitors: 53% faster than competitor A and 59% faster than competitor B in end-to-end performance, including job preparation with printing software, processing, printing, and collection. Testing performed by Sogeti, July 2025.

²HP 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.

³The 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.

⁴The HP DesignJet XT870 is crafted with at least 45% recycled plastic and 10% recycled metal. Recycled plastic is based on total plastic weight, with post-consumer recycled content defined by the EPEAT standard for imaging equipment (IEEE 1680.2). Recycled metal is based on total metal weight used in the product.

⁵The HP DesignJet XT870 Printer has replaced EPS with molded pulp cushions made from recycled fiber-based material.

⁶Program availability varies. For details, see hp.com/hprecycle.

⁷Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP Inks. Applies to HP XT950 models.

⁸This accessory comes standard with the HP DesignJet XT950 Printer only. It is an optional accessory for the HP DesignJet T850 and XT870; not included, sold separately.

⁹Tests conducted by Wilhelm Imaging Research, Inc. for HP Inc. indicate that documents printed with HP pigment-based black and pigment-based color inks printed on HP Bright White Inkjet Paper stored in the dark will achieve WIR Dark Storage Permanence Ratings of "Greater Than 200 Years." Prints also reach "over 100 years" on a variety of papers exposed to indoor light fading (without glass frame), based on ozone tests.