AMAZING — Deliver high quality with confidence

- Impress the most demanding customers with smooth transitions and sharp details thanks to HP Pixel Control.
- No need for light inks using new high-definition HP printheads with dual drop technology.
- Achieve expanded gamut with RGB HP Vivid Photo Inks and the embedded spectrophotometer.  
- Get superior gloss uniformity by upgrading your printer to include HP Gloss Enhancer.

FAST — Work without delays

- Cut post-processing labor time up to 20% with the first printer to include an integrated vertical trimmer.
- Print up to 2.5 times faster without losing quality, with 2400 nozzle-per-inch high-definition printheads.
- Spend less time on media changes and adjustments with dual roll support and automatic roll switching.

SIMPLE — New tools for you and your customers

- Easily design applications from posters to banners and canvas with the HP Applications Center.
- No disruption to your workflow, keep using your current RIPs, validated with HP RIP certification program.
- Get remote visibility and control to better manage your print production environment with HP PrintOS.
- Enjoy one-click printing that also helps reduce media waste using HP Click printing software.

For more information, please visit hp.com/go/DesignJetZ9

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: hp.com/go/learnaboutsupplies

1 Based on internal HP testing. Up to 2.5 times faster printing compared to the HP DesignJet Z3200 Photo Printer series. May vary depending on print mode and media type.
2 Vertical trimmer and dual rolls included with the HP DesignJet Z9dr 44-in PostScript® Printer with V-Trimmer only. Up to 20% reduction in post-processing labor time based on internal HP testing compared to HP DesignJet Z9+dr series printers without built-in vertical trimmer.
3 Requires an HP Applications Center account, Internet connection, and connected Internet-capable device. For more information, see hpapplicationscenter.com.
4 Based on internal HP testing, comparing to HP DesignJet Z9+ series printers without gloss enhancer. HP Gloss Enhancer can be used on photo paper, with the exception of matte-finish papers. Optional upgrade available second half 2018.
5 Embedded in the HP DesignJet Z9+ Printer series is an i1 spectrophotometer from X-Rite. Close collaboration between HP and X-Rite ensures a reliable solution that’s been thoroughly tested to meet customer demands for ease, quality, and dependability.
7 Once image is selected, one-click printing when printing the entire file without any modifications to the print settings. Applicable to PDF, JPEG, TFF, and HP-GL/2 files.
Technical specifications

Print
Max print speed 769 ft/hr (174.4 m/hr) on plain media
Color images Normal: 185 ft/hr (174.4 m/hr) on coated media, Best: 48 ft/hr (143.5 m/hr) on glossy media
Print resolution Up to 2400 x 1300 optimum dpi
Technology HP SureColor thermal inkjet
Margins Roll: 0.2 x 0.2 x 0.2 x 0.2 in (5 x 5 x 5 x 5 mm) on borderless on select media, or on all media with V-Trimmer, 0.5 x 0.5 x 0.5 x 0.5 in (15 x 15 x 15 x 15 mm) on all media with V-Trimmer
Ink cartridges Tri-color, magenta, yellow, matte black, photo black, chromatic red, chromatic green, chromatic blue, gray
Ink drop 7/3 pl (dual-drop weight Y, M, C, PK, CB, G); 6 pl (single-drop weight Y, CR, MK, CG)
Printheads 5 universal printheads (valid for all colors)
Line accuracy ±0.16%
Minimum print line width 0.0031 in (0.08 mm) (ISO/IEC 13660:2001(E))

Image quality
Color accuracy Median 0 < 1.6 dE2000, 95% of colors < 2.8 dE2000
Short-term color stability < 1 dE2000 in less than 5 minutes
Long-term print-to-print repeatability average 0 < 0.5 dE2000, 95% of colors < 1.4 dE2000
Maximun optical density 4.1* mm/min, 2.5* D

Media
Handling Single-roll: Roll feed, top sheet feed, rear sheet feed for rigid media, media output bin, automatic horizontal cutter; dual-roll: Two automatic roll feeds, smart-switching, top sheet feed, media output bin, automatic horizontal cutter and vertical trimmer (cuts all HP 2, Series printer-qualified media, including most canvas)
Sheet size 24-in: 8.3 x 11 to 24 x 66 in (210 x 279 to 610 x 1676 mm)
44-in: 11.0 x 17 to 44 x 66 in (280 x 432 to 1118 x 1676 mm)
Roll size 24-in: 11 to 24 x 66 in (297 x 610 x 1676 mm)
44-in: 11 to 44 x 66 in (297 x 610 x 1676 mm)
Standard sizes 4 x R, A, B, C, D, E, L (24-in, A, B, A2, A1, A0)
Grainage B6 to 500 g/m²
Thickness Up to 3.15 mil (up to 0.8 mm)

Applications
Image quality, exhibition and event graphics, design, photos, point of sale displays, posters

Memory
128 GB (user-writable), 500 GB self-encrypting hard drive

Connectivity
Interfaces Ethernet, Fast Ethernet, Gigabit Ethernet, USB 2.0, USB 3.0 (NFC), USB Type-A and Type-C ports
Mobile features Direct print from mobile apps for iOS, Android and Windows; email printing with HP ePrint and HP Smart app for iOS and Android; HP JetAdvantage Security Manager compatible, Secure Disk erase (DoD 5220.22-M), Secure File erase, self-encrypted HDD, PIN printing
Drivers Raster and PostScript drivers for Windows and macOS; PDF driver for Windows

Software included
Printer drivers, HP Click, HP Web Jetadmin, HP JetAdvantage Security Manager, HP DesignJet Utility including HP Color Center, HP Partner Link Pay-per-use, HP MFP

Environmental ranges
Operating temperature: 41 to 104°F (5 to 40°C)
Operating humidity: 20 to 80% RH

Power
Consumption < 100 W (printing); < 3.2 W (ready); < 0.3 W (in sleep mode) with embedded Digital Front End (WebOS 4.0, W1 0.0 W)
Requirements Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), < 100 W (printing); < 32 W (ready); < 0.3 W (< 6.5 W with embedded digital front end)

Certification
Safety USA and Canada (CSA certified), UL listed and EN 60950-1 compliant; Russia, Belarus, Kazakhstan, Russian (EAC), Singapore (PIB, China (IEC), Argentina (ARIS), South Africa (SABS)
Electromagnetic Compliance with Class B requirements; includes: USA (FCC rules), Canada (ICES/CSA), EU (EMC Directive), Australia (ACMA), New Zealand (RMS), China (CCE), Japan (VCCI), South Korea (KCC), South Africa (SABS)

Support and service
Service and support 1 year Next Business Day on-site service support
Eco Highlights
- ENERGY STAR certified, EPEAT® Silver registered as environmentally preferable product
- Breakthrough color consistency can help reduce unnecessary reprints
- Printer made from 30% post-consumer recycled plastic; free HP printing supplies recycling;
- FSC®-certified papers; range of recyclable HP media with a take-back program

Ordering information
Product X9B24A HP DesignJet Z9 44-in PostScript® Printer with T-Vanner
W3732A HP DesignJet Z9 44-in PostScript® Printer
W3731A HP DesignJet Z9 24-in PostScript® Printer

Accessories H2889A HP Gloss Enhancer Upgrade Kit
N7454A USB 3.0 to Gigabit LAN Adapter
C1538A HP DesignJet 3-in Core Adapter
Q6702A HP DesignJet 24-in Spindle
Q6701A HP DesignJet 44-in Spindle
Q128A HP DesignJet 44-in Take-up Reel

Original HP ink cartridges and printheads
P7V81A HP 746 300-ml Chromatic Red DesignJet Ink Cartridge
P7V82A HP 746 300-ml Cyan DesignJet Ink Cartridge
P7V83A HP 746 300-ml Matte Black DesignJet Ink Cartridge
P7V82A HP 746 300-ml Chrome Blue DesignJet Ink Cartridge
P7V88A HP 746 300-ml Chromatic Green DesignJet Ink Cartridge
P7V89A HP 746 300-ml Gray DesignJet Ink Cartridge
P7V25A HP 746 DesignJet PrintHead

Original HP Large Format Printing Materials
Q6551A HP Universal Instant-dry Satin Photo Paper (FSC® certified) 42 in x 100 ft (67 mm x 30.5 m)
E1451A HP Artist Matte Canvas 44 in x 50 ft (1118 mm x 15.2 m)
E2561K HP Heavyweight Coated Paper (FSC® certified) 42 in x 100 ft (67 mm x 30.5 m)
C0725A HP Everyday Matte Polypropylene, 2 Pack (44 in x 50 ft (1118 mm x 15.2 m))
K4460B HP Premium Matte Photo Paper (FSC® certified) 36 in x 100 ft (914 mm x 30.5 m)

Service and support
US2C1E HP 1 year Next Business Day plus Defective Media Return Support
US2C3E HP 5 year Next Business Day plus Defective Media Return Support
US2C4E HP 1 year Post Warranty, Next Business Day plus Defective Media Return Support

HP1518E HP Network Installation Service with Network Setup

HP DesignJet Support Services offers solutions for business critical environments — installation, extended support and maintenance, as well as variety of value added services. For more information, please visit hp.com/go/designjetsupport

Use Original HP ink, print heads, and large format printing materials, to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and optimized together as an optimal printer-system, and Original HP ink and print heads are designed to maximize the life of your HP printer. Protect your HP printer investment by using Original HP ink for full HP warranty protection. For more information, visit hp.com/go/designjetink

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

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- Program availability varies. Please check hp.com/recycle for details
- [IP] indicated on trademark license code FSC®, HPLFMedia.com indicated on trademark license code FSC®-C101743, see fn. org. Not all FSC®-certified products are available in [IP].
- [HP] Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through the HP recycling program; not currently available; recycling programs may not exist in your area.
- See HPLFMedia.com/ecoSolutions for details.

Please recycle large-format printing hardware and printing supplies. Find out how at our website: hpl.com/ecosolutions

1 Maximum rate of output for color images 100% color coverage. Printed in Economode, or HP Bright White Inkjet Paper (bond), maximum size, with Original HP Inkjet Photo Inks. Measured on a 44-in printer.
2 Measuring printing time with Original HP Inkjet Photo Inks. Measured on a 44-in printer.
3 Borderless printing available on photo, polypropylene, and backlit roll media.
4 Except self-adhesive vinyls and non-cuttable media.
5 HP designJet 24-in model.
6 HP DesignJet 3-in Core Adapter, quick reference guide, setup printer, card reader
7 ICC absolute colorimetric accuracy on HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks.
8 Not all FSC®-certified products are available in [IP].
9 Original HP Inkjet Paper, HP DesignJet W1400 Inkjet Photo Paper.
10 Original HP Inkjet Paper, HP DesignJet Z2100 Inkjet Photo Paper.