HP DesignJet SD Pro 2 44-in MFP

Highly productive 44-in MFP for fast and detailed document reproduction

Detailed document reproduction with CIS technology

- Scan and copy everyday documents and maps at high speeds without fringing, using advanced CIS technology.

- Eliminate unwanted shadows and backgrounds with the dual-illuminating system in CIS technology.

- Produce high-quality results with crisp text, scan resolution up to 1200 dpi, copy resolution up to 2400 dpi.

- Create large-format color and black-and-white scans and copies up to 44-inches (1118-mm) wide.

A fast SD scanner designed to streamline workflows

- Scan fast—up to 9 inches/sec (22.8 cm/sec) in color and 18 inches/sec (45.7 cm/sec) in grayscale.

- Accelerate workflows. Save scans as PDF, TIFF, JPEG, or DWF files. Do batch scanning. Create multipage PDFs.

- Share images. Scan to email, USB, network—or print with the HP DesignJet T1700dr 44-in PostScript® Printer.

- Preview and enhance images using the large 15.6-inch (396-mm) touchscreen all-in-one PC.

Reliable dual-roll 44-in PostScript® printer

- Print on different paper types and sizes seamlessly, and save time using two rolls with smart switching.

- Rely on Adobe PDF drivers to free up your computer immediately after sending to print—even for complex files.

- Handle complex files—powerful processing architecture,[1] 128 GB memory,[2] 500 GB HDD, at 116 A1/D pages/hr.

- Protect unauthorized access to printers/data with HP Secure Boot, whitelisting, encrypted hard disk, more.

For more information, please visit http://www.hp.com/go/DesignJet-SD-Pro-2-MFP

[1] Refers exclusively to file processing capabilities for complex files, and does not refer to print speed.
[2] Based on 4 GB DDR3 RAM.

Technical specifications

Print

Print speed	116 A1/hr, 26 sec/A1[1]
Print resolution	Up to 2400 x 1200 optimized dpi
Technology	HP Thermal Inkjet
Ink types	Dye-based (C, M, Y, PK, G); pigment-based (MK)
Ink drop	6 pl
Printheads	3 universal printheads, 2 colors each
Printhead nozzles	2112 each color
Line accuracy	±0.1%[2]
Minimum line width	0.02 mm (PDF addressable @ 1200 dpi)
Max optical density	2.15 maximum black optical density (6 L*min)

Multifunction capabilities

Scan speed	Color: up to 22.8 cm/sec Grayscale: up to 45.7 cm/sec[3]
Scan resolution	1200 dpi
Technology	CIS scanning technology
Scan format	PDF, PDF/A, TIFF, JPEG, JPEG2000, DWF, multi-page PDF generation
Scan destinations	File, email, USB, HDD, network folder, FTP, print
Thickness	2 mm

Media

Handling	Printer: Sheet feed, two automatic roll feeds, automatic roll-switching, media bin, automatic horizontal cutter Scanner: Straight-through scan paper path for sheet and cardboard originals. Face-up, front entry, rear exit, rewind to front, use document return guide for front-return.
Roll size	279 to 1118 mm
Maximum roll diameter	135 mm
Sheet size	210 x 279 to 1118 x 1676 mm
Standard sheets	A4, A3, A2, A1, A0
Grammage	60 to 328 g/m²
Thickness	Up to 0.8 mm
Applications	Line drawings; Maps; Orthophotos; Presentations; Renderings
Memory	Printer: 128 GB file processing (based on 4 GB RAM); Scanner: 8 GB DDR4
Hard disk	Printer: 500 GB self-encrypting; Scanner: 256 GB SSD

Connectivity

Interfaces	Printer: Gigabit Ethernet (1000Base-T) (802.3, 802.3u, 802.3ab), USB Type-A host port; Scanner: Gigabit Ethernet (1000Base-T), USB 3.1 gen 1 (3+1) and USB 2.0 (1) rear
Native print languages	Adobe PostScript 3, Adobe PDF 1.7 ext 3, HP-GL/2, TIFF, JPEG, URF, CALS G4
Printing paths	Direct printing from USB flash drive, email printing, HP driver for Windows, HP Print Service for Android, Apple AirPrint for MacOS and for iOS, HP Print for Chrome OS, HP Click, HP Smart App for iOS and Android
Drivers	Printer: Raster drivers for Windows and macOS, PostScript and PDF Windows drivers and macOS PostScript driver Scanner: Windows drivers for compatible HP PageWide XL and HP DesignJet Printers
Security features	HP Secure Boot, Whitelisting, Role Based Access Control, SNMPv3, HTTPS, Secure-IPP, IPsec/Firewall, Certificates management, 802.1X, TLS 1.0/1.1/1.2, HP Web Jetadmin compatible, HP JetAdvantage Security Manager compatible, Secure Disk erase (DoD 5220.22-M), Secure File erase, self-encrypting HDD, PIN printing

Dimensions (W x D x H)

Printer	Printer: 1802 x 695 x 998 mm Scanner: 1530 x 930 x 1660 mm
Shipping	1950 x 766 x 1260 mm

Weight

Printer	Printer: 74 kg Scanner: 60 kg
Shipping	213 kg
What's in the box	Printer: HP DesignJet T1700dr 44-in PostScript Printer, printheads, ink cartridges, printer stand, spindles (x2), setup poster, introductory information, warranty, power cords, label kits; Scanner: HP SD Pro 2 44-in Scanner, stand, touchscreen (panel PC), quick reference guide, media guides, setup poster, maintenance sheet, copy/scan software, documentation software, Ethernet cable, USB cable, power cords
HP Software and solutions	HP Click, HP Utility for Mac and Windows, HP WebJet Admin, HP Embedded Web Server, HP JetAdvantage Security Manager, HP Partner Link, HP MPS, integrated software with scan and copy enhancement features

Environmental ranges

Operating temperature	5 to 40°C
Operating humidity	20 to 80% RH
Storage temperature	-25 to 55°C

Acoustics

Sound pressure	Printer: 45 dB(A) (operating), 32 dB(A) (idle), <15 dB(A)(sleep); Scanner: 62 dB(A) (operating), <30 dB(A) (idle), <30 dB(A) (sleep)
Sound power	Printer: 6.1 B(A) (operating), 5.0 B(A) (idle), <3.1 B(A)(sleep); Scanner: 6.4 B(A) (operating), <3.3 B(A) (idle), <3.3 B(A) (sleep)

Power

Consumption	Printer: <100 W (printing); <24 W (ready); <6.5 W (sleep); 0.1 W (off); Scanner: 47 W (scanning); 32 W (ready); 1.8 W (sleep)
Requirements	Printer: Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max; Scanner: Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz, 5 A max

Certification

Safety	Printer: USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia, Belarus, Khazakstan (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); India (BIS); Scanner: USA and Canada (UL certified), EU (LVD and EN 60950-1 compliant), Russia (EAC), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE), Korea (KC)
Electromagnetic	Printer: Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC), South Africa (SABS); Scanner: Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (MSIP), Russia (EAC)
Environmental	Printer: ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT; Scanner: ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT
Warranty	One-year limited hardware warranty

Ordering information

Product

1GY94E	HP DesignJet SD Pro 2 44-in MFP

Accessories

8SW00A	HP SmartStream USB Preflight Manager
8SW01A	HP SmartStream Print Controller USB for HP DesignJet Printers
CN538A	HP DesignJet 3-in Core Adapter
Q6709A	HP DesignJet 44-in Spindle

Original HP printing supplies

3ED43A	HP 730B 130-ml Photo Black DesignJet Ink Cartridge
3ED44A	HP 730B 130-ml Gray DesignJet Ink Cartridge
3ED45A	HP 730B 130-ml Matte Black DesignJet Ink Cartridge
3ED49A	HP 730B 300-ml Photo Black DesignJet Ink Cartridge
3ED50A	HP 730B 300-ml Gray DesignJet Ink Cartridge
3ED51A	HP 730B 300-ml Matte Black DesignJet Ink Cartridge
P2V27A	HP 731 DesignJet Printhead
P2V62A	HP 730 130-ml Cyan DesignJet Ink Cartridge
P2V63A	HP 730 130-ml Magenta DesignJet Ink Cartridge
P2V64A	HP 730 130-ml Yellow DesignJet Ink Cartridge
P2V68A	HP 730 300-ml Cyan DesignJet Ink Cartridge
P2V69A	HP 730 300-ml Magenta DesignJet Ink Cartridge
P2V70A	HP 730 300-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 hp.com/go/OriginalHPinks.

Original HP large format printing materials

HP Bright White Inkjet Paper (FSC® certified)[4] (Recyclable)[5]
HP Heavyweight Coated Paper (Recyclable)[5]
HP Universal Instant-dry Satin Photo Paper (FSC® certified)[4] (Recyclable)[5]
HP Universal Coated Paper (FSC® certified)[4] (Recyclable)[5]
For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

H4518E HP Network Installation Service
U7UM8E HP 2 years Next Business Day Onsite Support
U7UM9E HP 3 years Next Business Day Onsite Support
U7UN0E HP 4 years Next Business Day Onsite Support
U7UN1E HP 5 years Next Business Day Onsite Support
U7UN2PE HP 1 year Post Warranty Next Business Day Onsite Support
U7UN3PE HP 2 years Post Warranty Next Business Day Onsite 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

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[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 23ºC (73ºF), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with HP Bright Office Inks.
[3] Color scanning: A1/D fully-inked color image at 200 dpi, 24-bit RGB. Grayscale scanning: A1/D image with black text graphics at 200 dpi.
[4] BMG trademark license code FSC®-C115319, see http://www.fsc.org . HP trademark license code FSC®-C017543, see http://www.fsc.org . Not all FSC®-certified products are available in all regions.
[5] Recyclable HP papers can be recycled through commonly available recycling programs, or according to region-specific practices, or can be returned through the HP Large Format Media take-back program. Recycling programs may not exist in your area. See http://www.HPLFMedia.com/hp/ecosolutions for details.