



HP PageWide XL 8200 40-in Printer with High-capacity Stacker

High efficiency—the fastest large format printing¹ and cost-efficient production workflow



React immediately, and meet the tightest deadlines

- Respond immediately with the fastest large-format printer¹—up to 30 D/A1 pgs/min²—end-to-end productivity.
- Reliable technical prints with HP PageWide XL pigment inks—vivid color, crisp lines, fine detail beat LED.³
- Gain productivity—one device delivers mixed sizes/paper types in 50% of the time, no mono/color collating.⁴
- Start printing in 50% of the time⁵ with an ultra-fast processor, native PDF management, and HP SmartStream.

Boost efficiency, enhanced workflows and security

- The market's largest 15-inch touchscreen⁶ makes it easy to operate from the front and the back.
- Avoid errors and reduce reprints by automatically detecting hidden layers before printing with HP SmartStream.
- Save preparation and finishing time by managing folder styles and adding job separators with HP SmartStream.
- Protect your network with the world's most secure printer⁷—control printer access, create security settings.

Full end-to-end solution, up to 50% less costs⁸

- Free up operator time with a high-capacity stacker, inline folders, auto-switch, and up to 6 rolls.
- Print monochrome and color technical documents at the same or lower cost than comparable LED printers.⁸
- Up to 10 times lower energy consumption than comparable LED printers.⁹
- Eco-Carton replaces plastic cartridge—80% reduction in plastic and 66% CO₂e reduction¹⁰, free take back.¹¹



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Technical specifications

General	
Description	Large-format color printer
Technology	HP PageWide Technology
Applications	Line drawings; Maps; Orthophotos; Posters
Ink types	Pigment-based (C, M, Y, K)
Ink cartridges	4 (C, M, Y, K)
Cartridge size	1 L
Printheads	8 (C, M, Y, K)
Average printhead life	32 L
Printhead warranty	10 L or 12 months
Print resolution	1200 x 1200 dpi
Minimum line width	0.0008 in (HP-GL/2 addressable)
Line accuracy	±0.1% ¹
Print speed	
Maximum print speed	75 ft/min
A1/Arch D/ANSI D (long edge first)	30 pages/min, 1500 pages/hr
A0/Arch E/ANSI E (short edge first)	18 pages/min, 800 pages/hr
Warm-up time	No warm up
First page out	18 sec (from USB)
Media	
Media rolls	2 rolls default with auto-switching, expandable to 6 rolls
Roll size	11 to 40 in
Roll diameter	Up to 7 in
Roll core diameter	3 in
Grammage	19 to 53 lb
Media thickness	Up to 15.7 mil
Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film
Media output (standard)	High-capacity stacker
Media output (optional)	Top stacker, online folder
Embedded controller	
Processor	Intel Core i5
Memory	16 GB DDR4
Hard drive	1 x 128 GB SSD, 1 x 500 GB HDD, both self-encrypted with AES-256
Print languages (standard)	HP-GL/2, TIFF, JPEG, Adobe PostScript 3, Adobe PDF 1.7
Remote management	HP Partner Link, HP Embedded Web Server, HP Web Jetadmin
Connectivity	
Interfaces	TCP/IP, BootP/DHCP, USB 2.0 host
Printing paths	HP SmartStream software (optional), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3)
User interface	
User interface	15.6-inch (396-mm) TFT (LED backlight) 16:9-format HD capacitive touchscreen
Dimensions (w x d x h)	
Printer	Standard: 77 x 30.9 x 64.4 in; With high-capacity stacker: 77 x 80.3 x 64.4 in
Shipping	88.9 x 40.9 x 62.1 in
Weight	
Printer	1274 lb
Shipping	1625 lb

Environmental	
Operating temperature	41 to 104°F
Operating humidity	20 to 80% RH, depending on media type
Acoustics	
Sound pressure	≤60 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep)
Sound power	≤7.8 B(A) (operating), ≤5.5 B(A) (idle), ≤3.5 B(A) (sleep)
Power	
Consumption	0.37 kW (typical); 1.2 kW (max printing); 120 W (ready); <1 W (<16 W with embedded Digital Front End) (sleep)
Requirements	Input voltage (auto ranging) 200–240 V (±10%), 50/60 Hz (±3 Hz), 8 A
Certification	
Safety	IEC 60950-1+A1+A2 and IEC 62368-1 2nd ed. compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 and 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KC)
Environmental	ENERGY STAR, EPEAT Registered, CE marking (including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine
Warranty	
90 days	

Ordering information

Product	
4VW18B	HP PageWide XL 8200 40-in Printer with High-capacity Stacker
Accessories	
ZNH46AAE	HP SmartStream Document Organizer Module
ZNH47AAE	HP SmartStream Pixel Analysis Module
5EK00A	HP HD Pro 2 42-in Scanner
8S802A	HP PageWide XL Drawer
8S809A	HP PageWide XL Folder Upgrade Kit for Long Plots
8SF70A	HP F70 Folder
8SW00A	HP SmartStream USB Preflight Manager
8SW00AAE	HP SmartStream Preflight Manager
8SW04A	HP SmartStream Print Controller USB for HP PageWide XL 5/6/8000 Printer series
8SW04AAE	HP SmartStream Print Controller for HP PageWide XL 5/6/8000 Printer series
8SW14A	HP SmartTracker USB for HP PageWide XL 5/6/8000 Printer series
8SW14AAE	HP SmartTracker for HP PageWide XL 5/6/8000 Printer series
CZ320B	HP PageWide XL Top Stacker
G6H50B	HP SD Pro 44-in Scanner

Original HP printing supplies	
312Z2A	HP 878 1-liter Cyan PageWide XL Ink Cartridge
312Z3A	HP 878 1-liter Magenta PageWide XL Ink Cartridge
312Z4A	HP 878 1-liter Yellow PageWide XL Ink Cartridge
3WV73A	HP 874/876 PageWide XL Cleaning Container
3WV99A	HP 841/874/876 PageWide XL Maintenance Cartridge
C1Q19A	HP 841/874 PageWide XL Printhead
F9K42A	HP 868 1-liter Black PageWide XL Ink Cartridge

Original HP large format printing materials	
HP Universal Bond Paper, 3-in Core (FSC® certified) ² (recyclable) ³	
HP Production Matte Poster Paper, 3-in Core (FSC® certified) ² (recyclable) ³	
HP Production Satin Poster Paper, 3-in Core (FSC® certified) ² (recyclable) ³	
HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified) ² (recyclable) ³	
HP Matte Polypropylene, 3-in Core	

For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](#).

ECO highlights

- ENERGY STAR® 3.0 compliant, less energy; EPEAT® Gold certified/environmentally preferred product¹
- Eco-Carton replaces plastic cartridge with 80% reduction in plastic, achieves 66% CO₂e reduction²
- Zero landfill—local outer carton recycling, free take-back of inner ink bag and printheads³
- Inks are UL ECOLOGO® Certified and verified for Nordic Swan Ecolabeled printing companies⁴

Please recycle printing hardware and eligible printing supplies. Find out how at our website: <http://www.hp.com/ecosolutions>

¹ ENERGY STAR® 3.0 compliant for less energy use. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. EPEAT Gold as of April, 2021. EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

² CO₂e reduction based on moving from plastic ink cartridge to cardboard HP Eco-Carton ink cartridge, with annual manufacturing savings of 36 tons and transport savings of 1 ton. Equivalent to 147,755 km (91,811 miles) driven by an average passenger vehicle or 4,718,692 million smartphones charged.

³ The ink cartridge HP Eco-Carton outer carton is 100% recyclable through local cardboard/paper programs. Inner materials including the ink bag are 55% recyclable and can be returned free of charge to the HP Planet Partners program for reprocessing of plastic parts. Zero landfill. For take-back of ink bag/printheads/prints, visit <http://www.hp.com/recycle> to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction.

⁴ For certifications, see <http://www.ul.com/EL>.



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