



HP PageWide XL 5000 Printer series

Powerful, efficient monochrome and color production with up to 30% savings in total production costs¹



LEAD

Fast delivery times in monochrome and color

- Up to 14 D/A1 pages/minute print speed, quick 30-second first page out
- Deliver mixed monochrome and color sets in 50% of the time with a consolidated workflow²
- Start printing in 50% of the time³—an ultra-fast processor, native PDF management, HP SmartStream software
- Free up the operator—production stacker/online folder,⁴ up to 4 rolls, dual ink supplies with auto-switch

GROW

Fast color, excellent document quality

- Generate new business growth—print GIS map, point-of-sale (POS) poster applications at breakthrough speeds
- Set a new technical document standard with crisp lines, fine detail, and smooth grayscales that beat LED⁵
- HP PageWide XL pigment ink for dark blacks, vivid colors, moisture/fade resistance—even on uncoated bond⁶
- Print on a wide range of media up to 40 inches/101.6 cm—covering ISO/US technical and offset standards⁷

For more information, please visit hp.com/go/pagewidexl/5000series

SAVE

Cut total production costs up to 30%¹

- Print monochrome and color technical documents at the same or lower cost than comparable LED printers⁸
- Do it all with one space-saving device for both monochrome and color, or opt for the MFP to print/scan/copy
- Cut job preparation and finishing costs up to 50%²
- See up to 5 times lower energy consumption than comparable LED printers⁹

Eco Highlights

- Save paper with automatic print settings and image nesting
- ENERGY STAR[®] certified and EPEAT Silver registered¹
- Free, convenient HP ink cartridge recycling²
- FSC[®]-certified papers,³ range of recyclable HP media⁴



¹ EPEAT registered where applicable and/or supported. See epeat.net for registration status and rating by country.
² Program availability varies. Please check hp.com/recycle for details.
³ BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit HPLFMedia.com.
⁴ Can be recycled through commonly available recycling programs.

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



Beat record delivery with consolidated workflows—produce mixed monochrome and color sets in 50% of the time.² Achieve up to 30% savings in total production costs.¹ Save space and trim workflow cost with a single device for monochrome and color, or print/scan/copy with a multifunction printer.

HP PageWide Technology

The HP PageWide XL 5000 Printer series includes a stationary 40-inch (101.6-cm) printbar that spans the whole printing width. As paper moves under the printbar, the entire page is printed in one pass, enabling very high printing speeds.



8 HP PageWide XL ink cartridges
(2 x 400-ml per color with auto-switch)

HP PageWide XL pigment ink for HP PageWide XL printers

HP PageWide XL pigment ink is specially designed to provide reliable and dependable operation with HP PageWide XL printers and produce high-quality output:

- Dark blacks and vivid colors on a range of media including uncoated bond papers
- Moisture- and fade-resistant prints⁶

Proven technology for reliable operation

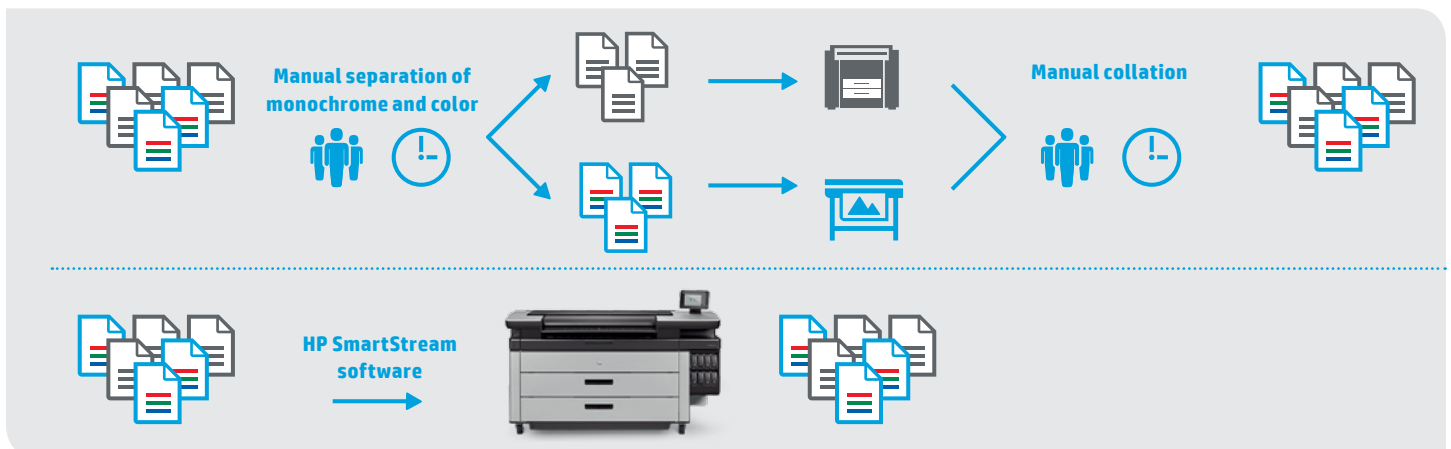
Designed for mid-volume production, the HP PageWide XL 5000 Printer series is based on proven HP PageWide Technology, currently powering HP PageWide Web Presses—producing 4 billion impressions monthly—and HP X series business printers.

HP 841 PageWide XL Printheads provide reliable and long-life operation, with an average life per printhead of 32 liters.

Save time and reduce complexity by consolidating your monochrome and color workflows

Get away from the complex and lengthy process in which color and monochrome pages must be manually separated by an operator, who must then send color and monochrome to two different printers, and then finally manually collate the color and monochrome pages together.

Now you can consolidate your workflow by delivering mixed monochrome and color sets that help to contribute to up to 30% savings in total production costs.¹



Print fast, deliver faster

1. Using HP SmartStream Preflight Manager, jobs can be prepared in 50% of the time³
2. With an ultra-fast processor and the embedded Adobe PDF Print Engine 3,¹⁰ HP PageWide XL printers are designed for quick processing, including the most complex jobs
3. Print up to 14 D/A1 pages/minute in monochrome and color
4. Reduce the wait for short jobs with a quick, 30-second first page out

Set a new quality standard for technical documents

HP 841 PageWide XL Printheads, working with HP PageWide XL pigment ink, are designed to produce durable and high-quality output with dark blacks and vivid colors.

Accurate and reliable dot placement results in crisp lines, fine detail, and smooth grayscales. HP PageWide XL printers do not apply heat to the paper as part of the printing process, enabling very high levels of length accuracy ($\pm 0.1\%$).

Save space and trim workflow cost with a single device for monochrome and color, or print/scan/copy with a multifunction printer



1. **Up to 4 rolls**—automatic roll switching when a roll is depleted or a different page size is selected.
2. **Dual HP ink supplies** with auto-switch—replace used cartridges while the printer is running.
3. **8-inch touchscreen**—status light reports current status and provides progressive alerts on potential issues that could impact production (i.e., out of paper or ink).
4. **Top stacker** designed to save space. With a capacity of up to 100 pages. Combine with the HP PageWide XL Folder⁴ or the HP PageWide XL High-capacity Stacker for second output path.
5. **High-capacity** output solutions specially designed to keep up with HP PageWide XL print speeds (high-capacity stacker and online folder).⁴

Technical specifications

| | | | |
|-------------------------------------|--------------------------------|---|--|
| General | Description | Large-format color MFP or printer | |
| | Technology | HP PageWide Technology | |
| | Applications | Line drawings, Maps, Orthophotos, Posters | |
| | Ink types | Pigment-based (cyan, magenta, yellow, black) | |
| | Ink cartridges | 8 (2x 400-ml per color) with auto-switch | |
| | Printheads | 8x HP 841 PageWide XL Printheads | |
| | Average printhead life | 32 liters | |
| | Printhead warranty | 10 liters or 12 months from installation | |
| | Print resolution | 1200 x 1200 dpi | |
| | Minimum line width | 0.02 mm (0.0008 in) (HP-GL/2 addressable) | |
| | Guaranteed minimum line width | 0.085 mm (0.0033 in) (ISO/IEC 13660:2001(E)) ¹⁾ | |
| | Line accuracy | +/- 0.1% ²⁾ | |
| | Print speed | Maximum print speed | 9 m/min (27.8 ft/min) |
| | | A1/Arch D/ANSI D (long edge first) | 14 pages/min, 600 pages/h |
| A0/Arch E/ANSI E (short edge first) | | 7 pages/min, 300 pages/h | |
| ISO B1 (long edge first) | | 10 pages/min, 500 pages/h | |
| Warm-up time | | No warm up | |
| First page out | | 30 sec (from Ready mode) | |
| Media | | Media rolls | 2 rolls default with auto-switching, expandable to 4 rolls |
| | | Roll width | 279 to 1016 mm (11 to 40 in) |
| | | Roll length | Up to 200 m (650 ft) |
| | | Roll diameter | Up to 177 mm (7 in) |
| | Roll core diameter | 7.6 cm (3 in) | |
| | Printable width | Up to 1000 mm (39.4 in) | |
| | Printable length ³⁾ | Up to 90 m (295 ft) for CAD and 30 m (98 ft) for poster | |
| | Media weight | 70 to 200 g/m ² (19 to 53 lb) | |
| | Media thickness | Up to 0.4 mm (15.7 mil) | |
| | Media types | Bond and recycled papers, poster papers, polypropylene, tyvek | |
| | Media output (standard) | Basket | |
| | Media output (optional) | High-capacity stacker, online folder, ⁴⁾ top stacker ¹⁴⁾ | |
| | High-capacity stacker | Maximum page size | 102 x 122 cm (40 x 48 in) ¹⁵⁾ |
| | | Capacity | Up to 500 pages |
| Media weight | | 70 to 200 g/m ² (19 to 53 lb) | |
| Dimensions | | 101 x 125 x 108 cm (55.6 x 49.1 x 42.6 in) | |
| Weight | | 140 kg (308 lb) | |
| Online folder⁴⁾ | | Page width | 28 to 91.4 cm (11 to 36 in) |
| | | Page length | Cross fold: 2.5 m (8.2 ft) Fan fold: 6 m (19.7 ft) (standard), unlimited (optional with HP PageWide XL Folder Upgrade Kit for Long Plots ¹⁶⁾) |
| | | Media weight for folding | 75 to 90 g/m ² (20 to 24 lb) |
| | | Media weight for stacking | 75 to 200 g/m ² (20 to 53 lb) |
| | | Capacity | Up to 150 (A0) |
| | Dimensions | 1626 x 1245 x 1842 mm (64 x 49 x 72.5 in) (1626 x 1245 x 2150 mm with Tab applicator (64 x 49 x 84.6 in)) | |
| | Weight | 310 kg (683 lb), (350 kg (772 lb) with Tab applicator) | |
| | Tab applicator | Available with HP PageWide XL Folder with Tab applicator only | |
| | Scanner | Description | 36-in (91-cm) CIS scanner |
| | | Speed | Color: up to 7.62 cm/sec (3 in/sec) at 200 dpi Grayscale: up to 25.4 cm/sec (10 in/sec) at 200 dpi |
| Optical resolution | | 1200 dpi | |
| Scan width | | Up to 914 mm (36 in) | |
| Original thickness | | Up to 0.26 mm (0.01 in) | |
| Maximum copy length | | 9512 mm (374.48 in) | |
| Maximum scan length | | 18000 mm (708.66 in) (TIFF, 24-in wide original at 200 dpi), 8000 mm (314.96 in) (JPEG), 5000 mm (196.85 in) (PDF) | |
| Scan format (standard) | | JPEG, TIFF, PDF 1.7, multi-page PDF 1.7 | |
| Scan features | | Preview with cropping, scan quicksets, batch scanning | |
| Scan destination | | USB, network folder (SMB), scan to email, scan to HP SmartStream software | |
| Embedded controller | | Processor | Intel Core i3 |
| | | Memory | 8 GB DDR3 |
| | | Hard drive | 1x 500 GB HDD, self-encrypted with AES-256 |
| | | Print languages (standard) | HP-GL/2, PCL 3 Win, Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG |
| Connectivity | Remote management | HP Partner Link, HP Embedded Web Server, HP Web Jetadmin | |
| | Interfaces | TCP/IP, BootP/DHCP, USB 2.0 host (certified) | |
| | Printing paths | HP SmartStream software (optional) HP Universal Print Driver (HP-GL/2 and PS) HP PageWide XL print drivers (PDF, HP-GL/2, and PS) | |
| User interface | User interface | 8-inch capacitive touchscreen | |

¹⁾ Production costs savings based on an HP PageWide XL 5000 Printer compared with a combination of a mid-volume monochrome LED printer and a mid-volume color production printer (both under \$40,000 USD) as of April, 2015. Production costs consist of supplies and service costs, printer energy costs, and operator costs. For testing criteria, see hp.com/go/pagewidexlclaims.

²⁾ Based on internal HP testing on the HP PageWide XL 5000 Printer compared to preparing and printing the job on two different printers (one comparable monochrome mid-format for the monochrome pages and one color printer for the color pages). For testing criteria, see hp.com/go/pagewidexlclaims.

³⁾ Using HP SmartStream software compared with using equivalent software programs. For testing criteria, see hp.com/go/pagewidexlclaims.

⁴⁾ The online folder is an optional accessory.

⁵⁾ For output produced with HP PageWide XL printers and LED printers from different manufacturers and that represent greater than 50% of the annual shipments of LED printers in North America as of 2014 according to IDC. For testing criteria, see hp.com/go/pagewidexlclaims.

⁶⁾ Compared to prints produced with HP 970/971/980 inks that are fade and moisture resistant per ISO 11798 Permanence and Durability Methods certification. For testing criteria, see hp.com/go/pagewidexlclaims.

⁷⁾ ISO/US technical and offset standards include American ANSI and Architectural page size standards, ISO A technical document standard, and ISO B offset page size standard.

⁸⁾ Based on supplies and service costs. Monochrome technical document printing costs for comparable mid-volume LED printers based on printers for large-format printing of technical documents at speeds between 8 and 13 D/A1 per minute as of April, 2015 which represent more than 80% of the share of mid-volume LED printers in the US and Europe in 2014 according to IDC. Color technical document printing costs for comparable mid-volume color printers based on printers

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|----------------------|-------------------------|--|
| Dimensions | Printer | 1960 x 800 x 1303 mm (77.2 x 31.5 x 51.3 in) |
| | Shipping | 2180 x 1068 x 1764 mm (86.8 x 42.1 x 69.5 in) |
| Weight | Printer | 430 kg (948 lb) |
| | Shipping | 521 kg (1148 lb) |
| Environmental | Operating temperature | 5 to 40°C (41 to 104°F) |
| | Recommended temperature | 15 to 35°C (59 to 95°F) |
| Acoustic | Operating humidity | 20 to 80% RH, depending on media type |
| | Sound pressure | 53 dB(A) (printing), 35 dB(A) (ready), <24 dB(A) (sleep) |
| Power | Sound power | 7.1 B(A) (printing), 5.2 B(A) (ready), 4.2 B(A) (sleep) |
| | Consumption | 0.46 kW (typical); 0.8 kW (max printing); 108.4 watts (ready); < 1 watts (< 4.6 watts with embedded Digital Front End) (sleep) |
| Certification | Requirements | Input voltage (auto ranging) 100-127/200-240 ± 10% VAC, 50/60 ± 3 Hz, 10/5 A |
| | Safety | IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC) |
| Warranty | 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 Silver, CE marking (including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine. |

Ordering information

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| Product | CZ310B | HP PageWide XL 5000 40-in Printer with High-capacity Stacker and PostScript/PDF | |
| | CZ310C | HP PageWide XL 5000 40-in Printer with Top Stacker and PostScript/PDF | |
| | CZ311B | HP PageWide XL 5000 40-in Multifunction Printer with High-capacity Stacker and PostScript/PDF | |
| | CZ311C | HP PageWide XL 5000 40-in Multifunction Printer with Top Stacker and PostScript/PDF | |
| Accessories | CZ318A | HP PageWide XL Drawer | |
| | CZ319A | HP PageWide XL High-capacity Stacker | |
| | CZ320A | HP PageWide XL Top Stacker ¹⁴⁾ | |
| | G6H50A | HP DesignJet SD Pro Scanner | |
| | G6H51A | HP DesignJet HD Pro Scanner | |
| | K5H75A | HP PageWide XL Folder | |
| | L3J69AAE | HP SmartStream Preflight Manager | |
| | L3J74AAE | HP SmartStream Print Controller for HP PageWide XL 5000 Printer series | |
| | L3M58A | HP PageWide XL Folder with Tab Applicator | |
| | MOV04A | HP PageWide XL Folder Upgrade Kit for Long Plots ¹⁶⁾ | |
| | C1Q19A | HP 841 PageWide XL Printhead | |
| | F9J47A | HP 841 PageWide XL Cleaning Container | |
| | F9J48A | HP 841 PageWide XL Maintenance Cartridge | |
| | Original HP PageWide XL ink cartridges | F9J82A | HP 848A 400-ml Black PageWide XL Ink Cartridge |
| | | F9J83A | HP 848A 400-ml Cyan PageWide XL Ink Cartridge |
| | | F9J84A | HP 848A 400-ml Magenta PageWide XL Ink Cartridge |
| F9J85A | | HP 848A 400-ml Yellow PageWide XL Ink Cartridge | |
| Original HP large format printing materials | L4L08A | HP Universal Bond Paper, 3-in Core (FSC® certified) ¹⁷⁾ 914 mm x 152.4 m (36 in x 500 ft) | |
| | L5P98A | HP Production Matte Poster Paper, 3-in Core (FSC® certified) ¹⁷⁾ 1016 mm x 91.4 m (40 in x 300 ft) | |
| | L5Q03A | HP Production Satin Poster Paper, 3-in Core (FSC® certified) ¹⁷⁾ 1016 mm x 91.4 m (40 in x 300 ft) | |
| | L5C80A | HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified) ¹⁷⁾ 914 mm x 91.4 m (36 in x 300 ft) | |
| | L6B19A | HP Matte Polypropylene, 3-in Core 1016 mm x 45.7 m (40 in x 150 ft) | |

Enjoy best-in-class support services, knowing HP works with HP PageWide XL Channel Partners to enable them to be properly trained, certified, and equipped to meet your needs. With efficient support and innovative support features, such as printer self-monitoring, predefined resolution paths, and intuitive maintenance wizards, you can work with confidence every day. For more information, please visit hp.com/go/pagewidexlservice.

HP Financial Services can help you acquire an HP PageWide XL printing solution and accelerate the benefits to your business. Our solutions can help you increase your flexibility by preserving cash, freeing up budgets with a monthly payment structure, and offering an easy option to upgrade to the latest model when your business is ready. For more information, please visit hp.com/hpfinancialservices

capable of printing 4 D/A1 pages per minute or more and under \$50,000 USD for large-format printing of technical documents as of April, 2015 and representing more than 80% of the market in the US and Europe in 2014 according to IDC. For testing criteria, see hp.com/go/pagewidexlclaims.

⁹⁾ Conclusions based on internal HP testing for a specific use scenario. Comparable printers using LED technology based on LED printers capable of printing 8 to 13 D/A1 pages per minute and which represent more than 80% of the share of mid-volume LED printers in the US and Europe according to IDC as of April, 2015. For testing criteria, see hp.com/go/pagewidexlclaims.

¹⁰⁾ Adobe PDF Print Engine 3 is the next-generation rendering platform, optimized for end-to-end PDF workflows. Adobe PDF Print Engine 3 combines performance optimizations with a new scalability framework to power high-speed digital presses, large-format printers, and CTP platesetters. Adobe PDF Print Engine 3 is the fastest rendering platform for reliable reproduction of complex, graphically rich content. To learn more, visit adobe.com/products/pdf/printengine.

¹¹⁾ Measured on HP Universal Bond Paper.

¹²⁾ +/- 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 Matte Polypropylene and Original HP inks.

¹³⁾ For longer plots (up to 656 ft), image quality might be affected.

¹⁴⁾ Available as of January 2016.

¹⁵⁾ Long plots with reduced capacity.

¹⁶⁾ Available as of November 2015.

¹⁷⁾ BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit HPLFMedia.com.



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