



# HP PageWide XL 8200 40-in Printer

High efficiency—the fastest large format printing<sup>1</sup> and cost-efficient production workflow



## React immediately, and meet the tightest deadlines

- Respond immediately with the fastest large-format printer<sup>1</sup>—up to 30 D/A1 pgs/min<sup>2</sup>—end-to-end productivity.
- Reliable technical prints with HP PageWide XL pigment inks—vivid color, crisp lines, fine detail beat LED.<sup>3</sup>
- Gain productivity—one device delivers mixed sizes/paper types in 50% of the time, no mono/color collating.<sup>4</sup>
- Start printing in 50% of the time<sup>5</sup> with an ultra-fast processor, native PDF management, and HP SmartStream.

## Boost efficiency, enhanced workflows and security

- The market's largest 15-inch touchscreen<sup>6</sup> 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 printer<sup>7</sup>—control printer access, create security settings.

## Full end-to-end solution, up to 50% less costs<sup>8</sup>

- 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.<sup>8</sup>
- Up to 10 times lower energy consumption than comparable LED printers.<sup>9</sup>
- Eco-Carton replaces plastic cartridge—80% reduction in plastic and 66% CO<sub>2</sub>e reduction<sup>10</sup>, free take back.<sup>11</sup>

For more information, please visit <http://www.hp.com/go/pagewidexl8200>

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: <http://www.hp.com/go/learnaboutsupplies>

<sup>1</sup> Based on testing commissioned by HP and performed by Sogeti in October, 2020. Fastest compared to alternatives for large-format printing of technical documents, GIS maps, and point-of-sale (POS) posters under \$200,000 USD as of October, 2020.

<sup>2</sup> The HP PageWide XL 8200 Printer delivers 30 CAD output D/A1 prints in 1 minute. Number of pages will vary depending on the print mode and application printed.

<sup>3</sup> Based on testing commissioned by HP and performed by Sogeti in September, 2020. Fine detail based on the number of line breaks found in 1.5 mm of line. On vertical 1 px C,M,Y,K lines. Printed on Océ 75 g plain paper using equivalent fast/high-speed print modes. For output produced with an HP PageWide XL 8200 Printer and comparable printers from different manufacturers and that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC.

<sup>4</sup> Based on testing commissioned by HP and performed by Sogeti in September, 2020 comparing the HP PageWide XL 8200/5200 Printer series and a comparable competitive printer that represents the majority market share of LED printers worldwide as of 2019 according to IDC, by preparing and printing the job. Test performed by sending 3 copies of a 6-page file combining sizes A0, A1 and plain, coated paper types. Measuring time from clicking "send" button until last page out of the printer. Printed in fast/CAD equivalent print quality mode.

<sup>5</sup> Based on testing commissioned by HP and performed by Sogeti in September, 2020. Test comparing select competitor printers that represent the majority market share of LED printers worldwide as of 2019 according to IDC, and software to HP SmartStream software, measuring the time required to extract pages from a 63-page document and print them using several printers compared with using equivalent software programs.

<sup>6</sup> Based on comparison of published security specifications commissioned by HP and performed by Sogeti in September, 2020. Comparison of the HP PageWide XL portfolio and competitors that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC.

<sup>7</sup> Based on comparison of published security specifications commissioned by HP and performed by Sogeti in September, 2020. Comparison of the HP PageWide XL portfolio and competitors that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC. Comparison matrix and further details available upon request.

<sup>8</sup> Calculation based on total cost of ownership comparison and a comparable competitive printer that represents the majority market share of LED printers worldwide as of 2019 according to IDC. Analysis period of 5 years and assuming a production of 10,000 m<sup>2</sup>/month with a printing category distribution of 50% color lines and 50% black and white lines on the HP PageWide XL 8200 Printer vs. printing color lines plots on a comparable competitive printer and black and white plots on a comparable competitive printer. Based on testing commissioned by HP and performed by Sogeti in September, 2020.

<sup>9</sup> Based on testing performed internally by HP based on ISO 20690 and performed September, 2020. Comparable printers using LED technology based on LED printers capable of printing 16-22 D/A1 pages per minute and which represent the majority market share of mid-volume LED printers in the US and Europe according to IDC as of October, 2020.

<sup>10</sup> CO<sub>2</sub>e 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.

<sup>11</sup> For free take-back of inner ink bag and printheads, 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. Where this program is not available, and for other consumables not included in the program, consult your local waste authorities on appropriate disposal.

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                  | 0.02 mm (HP-GL/2 addressable)   |
| Line accuracy                       | ±0.1% <sup>1</sup>  |
| Print speed                         |   |
| Maximum print speed                 | 23 m/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                           | 279 to 1016 mm  |
| Roll diameter                       | Up to 177 mm  |
| Roll core diameter                  | 7.6 cm  |
| Grammage                            | 70 to 200 g/m <sup>2</sup>  |
| Media thickness                     | Up to 0.4 mm  |
| Media types                         | Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film          |
| Media output (optional)             | Top stacker, high-capacity 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   |
| Print languages (optional)          | Adobe PostScript 3, Adobe PDF 1.7 (with PS/PDF upgrade)                                   |
| 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                             | 1955 x 785 x 1637 mm  |
| Shipping                            | 2257 x 1040 x 1578 mm   |
| Weight                              |   |
| Printer                             | 448 kg  |
| Shipping                            | 577 kg  |

|                       |   |
|-----------------------|---|
| Environmental         |   |
| Operating temperature | 5 to 40°C   |
| 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                       |  |
| 4VW18A                        | HP PageWide XL 8200 40-in Printer  |
| Accessories                   |  |
| 8S802A                        | HP PageWide XL Drawer  |
| 8S803A                        | HP PageWide XL High-capacity Stacker   |
| 8S807A                        | HP PageWide XL PostScript/PDF Upgrade Kit                                      |
| 8S809A                        | HP PageWide XL Folder Upgrade Kit for Long Plots                               |
| 8SF70A                        | HP F70 Folder  |
| 8SW00A                        | HP SmartStream USB 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                     |
| Original HP printing supplies |  |
| 1XA79A                        | HP 867B 1-liter Magenta PageWide XL Ink Cartridge                              |
| 1XA80A                        | HP 867B 1-liter Yellow PageWide XL Ink Cartridge                               |
| 1XA81A                        | HP 867B 1-liter Cyan PageWide XL Ink Cartridge                                 |
| 1XA82A                        | HP 866B 1-liter Black PageWide XL Ink Cartridge                                |
| 3WW73A                        | HP 874/876 PageWide XL Cleaning Container                                      |
| 3WW99A                        | HP 841/874/876 PageWide XL Maintenance Cartridge                               |
| C1Q19A                        | HP 841/874 PageWide XL Printhead   |

|  |  |
|--|--|
| Original HP large format printing materials  |  |
| HP Universal Bond Paper, 3-in Core (FSC® certified) <sup>2</sup> (recyclable) <sup>3</sup>               |  |
| HP Production Matte Poster Paper, 3-in Core (FSC® certified) <sup>2</sup> (recyclable) <sup>3</sup>      |  |
| HP Production Satin Poster Paper, 3-in Core (FSC® certified) <sup>2</sup> (recyclable) <sup>3</sup>      |  |
| HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified) <sup>2</sup> (recyclable) <sup>3</sup> |  |
| 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 product<sup>1</sup>
- Eco-Carton replaces plastic cartridge with 80% reduction in plastic, achieves 66% CO2e reduction<sup>2</sup>
- Zero landfill—local outer carton recycling, free take-back of inner ink bag and printheads<sup>3</sup>
- Inks are UL ECOLOGO® Certified and verified for Nordic Swan Ecolabeled printing companies<sup>4</sup>

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

<sup>1</sup> 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.  
<sup>2</sup> 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.  
<sup>3</sup> 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.  
<sup>4</sup> For certifications, see <http://www.ul.com/EL>.

<sup>1</sup> ±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 HP PageWide XL pigment ink.  
<sup>2</sup> 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. For information about HP large format printing materials, please visit <http://www.HPLFMedia.com>.  
<sup>3</sup> Can be recycled through commonly available recycling programs.