



# HP PageWide XL Printer portfolio

Move your business forward with  
monochrome, color and immediate  
outputs all in one printer.



*With more than 5,000 units sold and 3 billion ft<sup>2</sup> (300 million m<sup>2</sup>) printed since the launch of HP PageWide XL printers in 2015, more customers are discovering the revolutionary nature of HP PageWide Technology and the value that HP PageWide XL printers bring to businesses across the globe.*

## The fastest large-format monochrome and color printing with up to 50% savings in total production costs<sup>1</sup>

### ACCELERATE Radically faster delivery

- Print monochrome and color at speeds up to 75 feet/min (23 meters/min)—60% faster than the fastest monochrome LED printer<sup>2</sup>
- Deliver mixed monochrome and color sets in 50% of the time with a consolidated workflow<sup>3</sup>
- Start printing in 50% of the time with an ultra-fast processor, native PDF management, and HP SmartStream software<sup>4</sup>
- Rely on proven HP PageWide Technology for dependable, high-speed printing in today's most demanding printing environments<sup>5</sup>

### GROW Fast color, excellent document quality

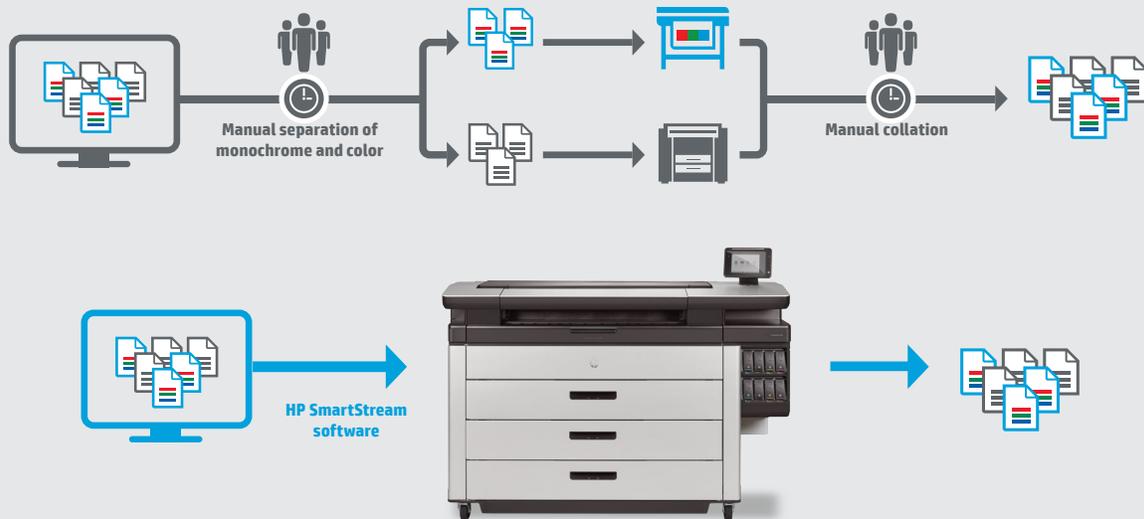
- Generate new business growth—print GIS map and point-of-sale (POS) poster applications at breakthrough speeds
- Set a new technical document quality standard—HP PageWide Technology prints crisp lines, fine detail, and smooth grayscales that beat LED<sup>6</sup>
- Construction-site ready with HP PageWide XL pigment ink for dark blacks, vivid colors—even on uncoated bond—in moisture-, fade-resistant prints<sup>7</sup>
- Print on a wide range of media up to 101.6 cm/40 inches—covering ISO/US technical and offset standards<sup>9</sup> (ISO 11798 certified)

### SAVE Cut total production costs up to 50%<sup>1</sup>

- Print monochrome technical documents at the same or lower cost than comparable LED printers<sup>9</sup>
- Print color technical documents at the lowest cost in the market<sup>10</sup>
- Cut job preparation and finishing costs up to 50%<sup>3</sup>
- See up to 10 times lower energy consumption than comparable LED printers<sup>11</sup>

## Avoid manual jobs. Print monochrome, color technical documents faster at the same or lower cost than comparable LED printers.<sup>12</sup>

Stop manually separating monochrome and color pages from mixed sets, to afterwards send those separated pages to two different printers via two different types of job submission software, only to manually collate those pages together again.



## Do more in the same time. HP PageWide XL has the fastest print speed in the market<sup>13</sup>



Print up to 30 A1/D pages min  
(1500 A1/D pages/hr)



First page printed in up to 20  
seconds with no warm-up time

## Set a new technical document standard with crisp lines, 2-point text, smooth grayscales, and vibrant color



Produce a variety of high-quality jobs. HP PageWide XL pigment inks—ISO 11798 certified for long-term storage, light/water resistance. Communicate more effectively, and get prints right the first time.

## Workflow solutions

### HP SmartStream

Your production workflow, two times more efficient.<sup>14</sup>

- Meet the tightest deadlines with ultra-fast HP SmartStream Preflight Manager file analysis and processing
- Reduce reprints—rely on native PDF management with Adobe PDF Print Engine 4<sup>15</sup>
- Ensure files are produced reliably with the automatic detection of potential issues
- Stop changing settings one by one—efficiently manage large sets of files and create presets to bundle all desired settings
- Enhance advanced printing workflows with optional HP SmartStream modules that will help you grow your business.

Document Organizer Module: easily rename large sets of files using OCR technology

Pixel Analysis Module: provide accurate quotes before printing

### HP Click

Radically simple printing experience for HP DesignJet printers and the HP PageWide XL 5100 and 4000/4500 Printer series<sup>17</sup>

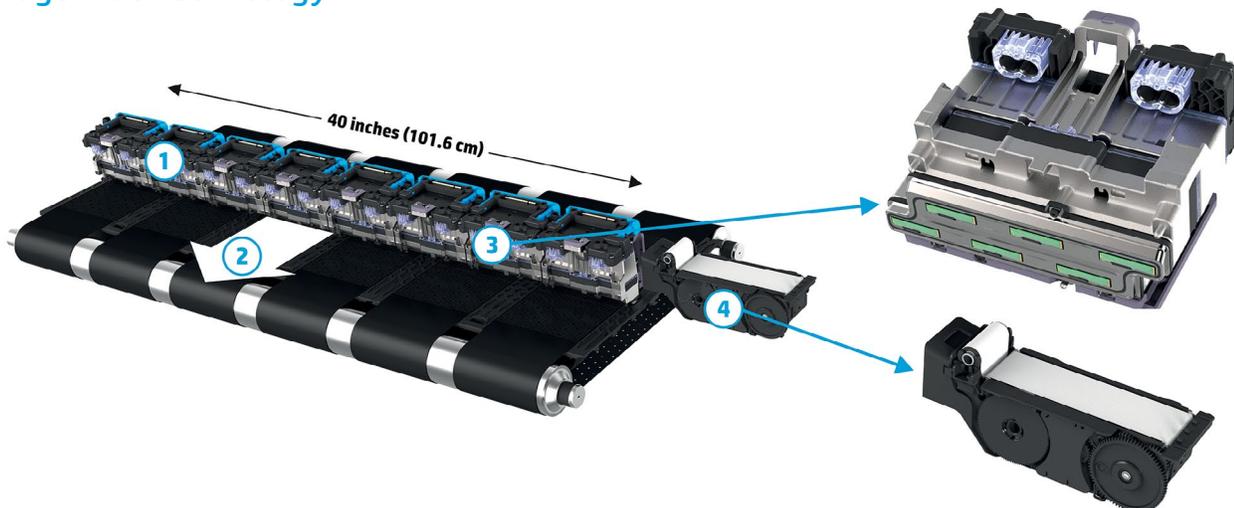
- Optimize media usage and cost with features like PDF error check, auto-orientation, resizing and alignment, and automatic nesting
- Easily print many applications, from posters and roll-up banners to CAD drawings and maps
- Enjoy real-print preview, driverless and multi-page/multi-file PDF printing

### HP SmartTracker

Gain broad control over your printing costs and turn them to your advantage.

- Track printing data across multiple HP PageWide XL printers<sup>16</sup> and easily create consolidated reports to analyze your printing costs, or enable reimbursement.
- Avoid manual data entry and easily merge data from HP SmartStream/HP Click/driver/front panel/MFP<sup>16</sup>
- Assign jobs by print user, project, and department, or edit the categories to fit your workflow
- Get secure print job assignment, with optional password-protected categories that help prevent errors
- Get the complete detail—you can access the source data on a per-page basis
- Only compatible with Original HP ink supplies

## HP PageWide Technology



HP PageWide XL printers include a stationary 40-inch (101.6-cm) printbar (1) that spans the whole printing width. The entire page is printed in one pass (2), enabling very high printing speeds.

The Printbar is built from 8 identical HP 841 PageWide XL Printhead modules (3) with the following characteristics:

- 5.08 inches (129 mm) per module
- 4 colors (cyan, magenta, yellow, black)
- 1200 nozzles per inch and per color

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

32 liters. Print quality and consistency is provided by a closed-loop system contained in the service station (4).

The service station includes sensors that detect nozzle status and a densitometer used for color calibration and printhead alignment. All necessary corrections and cleanings are performed automatically.

To help maximize productivity, HP 841 PageWide XL Printheads and HP PageWide XL pigment inks are specially designed to enable extended time between service station cycles of up to hundreds of pages.

# The HP PageWide XL Printer portfolio



	HP PageWide XL 8000 Printer	HP PageWide XL 6000 Printer series		HP PageWide XL 5100 Printer series		HP PageWide XL 4500/4000 Printer series								
	The fastest large-format monochrome and color printer ever, with up to 50% savings in total production costs <sup>3</sup>	High-powered, productive monochrome and color printing—with up to 30% savings in total production costs <sup>18</sup>		Instant monochrome and color printing—with up to 30% savings in total production costs <sup>10</sup>		Do the work of two printers with one—faster and lower cost than LED <sup>12</sup>								
	HP PageWide XL 8000 Printer	HP PageWide XL 6000 MFP	HP PageWide XL 6000 Printer	HP PageWide XL 5100 MFP	HP PageWide XL 5100 Printer	HP PageWide XL 4500 MFP	HP PageWide XL 4500 Printer	HP PageWide XL 4000 MFP	HP PageWide XL 4000 Printer	HP PageWide XL 4000 MFP	HP PageWide XL 4000 Printer			
Product number	CZ309B	2RQ10B	2RQ11B	2RQ08B	2RQ08C	2RQ09B	2RQ09C	CZ312A	CZ312H	CZ313A	CZ313H	MOV02A	MOV02H	MOV01A
Print speed (D/A1 pages/min)	Up to 30	Up to 24		Up to 20		Up to 20		Up to 12		Up to 12		Up to 8		Up to 8
Print range	All HP PageWide XL devices print from A to E (A4 to A0), and have a roll width from 11 to 40 in (279 to 1016 mm)	All HP PageWide XL devices print from A to E (A4 to A0), and have a roll width from 11 to 40 in (279 to 1016 mm)		All HP PageWide XL devices print from A to E (A4 to A0), and have a roll width from 11 to 40 in (279 to 1016 mm)		All HP PageWide XL devices print from A to E (A4 to A0), and have a roll width from 11 to 40 in (279 to 1016 mm)		All HP PageWide XL devices print from A to E (A4 to A0), and have a roll width from 11 to 40 in (279 to 1016 mm)		All HP PageWide XL devices print from A to E (A4 to A0), and have a roll width from 11 to 40 in (279 to 1016 mm)		All HP PageWide XL devices print from A to E (A4 to A0), and have a roll width from 11 to 40 in (279 to 1016 mm)		All HP PageWide XL devices print from A to E (A4 to A0), and have a roll width from 11 to 40 in (279 to 1016 mm)
Ink cartridges	775 ml Cyan, magenta, yellow, black; dual HP ink supplies with auto-switch	400 ml Cyan, magenta, yellow, black; dual HP ink supplies with auto-switch		400 ml Cyan, magenta, yellow, black; dual HP ink supplies with auto-switch		400 ml Cyan, magenta, yellow, black; dual HP ink supplies with auto-switch		400 ml Cyan, magenta, yellow, black		400 ml Cyan, magenta, yellow, black		400 ml Cyan, magenta, yellow, black		400 ml Cyan, magenta, yellow, black
Maximum number of rolls	Up to 6	Up to 4		Up to 4		Up to 4		Up to 4		Up to 4		Up to 4		Up to 4
Integrated 1200 dpi scanner	-	✓	-	✓	-	-	✓	-	-	✓	-	-	-	-
Paper output (standard)	Basket	Basket		Basket		Basket		Top stacker		Top stacker		Top stacker		Top stacker
Paper output (optional)	Folder, high-capacity stacker, and top stacker	Folder, high-capacity stacker, and top stacker		Folder, high-capacity stacker, and top stacker		Folder, high-capacity stacker, and top stacker		-	-	-	-	-	-	-

Enjoy best-in-class support services, as well as best-in-class printing reliability and performance. Work with peace of mind, knowing HP works with HP PageWide XL Channel Partners to enable them to be trained, certified, and equipped to meet your needs. HP also monitors customer satisfaction to help ensure support quality. Benefit from innovative support features such as printer self-monitoring, predefined resolution paths as technical issues occur, and intuitive maintenance schedules and wizards that can help you avoid unexpected downtime. For more information, please visit [hp.com/go/pagewidexlservice](http://hp.com/go/pagewidexlservice)

<sup>1</sup> Fastest based on internal HP testing and methodology compared to alternatives for large-format printing of technical documents, GIS maps, and point-of-sale (POS) posters under \$200,000 USD as of March, 2015. Production costs savings based on comparison to a setup consisting of one monochrome LED printer and one color production printer, both under \$150,000 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](http://hp.com/go/pagewidexlclaims).

<sup>2</sup> With a maximum linear speed of 23 meters/minute (75 feet/minute), the HP PageWide XL 8000 Printer is 60% faster than the KIP 9900 printer which, at 14 meters/minute (47 feet/minute), is the fastest rated LED printer as of March, 2015.

<sup>3</sup> Based on internal HP testing on the HP PageWide XL 8000 Printer compared to using two different printers (one monochrome LED printer, one color printer). For testing criteria, see [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<sup>4</sup> Using HP SmartStream software compared with using equivalent software programs. For testing criteria, see [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<sup>5</sup> Proven HP PageWide Technology powers HP Inkjet Web Presses—currently producing 4 billion impressions monthly—and HP X series business printers.

<sup>6</sup> 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](http://hp.com/go/pagewidexlclaims).

<sup>7</sup> 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](http://hp.com/go/pagewidexlclaims).

<sup>8</sup> 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.

<sup>9</sup> Based on supplies and service costs for comparable LED printers under \$150,000 USD for large-format printing of technical documents as of April, 2015 which represent more than 80% of the share of high-volume LED printers in the US and Europe in 2014 according to IDC. For testing criteria, see [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<sup>10</sup> Based on supplies and service costs for comparable color printers capable of printing 4 D/A1 pages per minute or more and under \$150,000 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](http://hp.com/go/pagewidexlclaims).

<sup>11</sup> Conclusions based on internal HP testing for a specific use scenario. Comparable printers using LED technology based on LED printers capable of printing 18 to 22 D/A1 pages per minute and which represent more than 80% of the share of high-volume LED printers in the US and Europe according to IDC as of April, 2015. For testing criteria, see [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<sup>12</sup> 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 July, 2017 which represent more than 80% of the share of mid-volume LED printers in the US and Europe in 2017 according to IDC. Color technical document printing costs for comparable mid-volume color printers based on printers 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 July, 2017 and representing more than 80% of the market in the US and Europe in 2017 according to IDC. For testing criteria, see [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<sup>13</sup> Fastest based on internal HP testing and methodology compared to alternatives for large-format printing of technical documents, GIS maps, and point-of-sale (POS) posters under \$200,000 USD as of March, 2015. Production costs savings based on comparison to a setup consisting of one monochrome LED printer and one color production printer, both under \$150,000 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](http://hp.com/go/pagewidexlclaims).

<sup>14</sup> Using HP SmartStream software, job preparation and processing can be completed in 50% of the time. Conclusion based on an HP internal test, March 2015 comparing select competitor printers and software to HP SmartStream software with the HP DesignJet T7100 Printer and HP PageWide XL printers, measuring the time required to extract pages from a 50-page document and print them using several printers compared with using equivalent software programs.

<sup>15</sup> The Adobe PDF Print Engine (APPE) is Adobe's high speed, high fidelity print platform. Version 4 extends APPE's leading edge for print reproduction with new performance efficiencies and breakthrough rendering features. APPE 4 enables printers to increase workflow efficiency and capitalize on the profit potential of innovations in inkjet print technology. To learn more, visit [adobe.com/products/pdfprintengine](http://adobe.com/products/pdfprintengine).

<sup>16</sup> Data is consolidated across all your HP PageWide XL printers and multifunction printers, with the exception of HP PageWide XL blueprinters, as of March, 2017.

<sup>17</sup> HP PageWide XL PostScript/PDF Upgrade Kit required for HP PageWide XL 4000/4500 Printers.

<sup>18</sup> Measured on HP Universal Bond Paper.

For more information, please visit [hp.com/go/pagewidexl](http://hp.com/go/pagewidexl)

