



**HP 841 PageWide XL Printhead**

# The HP PageWide XL Printer portfolio

## HP PageWide XL color printers

The fastest large-format monochrome and color printing with up to 50% savings in total production costs.<sup>1</sup> Grow with fast GIS map and point-of-sale (POS) poster printing to generate new revenue streams—and excel.

Ideal for:

- Black-and-white line drawings
- Color line drawings
- GIS maps, and orthophotos
- Point-of-sale posters

## HP PageWide XL blueprinters

One printer—clearly superior, archivable black-and-white whiteprints and digital blueprints.<sup>2</sup> Tap into the power of HP PageWide Technology. Increase the number of pages you can deliver in a day. Turn complexity into simplicity for key processes—and increase production.

Ideal for:

- Black-and-white line drawings on uncoated bond paper and natural tracing paper
- Digital blueprints

# HP PageWide XL color printers

Do all your production on one printer for monochrome and color—with breakthrough speeds and 50% savings in total production costs,<sup>1</sup> there are no trade-offs

## ACCELERATE

### Radically faster delivery

- Print monochrome and color at speeds up to 23 meters/minute (75 feet/minute)—60% faster than the fastest monochrome LED printer<sup>3</sup>
- Deliver mixed monochrome and color sets in 50% of the time with a consolidated workflow<sup>4</sup>
- Start printing in 50% of the time<sup>5</sup> with an ultrafast processor, native PDF management, and HP SmartStream software
- Rely on proven HP PageWide Technology for dependable, high-speed printing in today's most demanding printing environments<sup>6</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>7</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>8</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>

## 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>10</sup>
- Print color technical documents at the lowest cost in the market<sup>11</sup>
- Cut job preparation and finishing costs up to 50%<sup>4</sup>
- See up to 10 times lower energy consumption than comparable LED printers<sup>12</sup>



**HP PageWide XL 8000 Printer**  
The fastest large-format monochrome and color printer ever, with up to 50% savings in total production costs<sup>1</sup>



**HP PageWide XL 5000 Printer**  
Powerful, efficient monochrome and color production with up to 30% savings in total production costs<sup>14</sup>



**HP PageWide XL 4000 Printer series**  
Do the work of two printers with one—faster and lower cost than LED<sup>15</sup>

	HP PageWide XL 8000 Printer	HP PageWide XL 5000 Multifunction Printer	HP PageWide XL 4000 Multifunction Printer	HP PageWide XL 4000 Printer
<b>Product number</b>	L3A09A	CZ314A	M0V02A	M0V01A
<b>Print speed (A1/D pages/min)</b>	Up to 30	Up to 14	Up to 8	
<b>Ink cartridges</b>	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	
<b>Maximum number of rolls</b>	Up to 6	Up to 4	Up to 4	
<b>Integrated 1200 dpi scanner</b>	-	✓	✓	-
<b>Paper output (standard)</b>	-	-	Top stacker	
<b>Paper output (optional)<sup>13</sup></b>	Folder or high-capacity stacker, and top stacker	Folder or high-capacity stacker, and top stacker	-	

Easily integrate HP SmartStream software and HP HD and SD Pro Scanners into your production workflow.

# HP PageWide XL blueprinters

Breakthrough speed for black-and-white whiteprints and blueprints

## ACCELERATE

### More pages out 24/7

- Print up to 18 A0/min for whiteprints and digital blueprints; 6 A0/min for natural tracing paper
- Start printing in 50% of the time<sup>5</sup>—an ultra-fast processor, native PDF management, HP SmartStream software
- Free up the operator—production stacker/online folder,<sup>13</sup> up to 6 rolls, dual ink supplies with auto-switch
- Minimize downtime with proven HP PageWide Technology for high-volume print production<sup>6</sup>

## OPTIMIZE

### Improve workflow and help reduce costs

- Competitive cost of operation compared to analog blueprinters and black-and-white LED printers<sup>16</sup>
- Reduce complexity—eliminate manual steps and prevent errors with an automated end-to-end digital workflow
- Easy workflow integration—print from your PC or make copies with easily integrated HP HD and SD Pro scanners
- With no ammonia, you can place your HP blueprinter anywhere to help create a healthier work environment

## IMPRESS

### Set a new quality standard

- Produce crisp lines, fine detail, and smooth grayscales clearly superior to analog blueprints and LED<sup>2</sup>
- HP PageWide XL pigment ink produces archivable prints that are moisture and fade resistant<sup>8</sup>
- Print from a single printer with black and two tones of blue for printing black and blue with adjustable hue



**HP PageWide XL blueprinters<sup>17</sup>**

**Powerful black-and-white and digital blueprint production**

	HP PageWide XL 8000 Blueprinter	HP PageWide XL 5000 Blueprinter
<b>Product number</b>	CZ315A	CZ316A
<b>Print speed (A0 pages/min)</b>	Up to 18 for whiteprints and digital blueprints Up to 6 for natural tracing paper	Up to 7 for whiteprints and digital blueprints Up to 6 for natural tracing paper
<b>Ink cartridges</b>	775 ml Black, B1, B2 Dual HP ink supplies with auto-switch	400 ml Black, B1, B2 Dual HP ink supplies with auto-switch
<b>Maximum number of rolls</b>	Up to 6	Up to 4
<b>Integrated 1200 dpi scanner</b>	-	✓
<b>Paper output (optional)<sup>13</sup></b>	Folder or high-capacity stacker, and top stacker	Folder or high-capacity stacker, and top stacker

Easily integrate HP SmartStream software and HP HD and SD Pro Scanners into your production workflow.

Based on proven HP PageWide Technology—currently powering HP PageWide Web Presses producing 4 billion impressions monthly—HP PageWide XL printers offer breakthrough printing speeds in monochrome and color.

## HP PageWide Technology

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

## 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 to produce high-quality output:

- Dark blacks and vivid colors on a range of media including uncoated bond papers
- Moisture- and fade-resistant prints<sup>8</sup>

## End-to-end productivity



- 1 Using HP SmartStream Preflight Manager, jobs can be prepared in 50% of the time<sup>5</sup>
- 2 With an ultra-fast processor and the embedded Adobe PDF Print Engine 3,<sup>18</sup> HP PageWide XL printers are designed to quickly process including the most complex jobs
- 3 Providing breakthrough productivity:
  - Breakthrough print engine speed of up to 23 meters/minute (75 feet/minute)
  - Very short time between pages (up to 0.15 seconds)
  - Extended time between service station cycles (up to hundreds of pages)
  - Quick switches between loaded rolls (under 5 seconds)
- 4 Bidirectional communication between the HP PageWide XL printer and the high-capacity stacker/online folder<sup>13</sup> provides reliable operation

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 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> Print quality comparison with black-and-white LED printers for output produced with HP PageWide XL printers and LED printers from different manufacturers and that represent greater than 50% of the annual shipments as of 2014 of LED printers in North America according to IDC. Comparison with analog blueprinters. For testing criteria, see [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<sup>3</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>4</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>5</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>6</sup> Proven HP PageWide Technology powers HP Inkjet Web Presses—currently producing 4 billion impressions monthly—and HP X series business printers.

<sup>7</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>8</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>9</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>10</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>11</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>12</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>13</sup> The production stacker and online folder are optional accessories.

<sup>14</sup> 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](http://hp.com/go/pagewidexlclaims).

<sup>15</sup> Fastest based on alternative low-volume LED printers and MFPs (under 7D/A1 pages/minute) as of April, 2015. Operational costs based on low-volume LED technology under \$20,000 USD in the market as of April, 2015. Operational costs consist of supplies and service costs. For testing criteria, see [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<sup>16</sup> Cost of operation is competitive with analog blueprinters and black-and-white LED printers under \$150,000 USD in the market as of March, 2015. Source: HP research in China based on customer interviews and focus groups.

<sup>17</sup> Only available in Asia Pacific countries with the exception of Korea, Singapore, Australia, and New Zealand.

<sup>18</sup> 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/pdfprintengine](http://adobe.com/products/pdfprintengine).

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



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