HP PageWide XL 8000 Printer

The fastest large-format monochrome and color printer ever, with up to 50% savings in total production costs¹

ACCELERATE
Meet the tightest deadlines

• Print up to 30 D/A1 pages/min (1500 D/A1 pages/hr)—the fastest print speed in the market, even versus LED¹
• 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 6 rolls, dual ink supplies with auto-switch

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 standard with crisp lines, fine detail, and smooth grayscales that beat LED⁵
• HP PageWide XL pigment ink for dark blacks, vivid color and 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

SAVE
Cut total production costs up to 50%¹

• Print monochrome technical documents at the same or lower cost than comparable LED printers⁸
• Print color technical documents at the lowest cost in the market⁹
• Cut job preparation and finishing costs up to 50%²
• See up to 10 times lower energy consumption than comparable LED printers¹⁰

For more information, please visit hp.com/go/pagewidexl8000

¹ 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.
² 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.
³ Using HP SmartStream software compared with using equivalent software programs. For testing criteria, see hp.com/go/pagewidexlclaims.
⁴ The production stacker, online folder, and HP HD/SD Pro Scanners are optional accessories.
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.
⁸ 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.
⁹ Based on supplies and service costs for comparable LED printers capable of printing 22 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.
¹⁰ 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.

Note: HP PageWide XL printers are not designed to use continuous ink systems. HP PageWide XL printers are designed for ink cartridges to be used until they are empty. Refilling cartridges prior to depletion might cause the printer to fail, and voids the HP ink cartridge warranty.
Based on reliable HP Thermal Inkjet technology and HP PageWide XL pigment ink, HP PageWide Technology offers high quality at high printing speeds. Scalable to meet a wide range of application and performance requirements, HP PageWide Technology saves up to 50% in total production costs in the fastest large-format monochrome and color printer.¹

**HP PageWide Technology**

The HP PageWide XL 8000 Printer 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.

**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

**Reliable operation for high-volume printing**

Designed for high-volume operation, the HP PageWide XL 8000 Printer is based on proven HP PageWide Technology, currently powering HP PageWide Web Presses—producing 4 billion impressions monthly—and HP PageWide Pro and HP PageWide Enterprise printers.

HP B41 PageWide XL Printheads provide reliable and long-life operation, with an average life per printhead of 32 liters of ink.

**End-to-end productivity**

HP PageWide XL systems have been designed to help you provide radically faster delivery.

To help you meet aggressive deadlines, productivity is optimized in every step of the workflow:

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 ⁴,³¹ HP PageWide XL printers are designed for quick processing, including the most complex jobs
3. Printing up to 30 D/A1 pages/minute (1500 D/A1 pages/hr) with outstanding sustained capacity thanks to:
   - Breakthrough print engine speed of up to 75 feet/minute (23 meters/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 production stacker/online folder⁴ provides reliable operation
Set a new quality standard for technical documents

HP 841 PageWide XL Printheads, working with HP PageWide XL pigment ink, are designed to produce crisp lines, fine detail, and smooth grayscales along with vivid colors. HP PageWide XL printers do not apply heat to the paper as part of the printing process, enabling very high levels of line accuracy (±0.1%).

Gain even greater versatility

Expand the versatility of your HP PageWide XL 8000 Printer with HP and third-party software and hardware solutions, see hp.com/go/pagewidexl3rdparty. Cover a wide range of applications with HP large format printing materials optimized with HP PageWide XL printers and pigment inks for high-quality printing, see HPLFMedia.com. And choose from a growing variety of other commercially available media compatible with HP PageWide XL printers, see hp.com/go/mediasolutionslocator.

Gain insight and control over print costs

HP SmartTracker software provides powerful, consolidated data tracking and reporting. Now you can easily keep track of both print costs and reimbursement fees. Produce easy-to-read, customizable, consolidated reports that provide greater control and turn your print costs to your advantage. For more information, please see hp.com/go/smarttracker.

Save time by consolidating your monochrome and color workflows

It is very common to print mixed monochrome and color sets—typically a long and complex process that requires separate printing on different printers as well as manual collation. Consolidated workflow efficiencies in delivering mixed monochrome and color sets help contribute to up to 50% savings in total production costs. HP SmartStream software can help you improve your technical production workflow efficiency for single, multiple operator environments by preparing your jobs in 50% of the time.

1. **Up to 6 rolls**—automatic roll switching when a roll is depleted or a different page size is selected.
2. **Dual 775-ml HP ink supplies** with auto-switch—replace used cartridges while the printer is running.
3. **High-capacity output solutions**—folder and stacker specially designed to keep up with HP PageWide XL print speeds.
4. **8-inch (203-mm) touchscreen**—status light reports current status and provides progressive alerts on potential issues that could impact production (i.e., out of paper or ink).
# Technical specifications

## General
- **Description:** Large-format color printer
- **Technology:** HP PageWide Technology
- **Applications:** Line drawings, Maps/Plot/Posters, Posters
- **Ink types:** Tri-color (cyan, magenta, yellow, black)
- **Print heads:** 8 printheads, 5 passes with five nozzles each

## Media
- **PageSize:**
  - Up to 1016 x 1016 mm (40 in x 40 in) for CAD
  - Up to 1016 x 1014 mm (40 in x 40 in) for poster

## Technical specifications
- **Print speed:**
  - 15 pages/min ISO B0 (short edge first)
  - 24 pages/min A1/Arch D/ANSI D (long edge first)
  - 30 pages/min A1/Arch D/ANSI D (long edge first)
- **Maximum print speed:** 75 ft/min (23 m/min)
- **Media output:**
  - Online folder
  - Top stacker
- **Media types:**
  - 80% and recycled papers, vellum, paper, paper-based, polypropylene, matte film
- **Media weight for stacking:** 20 to 53 lb (75 to 200 g/m²)
- **Printable length:**
  - Up to 650 ft (200 m) for CAD
  - Up to 98 ft (30 m) for poster
- **Printable width:**
  - Up to 39.4 in (1000 mm)

## Processor
- **Type:** Intel Core i7
- **Capacity:** Up to 500 pages
- **Maximum page size:**
  - ISO B0 (short edge first)
  - 1016 mm x 91.4 m (40 in x 300 ft)
  - ISO B1 (long edge first)
  - 1016 mm x 45.7 m (40 in x 150 ft)
  - 914 mm x 91.4 m (36 in x 300 ft)

## Printheads
- **8 x HP 841 PageWide XL Printheads
- **Ink types:** Pigment-based (cyan, magenta, yellow, black)
- **Applications:** Line drawings, Maps, Orthophotos, Posters

## Connectivity
- **Interfaces:** USB, Ethernet
- **Print Protocols:** HP SmartStream software (optional)
- **TCP/IP, BootP/DHCP, USB 2.0 host (certified)

## Order Information
- **Product:**
  - CZ300B HP PageWide XL 8000 40-in Printer with High-capacity Stacker and PostScript/PS

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**Eco Highlights**
- **Paper:**
  - Save paper with automatic print settings and image nesting
  - USEPA certificated and EPEAT Silver registered
- **Ink:**
  - Free, convenient HP ink cartridge recycling
  - FSC®-certified papers, range of recyclable HP media

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**Please recycle large-format printing hardware and paper products. Find out how at our website hp.com/recycle**

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