

THE DOCUMENT COMPANY
XEROX

Xerox 8160/8142
Wide Format Color Printer

Overview



Xerox® 8160/8142



High speed, high quality, low operating cost—
the perfect wide format color solution.

The Xerox 8160/8142
Wide Format Color Printer



Outstanding wide format color printing, at lightning speed . . . to satisfy your customers

High speed + low operating costs = maximum profits . . . to satisfy your printing needs

Whether you're a:

- Sign and screen printer
- Digital print specialist
- Ad/graphic design agency
- Service bureau
- Exhibit builder

. . . you can count on Xerox to provide a solution to help you get the most from digital, wide format color.

With high-quality color output that will have your customers coming back and high productivity coupled with low operating costs, the Xerox 8160/8142 is designed to yield maximum profits for you.

Whatever the wide format color application . . .

- Back-lit displays
- Point-of-purchase displays
- Indoor or outdoor posters, signs, or banners
- Presentation graphics

. . . Xerox understands how critical these documents are to your business.

We are committed to meeting your digital, wide format, color needs.

Xerox 8160/8142—the most productive printer in its class.

The Xerox 8160/8142 Wide Format Color Printer is engineered to meet the speed and print volume demands of the production environment. It's loaded with features for increased productivity and flexibility.

With output speeds of 220 ft²/hr (20.5 m²/hr) High, 150 ft²/hr (14 m²/hr) Production, 115 ft²/hr (10.7 m²/hr) Fine, 30 ft²/hr (2.8 m²/hr) Ultrafine, the Xerox 8160/8142 Wide Format Color Printer is up to 2.5 times faster at Production/photo quality speeds than the market leaders.

Rapid drying—another productivity booster.

The Xerox 8160/8142's rapid evaporation drying system is based on a dual component dryer. Along with its output speed, the time gained through the rapid drying makes the Xerox 8160/8142 the most productive printer in its class—up to four times faster at Productivity/photo quality speeds than the market leaders.

Non-stop productivity.

From its printhead to its ink supply system, the Xerox 8160/8142 is a robust design built to meet the rigorous demands of production environments. You can count on it for reliable media feeding and cutting. And to increase productivity further, the second media roll, standard on the 8160/8142, can be used as a feed roll to have a large supply of media at hand or as a take-up roll for unattended print runs. Automated ink line filling and the ability to add ink on the fly mean fewer stops for maximum productivity.

High image quality, even at high print speeds.

You needn't sacrifice image quality at production speeds. The Xerox 8160/8142's printhead contains 640 nozzles that print up to 1,200-dpi resolution. State-of-the-art mask technology yields seamless layering for vivid clarity and reduced banding.

Use Xerox six-color dye or pigment ink for true, long-lasting color, both indoors and outdoors. The Xerox 8160/8142 accommodates a wide media latitude. For the best results, choose media that's right for the job from Xerox's extensive wide format media portfolio.

8160/8142 Wide Format Supplies—the key to reliable printing and low total cost of operation.

Unlock the profit potential of digital color printing by using the perfectly paired combination of Xerox digital print technology with Xerox media and ink—unbeatable for exceptional performance at reduced operating costs. With Xerox media and ink, you can save up to 45% compared to other market leaders on the cost of supplies.

Two sizes to match your applications.

Available in two models: the 60"-wide 8160 and the 42"-wide 8142.

Backed by Xerox-trained service and customer support

Whether you've been a Xerox customer for years, or are just learning about Xerox's expertise in wide format printing solutions, you can count on a team of service and support professionals to help you make the most of your Xerox solution—day in and day out.

Key benefits of the 8160/8142:

Productivity

- Get work done quicker in Productivity/photo quality mode with print speeds up to 2.5 times faster than the market leaders
- In Productivity/photo quality mode, the rapid evaporation drying system increases productivity up to 4 times that of market leaders
- Use the second media roll (standard) as a take-up roll for overnight printing
- Add ink on the fly for continuous printing

Reliability

- Printhead designed for high-production environments
- Ink supply system designed for unattended printing
- Reliable media feeding and cutting
- Consistent service quality through Xerox-trained service
- Customer support you can count on

Low total cost of operation

- Lowest cost per mL in its class
- Superior quality Xerox ink and media at low cost
- Save up to 45% over market competitors on ink and media costs per square foot output

Xerox 8160/8142 Wide Format Color Printer



Choose the right system configuration for your business.

Three RIPs are available for the Xerox 8160/8142 to create the perfect match between your applications and workflow.



Features at a glance

| RIP | Printers controlled | ICC profile creation | Text creation and editing | Template creation |
|---|------------------------------|----------------------|---------------------------|-------------------|
| Xerox Wide Format Color Server RIP Pro | Up to 50 3 simultaneously | Standard | Yes | Yes |
| Xerox Wide Format Color Server RIP | Up to 50 3 simultaneously | No | No | No |
| Xerox Wide Format Color Workstation RIP | 1 | No | No | No |

Flexibility and ease of use

- Three different RIPs (two server-based) for optimum color management
- Choice of inks for both indoor and outdoor printing applications
- Clean-hands ink supply system makes adding ink a snap
- Automated ink line filling eliminates steps
- User-friendly RIP facilitates job submission and reduces training time
- Wide media latitude and choice of machine widths increase applications

Xerox Wide Format Color Server RIP Pro

- Designed for high-production environments with multiple design stations as well as multiple printers
- Print from any Windows® application
- Large images can be tiled with advanced control of each panel and overlap amount
- Editor design station includes popular layout tools plus template and serialization tools for added efficiency
- Automated job archiving gives the system virtually limitless capacity; reprints are a snap

Xerox Wide Format Color Server RIP

- Just like the Xerox Wide Format Color Server RIP Pro, but without the design station or ICC media profiling

Xerox Wide Format Color Workstation RIP

- Ideal for small and mid-sized production environments to drive a single, stand-alone printer

Features in common

All three RIPs include:

- Genuine Adobe® PostScript® print engine for seamless integration, plus guaranteed accuracy, reliability, and compatibility
- ICC profiles for a wide range of media
- HTML-based job log
- Flexible job submission with drag-and-drop simplicity

Image quality

- Printhead with 640 nozzles
- Up to 1,200-dpi resolution for vivid clarity for six-foot viewing
- Mask technology for seamless layering, reduced banding
- Xerox six-color dye or pigment ink for true, long-lasting color, both indoors and outdoors
- Choice of optional RIPs gives you the level of control you want



Specifications

Print Engine

Print speeds

8160 High-speed, 2-pass = 220 ft²/hr
Productivity, 3-pass = 150 ft²/hr
Fine, 4-pass = 115 ft²/hr

8142 Ultrafine, 8-pass = 30 ft²/hr
High-speed, 2-pass = 195 ft²/hr
Productivity, 3-pass = 140 ft²/hr
Fine, 4-pass = 104 ft²/hr
Ultrafine, 8-pass = 27 ft²/hr

Printhead technology Thermal inkjet with Intelligent Mask Technology (640 nozzle/color)

Ink 6-color (CcMmYK) aqueous-based dye (700 mL cartridge) *or* 6-color (CcMmYK) aqueous-based pigment (700 mL cartridge)

Resolution 300 x 300, 600 x 600, 1,200 x 600 dpi

Media handling Standard automated media take-up and feeder system with media cutter; supports both 2" (50.8 mm) and 3" (76.2 mm) core media 50' (15.24 m)

Max. print length

Max. print width

8160 59.6" (1,513.84 mm), 5 mm minimum margin

8142 41.6" (1,056.64 mm), 5 mm minimum margin

Media Width Range

8160 24" (609.6 mm) to 60" (1,524 mm)

8142 24" (609.6 mm) to 42" (1,066.8 mm)

Interface

100Base-T Ethernet (TCP/IP)

Media

Whatever your wide format printing needs, Xerox has the media that will give you optimum results from your printer.

- Photo paper
- Matte presentation
- Micro-porous
- Heavyweight canvas
- Outdoor Banner
- Self-adhesive Vinyl
- Backlit film

... and much more.

Dimensions and Weight

Width, Depth, Height, Weight

8160 Wide Format Color Printer
112" (2,844.8 mm), 28" (711.2 mm), 48" (1,219.2 mm), 270 lbs. (122.5 kg)

8142 Wide Format Color Printer
94" (2,387.6 mm), 28" (711.2 mm), 48" (1,219.2 mm), 245 lbs. (111.1 kg)

Space Requirements

Width, Depth

8160 Wide Format Color Printer
140" (3,556 mm), 60" (1,524 mm)

8142 Wide Format Color Printer
122" (3,098.8 mm), 60" (1,524 mm)

Electrical Requirements

Universal 90–264 VAC, 43–67 Hz; 20 W idle, 1,035 W typical, 1,225 W max.

Print Driver

Supported operating system Windows: XP/2000

Minimum PC requirements Pentium® III 500 MHz processor
256 MB of RAM
200 MB of available hard disk space
4X CD-ROM drive
10/100Base-T Ethernet Interface Port

Xerox Wide Format Color RIPs

Supported operating system Windows: XP/2000

Minimum PC requirements Pentium II 350 MHz processor
256 MB of RAM
200 MB disk space for program
4 GB disk space for work area
4X CD-ROM drive
One available USB port for dongle,
Ethernet port for printer

Supported file formats

AI—Adobe Illustrator®
PSD—Adobe Photoshop®
CMX—CorelDraw® Exchange Metafile
JPG—JPEG
FPX—Digital Imaging Group FlashPix®
PCD—Kodak® PhotoCD®
PICT, PCT—Macintosh® QuickDraw™
JOB—Plot/Cut Job Files
PDF—Portable Document Format
PNG—Portable Network Graphics
PS, EPS, 2PS, FJB, PRN—PostScript Level 3
TIF—Tagged Image File Format
BMP—Windows Bitmap
PCX—Z-Soft® PC Paintbrush®
DWG—AutoCAD® Drawing
DXF™—Drawing eXchange File
HPGL, HPGL/2—Hewlett-Packard™ Graphics Language
PRT, PLT—Native Print Files

Limited support file formats

Notable features

True Adobe RIP engine
Supports up to 1,000 copies
Auto nesting with Server and Server-Pro

Your nearest XEROX authorized Wide Format reseller is:



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