

**XEROX**<sup>®</sup>

Technology | Document Management | Consulting Services

Xerox DocuColor<sup>®</sup> 8000AP  
Digital Press

Overview



Light,  
heavy,  
any-stock-you-want  
speed.

And industry-leading reliability to keep productivity at the highest levels.





# Who says heavy has to be slow?

Being successful in digital printing goes beyond having a great print engine. With Xerox, there are products and services to help you every step of the way—such as upstream workflow and Web ordering tools, analyst services, inline finishing, and post-sale support, including ProfitAccelerator™, the most comprehensive portfolio of business development tools and resources to help you grow your business.

Speed is an invaluable tool in the race for a stronger business. But speed over the flat, easy terrain of simple jobs and common stocks isn't the true test of value or productivity. It's over the bumps and hills of complex jobs and heavyweight stocks where a solution really shines.

The Xerox DocuColor 8000AP Digital Press provides Advanced Productivity for everything you run. The DocuColor 8000AP prints all stocks at the full rated speed of 80 ppm—so you can give your customers the exceptional output they want, with the turnaround times they need.

Based on a platform that has witnessed thousands of installations that produce billions of pages per year, the DocuColor 8000AP has industry-leading, innovative imaging technology with proven performance your business can count on.





## FreeFlow®— Streamline. Automate. Connect.

Workflow is the process of managing jobs from creation through final output. Whether you're in a digital or offset environment, or in a combination of the two, you must go through the same basic processes. Your challenge is to get from one step to another in the quickest, most efficient way possible, while still maintaining the highest quality and production levels and making press decisions at the last minute.

From online ordering with FreeFlow Web Services, to prepress automation with FreeFlow Process Manager, to managing jobs with FreeFlow Print Manager, the Xerox FreeFlow Digital Workflow Collection does it all. The collection is a suite of integrated, PDF-based, modular workflow components specifically designed to streamline operations, improve productivity, and enable new applications on the DocuColor 8000AP Digital Press.

*FreeFlow solutions and services, together with a Xerox digital color press, enable highly efficient, profitable short-run and Variable Data Printing. They also support a wide range of high-value applications, including Collateral by Request, direct mail, promotional transactional, and books and manuals.*



### FreeFlow Process Manager

automates your repetitive prepress activities to maintain high quality and consistency while reducing errors.

### FreeFlow Web Services

powered by Press-sense™ makes you the complete Web-to-print resource for your customers. They can access your services anytime, from anywhere—quickly and easily.

## Variable Data Printing makes communications personal. And powerful.

One exciting frontier that's sure to drive the color printing marketplace is Variable Data Printing.

Xerox has a long and successful history of providing solutions for a highly efficient VDP workflow, and the DocuColor 8000AP Digital Press will make the most of it.



Variable Data Printing is able to dramatically increase the impact, appeal, and retention of your documents. By adding Variable Data Printing, documents suddenly become incredibly

effective and memorable personal communications.

The use of Variable Data Printing is growing rapidly and there are numerous Xerox and partner solutions to enable personalized printing. Several VDP composition tools, such as Lytrod and XMPie®, have been optimized for FreeFlow through enablement of Xerox's VI Interpreter—part of the VI Suite. This integration simplifies the creation and accelerates the production of variable documents. The powerful combination of FreeFlow VDP capabilities and the new DocuColor 8000AP Digital Press will help you meet the challenges and increased business opportunities with Variable Data Printing.

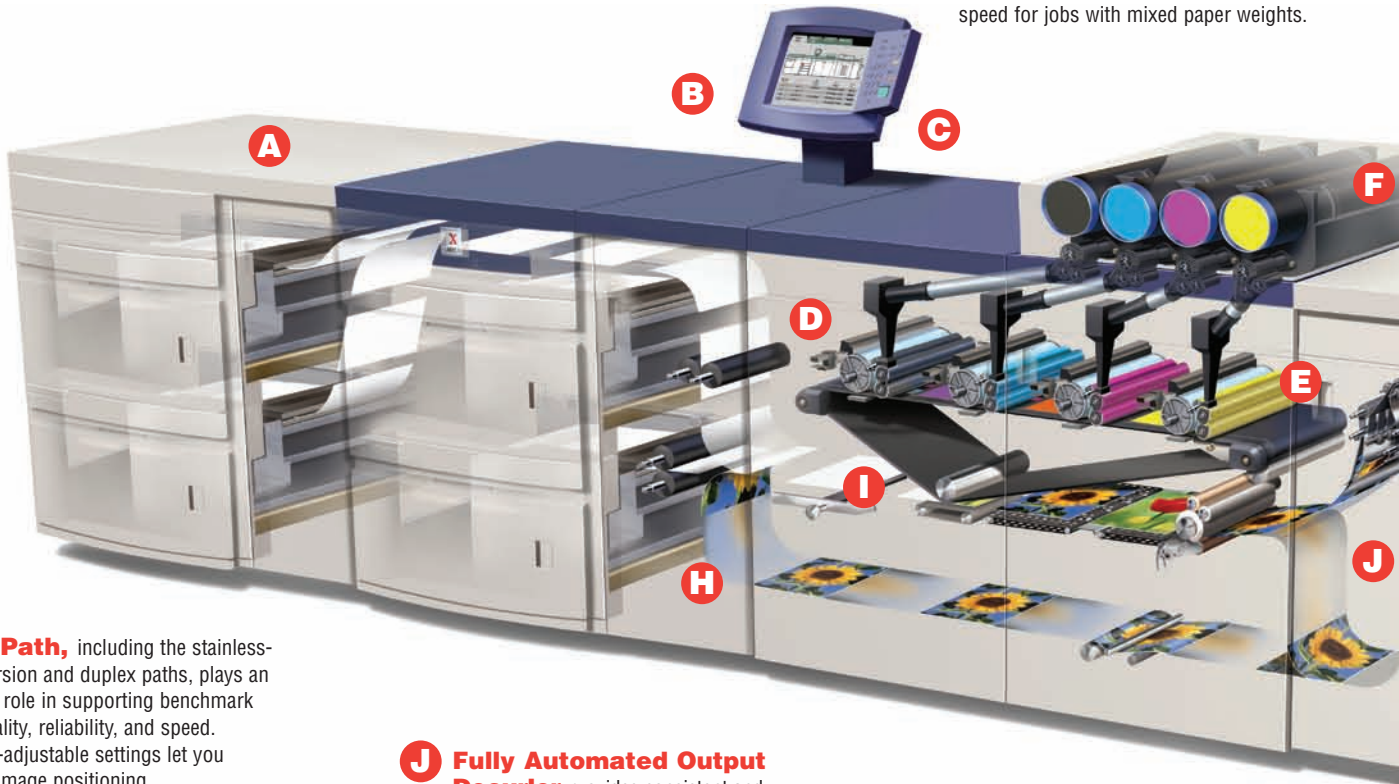
# Features for Advanced Productivity.

**A Paper Feed Module** is comprised of two 2,000-sheet trays, enabling you to run lightweight and heavyweight stocks from 16 lb. Bond to 110 lb. Cover (60-300 g/m<sup>2</sup>). A secondary feed module can be added to extend paper capacities to a total of 8,000 sheets, allowing for jobs with up to four different types of stocks.

**B Custom Paper Setup** enables you to create, store, and retrieve unique paper profiles based on characteristics of a paper that can be utilized over and over.

**C Mode Programming**

- **All-Weights Mode** enables all stocks to run at 80 ppm on 8.5" x 11", A4 regardless of media weight and type.
- **Single-Weight Mode** allows speed to vary based on stock weight for a glossier look and feel.
- **Mixed-Media Mode** optimizes throughput speed for jobs with mixed paper weights.



**H Paper Path**, including the stainless-steel inversion and duplex paths, plays an important role in supporting benchmark image quality, reliability, and speed. Customer-adjustable settings let you fine-tune image positioning.

**I Customer Adjustable Alignment** with electronic control over skew, perpendicularity, and lead-edge adjustments keeps registration within a tight tolerance.

**J Fully Automated Output Decurler** provides consistent and reliable output quality. Programmable settings let you define parameters for specific stocks ensuring flat output that is ready for finishing.

**K Optional High-Capacity Stacker** provides production stacking capabilities by supporting all media, regardless of size and weight. Maximum stack weight for the cart is 99 lbs. (45 kg).



**D Gearless Motors** provide consistency in overall image quality.

**E Xerographic Excellence**— outstanding 2400 x 2400 dpi resolution and digital halftone screens are achieved through state-of-the-art VCSEL Technology.

A **Corotron Cleaning Assembly** provides easy cleaning of corotron wires to enable consistently high image quality.

**F Load-While-Run-Toner**— productivity remains high because you don't have to stop the DocuColor 8000AP when loading toner. A reservoir holds enough to produce up to 5,000 prints while you load new toner cartridges.

**G DFA Compliance**  
Document Finishing Architecture (DFA) is a standard interface which defines the logical and physical connections that allow third-party devices to connect to the DocuColor 8000AP.



**L Optional Stacker/Stapler** enhances productivity with the ability to staple up to 50 sheets (24 lb. Text/80 g/m<sup>2</sup>).

# Servers. Service. Support.

The DocuColor 8000AP Digital Press gives you a choice of three of the most popular networked print servers available today.

Each one supports Variable Data Printing and combines outstanding color management with a user-friendly interface to yield superb digital color and a workflow that integrates smoothly into your printing environment. Specific features ensure that one of these servers is the ideal choice for your operation.

## **Xerox FreeFlow Print Server.**

The FreeFlow Print Server is an extremely fast, powerful, and easy-to-use color server. It combines Xerox's proven experience in monochrome printing with our ConfidentColor Technology for enhanced color management and on-demand digital production capabilities. Such built-in features as exception-page programming, job forwarding, and Print Manager make job management easier.



## **Xerox EX Print Server, Powered by EFI™.**

The EX Print Server may be the easiest way to get great color. EFI made sure that the EX Print Server has the new and enhanced features that have a direct impact on your productivity. Extensive ColorWise® color-management tools make it possible to produce consistently brilliant output, regardless of the user's color-management expertise.



## **Xerox CX Print Server, Powered by Creo.**

The CX Print Server, an industry leader known for color quality, goes well beyond providing excellent color output. This color server combines color-management tools that yield superb digital color with a workflow that integrates seamlessly with the offset or high-end digital color production environment.



## **Industry-leading customer service and support**

To keep the Advanced Productivity truly advanced, the DocuColor 8000AP is backed by the industry-leading service and support you'd expect from Xerox.

Our proactive approach is the Xerox calling card. Through Xerox Remote Services, we monitor your DocuColor 8000AP via a secure, online connection and use the real-time data to engage the right

resources, respond more quickly, and diagnose problems more accurately. Xerox local service teams, hotline support specialists, and subsystem engineers all work together to keep your DocuColor 8000AP running at peak levels.

## **Xerox Productivity Plus**

Xerox provides a Customer Tool Kit and training to allow you to perform some maintenance activities and have more control over reliability and uptime on the DocuColor 8000AP Digital Press.

# Get ready for a strong finish.

## Xerox inline finishing solutions deliver professional results that are sure to impress.

The DocuColor 8000AP is modular and scalable to meet your production needs. From the economical footprint of a single feeder and catch tray to the full production version including two feeders, a stacker, and a Booklet Maker, the DocuColor 8000AP enables more print applications.



**Xerox DB120-D Document Binder**—the world's first and only inline thermal cover binder system for digital color presses—you get professionally bound, finished documents at the rated speed of the DocuColor 8000AP.

This versatile, productive machine binds up to 120 8.5" x 11" or A4 pages in a variety of eye-catching, preformed or custom covers.



**GBC® FusionPunch® II Inline Printer Punch** combines printing and punching into one step without additional labor costs. The FusionPunch II handles a large variety of stocks, including such challenging applications as intermixed slick and lighter stocks—all with greater reliability.

The punched paper is offset-stacked in the attached stacker making color separator sheets and manual sorting a thing of the past.



**Standard Horizon ColorWorks 8000** is a production-grade, all-in-one inline document finisher that combines bleed trimming, channel and multi-line scoring, corner and top stitching, folding, face trimming, and stacking. It produces professionally finished documents without additional post processing. Bleed trims are crisp, clean, and accurate.



## Services that advance productivity as well:

**ProfitAccelerator** is today's most robust set of tools and programs designed to maximize your digital printing equipment investment. It brings together Xerox's unparalleled digital printing experience and expertise, world-class resources, and industry-leading support, all with one goal in mind—significantly boosting digital print business and profits.

**New Business of Printing® services** include business development, operational workflow, and application development support to get you up and running quickly and efficiently.



For more information on the Xerox DocuColor 8000AP Digital Press, call **1-800 ASK XEROX**, or visit us on the Web at [www.xerox.com](http://www.xerox.com).

## Xerox DocuColor® 8000AP Digital Press Specifications

### Resolution

- 2400 x 2400 dpi (1-bit depth)
- Line Screens:
  - 150 Clustered Dot
  - 200 Clustered Dot
  - 200 Rotated Line Screen
  - 300 Clustered Dot
  - 600 Clustered Dot
  - Stochastic

### Technology

- Customizable Electronic Aligner Adjustments
- Custom Paper Setup
- Charge Corotron Cleaning Assembly
- New Imaging System with VCSEL Technology
- Enhanced Feeding
- Customer Service Platform®
- Floating Aligner Transport for tight front-to-back registration

### 8000AP Productivity/Print Speeds—All Weights Mode

- 80 ppm (8.5" x 11", A4), 60 – 300 g/m<sup>2</sup>, (16 lb. Bond to 110 lb. Cover)
- 4800 full process color A4 (letter) 4/0 impressions per hour
- 2400 SRA3 (tabloid) 4/0 impressions per hour

### Paper Format/Sizes

- Maximum Sheet Size 12.6" x 19.2" (320 x 488 mm)
- Minimum Sheet Size 7.2" x 7.2" (182 x 182 mm)
- Maximum Imageable Area 12.4" x 18.9" (315 x 480 mm)

### Paper Flexibility/Weights

- Coated and uncoated papers, bright papers, carbonless, DocuCard®, labels, business cards, glossy brochures, window decals, durable/synthetic, greeting cards, polyesters, and custom solutions
- Mixed-stock jobs supported
- 16 lb. Bond/60 g/m<sup>2</sup> up to 110 lb. Cover/300 g/m<sup>2</sup>

### Paper Capacity and Handling

- Paper trays—2000 sheets each 7.2" x 7.2" (182 x 182 mm) to 12.6" x 19.2" (320 x 488 mm), 16 lb. Bond to 110 lb. Cover (60 to 300 g/m<sup>2</sup>)  
*Note: Tray capacity is based on 24 lb. (90 g/m<sup>2</sup>) substrate*
- Automatic Tray Switching
- Offsetting Output Tray:
  - 500 sheets with automatic offsetting sets
- Duplex
  - automatic duplexing (4/4 impressions) from all trays up to 220 g/m<sup>2</sup>

### Options

- 4,000-sheet Secondary Feeder Module
- 2,250-sheet Stacker Stapler
- Xerox® Productivity Plus
- Xerox® DB 120-D
- Standard Horizon ColorWorks 8000
- 3,750-sheet High-Capacity Stacker (HCS)
- Xerox® FreeFlow® Scanner 665E
- GBC Fusion Punch II

### Choice of Color Servers

- Xerox® FreeFlow® Print Server
- Xerox® EX Print Server, Powered by EFI™
- Xerox® CX Print Server, Powered by Creo

### Electrical

- Base Configuration: 200-240 VAC, 50/60 Hz, 30A (sole use)
- Additional electrical required for Print Server, feeding/finishing devices, and scanner:
  - 115 VAC 15 Amp for 60 Hz or 220 VAC 10 Amp for 50 Hz (Western Hemisphere)
  - 200 – 240 Volts, 10 Amp, 50 Hz (Europe)

### Size

- Base Printing System (without RIP and/or feeding/finishing devices):
  - 100" (W) x 44" (L) x 56" (H)
  - 2,540 mm (W) x 1,105 mm (L) x 1,413 mm (H)
  - Weight: 2,200 lbs. (1,000 kg)

### Xerox FreeFlow® Scanner 665E

- Automatic Document Feeder Capacity:
  - up to 100 20 lb. 5.5" x 6.5" (140 mm x 165 mm) to 11.69" x 17" (297 mm x 432 mm) sheets
- Automatic Document Feeder Paper Weights:
  - 13 lb.–32 lb. (49 g/m<sup>2</sup>–120 g/m<sup>2</sup>) simplex
  - 16 lb.–32 lb. (61 g/m<sup>2</sup>–120 g/m<sup>2</sup>) duplex
- Optical resolution: 600 x 600 dpi (36 bits/pixel internal)
- Output resolution: 600 x 600 dpi
- Monochrome Scan Rate:
  - up to 65 simplex images/minute
  - up to 20 duplex images/minute
- Color Scan Rate:
  - up to 60 simplex 400 dpi images/minute and 40 simplex 600 dpi images/minute
  - up to 20 duplex 400 dpi images/minute and 20 duplex 600 dpi images/minute

### Duty Cycle

- Average Monthly Volume:
  - 100,000 to 400,000
- Duty Cycle:
  - 1.5 million

### Optional FreeFlow® Collection

- FreeFlow® Print Manager
- FreeFlow® Process Manager
- FreeFlow® Output Manager
- FreeFlow® Web Services
- FreeFlow® VI Suite
- FreeFlow® Makeready

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