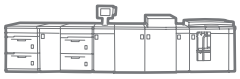
Xerox DocuColor 7002/8002
Digital Presses
Overview



Xerox® DocuColor® 7002/8002 Digital Presses

The new look of consistently great colour – automatically

xerox

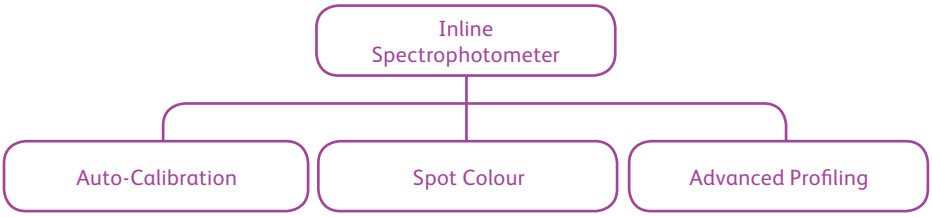
Consistently great colour – print after print.

The Xerox® DocuColor® 7002/8002 Digital Presses with our new "Low Gloss" toner produce prints with a pleasing matt finish that looks great on every page. With balanced neutrals, detailed shadows and highlights and excellent photo rendering, DocuColor 7002/8002 Digital Presses deliver maximum detail with an offset sought-after look and feel at the speed and ease of use of digital. Our automated, inline colour calibration technology ensures that DocuColor 7002/8002 Digital Presses give you consistent, repeatable colours for the highest quality output images.

To help you do more every day, our DocuColor 7002/8002 Digital Presses run all weights of paper at rated speeds – 70/80 ppm, respectively. You can quickly print simple jobs on common stocks, or print complex jobs on heavyweight stocks. And our broad range of available inline finishing options let you quickly give every job a polished, professional look.

Better colour – faster

DocuColor® 7002/8002 Digital Presses feature our Automated Colour Quality Suite (ACQS) with its inline spectrophotometer that lets you transform time into profit, increase quality and consistency – and become an indispensable partner to your customers. It is designed with built-in process automation to deliver colour accuracy and repeatability from job to job, operator to operator or across multiple devices quickly and easily while increasing productivity and available press time.



One Spectrophotometer, multiple productivity enhancements

At the heart of the DocuColor 7002/8002 Digital Presses – and our image quality enhancement tools – is an internal, inline spectrophotometer. Our Automated Colour Quality Suite – or ACQS – is a set of colour management tools that uses the data from the spectrophotometer to improve colour accuracy and repeatability. By placing the advanced spectrophotometer inside the paper path and automating processes like calibration, spot colour calibration and profiling, the DocuColor 7002/8002 Digital Presses dramatically streamline workflow and increase total productivity.

Spot Colour – simple to set up

Customers running applications such as marketing collaterals and direct mail are sensitive to spot colour consistency for logos or corporate colour standards and for many, repeatability is as critical as or even more important than accuracy. The FreeFlow® Print Server performs Spot Colour Calibration to colour correct spot colours to official (Pantone® licensed) reference values, within a user-specified level of quality. It automatically reads print engine data and modifies the CMYK recipe for each spot colour to minimise the colour difference with the reference value to deliver quality output that is spot-on.

Advanced Profiling – all at the touch of a button

Advanced Profiling automatically creates a superior, custom ICC-compliant Destination Profile for colour critical applications such as photos that require a high degree of colour accuracy and detail as well as a pleasing appearance. It maps RGB and CMYK source images to a desired press-like output – making it easier to emulate source colour spaces and produce a more pleasing colour. Advanced Profiling emulates industry colour standards, such as GRACoL and ISO for outstanding colour accuracy.

Auto-calibration – totally "hands free"

Leveraging the inline spectrophotometer that is integrated into the paper path, we automate time-consuming colour-maintenance tasks and deliver exceptional image quality consistently. By generating colour patches on target sheets, registering the sheets so the patches are read accurately, processing the data and taking the appropriate actions, we reduce downtime and automate labour-intensive colour maintenance tasks. By completely automating calibration tasks, we help reduce non-productive printer time and facilitate quick, on-time job turnaround. By allowing for automated scheduling, we shift operator time from maintenance of colour to production, eliminating any potential human error and allowing operators to focus on running print jobs.

Advancing productivity from the inside out.

Built on a rich heritage. Based on a platform that has thousands of installations worldwide that produce billions of pages every year, the DocuColor® 7002/8002 Digital Presses have industry-leading, innovative imaging technology with proven performance your business can count on.

1

Paper Feed Module is comprised of two 2,000-sheet trays, enabling you to run lightweight and heavyweight stocks from 60-300 g/m^2. 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.

2

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

3

Mode Programming

- **All-Weights Mode** enables all stocks to run at full rated speed (70 ppm/80 ppm) on A4 pages, regardless of media weight and type.
- **Mixed-Media Mode** optimises throughput speed for jobs with mixed paper weights.

4

Gearless Motors provide consistency in overall image quality.

5

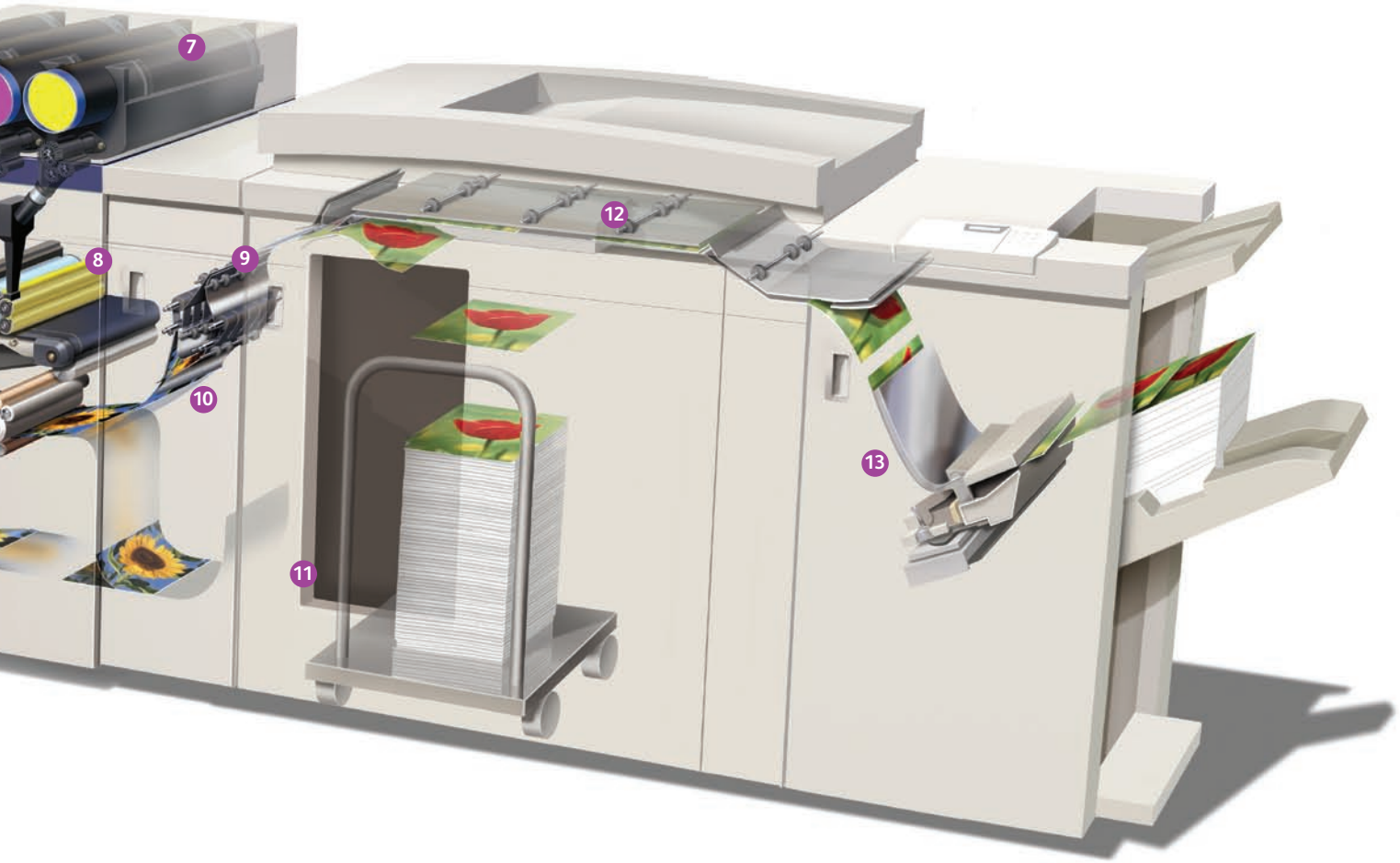
Customer Adjustable Alignment with electronic control over skew, perpendicularity and lead-edge adjustments keeps registration within a tight tolerance.

6

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.

7

Load-While-Run "Low Gloss" Toner improves productivity because you don't have to stop the DocuColor 7002/8002 when loading toner. A reservoir holds enough to produce up to 5,000 prints while you load new toner cartridges.



8

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

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

9

Inline Spectrophotometer automates press calibration for more accurate and stable colour, Pantone matching and enhanced productivity.

10

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.

11

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

12

DFA Compliance defines logical and physical connections using Document Finishing Architecture (DFA) to allow third-party devices to connect with the DocuColor 7002/8002.

13

Optional Stacker/ Stapler enhances productivity with the ability to staple up to 50 sheets (90 g/m^2).

Your choice of servers.

Find just what you need. The DocuColor® 7002/8002 Digital Presses give you the advantage of a choice of three networked print servers. Each combines outstanding colour management with a user-friendly interface to yield outstanding digital colour and integrates smoothly into your printing environment.

Xerox® FreeFlow® Print Server

This extremely fast, powerful and easy-to-use colour server with ConfidentColor Technology provides enhanced colour management and on-demand digital production capabilities. Built-in features such as page-exception programming, job forwarding and customisable print queues make job management easier.

Xerox EX Print Server, Powered by Fiery®

The EX Print Server has new and enhanced features that have a direct impact on your productivity. Extensive ColorWise® colour-management tools make it possible to produce consistently brilliant output, regardless of the user's colour-management experience.

Xerox CX Print Server, Powered by Creo®

The CX Print Server goes well beyond providing excellent colour output. This colour server combines colour-management tools that yield superb digital colour with a workflow that integrates seamlessly with the offset or high-end digital colour environment.

Service and support the way you want it.

Whether you are looking for full-time service and support from us, training to help you perform some of your own routine maintenance activities or a combination of the two, Xerox has programs to keep you covered, such as:

Xerox Productivity Plus: This training instructs operators how to perform basic tasks to keep presses running and customer commitments on schedule. These basic steps require no special skills. By learning and performing just a few routine maintenance activities, like sensor cleaning and filter replacement, you can make sure for yourself that your equipment runs with maximum uptime.

Whatever training or service you require, you can be sure that we will work with you to find the solution that's best for you to ensure that your equipment runs at peak performance.

Your choice of finishing.

Deliver professional results that are sure to impress. The DocuColor® 7002/8002 Digital Presses are modular and scalable to meet your production needs. With inline options from a lay-flat binder, high capacity stacker, tape binder and cover binder to a basic and professional document finisher, you can strengthen your bottom line by adding new applications.

GBC® eBinder 200™

Produce 360° wrap-around lay-flat booklets with the GBC eBinder 200. It delivers stack, punch and bind functionality, all in one inline device. One size fits all, durable, self-adjusting polyester bind elements (available in Black, Navy Blue, White and Clear) let you create professional flip presentations, calendars, lay-flat documents and more from 2 to 100 A4 sheets without the traditional offline labour-intensive, time-consuming steps associated with manual punch and binding.

Xerox Tape Binder

Create tape bound books inline ranging from 15 to 125 A4 uncoated sheets at rated speed using a thermal adhesive tape to securely bind pages. It gives documents such as reports, proposals and manuals a professional appearance and a strong flexible bind. Finished documents hold up to repeated use without cracking or pulling apart. Convenient Binder Tape Cartridges (available in Black, Dark Blue and White) make it easy to change between colours quickly.

Xerox DB120-D Document Binder

The world's first and only inline thermal cover binder system for digital colour presses, the DB120-D Document Binder gives you professionally bound, finished documents in a variety of styles at the rated speed of the DocuColor 7002/8002. It binds up to 120 A4 sheets in a variety of eye-catching preformed or custom covers.

Standard Horizon ColorWorks Document Finisher and ColorWorks PRO Document Finisher

Create impressive booklets with inline folding, corner and top stitching, face trimming and stacking capabilities quickly and easily with the standard modular offering. Add multi-line scoring and bleed trimming channel with the ColorWorks Professional Document Finisher. Bleed trims are crisp, clean and accurate. This production grade finisher combination produces professionally finished documents without additional post processing.

GBC FusionPunch® II Inline Printer Punch

Combining printing and punching into one step without additional labour costs, the FusionPunch II handles challenging applications and a large variety of stocks, such as intermixed, slick and lighter stocks – all with greater reliability. The punched paper is offset-stacked in the attached stacker, making colour separator sheets and manual sorting a thing of the past.

Specifications for Xerox® DocuColor® 7002/8002 Digital Presses

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

Technology
- Customisable Electronic Aligner Adjustments
- Custom Paper Setup
- Charge Corotron Cleaning Assembly
- Imaging System with VCSEL Technology
- Enhanced Feeding and Finishing
- Customer Service Platform®
- Floating Aligner Transport for tight front-to-back registration of +/- 0.5 mm

7002/8002 Productivity/ Print Speeds – AWM*
- 70/80 ppm (A4), 60 – 300 g/m²
- 4200/4800 full process colour A4 4/0 impressions per hour
- 2100/2400 SRA3 4/0 impressions per hour

Paper Format/Sizes
- Maximum Sheet Size 320 x 488 mm
- Minimum Sheet Size 182 x 182 mm
- Maximum Imageable Area 315 x 480 mm

Paper Flexibility/Weights
- Coated and uncoated papers, bright papers, carbonless paper, DocuCard®, labels, business cards, glossy brochures, window decals, durable/synthetic papers, greeting cards, polyesters and custom solutions
- Mixed-stock jobs supported
- 60 g/m² up to 300 g/m²

Paper Capacity and Handling
- Paper trays – 2,000 sheets each, 182 x 182 mm to 320 x 488 mm, 60 to 300 g/m²
  Note: Tray capacity is based on 90 g/m² substrate
- Automatic Tray Switching
- Offsetting Output Tray:
  - 500 sheets with automatic offsetting sets
- Duplex:
  - Automatic duplexing (4/4 impressions) from all trays up to 300 g/m²

Options
- 4,000-sheet Secondary Feeder Module
- 3,750-sheet High-Capacity Stacker (HCS)
- 2,250-sheet Stacker Stapler
- Xerox Productivity Plus
- Xerox FreeFlow® Scanner 665
- Xerox DB 120-D
- GBC® FusionPunch® II
- GBC® eBinder 200™
- Xerox Tape Binder
- Standard Horizon ColorWorks
- Standard Horizon ColorWorks PRO

Choice of Colour Servers
- Xerox FreeFlow® Print Server
- Xerox EX Print Server, Powered by Fiery®
- 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:
  - 200–240 Volts, 10 Amp, 50 Hz (Europe)

Size
- Base Printing System (without RIP and/or feeding/finishing devices):
  - 2,540 mm (W) x 1,105 mm (L) x 1,413 mm (H)
  - Weight: 1,000 kg

Duty Cycle
DocuColor 8002
- Average Monthly Volume:
  - 100,000 to 400,000
- Duty Cycle:
  - 1.2 million

DocuColor 7002
- Average Monthly Volume:
  - 75,000 to 300,000
- Duty Cycle:
  - 1.0 million

Automated Colour Quality Suite
- Increases productivity and consistency by automating calibration
- Ensures superior image quality and repeatability
- Inline spectrophotometer (standard) reads colour data at rated speed
- Features Spot Colour to automatically adjust Pantone® colours for improved accuracy
- Automatically creates destination profiles for colour critical applications

Optional FreeFlow Collection
- FreeFlow Print Manager
- FreeFlow Process Manager™
- FreeFlow Output Manager™
- FreeFlow Express to Print
- FreeFlow Web Services, powered by Press-sense™
- FreeFlow VI Suite
- FreeFlow Makeready®

*All weights mode.

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