Xerox® DocuColor® 8080 Digital Press

Consistent quality, productivity and value

xerox®

Consistently great colour – print after print.

The Xerox® DocuColor® 8080 Digital Press with our "Low Gloss" dry ink produces prints with a pleasing matt finish that looks great on every page. With balanced neutrals, detailed shadows and highlights and excellent photo rendering, the DocuColor 8080 can delight your customers with a sought-after offset look and feel at the speed and ease of digital. Our automated, inline colour calibration technology ensures that the DocuColor 8080 Digital Press gives you consistent, repeatable colours for the highest quality output images.

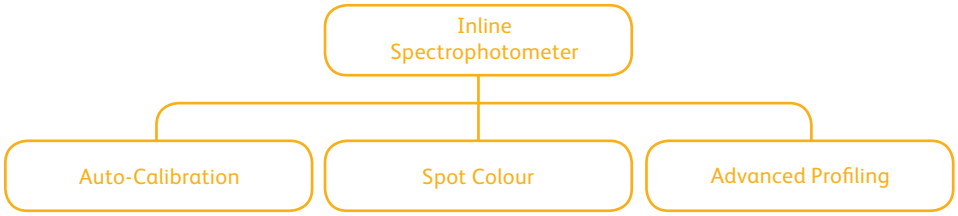
To help you produce more jobs every day, our DocuColor 8080 Digital Press runs all weights of paper at a rated speed of 80 ppm. Print simple jobs on common stocks or complex jobs on heavyweight stocks quickly and reliably. With the DocuColor 8080, more jobs run smoothly through the press, adding up to more billable pages at the end of the month for you.

Reduce your costs by leveraging our customised Productivity Applications – allowing you to increase efficiency and automate workflows. Automate your personalised pieces with **VI on the Fly** packs. Streamline job setup with **Setup and Go** packs for business cards, postcards, calendars, brochures and more. Remove additional bottlenecks with **One-Touch** packs to take time-consuming pre-press operations to touch-less events that happen in seconds instead of minutes or hours.

Grow your business with a suite of Business Development Tools and help from our business development experts. Whether it's training, applications design, marketing, or even how to set your own value-based pricing structure, we can help you every step of the way.

Better colour – faster

The DocuColor® 8080 Digital Press features 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 8080 Digital Press – and our image quality enhancement tools – is an internal, inline spectrophotometer. Our Automated Colour Quality Suite (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 8080 Digital Press dramatically streamlines workflow and increases 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 Xerox® FreeFlow® Print Server performs Spot Colour Calibration to fine tune spot colours to official (PANTONE® licensed) reference aims, 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 accurate colour. Advanced Profiling can render to industry colour standards, such as Fogra and GRACoL for outstanding colour.

Auto-calibration

Leveraging the inline spectrophotometer that is integrated into the paper path, we can reduce time-consuming manual colour maintenance tasks and make them one-button operator functions that 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 streamlining calibration tasks, we help reduce non-productive printer time and facilitate quick, on-time job turnaround. The FreeFlow Print Server delivers even more productivity. 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 to produce more jobs. Based on a platform that has thousands of installations worldwide that produce billions of pages every year, the DocuColor® 8080 Digital Press has 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 heavy-weight stocks from 60 – 300 gsm. 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 of 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

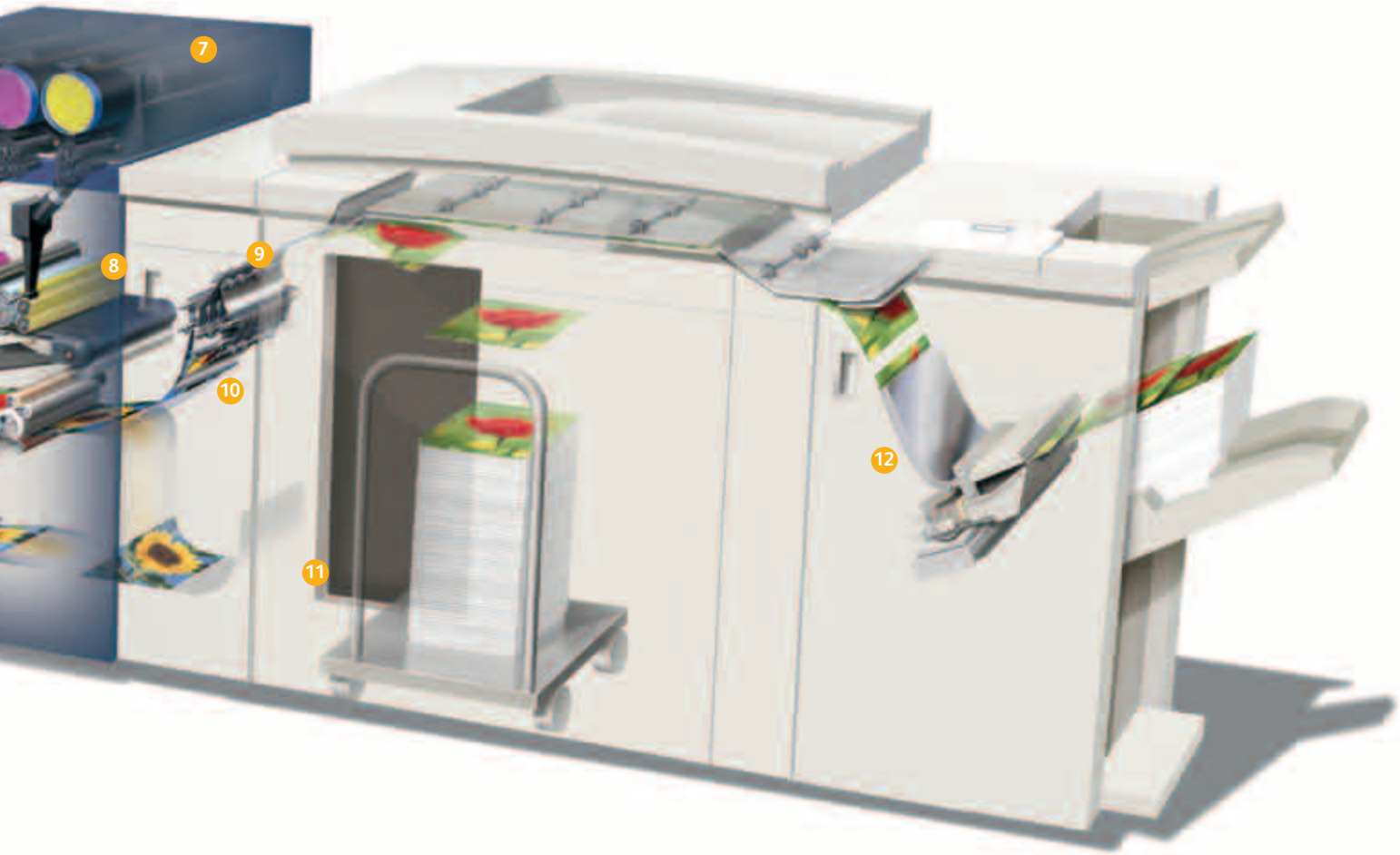
Paper Path, including the stainless-steel inversion and duplex paths, plays an important role in supporting benchmark image quality, reliability and speed. Customer-adjustable settings let you fine-tune image positioning.

7

Load While Run "Low Gloss" Dry Ink improves productivity because you don't have to stop the DocuColor 8080 when loading dry ink. A reservoir holds enough to produce up to 5,000 prints while you load new dry ink cartridges.

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.



8

High Resolution Imaging with state-of-the-art 32-beam laser VCSEL technology writes data quickly at 2400 x 2400 dpi resolution.

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

Optional Stacker/ Stapler enhances productivity with the ability to staple up to 50 sheets of 90 gsm.

Your choice of server.

Find just what you need. The DocuColor® 8080 Digital Press gives 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 ConfidentColour 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, like Adobe PDF Print Engine support, that enable complex and impactful imaging on your press. 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® Colour Server Technology

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.

Workflow Solutions

Productivity Applications
Xerox delivers the solutions that will help you to produce more jobs – with productivity packs that streamline and automate your most common workflows. Each of these optional packs is configured with the appropriate workflow software, hardware and on-site support to ensure you are reaching maximum productivity fast.

VI on the Fly
For personalised applications that delight your customers and will grow your business:

- Decreases composition and RIP time from hours to minutes with templates defined and delivered to you
- Templates for use with FreeFlow VI Suite components to generate postcards, calendars, business cards and posters
- Unlimited templates can be defined by you

Setup and Go
For the easiest job ticketing in the industry that will allow you to produce more jobs:

- No more worries about feature selections, imposition settings and combining files
- Job tickets pre-set for use with FreeFlow Express to Print booklets, brochures, postcards, business cards, calendars and more

One-Touch
For the fastest prepress without operator intervention that will reduce your costs:

- Go from prepress operations that could only allow you to complete a handful of jobs per day to hundreds of jobs per day
- One-touch, drop and go prepress templates that work with FreeFlow Process Manager® for static or personalised postcards, business cards, booklets, brochures, calendars and posters

The optional Productivity Packs can be used with any of the colour server choices for the DocuColor 8080 Digital Press.

Your choice of finishing.

Deliver professional results that are sure to grow your business. The DocuColor® 8080 Digital Press is modular and scalable to meet your production needs. With inline options from a lay-flat binder, high-capacity stacker and cover binder to a basic and professional document finisher, you can improve performance 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® 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 8080. 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® 8080 Digital Press

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
- Inline Spectrophotometer to assist with operator tasks around colour calibration and profiling
- Enhanced Feeding and Finishing
- Floating Aligner Transport for tight front-to-back registration of +/- 0.5 mm

DocuColor 8080 Productivity (All Weights Mode)

- 80 ppm (A4), 60-300 gsm
- 4800 full process colour A4 4/0 impressions per hour
- 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
- 60-300 gsm

Paper Capacity and Handling

- Paper trays: 2,000 sheets each, 182 x 182 mm to 320 x 488 mm, 60-300 gsm
  Note: Tray capacity is based on 90 gsm substrate
- Automatic Tray Switching
- Offsetting Output Tray: 500 sheets with automatic offsetting sets
- Two-sided printing: Automatic two-sided printing (4/4 impressions) from all trays up to 300 gsm

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

Size

- Base Printing System (without RIP and/or feeding/finishing devices):
  - Height: 1,413 mm
  - Width: 2,540 mm
  - Depth: 1,105 mm
  - Weight:1,000 kg

Duty Cycle

DocuColor 8080

- 1.2 million

Choice of Colour Servers

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

Options

- 4,000-sheet Secondary Feeder Module
- 3,750-sheet High-Capacity Stacker
- 2,250-sheet Stacker Stapler
- Xerox® DB120-D
- GBC® FusionPunch® II
- GBC® eBinder 200™
- Standard Horizon ColorWorks
- Standard Horizon ColorWorks PRO

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 ICC-compliant 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
- FreeFlow VI Suite
- FreeFlow Makeready®

Xerox® Productivity Applications

- VI On The Fly
  - FreeFlow VI Interpreter
  - Freeflow VIPP® Pro Publisher
  - Analyst support
- Setup and Go
  - FreeFlow Express to Print
  - Analyst support
- One-Touch
  - FreeFlow Process Manager
  - Personal Computer (spec available if customer-supplied)
  - Analyst support

Business Development

- ProfitAccelerator®: a collection of over 100 tools, kits, guides, templates, financial modeling software and more to help you get a quick start to growing volume with your DocuColor 8080.
- Business Development Services: Training and Professional services to support the Sales and Marketing, Workflow and Operational and Application Development areas of your business. Provided worldwide by a team of Xerox and External Network of Consultants focused on growing your business.

*Available with FreeFlow Print Server only.

www.xerox.com.

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