

Xerox® Colour 800/1000 Presses
High definition image quality.
Fast. Vibrant. Flexible.

Digitally mastered for fine-tuned image quality.

Xerox® Colour 800/1000 Presses deliver sharp, rich, digitally mastered image quality. Utilising Xerox low melt, EA (Emulsion Aggregation) Dry Ink and new fusing technology, Xerox Colour 800/1000 Presses bring you an even wider colour gamut that can produce vibrant images with smooth sweeps that command – and hold – attention. Running all weights at rated speeds of 80 or 100 ppm, Xerox Colour 800/1000 Presses deliver one of the widest ranges of media handling, from a lightweight 55 gsm to a hefty 350 gsm.

Drive more jobs through your shop. Reduce costs. Our Automated Colour Quality Suite of tools for the Xerox® Colour 800/1000 Presses make it possible. These tools are designed to expand your printing capabilities and to enhance your efficiency and productivity. Our optional clear dry ink station available on our Xerox Colour 1000 Press, for example, enables you to apply spot or flood creative effects that bring your prints to life. And with flexible workflow, feeding and finishing, the Xerox 800/1000 Presses will suit your environment now, and as your business volumes grow.



Image quality so outstanding, you won't want to look away

Our Xerox® “low melt” EA Dry Ink technology uses no fuser oil, giving all your applications a smooth offset like finish. Chemically grown, its small, consistent particles produce great quality with less EA Dry Ink for smooth transitions. The unique properties of EA Dry Ink are also environmentally friendly.

Advanced Xerox colour management technology with closed loop process controls enable vivid and consistent colour rendition.

Xerox Colour 800/1000 Presses print at 2400 x 2400 dpi for excellent sharpness and uniformity. They deliver outstanding midtones, crisp text, pure neutrals, detailed shadows and bright highlights, and excellent photo rendering, perfect for today's hot speciality photo applications. And Xerox Colour 800/1000 Presses maintain benchmark colour consistency, from page to page and job to job.

Productivity and efficiency to the max

We've listened to our customers and leveraged our experience and heritage in the production print industry to develop this newest member of our family. Expanding on our proven success, we've packed design and technology innovations into the Xerox Colour 800/1000 Presses making them the image quality and productivity powerhouses that fit your production schedules as well as your workspace. For instance:

- Advanced imaging technology with long life photo receptors and dual wire, auto-cleaning corotrons lasts longer and provides more uniform print quality.
- The seamless Intermediate Belt Transfer (IBT) provides even greater versatility, speed and reliability.
- Tight front-to-back registration within +/- 0.5 mm with electronic controls and sensors that automatically adjust to sheet conditions.
- Highly proficient belt fuser technology efficiently transfers energy and supports wide media latitude to deliver smooth, crisp, clean output at production print speeds.
- Our single-pass decurler integrates both belt and roll technologies for optimal sheet flatness, while the advanced inline cooling module ensures outstanding stack quality.

Automated Colour Quality Suite (ACQS)

You can also opt for our Full Width Array technology, which delivers the Automated Colour Quality Suite (ACQS), a set of colour management tools unique to our entire portfolio of digital colour production presses. These productive tools automate time-consuming daily tasks so colour-critical jobs can be completed faster. Routine tasks such as colour calibration and profiling become simple and quick for your operators.

In addition to those colour management tools, Full Width Array also delivers Image-to-Media Alignment, allowing an operator to automatically adjust for front-to-back registration, perpendicularity, skew and magnification. You can create and store custom paper and alignment profiles for paper stocks to ensure proper alignment.



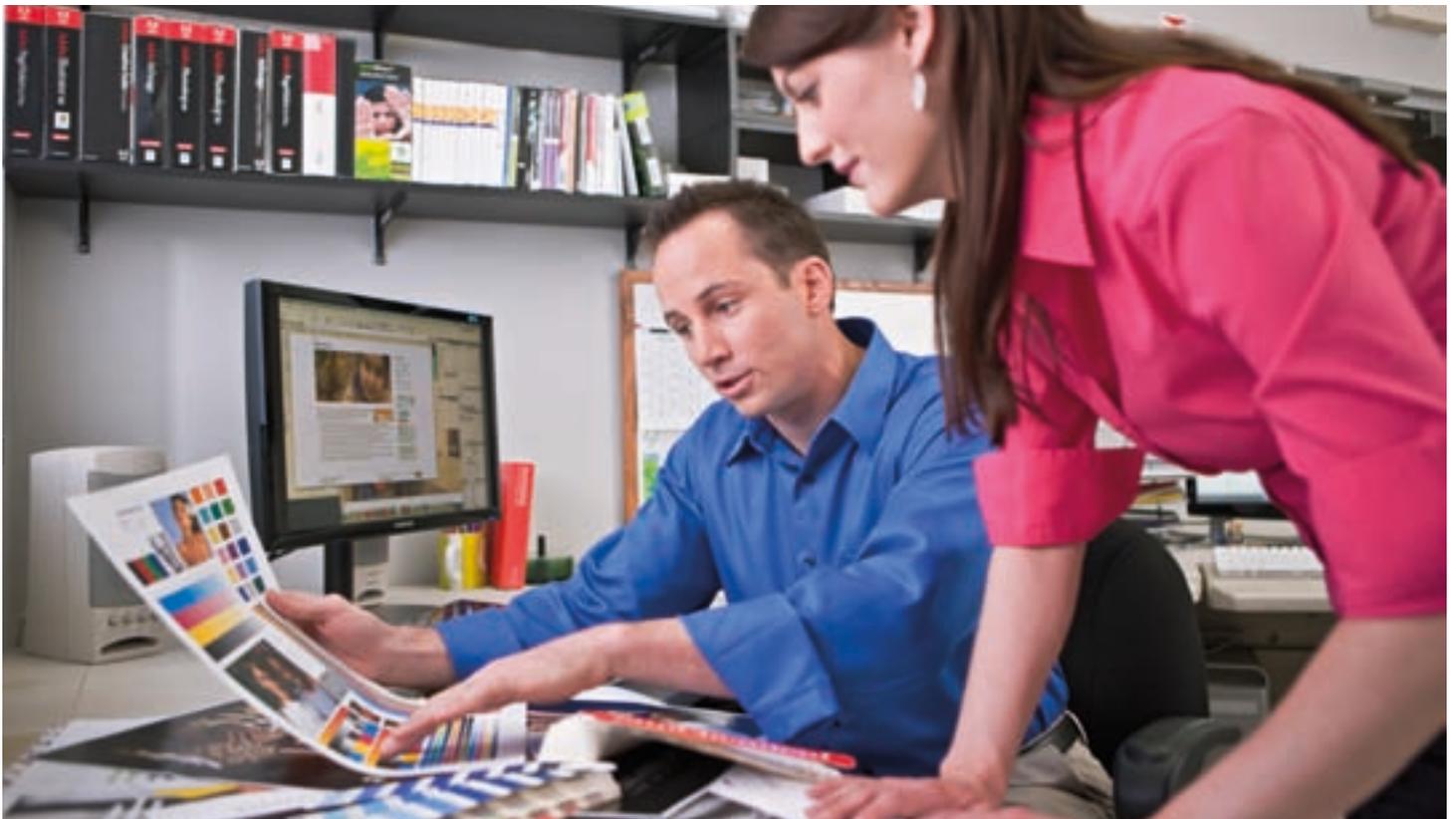
Delivering outstanding midtones, crisp text, pure neutrals, detailed shadows, bright highlights and excellent photo rendering, the Xerox Colour 800/1000 Presses are perfect for today's hot speciality photo applications.

Boost your productivity and achieve accurate, consistent colour – fast.

Xerox® Colour 800/1000 Presses offer you our Automated Colour Quality Suite (ACQS), a set of colour management tools, delivered by optional Full Width Array technology, that dramatically enhance your productivity.

With these efficient tools, your path to high-quality colour printing has never been shorter or more direct. Key tasks are automated to quickly deliver colour accuracy and repeatability from job to job, operator to operator.

The result? More hours to produce more jobs, more efficient operations, better return on your investment, minimise waste and the ability to regularly meet tight turnarounds – leaving your customers delighted.



Fewer steps for operators, more available press time

Your operators typically perform many routine tasks manually – daily, by shift, or by specific print job. While essential, these tasks require operator attention and can cut into your productive print time. And when tasks are performed manually, there's a greater opportunity for error and waste.

By automating regular activities like calibration and profiling with our Automated Colour Quality Suite, you can maximise both operator and print time, saving valuable minutes every time a task is performed. Your operators can initiate tasks easily, making a few simple selections right from your press's intuitive Full Colour Graphical User Interface.

Operators can automate these important tasks

Automated Calibration

Regular colour calibration is an essential step to ensure colour accuracy. It's a step that can cost your operators substantial amounts of print time. With Automated Colour Quality Suite, your operator can initiate calibration at your colour server. From there, the Full Width Array does quick work to ensure consistent colour from your press.

Advanced profiling

Your operator will achieve accurate colour with advanced profiling capabilities. The advanced profiling feature automatically creates a superior, custom ICC-compliant destination profile for your applications. By mapping RGB and CMYK source images to a desired output standard – like a press or industry standard – you can produce more accurate colour.

Image-to-media Alignment

Your operators can quickly set up the best image-to-paper (front-to-back) registration for your media, save it to the paper profile and use it again and again. With optional Full Width Array, an operator initiates the automated image-to-media alignment. The press will run test prints and perform automatic adjustments for paper alignment inconsistencies such as registration (position), perpendicularity, skew and magnification. You won't require a service call, nor does your operator have to undertake a manual "print-measure-adjust-reprint" process.

More tools to build efficiency

The Full Width Array delivers additional automated procedures, previously reserved for service technicians. These include a procedure to automatically centreline your press, when necessary, at the start of a day or shift, as well as a feature to read and adjust inboard/outboard density. This allows the operator to finish a shift or a long job without having to call or wait for service.



Full Width Array

- Array of RGB sensors that spans the entire width of paper path
- Scans post-fused images on media at rated speed
- Can centreline press and maintain accurate and consistent colour
- Automates image-to-media registration adjustments
- Utilises proven Xerox® technology

Help your customers to be more creative. The Xerox Colour 1000 Press with Clear Dry Ink.

The Xerox® Colour 1000 Press lets you enhance the creativity and impact of your prints with an optional fifth print station that lets you apply a clear effect – expanding your capabilities to capture more high-value applications.

Clear dry ink also enables you to create a subtle, professional watermark effect or add an element of security. Or, you can flood the entire page with clear to draw attention and create contrast within an application. Go ahead and be creative. Using clear dry ink gives you the ability to add a new dimension to your printing business, helping your customers differentiate their printed pieces. With clear dry ink, you can highlight images for visual variety, making them stand out from the page, draw attention to headlines and variable text; highlight photos, logos or variable images; create artistic effects; add watermarks and visual value and elegance to your customers' output.

The creative options you can offer by adding this new, clear dry ink capability can help you become a true partner to your customers. You can advise customers already expert in design and layout on how to set up their files properly for this additional clear layer to achieve their desired effect. Or you can offer creative value to customers when they deliver their files, by adding some of these effects right at your print server.



Base image without clear dry ink areas.

With clear dry ink, you can address specific areas on your printed piece or flood an entire sheet, enabling you to:

- Highlight images for visual variety to make them pop off the page
- Draw attention to a headline or variable text
- Enhance photos, logos or variable images
- Simulate pearlescent or metallic appearance
- Apply digital watermarks to add artistic effects or enhance security
- Enhance print quality of textured stocks



Highlighted areas in blue indicate where clear dry ink was applied in this example. To see actual samples of clear dry ink please contact your local Xerox sales representative.

- A**

Highlight areas in images for visual variety to make them pop off the page
- B**

Enhance appearance of simulated metallics
- C**

Highlight silhouetted photos
- D**

Create tinted varnish effects
- E**

Draw attention to headlines
- F**

Create interesting watermarks

Precision engineering built for your applications. Look inside.



1

Optional Oversized High Capacity Feeder

Additional two 2,000 sheet tray module can be added to extend paper capacities for a total of 8,000 sheets and four pick points that accommodate different stocks. Auto-Tray Switching and reload while run capabilities optimise press time.

2

Standard Feeders

Unique integrated design promotes a smaller overall footprint. Two 2,000 sheet trays enable you to run lightweight and heavy-weight stocks from 55-350 gsm with sizes ranging from 182 mm x 182 mm up to 330 mm x 488 mm.

3

Paper Alignment

Ensures precise, +/- 0.5 mm front-to-back registration with electronic controls and sensors that automatically adjust for paper size.

4

Dry Ink Stations

Allow for load while run capability. EA (Emulsion Aggregation) Dry Ink produces high quality using less dry ink and no fuser oil supporting a clean print processing environment.

5

High Resolution Imaging (Drum Developer Housing)

State-of-the-art VCSEL technology provides outstanding 2400 x 2400 dpi resolution and digital halftone screens.

6

Auto Cleaning Dual Wire Corotrons/Long Life Photo Receptors

Dual wire/dual grid design provides more uniform charge to the photo receptor to deliver more stable print quality within page and page to page. Self-cleaning technology optimises press availability while maintaining high print quality standards.

New integrated design, with features such as standard paper trays engineered to be conveniently located within the print engine, reduces overall footprint while paper path technology enhancements improve productivity.



7

Clear Dry Ink Station (Optional with Xerox Colour 1000 Press only)
Lets you expand the creativity and impact of your documents to capture more high-value applications at full rated speeds of 80 or 100 pages per minute.

8

Seamless Intermediate Belt Transfer
Provides even greater versatility, speed and reliability across a wide range of media and applications.

9

Fuser Belt Module
New silicon coated Teflon belt technology rapidly transfers energy more efficiently to fuse a dynamic range of stocks at higher (rated) speed up to 350 gsm.

10

Inline Cooling Module
Cools prints for optimum finishing and stacking.

11

Single Pass Decurler
Optimal sheet flatness using belt and roll technology.

12

Interface Module
This optional component provides a gateway to support a wide variety of finishing alternatives.

13

Full Width Array (Optional)
Inline scanner bar with array of RGB sensors maintains consistent image quality, ensures quick, accurate colour reproduction and boosts your productivity by automating key tasks for your operators.

14

Output Tray
Provides quick and easy access for short runs and proofs.

15

High Capacity Stacker (Optional)
Provides production stacking capabilities (available in single and dual combinations) by supporting all media regardless of size and weight. Removable cart adds unload-while-run capability maximising press time.

Keeping your business moving.

Productivity is the name of the game in all areas of your business today. Customers demand you give them fast delivery of their jobs – with consistent, great image quality – and the flexibility to quickly turn around unexpected work. We've designed the Xerox® Colour 800/1000 Presses from the ground up to make sure you can meet these demands on schedule. Intrinsic in our design is the ability for you to easily, quickly carry out routine maintenance tasks on your terms. Xerox® Productivity Plus lets you optimise available press time and puts image quality under your control, 24 hours a day, seven days a week.

Because you want to keep your business running at full capacity, we've designed Xerox Productivity Plus (XPP), a partnership between Xerox Service and you.

There are a variety of regularly scheduled procedures that we have simplified for you or your operators to perform at the time that is right for your business, without interrupting your workflow. Diagnostics software will alert you when a scheduled routine is approaching – it provides you status information and guides you step-by-step through the replacement procedures.

Dry Ink, belts and corotrons have all been designed for optimum life, but when it's time for a change, we now put you in control. Parts snap in quickly and fit precisely, keeping replacement times to a matter of minutes. The panels covering the areas you need to access in order to perform maintenance are secured with screws that can be driven only by the dedicated tool we supply to you. There's no danger of you or your trained operators accessing critical areas reserved for maintenance by your Xerox Service Representative. It's our way of helping you increase uptime, maximise productivity and optimise the performance of your Xerox Colour 800/1000 Presses.

You still have the continued support from your Xerox Service Representative, but you won't have to completely rely on their arrival at your location for machine maintenance. It's our way of putting the power in your hands to increase productivity and uptime.



The choice is yours. The results are outstanding.

Different environments require different workflows. So, to accommodate your specific needs we offer a choice of three unique, high performance colour servers that help you generate graphic arts colour quality. They all have advanced colour management features and support variable data printing. In addition, all colour server options support Adobe PDF Print Engine, allowing you to accurately reproduce complex design elements as well as advanced graphic effects.

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 Parallel RIP for optimised processing of variable information, page-exception programming, job forwarding and customisable print queues make job management easier.



Xerox CX Print Server, Powered by Creo® Colour Server Technology

The robust CX Print Server combines colour management tools that yield superb colour output with an architecture specifically designed to maximise variable data productivity. And its platform integrates seamlessly with commercial print and high-end workflow environments.



Xerox EX Print Server, Powered by Fiery®

EX Print Servers increase companies' production and profits and deliver outstanding finished jobs simply and quickly. The innovative high-speed servers automate workflows and produce great colour and image quality that are consistent and accurate every time.



Choose the perfect finish for your applications.

You can build the finishing combination that best services your needs, whether you deliver a wide range of jobs or focus on a vital few... we have the variety of finishing alternatives to meet your needs. Offering a range of choices for all production environments, Xerox® Colour 800/1000 Presses have the most complete, flexible, cost-effective finishing options in their class. It's so easy to add a professional finish to complement the outstanding image quality, design creativity and unique substrates made possible by the Xerox Colour 800/1000 Presses. The best part: with its modular design, you can keep adding on as your business grows.



1

Optional High Capacity Feeder

3

Standard Sheet Trays

5

Interface Module (Finishing)

7

Dual High Capacity Stackers

9

200 Sheet Standard Post Process Inserter

2

Xerox Colour Press Print Engine

4

PC Graphical User Interface

6

GBC® AdvancedPunch™

8

Optional Folder: C-fold, Z-fold, Engineering Z-fold

10

Booklet Maker Finisher

11

Xerox SquareFold® Trimmer Module

Configurations to meet your specific production needs.

Xerox® Colour 800/1000 Presses with High Capacity Stacker

Delivers maximum print productivity – delivering high quality, flat output sheets so you can quickly and efficiently leverage offline finishing.



Xerox® Colour 800/1000 Presses with Oversized High Capacity Feeder, Booklet Maker Finisher with C/Z folder and Xerox® SquareFold® Trimmer

Flexible system to handle more “finished-on-demand” applications like booklets, tri-folds, bi-folds and more. The high capacity feeder enables more unattended volume and/or more media types in your documents.



Xerox® Colour 800/1000 Presses with Oversized High Capacity Feeder, High Capacity Stacker and Xerox® Perfect Binder

Productivity and professionally finished perfect-bound books and manuals. With our unique offline mode for the perfect binder, more people in your print shop can generate perfect-bound books while your Colour 800/1000 Press operator can print efficiently to the high capacity stacker.



Xerox® Colour 800/1000 Presses with Oversized High Capacity Feeder, Booklet Maker Finisher, GBC® eBinder and Plockmatic Pro 30 Booklet Maker

Your output can meet a vast array of application requirements, including flat sheet sets, a variety of stapled sets, an economical lay-flat binding and saddle-stitched booklets with full bleed trim capabilities.



Finishing options.

From high capacity stacking, hole punching and folding to square fold booklets and layflats, our array of finishing options add polish to all your applications.

Finishing Options



Interface Module (required to support finishing modules) [Left]

GBC® AdvancedPunch™ [Right]

Create professionally bound documents in-house by combining printing, punching and collating in one convenient step. Ideal for punched applications such as manuals, guides and planners.



High Capacity Stacker (Single or Dual) up to 5,000 Sheet Removable Cart (Top Tray 500 Sheets)

Your choice for long production runs, removable carts make it easy to unload your large jobs. Dual stackers support unload-while-run capability so you can be even more productive.



Standard Finisher with Optional C-Z Folder (2-100 sheets, 3-position variable length stapler)

Enhance your standard finishing applications with convenience and flexibility. Variable length stapling for up to 100 sheets delivers neat output, regardless of your document size. Hole-punching saves time and money, while the optional folder enables you to create applications featuring bi-fold, C-, Z- and Engineering Z-folding.



Booklet Maker Finisher with Optional C-Z Folder (25 sheets or 100 page booklets)

Incorporating all of the features of the Standard Finisher, plus booklet-making capabilities. Ideal for large booklets and calendars, up to 25 sheets with 100 imposed pages, 100 imaged sides. Excellent handling of approved coated stocks along with saddle-stitch and bi-fold capabilities.



Xerox® SquareFold® Trimmer Attaches to the optional Booklet Maker Finisher

Enhance your professional finishing even further with creased cover sheets, face trimming and control of trim and square fold thickness. Create crisp, sharp square spine booklets that can be opened flat and are easy to handle, stack and store.



Xerox® Perfect Binder*

Say “yes” to more applications – novelty books, manuals, textbooks, course books, magazines, catalogues, trade books and selected photo books and yearbooks. Use inline or offline, you’ll have big capabilities in a small footprint. You can use mixed media to create these higher-value books, inserting pre-printed covers or covers printed in your workflow.

*Available post-launch.

Additional Finishing Options



Standard Finisher Plus

Includes Standard Finisher features with Optional C-Z Folder plus DFA (Document Finishing Architecture) required to support additional finishing options.



GBC® eBinder 200™

Produce full 360°, “lay flat” booklets easily and quickly. You’ll have stack, punch and bind functionality, all in one inline device. Bind books of two to 100 sheets. Durable, self-adjusting polyester bind elements let you create professional flip presentations and calendars as well.



PlockMatic Pro 30 Booklet Maker (several options available including SquareFold®, Cover Feeder, Face Trimmer and Bleed Trim Unit)

Produce larger professional-quality booklets – up to 30 sheets – while running at full rated speed for top productivity. Add optional SquareFold module to further enhance finish. Great for offline use as well.

Feeding Option



Oversized High Capacity Feeder

Provides an additional two 2,000 sheet tray modules that you can add to extend your paper capacities for a total of 8,000 sheets and four pick points to accommodate various stocks. Includes convenient insertion tray that allows you to handle smaller sheets (102 mm x 152 mm) – ideal for speciality card applications. Auto-Tray Switching and reload-while-run capabilities help optimise your productivity.

Specifications for Xerox® Colour 800/1000 Presses

Technology

- 2400 x 2400 dpi VCSEL ROS
- Xerox EA Low Melt Dry Ink
- Advanced centre registration technology for tight front-to-back registration of +/- 0.5 mm

Productivity

- 80/100 ppm, all weights 55-350 gsm
- Maximum Sheet Size: 330 x 488 mm
- Minimum Sheet Size: 182 x 182 mm, optional tray inserter kit supports for 102 x 152 mm
- Duty Cycle
 - Colour 800 Press: 1.5 million
 - Colour 1000 Press: 1.75 million

Paper Capacity and Handling

- Standard Paper Trays: Two (2) at 2,000 sheets each
Note: Tray capacity is based on 90 gsm substrate
- 55-350 gsm coated/uncoated
- Minimum Sheet Size: 182 x 182 mm to Maximum Sheet Size: 330 x 488 mm; optional tray inserter kit supports 102 mm x 152 mm
- Auto-Tray Switching/Reload While Run Capability
- Auto-Perfecting (4/4 impressions) from all trays up to 350 gsm at rated full rated speed

Size

- Base Printing System (without RIP and/or feeding/finishing devices):
 - Height: 1,865 mm
 - Width: 3,009 mm
 - Depth: 1,092 mm
 - Weight: 1,373 kg (without dry ink, PC-UI)

Choice of Colour Servers

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

Optional FreeFlow Collection

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



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