

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

# Digitally mastered for fine-tuned image quality.

**Xerox® Colour 800/1000 Presses deliver you sharp, rich, digitally mastered image quality.** Utilising Xerox low melt, EA (Emulsion Aggregation) Toner 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 light weight 55 gsm to a hefty 350 gsm.

**To further expand your digital printing capabilities, we've added an optional clear dry ink station to apply spot or flood creative effects that bring your prints to life.** With an eye on changes in the print industry and an ear to our customers, we've developed an exciting colour press with versatility, scalability and performance that's perfect for production environments. 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 Toner technology uses no fuser oil, giving all your applications a smooth offset like finish. Chemically grown, its small, consistent particles produce great quality. Advanced Xerox colour management technology with closed loop process controls enables 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, 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

We've 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. Advanced imaging technology with new long life photo receptors and dual wire, auto-cleaning corotrons lasts longer and provide more uniform print quality. The new seamless Intermediate Belt Transfer (IBT) provide even greater versatility, speed and reliability.

You get tight front to back registration within +/- 0.5 mm with electronic controls and sensors that automatically adjust to sheet conditions. Easy-to-use controls let you master demanding jobs with precision, making adjustments for front to back registration, perpendicularity, skew and magnification. You can even create and store custom paper and alignment profiles for specific jobs and paper stocks. New, highly efficient belt fuser technology efficiently transfers energy and supports a wide media latitude delivering smooth, crisp, clean output at production print speeds. Our new single-pass decurler integrates both belt and roll technologies to deliver optimal sheet flatness, while the advanced inline cooling module ensures outstanding stack quality.



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.

# Help your customers to be more creative. The value is digitally clear.

**Xerox® Colour 800/1000 Presses let 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.

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 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)**

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

**High Capacity Stacker**

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.

14

**Output Tray**

Provides quick and easy access for short runs and proofs.

# 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, letting you optimise available press time and put 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.

Toner, 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.

## **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.

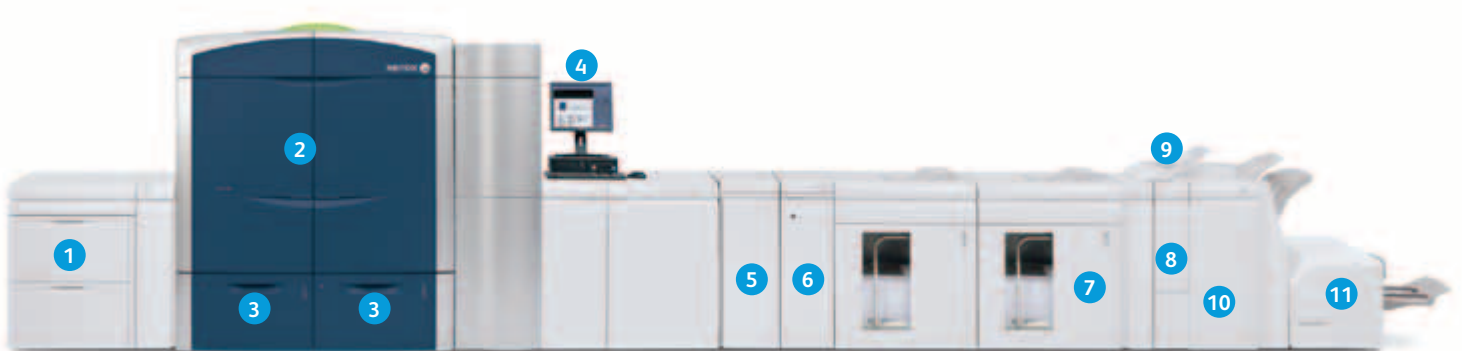
## **Xerox EX Print Server, Powered by Fierey®**

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, clear dry ink 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 (optional clear dry ink station available)

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

# Finishing options.

## Feeding Option



Optional High Capacity Feeder

## Finishing Options



GBC®  
AdvancedPunch™



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



Interface Module  
(required to support  
finishing modules)



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



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

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.

## Additional Finishing Options (Available Post Launch)



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



Xerox Tape Binder



GBC®  
eBinder 200™



PlockMatic Pro 30  
Booklet Maker

# Specifications for Xerox® Colour 800/1000 Presses

## Technology

- 2400 x 2400 dpi VCSEL ROS
- Xerox EA Low Melt Toner
- 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 Minimum Sheet Size
- 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: 2,995 mm
  - Depth: 1,105 mm
  - Weight: 1,450 kg (without toner, 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, powered by Press-sense™
- FreeFlow VI Suite
- FreeFlow Makeready®



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