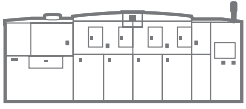


Xerox® 490/980™ Colour
Continuous Feed Printer
Overview



Xerox 490/980 Colour
Continuous Feed Printer
High-Speed Colour
Without Compromise.

Xerox® 490/980™ Colour Continuous Feed Printer

Continuous colour. Non-stop productivity. Make the transition to continuous colour with this easy-to-learn, easy-to-use, easy-to-maintain technology. Our innovative full colour continuous feed system delivers high speed, crisp image quality, flexibility and reliability for a wide range of applications.



Continuous web feeding delivers precision registration, especially during two-sided printing.

Modular and flexible configurations to print just about anything you want.

Built-in graphical user interface gives you the power to manage jobs and simplify workflow like never before.

With high-speed colour, you can develop new market opportunities in TransPromo and direct mail markets with full-colour applications. Our continuous feed production printing lineup is setting benchmarks for colour, productivity and ease of use so you can meet your customers' needs.

Adding colour to your documents directs your customers' attention to the areas where you want them to focus.

Colour communicates your message more effectively and highlights specific items you want your customer to act on. It adds perceived value in financial statements, clarifies information in user manuals and enhances messages in marketing pieces. Use colour to improve readability, increase response rates and energise your documents.

Individualised systems designed for individualised marketing.

Variable print is driving one-to-one marketing and has become a preferred choice of communication in direct mail markets as well as transactional-promotional documents, such as invoices and statements. Our 490/980™ Colour Continuous Feed Printer will give you the advantage you need to produce

full-colour, high-speed variable data printing and provide more impactful individualised marketing messages.

Using one print engine for simplex or two engines for duplex gives you the modularity and flexibility to configure your system for just about anything you want to print – including transactional jobs with promotional messages, billing statements, direct mail and inserts to books, manuals, catalogues and newspapers*.

Full colour with high-speed printing.

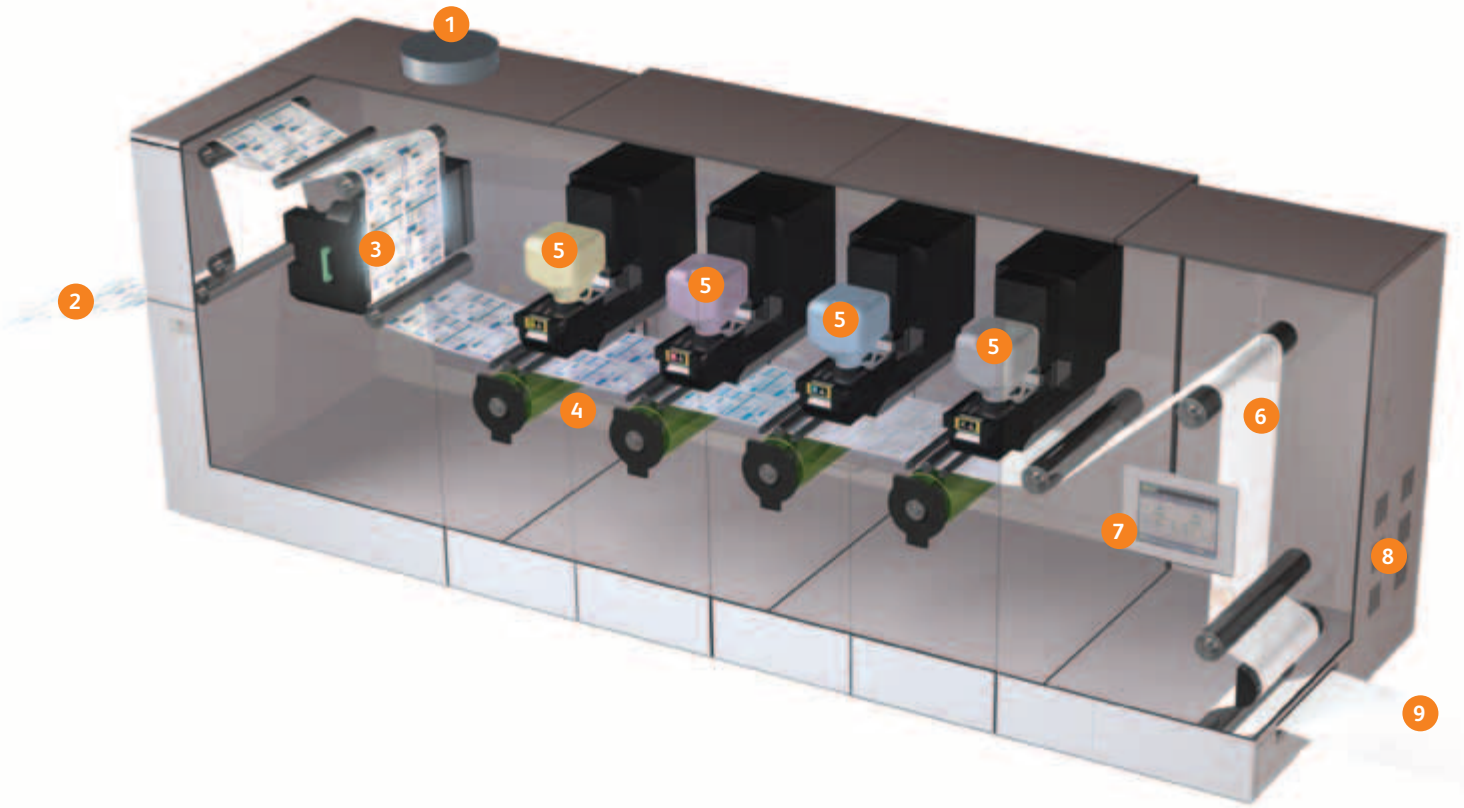
Our 490/980 Colour Continuous Feed Printer is the fastest toner-based full-colour continuous feed system, running at up to 69 metres per minute at 600 dpi. A 495 mm web allows for printing 2-up A4-size images or 3-up book images in 6 x 9 inches format per linear foot per side.



*Newspapers available post-launch.

Xerox® 490/980™ Colour Continuous Feed Printer

A simpler, faster way to go. Simplex paper path.



1
Exhaust Vent

3
Flash Fusing Module

5
Toner Hoppers

7
GUI

9
Loose or Slack Web Input

2
Loose or Slack Web
Output to Finishing
Devices

4
Imaging Drum

6
Tension Module

8
4x86 Controllers 1 per
Colour; Dual Core
Processors 8GB RAM

Efficiency from the inside out

Flash-fusing technology enables more kinds of media.

Our 490/980™ Colour Continuous Feed Printer uses a uniquely designed toner technology that enables the use of flash fusing at the high speeds of continuous feed devices. The unique high-speed printing is enabled by CMYK twin-duplex printing. Since flash fusing does not contact the paper, you will gain the ability to print on a wider range of substrates in comparison to continuous feed machines that use traditional heat roll fusing or inkjet technology. And flash fusing delivers greater toner uniformity to produce high-quality images. Other benefits of flash fusing are reliable paper handling and minimal warm-up time.

- Accepts a variety of paper stock types and weights. No special or treated paper required.
- Flash fusing heats much more the toner and much less the white paper so the paper retains its natural moisture resulting in less shrinkage, static electricity buildup and curl.
- As a result, finishing equipment works more reliably with fewer jams.

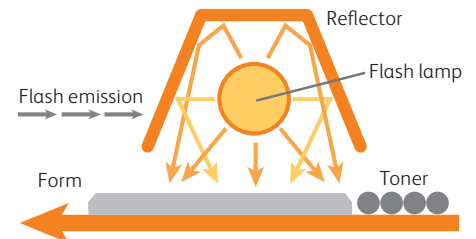
The toner used in the flash-fusing process is a unique formula designed to melt in a thousandth of a second with just a flash of high-intensity light. It is a fine-particle, small-diameter toner with special properties and materials to enable permanent adherence on a wide variety of substrates.

Transactional colour at 600 dpi resolution.

Our unique small-particle toner and non-contact flash-fusing technology make even the smallest font characters clearly legible. Photos, halftones, superscripts, fine lines and microtext are crisp and clean.

Automate your entire end-to-end process.

We work closely with leading finishing and feeding partners to provide an entire end-to-end process. By connecting pre- and post-processing systems, such as roll-feed unwinders and automated finishing devices such as cutters, fanfold stackers and rewinders you can provide a wide range of finishing solutions.



Flash-fusing

Small-particle toner delivers excellent legibility and colour quality.



All systems include CMYK four-colour print alignment and running-register technology for excellent colour quality and accuracy.

Precision paper transport and tension web for accurate registration.

Precision continuous web feeding minimises the possibility of registration problems during two-sided printing. You get the best of both worlds with slack web input and output enabling use or repurposing of existing pre/post devices. Plus, you get the advantage of a tension web inside the printer to ensure precise colour-on-colour registration plus excellent front-to-back alignment for duplex applications.

Integrated Onboard Print Controller.

Our Onboard Print Controller is compatible with industry-standard IPDS (Intelligent Printer Data Stream) Adobe PostScript Level 3™ Adobe PDF Print Engine (APPE) for high performance PDF RIP and the Xerox VI Interpreter*.

Each colour is processed by one of four individual RIPs located in each print engine. Dual-core Opteron processors are supported by plenty of RAM and disc capacity allocated to each RIP, enabling maximum productivity and throughput for even the most complex jobs.



Get the flexibility of an offline printer controller.



Enjoy enhanced visibility and operability.

Our built-in graphical user interface (GUI) provides multitasking functionality through a 15" colour, touch-sensitive screen. The GUI is user friendly with industry-standard icons and pull-down menus to provide fingertip control to manage job, printer and paper information. You can also capture and save all job attributes in up to 64 queues. We simplify workflow and job setups with 46 built-in imposition schemes that come standard with the system.

A remote PC system enables full printer control from a remote location across the room or across the hall using a PC and GUI with full keyboard. An operator can control many of the printer functions as the GUI at the printer and enable connection of offline calibration scanner and input of colour profiles to printer controller.

FreeFlow®
Digital Workflow Collection

Xerox® FreeFlow Digital Workflow enhances and accelerates your applications.

We have developed specific workflow solutions to help you connect with your customers by enabling web-to-print functionality, reduce cost with automation and enable new applications. Ask your Xerox representative how you can make the most of your investment and increase productivity by simplifying your existing workflow.



Add more value with colour.

Studies have shown that colour can significantly:

- Increase retention and recall
- Boost response rates
- Reduce errors
- Enhance your business image
- Improve productivity

Your business: evolving and growing

TransPromo and Transactional printing.

Have you thought about migrating your high volume transactional applications to colour? Maybe you already have or are somewhere in between. The new Xerox® 490/980™ Colour Continuous Feed Printer makes that task easier than you think.

- **Boost response rates** by adding high-quality **variable data colour** and **data-driven graphics** to bills, statements and invoices.
- **Use the white space** in your invoices and statements to up-sell and cross-sell new products and services. Studies have shown that clients read their statements every month because they have to act on them or pay a bill. Use that statement to communicate more effectively with customised marketing messages and drive new business at the same time.
- **Save print costs** and **reduce postal fees.** Transform transactional documents into **TransPromo** communications. Turn those communications into **cost-effective sales tools** by adding personalised graphics, **promotional offers** and **marketing content** all in full colour.

Direct mail.

- Implement cost-effective full colour **marketing campaigns** for your customers with targeted and **customised direct mail** pieces leveraging the combination of high speed and full colour.
- **Get faster response rates** because colour not only grabs attention but digital colour drives faster time to market, resulting in faster returns.
- High speed and full colour are no longer a trade-off. At 900 A4 full-colour images per minute, you can meet your service level agreements from your clients every day of the week. Missed print windows and extra labour for overtime will be a thing of the past.



Publishing.

Our 490/980 Colour Continuous Feed Printer makes quick work of publishing applications without sacrificing image and output quality. Whether it's a communication to thousands of customers or a personalised newsletter to high-frequency shoppers, you can deliver your applications **fast** and **efficiently**, while exceeding customers' expectations with full-colour **output quality**.

- Print colour documents that can be **finished more reliably** in-line or off-line due to our flash-fusing technology.
- Personalise text and graphic content with full colour to **capture attention** and **add value** to your communications.
- Deliver **high-quality colour output** on media that gives your customers a **competitive advantage**.

Books and manuals.

We have the **right business model**, the **right workflow tools** and **experience**, and the **right technology** to help you succeed in the printing of educational workbooks, catalogues and manuals today.

- Deliver high-quality text and images in a flat output sheet for the look and feel authors, publishers and readers demand.
- Use Xerox FreeFlow® Digital Workflow Collection tools and resources to streamline and optimise your workflow.
- With revolutionary new technology, new levels of productivity and affordable print quality, you will experience the difference with the Xerox 490/980 Colour Continuous Feed Printer and most importantly so will your customers!

Specifications

Printer

Print Engine: Xerographic Pinless and Pinfed Engine (Duplex requires twin configuration)

Imaging Technology: LED, Xerographic

Fusing Method: Non-contact Flash-Fusing

Resolution

Input: 240 dpi, 300 dpi, 600 dpi

Output: 600 x 600 dpi

Print Speed: 69 m/min

Speed in Images per Minute:

A4 (210 mm x 297 mm)

- Simplex
 - Portrait: 225
 - Portrait two-up: 450
- Duplex
 - Portrait: 450
 - Portrait two-up: 900

Tone Scale: Binary

Paper Handling

Print Width

Pinless: Up to 483 mm

Pinfed: 470 mm

Print Length: Up to 711 mm

Paper Type: Pinfed, pinless, using a tension pinless web

Paper Weight*: 64–160 gsm

Web Width: 210 mm–495 mm

Paper Length

External Output: 76 mm–711 mm by increment of 4.06 mm

Pre- and Post-Processing: The printing system does not contain a feeder or stacker. Pre- and post-processing devices connect via a unique interface (similar to Type 1).

Recommended list of validated devices available.

Print Engine Controller

CPU: AMD® Dual Core Opteron® Intel® Celeron®

Memory Capacity: 8GB RAM per controller. Total of four controllers per engine. Each controller has minimum of 8GB RAM with additional 8GB available (optional)

Capacity: Ultra SCSI 147GB HDD x 2 per controller

CD-ROM/DVD-ROM: Read, Write/Read

GUI: Full-colour touch-screen GUI interface Job setup and control while run

Remote GUI

CPU: Intel® Pentium D Processor Dual Core™

HDD: SATA DVD/CD-ROM

HDD Capacity: 80GB

Minimum memory: 1GB RAM

Interface: Only one host connection per print engine

Connectivity: TCP/IP Ethernet Gigabit

Data Streams: IPDS, PDF, PS, VIPP® (with optional VI Interpreter)

Installation Environment

Dimensions per Engine:

5.0 m (W) x 1.8 m (D) x 2.1 m (H)

Weight: 5,800 kg

Floor Loading: 7,500 N/square metre

Point Loading: 6,000 N/floor tile (500 mm x 500 mm)

Environments: IBM® AFP/IPDS via PSF for OS/390® (connected TCP/IP™) InfoPrint Manager, Other

Temperature

Minimum: 15°C/59°F

Maximum: 36°C/86°F

Relative Humidity: 30% RH–65% RH (without condensation)

Heat Dissipation: 18K BTU–188k BTU (U.S.) (19 MJ/H–198 MJ/H)

Noise Level

Printing: 78 dB maximum per engine

Standby: 58 dB minimum per engine

Electrical Requirements with

Transformer per Print Engine (Europe)

- 380–415 Volts
- Minimum 150A/Phase 50Hz
- (3) 50A Triple Phase Lines

Electrical Consumption: 5.9 kVA (standby) 61 kVA (printing)

*Paper weights lighter than 64 gsm or heavier than 160 gsm may also be used subject to satisfactory testing for suitability.

For more information on the Xerox® 490/980 Color Continuous Feed Printer call 0800 787 787 or visit us on the web at www.xerox.co.uk

