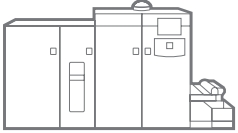


Xerox 495 Continuous
Feed Duplex Printer
Overview



Xerox[®] 495[®] Continuous
Feed Duplex Printer
Fast, flexible, duplex in a flash



More substrates. Less space.

The Xerox® 495® Continuous Feed Duplex Printer. Incorporating a suite of high-performance features, this versatile printer provides invaluable support for efficiency and productivity in mission-critical operations with:

- Continuous high-speed, high-resolution printing at 472 ipm (two-up duplex) and 600 dpi, enabled with flash-fusing technology
- IPDS compatibility to provide a seamless plug-compatible solution
- Newly developed duplex printer features two print drums in one space-saving machine
- PLB Interface allows flexible connection of the pre- and post-processing equipment
- Excellent image quality ensured by flash fusing and new small-particle toner

Steady, reliable paper transfer

Extremely reliable, high-precision pinfed paper transfer minimises the possibility of registration problems during two-sided printing. Auto-loading enables quick stock changes for box/stack input or via roll unwinder.

Paper path



Paper transport section

With the straight, short paper path, changing paper substrates and setting up the paper path for duplex continuous-form printing becomes easy and hassle-free.

- 1 Paper exit for inline finishing and post-processing
- 2 Stacker section

- 3 Flash-fusing system
- 4 Side 1 imaging
- 5 Organic drum units

- 6 Side 2 imaging
- 7 Paper feeding
- 8 Hopper section

- 9 Feeding flexibility – choose stacked or third-party roller-feeder

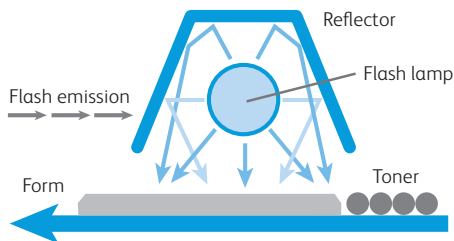
High-speed printing

Speeds up to 472 ipm enable the Xerox 495® Continuous Feed Duplex Printer to process high volumes consistently.

High productivity with long unattended runs is possible using roll-feed unwinders and automated post-processing finishing devices.

Better image quality

High-density printing with 600 dpi resolution allows photos, halftones, small fonts, superscripts and fine lines to be printed clearly and quickly. Superior image quality reflects the use of small-particle toner and the non-contact flash-fusing technology. This ensures even the smallest characters are always legible.



Flash-fusing

Small-particle toner delivers excellent legibility and print quality.

Improved performance with flash-fusing technology

Flash-fusing technology reduces paper heat and shrinkage and retains proper paper moisture and electrostatic attributes. High-intensity flash lamps heat the toner. As the toner is fixed without the fuser contacting the paper, wide varieties of papers can be printed – from normal paper to speciality substrates (plastic card and labels).

Other advantages:

- Substrate technology enables printing on stocks with glues and adhesives
- Reduced likelihood of media damage allows finishing equipment to work more reliably
- Elimination of fuser oil allows output to be more compatible with a variety of finishing applications

Touch-screen ease for all operations

The built-in control panel uses a colour touch display to enhance visibility and operability. Operations like start-up, setting input data, logical page specification and editing can be performed. With our software, high-speed RIP is achieved and print data format is compatible with the industry-standard IPDS.

Simplex, duplex printing with single printer

Using two imaging drums in one machine, the reverse side of the page is printed with the first drum unit while front-side imaging is performed with the second drum. The image is flash fused and then fixed once for each side.

The short duplex paper path uses less paper and minimises set-up time when compared to the traditional duplex approach, which uses two separate print engines.

Multiple substrates

The Xerox 495 Continuous Feed Duplex Printer handles a wide variety of applications – from paper widths of 165.1 mm to 457.2 mm and paper weights of 64 gsm to 157 gsm, to speciality papers like labels, ID cards, RFID transponders and tags.

Flexible connection with PLB Interface

The Print Line Bus™ (PLB) enables communication with up to 10 devices. The PLB allows you to monitor the pre- and post-processing equipment and the printer through the GUI, providing an end-to-end solution for improved productivity.

Small footprint

The Xerox 495 Continuous Feed Duplex Printer requires half the space of traditional duplex printing (using two simplex printers). This enable the customers to have complete duplex redundancy and backup in the same footprint.

Workflow solutions to help build your business.

Xerox FreeFlow® solutions streamlines and automates workflow processes – saving time, labour and waste while shifting quality, productivity and efficiency into overdrive. Built on industry standards, FreeFlow integrates with and extends your existing workflow to deliver measurable business benefits.

FreeFlow Print Server provides faster processing and VI caching support for personalised text and high quality graphics and images, so your printer runs at rated speeds. FreeFlow Print Server security features like Monochrome Speciality Imaging Text provides MicroText and Correlation Mark, making your application processing and hard copy output secure. Easier to use GUI makes integration into cut-sheet print shop environments more flexible and productive and you can move beyond the native IPDS of the printer to enable PostScript, PDF, PCL and TIFF applications.

Specifications for Xerox® 495® Continuous Feed Duplex Printer

Printer

Print Engine: Single Printer Pinfed Duplex Engine

Technology: LED

Fusing Method: Flash Fusing

Resolution

Input: 240 dpi, 300 dpi, 600 dpi

Output: 240 x 240 dpi, 600 x 600 dpi

Print Speed: 35.1 m/min

Speed in Images per Minute:

A4 (210 x 297 mm)

- Simplex
 - Portrait: 118
 - Portrait 2 up: 236
- Duplex
 - Portrait: 236
 - Portrait 2 up: 472

Paper handling

Print Width: 600 dpi (or 300 dpi): 447 mm max;

240 dpi: 424 mm max

Print Length:

• **Internal Stacker:** 177.8 mm–355.6 mm

• **External Output:** Up to 711.2 mm

Paper Type: Pinfed, preprinted, plain, boxed fanfold forms (up to 300 mm) high, 3,000 sheets (64 gsm) and roll-fed paper

Paper Weight*: 64 gsm–157 gsm

Paper Width: 165.1 mm–457.2 mm

Paper Length

• **Internal Stacker:** 177.8 mm–355.6 mm by increment of 4.23 mm

• **External Output:** 88.9 mm–711.2 mm by increment of 4.23 mm

Pre- and Post-Processing:

- **Xerox Print Line Bus (PLB)**
 - Monitoring all devices along PLB via Stampa user-friendly touch-screen i/f
 - Up to 10 PLB interfaces per print line
 - Enables mix and match of various pre/post vendor devices in same line
 - Support for 3rd-party unwinder and other finishing solutions available

Print engine controller

CPU: Intel® Double Xeon™

Memory Capacity: 1GB RAM

Capacity: 40GB HDD

CD-ROM: Read Write

GUI: Stampa full-colour touch screen GUI interface

Job setup and control while run

Interface: Up to 2 host connections per print engine

Connectivity: TCP/IP Ethernet Gigabit (Standard);

Second TCP/IP Ethernet Gigabit (optional)

Data stream support

Native: IPDS (type 4) capabilities including compressed images, IBM® Line Mode (IBM 3800-3), Océ Enhanced Line Mode (with LIPS/OLGA)

• IBM® OS/390® V2.0 or higher, Z9 Z/OS

• IBM® TCP/IP™ for MVS™ 3.2 or higher

Optional:

• Xerox FreeFlow® Print Server. Supports PostScript®, PDF, PCL, TIFF, VIPP® and PPML

Installation environment

Dimensions: 296.5 cm (L) x 89 cm (W) x 170 (H) cm

Weight: 1440 kg

Environments: IBM® AFPTM via PSF/MVS, PSF/VM,

PSF/VSE, PSF 400®, PSF/AIX®, PSF/OS/2® InfoPrint

Manager for AIX®, InfoPrint Manager for Windows® NT®/2000

Temperature at sea level: 15°C–32°C

Relative Humidity: 40% RH–70% RH

(without condensation)

Heat Dissipation: 16.2 kW

Noise Level

• **Printing:** 72 dB maximum per engine

• **Standby:** 62 dB per engine

Electrical Requirements

• 50Hz/60Hz 3 phases: 200V–230V 10%

via transformer input 380V/415V

Electrical Consumption

• **Printing:** 13 kVA average, 19 kVA maximum

• **Standby:** 4 kVA average

• **PLB:** 4 W per box

*Paper weights lighter than 64 gsm or heavier than 157 gsm may also be used subject to satisfactory testing for suitability

www.xerox.com

