Specifications

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: 115 ft/min (35.1 m/min)
Speed in Images per Minute:
US Letter (216 x 279 mm)
- Simplex
  - Portrait: 125
  - Portrait 2 up: 251
- Duplex
  - Portrait: 251
  - Portrait 2 up: 502
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):
17.6" = 447 mm max; 240 dpi: 16.7" = 424 mm max
Print Length:
- Internal Stacker: 7"–14" (177.8 mm–355.6 mm)
- External Output: Up to 28" (.166")
Paper Type: Pinfed, preprinted, plain, boxed fanfold forms (up to 300 mm (11.8")) high, 3,000 sheets (17 lbs/64 gsm) and roll-fed paper
Paper Weight*: 17 lbs–42 lbs/64 gsm–157 gsm
Paper Width: 6.5"–18" (165.1 mm–457.2 mm)
Paper Length
- Internal Stacker: 7"–14" (177.8 mm–355.6 mm) by increment of 4.23 mm (.16")
- External Output: 3.5"–28" (88.9 mm–711.2 mm) by increment of .16" (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-color 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); IBM® Channel S/370 Interface (optional); 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
- Emtex® VIP™. Supports LCDS/Metacode and AFPDS to IPDS

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 and sea level: 59°F–9.6°F/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
- 350Hz/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 17 lbs/64 gsm or heavier than 42 lbs/157 gsm may also be used subject to satisfactory testing for suitability

Xerox 495 Continuous Feed Duplex Printer
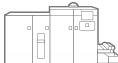## Fast, flexible, duplex in a flash

For more information on the Xerox 495 Continuous Feed Duplex Printer call 1-800-ASK-XEROX or visit us on the web at www.xerox.com

xerox

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 500 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 minimizes 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

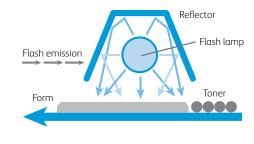**9** Feeding flexibility— choose stacked or third-party roller-feeder

High-speed printing at 500 ipm (two-up duplex) U.S. letter

Speeds up to 500 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. The results are improved turnaround time and operational efficiency.

Better image quality with higher resolution—600 dpi

With the Xerox 495 Continuous Feed Duplex Printer, high-density printing with 600 dpi resolution allows photos, halftones, small fonts, superscripts and fine lines to be printed clearly, quickly. Superior image quality reflects the use of small-particle toner and the non-contact flash-fusing technology. This new, cleaner technology ensures even the smallest characters are always legible.

Flash-fusing
Small-particle toner delivers excellent legibility and color quality.

Improved performance with flash-fusing technology

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

Other advantages:

- Substrate technology enables printing on stocks with glues and adhesives
- Media retains its moisture and electrostatic attributes better due to reduced exposure to heat and no pressure contact
- 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 color 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

With the short paper path, duplex continuous form printing has never been this easy. 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 minimizes 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 6.5" to 18" and paper weights of 64 gsm to 157 gsm, to specialty 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 by connecting each device in the print line. 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 provides customers who have limited space with the ability to have complete duplex redundancy and backup in the same footprint.

Workflow solutions to help you build your business.

Xerox FreeFlow® solutions enable you to connect with your customers, reduce costs and make possible new applications. FreeFlow streamlines and automates workflow processes—saving time, labor 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 personalized text and high quality graphics and images, so your printer runs at rated speeds. FreeFlow Print Server security features like Monochrome Specialty 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. From proven success in production environments to extensive support of nearly every major print data stream, you can move beyond the native IPDS of the printer to enable PostScript, PDF, PCL and TIFF applications.