

XEROX DOCUCOLOR 2000 SERIES  
DOCUCOLOR 2045/2060



KEEP THE CONVERSATION GOING.  
SHARE THE KNOWLEDGE.

*DIGITAL*  
THE DOCUMENT COMPANY  
XEROX



*DIGITAL*  
THE DOCUMENT COMPANY  
XEROX

Introducing  
the Fastest Digital Color  
Sheet-fed Press  
in the World...

In recent years, the market growth of short run color printing has been dramatic. This trend has been primarily fueled by customers' desire to market to a specific audience and at the same time leverage the impact of color. Yet, designers, printers and discerning customers have always been asked to compromise image quality for short run printing.

*But that's all about to change.*



*Image quality that can be confused for offset*

In designing the DocuColor 2000 Series, Xerox engineers were driven by the belief that digital presses in a production environment should have image quality consistent with offset presses. They made sure that belief became reality by developing cutting-edge technology that allows us to claim image quality comparable to offset .

*One look at our output will change your perception of digital color printing forever...*

**Period!**

# Image Quality, Job Versatility, Affordability and Productivity...



*We engineered the DocuColor 2000 Series to allow you to cost-effectively produce more jobs faster, and with greater image quality than ever before on a digital color press.*

## *Digital color printing mistaken for offset*

Until now, the market had never experienced offset image quality from a digital color press. You might have heard “offset-like quality” or “quality rivaled by offset”, but you’ve probably never seen digital quality that could truly be mistaken for offset quality. With the Xerox DocuColor 2000 Series, we’ve built in the technology and resolution to ensure that all your digital jobs have the same impact as your offset jobs.



## *Expanding your business opportunities: a simple reality*

DocuColor 2000 products work for you. With a wide media latitude, the DocuColor 2000 Series lets you produce a broader range of applications. This means you can say “yes” to more jobs and open doors to new sources of revenue. The ability to handle extra-heavy stocks (up to 12 pt./280 gsm) and 12.6” x 19.2” (320mm x 487mm) for full-bleed 11” x 17”/A3 jobs means full-color brochures in a variety of finished sizes, video box covers, and point of purchase signage are now a simple reality.



## *Investment in profitability*

The DocuColor 2000 Series uses improved imaging technology, which reduces operating costs over current offerings by up to 40%\*. When you consider the additional cost savings gained through superior reliability, minimal operator involvement, and longer periods of unattended operation, it’s easy to see how DocuColor 2000 products can play a major role in your operation’s profitability.



## *Speed measured in productivity*

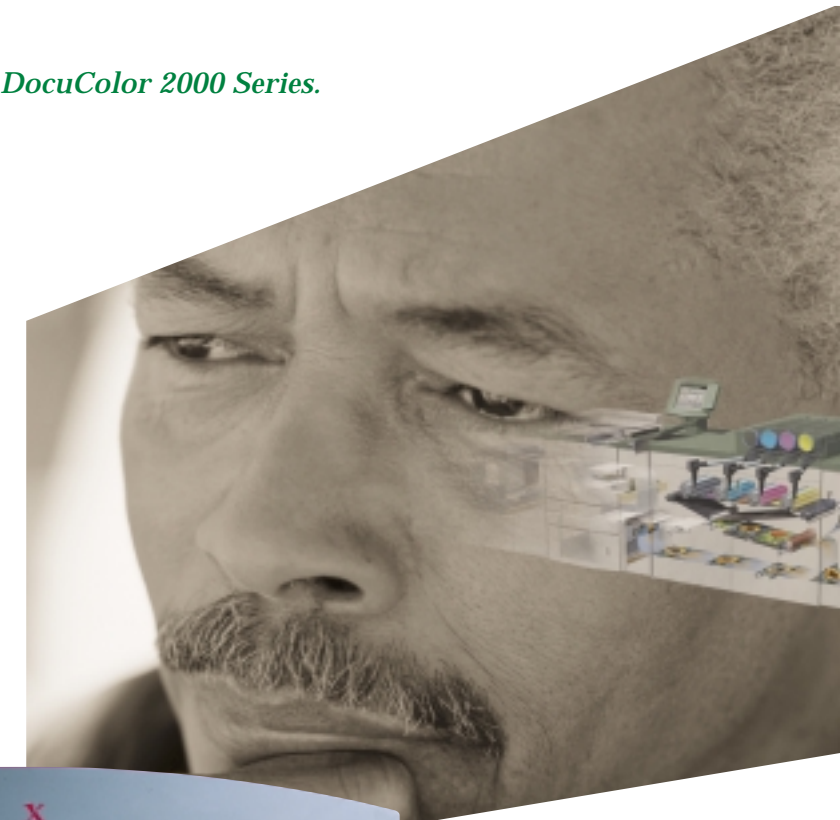
At 45 or 60 full-color pages per minute, the DocuColor 2000 Series was built for speed. But DocuColor 2000 products not only shorten turnaround time—they also speed up your entire business. A “nicely loaded” DocuColor 2045/2060 with the optional High Capacity Feeder and High Capacity Stacker or High Capacity Stacker/Stapler allows for long hours of unattended operation—allowing your operators to do more.

At Xerox, we know your industry, and we understand the way you work. But more importantly, we actually use that knowledge when we engineer new products. So the end result is cutting-edge technology that helps you work **better smarter and faster**

*the end result is the DocuColor 2000 Series.*

*Once your DocuColor 2000 product is installed, our job has only just begun. We work closely with your organization to help you run the technology to its full potential. We provide comprehensive training, technical support and supplies to maximize your productivity. Xerox backs the DocuColor 2000 Series with a strong direct sales force and expert analysts and trainers. With both local and global support, **The Document Company is never far away... no matter where you are.***

*And to top it all off, we provide unmatched peace of mind with the industry benchmark Xerox Total Satisfaction Guarantee.*



**You know printing, we know digital, let's work together.**



# Stunning Digital Color Image Quality... Engineered by Xerox

## Specifications for the Xerox DocuColor 2000 Series DocuColor 2045/2060

### Resolution

600 x 600 dpi (8-bit depth)

#### • Line screens

- 600 Line Screen
- 300 Line Screen
- 200 Rotated Line Screen
- 200 Cluster Dot Line Screen
- 150 Cluster Dot Line Screen

### ColorBridge Technology

- LOFT ( Low Oil Fusing Technology )
- Digital Blanket
- TRACS ( Toner Reproduction Auto Correction System )
- I-TRACS ( Intelligent- Toner Reproduction Auto Correction System )

### Productivity for the DocuColor 2060 Digital Press

- 60 ppm ( A4, 8.5x11" ) 81 – 135 gsm
- 45 ppm ( A4, 8.5x11" ) 64 – 80 gsm
- 30 ppm ( A4, 8.5x11" ) 136 – 220 gsm
- 22.5 ppm ( A4, 8.5x11" ) 221 – 280 gsm and transparencies

### Paper Handling

- **Tray 1** – 550 sheets, 7.17x10.12"  
( Japanese B5 ) to 12x18", 64-220gsm, uncoated
- **Tray 2** – 550 sheets, 7.17x10.12"  
( Japanese B5 ) to 12x18", 64-220gsm, uncoated
- **Tray 3** – 2,000 sheets 7.17x10.12"  
( Japanese B5 ) to 12.6x19.2", 64-280gsm, uncoated,  
coated, and transparencies
- **Tray 4** ( Optional High Capacity Feeder )  
2,500 sheets, 7.17x10.12"  
( Japanese B5 ) to 12.6x19.2" 64-220 gsm, uncoated, coated

*Note: Tray capacity based on 90 gsm (24 lb.) substrate*

- Other Substrates
  - Transparencies ( A4, 8.5x11" )
- Offsetting Output Tray
  - 500 sheets with automatic offsetting of sets
- Duplex
  - Automatic duplexing from all trays up to 220 gsm

### Document Capture

- Up to 300 pages ( A3, 11x17" )
  - 25% - 400% enlargement and reduction
  - Margin Shift
  - Book Copy

### Features

- Automatic Image Rotation
  - Concurrent print, scan and job programming
  - 4 Color Modes – Auto, 4-Color, 3-Color, Black
  - EnergyStar Power Saver
  - Image Quality Controls
    - Hue, Color Balance, Chroma, Sharpness
  - Face-Up or Face-Down Output
  - Photo Mode, Map Mode

### Options

- 2,500 - sheet High Capacity Feeder
- 2,250 - sheet High Capacity Stacker/Stapler ( Available Q4 '00 )
- 4,000 - sheet High Capacity Stacker
- Integrated Digital Scanner ( Available Q4 '00 )
- Duplexing Automatic Document Feeder – DADF ( Available Q4 '00 )

### Electrical

- Base configuration: 208-240 Vac, 50/60 Hz, 30A
- An additional 115 VAC 60Hz US or 220 VAC 50 Hz is required for RIP and feeding/finishing modules

### Size

- Full printing system
  - 174" ( W ) x 38" ( L ) x 56" ( D )
  - 4423 mm ( W ) x 960 mm ( L ) x 1408 mm ( D )
  - Weight: 2860 lbs. ( 1300 kg )

### Fiery EX2000 RIP

- 26" ( W ) x 24" ( L ) x 54" ( D )
- 650mm ( W ) x 610mm ( L ) x 1370mm" ( D )
- Weight: 130 lbs. ( 69 kg )

### Counterfeit Deterrent Marking System

- In cooperation with various government agency requests to discourage unauthorized copying, DocuColor 2000 Series incorporates a *Counterfeit Deterrent Marking and Banknote Detection System*. The Marking System encodes each copy, so the source Digital Press can be identified if necessary. This code is not visible under normal viewing conditions.

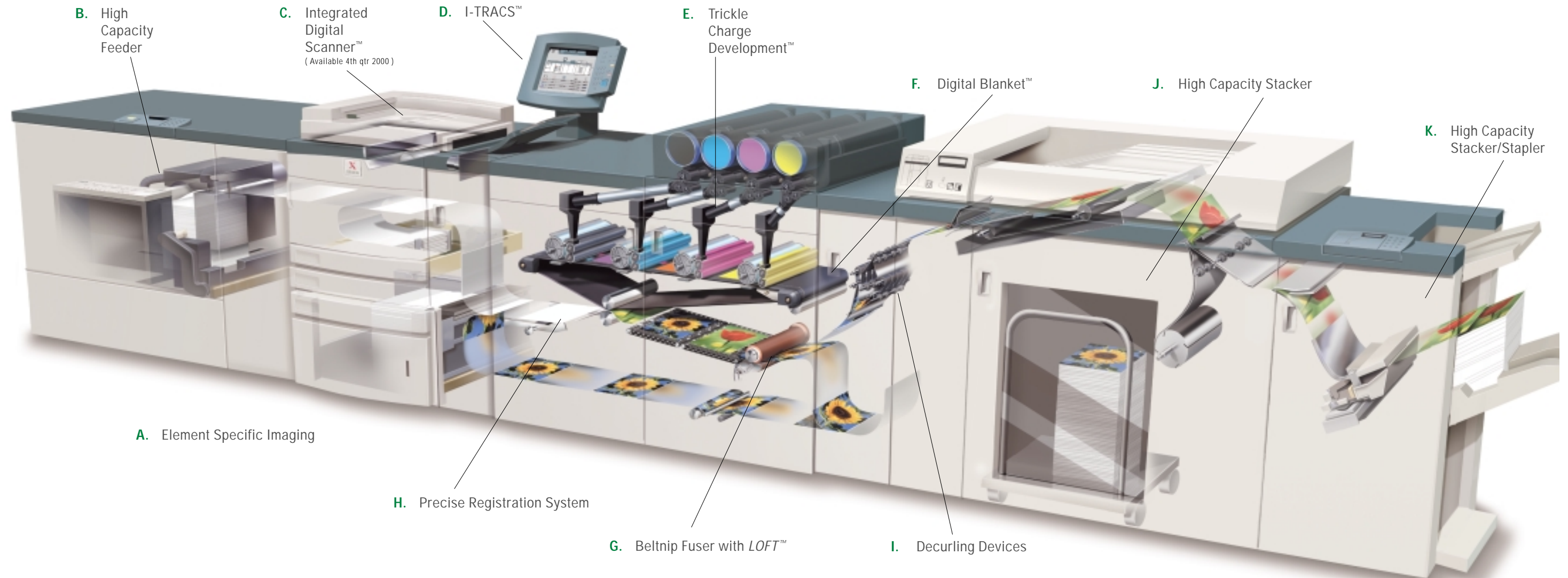
### DocuColor 2045 Digital Color Press

- **The DocuColor 2045 Digital Color Press'** specifications are identical to the **DocuColor 2060 Digital Color Press** with the exception of speed of printing.

### • Productivity for the DocuColor 2045 Digital Color Press

- 45 ppm ( A4, 8.5x11" ) 64 – 105 gsm
- 30 ppm ( A4, 8.5x11" ) 106 – 150 gsm
- 22.5 ppm ( A4, 8.5x11" ) 151 – 280 gsm and transparencies

# The Xerox DocuColor 2000 Series **DocuColor 2045/2060**: Technology Defined by Innovation



## A. RIP's

Xerox has teamed up with leaders in the color technology industry to offer several RIP options, depending on your unique requirements.

All of our RIP options offer you the power, speed, flexibility, color management tools, and variable information capabilities you need to satisfy even your most demanding customers.

## B. High Capacity Feeder

A wider range of papers can go in, so a broader range of jobs can come out.

- 2,500 sheet capacity
- 64-220 gsm (16 lb. text-10 pt. coated)
- 7.17" x 10.12" – 12.6" x 19.2" (182mm x 257mm – 320mm x 487mm)
- Auto duplexing (up to 220 gsm)

## C. Integrated Digital Scanner

( Available 4th Qtr 2000 )

- Captures and stores up to 300 11" x 17"/A3 full-color documents.
- Automatic duplex document capture at forty 8.5" x 11"/A4 ppm.
- New jobs can be scanned and programmed while the previous job is printing.

## D. I-TRACS™

I-TRACS, an intricate arrangement of sensors and software, constantly monitors every aspect of the system and makes quality adjustments on the fly. With the mere touch of a button, I-TRACS automatically prints a test page and inspects the image as it exits the machine. *Automatic calibration of the digital press—even the final fusing step—is a unique feature to the Xerox DocuColor 2000 Series.* The result is consistent and reliable color from start to finish—job to job, day to day, and press to press.

## E. Trickle Charge Development™

Inside the DocuColor 2000, there are four printing stations (one for each process color) that houses extra-large cartridges that hold a mix of dry ink and developer. This process, called *Trickle Charge Development* extends developer life to up to 100K impressions, and ensures longer-lasting, more consistent, high quality images.

## F. Digital Blanket™

## G. Beltnip Fuser with LOFT™

Xerox' patented Digital Blanket and Beltnip Fuser combine to ensure a complete fix of the image to the paper, reduce image quality defects, and extend the range of substrates that can be reliably supported. *LOFT (Low Oil Fusing Technology)* enhances image quality with precise oil metering, thus eliminating oil streaks and generating consistent image quality from the first to the very last print .

## H. Registration

It's no secret that precise registration is one of the keys to achieving total quality with digital color printing. The DocuColor 2000 products address registration by *centering the image on the paper rather than aligning it to one of the sheet's edges*, common to previous generation printers. This enables significant improvements in sheet-to-sheet and front-to-back registration. *Two timing registration sensors* also regulate the speed of the paper for more accurate, more consistent image-to-blanket and image-to-page registration.

## I. Decurling Devices

Three decurling devices, located within the print engine, consistently produce flat, uniform output.

## J. High Capacity Stacker

- 3,500 sheet capacity
- 500 sheets in top tray
- Offsets jobs
- Two rollaway carts with unload while run functionality

## K. High Capacity Stacker/Stapler

- 2,000 sheet capacity
- 250 sheets in top tray
- One or two staples in multiple positions

