A Single, Flexible Platform for Growth

Xerox® iGen® 5 Press

"Everybody is talking to me about digital versatility, but then they try to sell me a press that I can't customize at all based on my needs. That doesn't make sense, does it?"

There's an opportunity to build the press, and the business, you've always wanted.

Here's a radical idea from Xerox—you know your business best, including what you need to succeed. Chances are they are the things we've been excelling at for years, such as productivity, image quality and flexibility.

Here's another—your business is changing all the time. What is right today may not be exactly right a year from now as you grow.

Add those two together and you get an opportunity for a digital press investment that is exactly the solution you need today, without making you completely re-invest tomorrow.

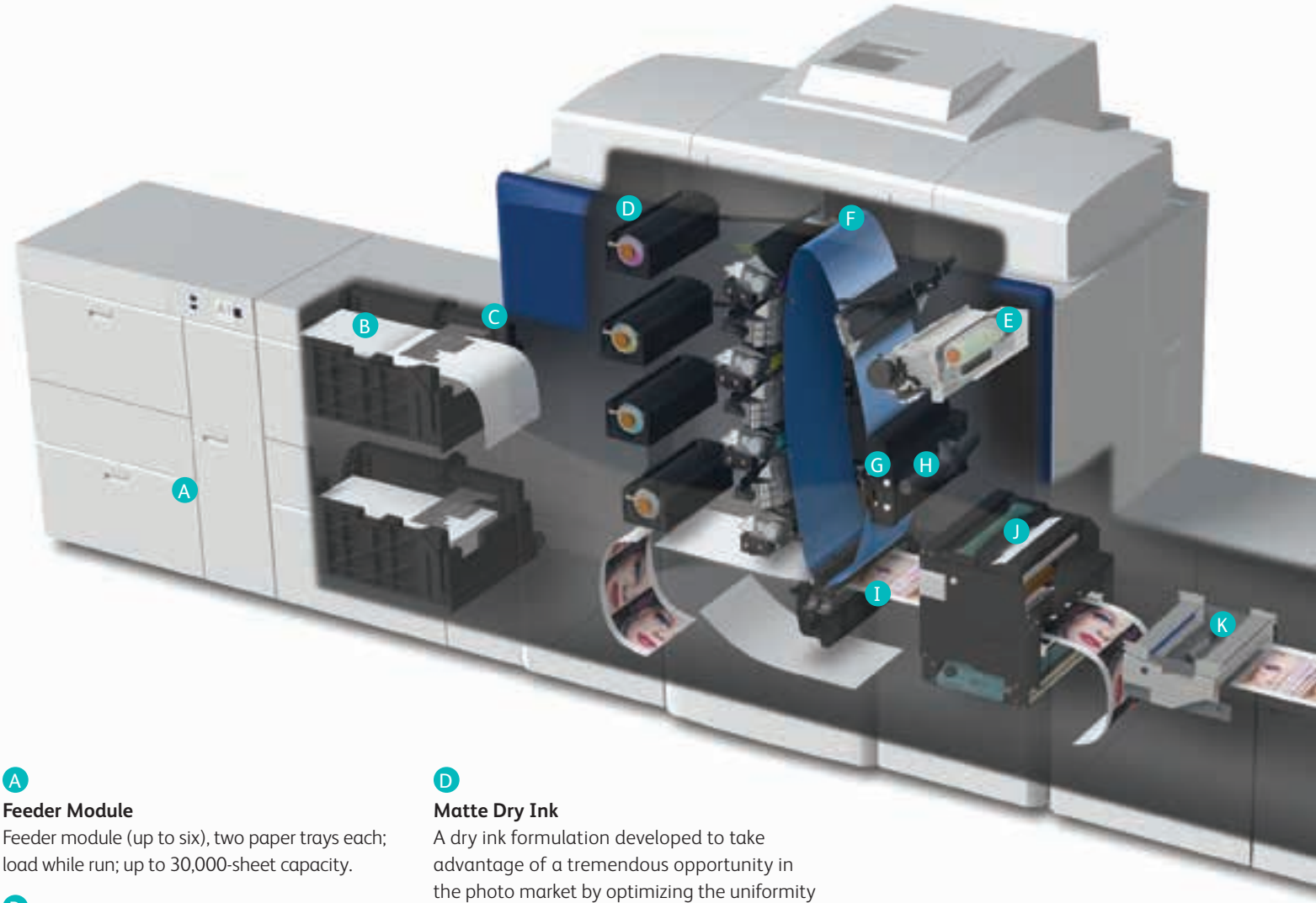
A single platform. A customizable solution.

The Xerox® iGen 5 Press is that solution. Its innovative new design consolidates the best characteristics of the industry-leading iGen press legacy into a single, ultimately configurable platform.

Once you choose the Xerox® iGen 5, you can tailor it exactly to your needs. If you need to get more jobs out of each shift, move up to a faster speed. If you want to match more PANTONE® colors, extend your gamut by utilizing a fifth imaging station. Jobs that bring a premium? Choose from a range of industry-leading finishing options, including Xerox® IntegratedPLUS solutions that produce the applications for which customers are clamoring.

Xerox knows the best solution for you is one you build yourself.

Building your own digital print solution only works when the building blocks are of the highest quality. From beginning to end, the Xerox® iGen® 5 Press is populated by the best technology in the industry. It all comes together in the most productive and most configurable solution on the market.



A

Feeder Module

Feeder module (up to six), two paper trays each; load while run; up to 30,000-sheet capacity.

B

Cut-Sheet Format

Large digital cut-sheet format, up to 14.33" x 26" (364 x 660 mm).

C

Gripperless Transport

Gripperless transport mechanism allows printing to within 1 mm of sheet edge; enhances feeding reliability across a range of coated and uncoated paper stock.

D

Matte Dry Ink

A dry ink formulation developed to take advantage of a tremendous opportunity in the photo market by optimizing the uniformity of gloss appearance across highlights, midtones and shadows. Ideal on applications demanding a pleasing matte finish, particularly those on uncoated or silk stocks.

E

Optional Fifth Color

The iGen 5 lets you add a fifth color to dramatically increase the press' color gamut and accurately match more brand colors.

F

Auto Carrier Dispense

This method of combining dry ink and carrier yields consistent color uniformity from the first print to the last and from job to job. With Auto Carrier Dispense, operators no longer have to stop the machine and change the developer, resulting in greater machine availability and productivity.

G

Auto Density Control
Every press, be it digital or litho, can be susceptible to density variations and streaks. Xerox® iGen® 5 Auto Density Control is patented technology designed to detect streaks in output before they occur and fix them without operator intervention. The system automatically measures the image density for a series of test patches from the top and bottom of the page. If it detects a difference, it digitally compensates for any inconsistencies—ensuring consistent image density across the page.

H

Automated Image-on-Paper Setup
With Automated Image-on-Paper technology, manual setups are replaced with a predictable, automated routine—eliminating costly and time-consuming image fit setups.

I

Single-Point Transfer
Single-point image transfer to paper with speeds up to 9,000 A4 (150 per minute) 4/0 impressions per hour.

J

Intelligent Fusing
Intelligent fusing adjusts for differences in stock; runs every sheet at rated speed.

K

Inline Spectrophotometer
We built a spectrophotometer into the iGen 5 paper path and integrated it with the Color Maintenance Tool to tell the operator when the press is ready to print superior output. It makes some pretty remarkable things automatic—things like High Definition Linearization, Advanced Color Profiling and Spot Color Calibration.

L

26" (660 mm) Stacker
A larger stacker module (up to four) and two wheeled carts per stacker allow you to take full advantage of our largest cut sheet. And Document Finishing Architecture (DFA) compatibility means you can add your choice of automated inline finishing solutions.

Electronic Collation
Electronic collation with offset stack delivery.

M

Top Tray
Top tray for interrupt jobs or proofs—delivered effortlessly without disrupting job integrity, even with a concurrent production job underway.

N

Xerox® Dual Mode Sheet Feeder by C. P. Bourg®
As a standalone device or as part of the Xerox® IntegratedPLUS Finishing Solution for Booklets, the Dual Mode Sheet Feeder provides an efficient means of preparing jobs for finishers, providing automated finisher setup and for sharing a finishing device with multiple printers. A printer that is equipped with the Dual Mode Sheet Feeder inline can bypass the Sheet Feeder and send sheets directly to the inline finisher. In addition, stack carts from other printers can be fed into the Sheet Feeder to use the inline finisher when the attached printer is not using it. The Sheet Feeder can also be used as input to offline auto-finishers if inline finishing doesn't fit into your business plan.

O

Xerox® IntegratedPLUS Finishing
Selected finishing devices can be set up automatically, through JDF instructions, whether or not they are attached to a specific printer. An operator simply loads sheets and covers into the finishing device, scans a bar coded banner sheet and presses "start." No manual finisher setup is required, because time is money. How much could your business save with Xerox® IntegratedPLUS Finishing?

It's an iGen® 5 world.

Specifications for the Xerox® iGen 5 Press

Printing Speed

iGen 5 150

(150 8.5" x 11"/A4 equivalent per minute)

- 3,000 14.33" x 26" 4/0 sheets per hour
- 3,750 12" x 18"/SRA3 4/0 sheets per hour
- 4,500 11" x 17"/A3 4/0 sheets per hour
- 8,250 8.5" x 11"/A4 4/0sheets per hour

iGen 5 120

(120 8.5" x 11"/A4 equivalent per minute)

- 2,400 14.33" x 26" 4/0 sheets per hour
- 3,000 12" x 18"/SRA3 4/0 sheets per hour
- 3,000 11" x 17"/A3 4/0 sheets per hour
- 6,600 8.5" x 11"/A4 4/0 sheets per hour

iGen 5 90 (CMYK only)

(90 8.5" x 11"/A4 impressions per minute)

- 1,800 14.33" x 22.5" 4/0 sheets per hour
- 2.400 12" x 18"/SRA3 4/0 sheets per hour
- 2.400 11" x 17"/A3 4/0 sheets per hour
- 5,400 8.5" x 11"/A4 4/0 sheets per hour

Image Quality

Resolution

- 2400 x 2400 dpi

Line Screens

- 160 lpi, 180 lpi, 210 lpi, 250 lpi

Process Colors

- Cyan, Magenta, Yellow, Black
- Gamut Extension
  - Fifth station color options include orange, green and blue

Scalable Architecture

- Optional fifth station for extended gamut and increased Pantone color matching
- Gamut extension color choices are orange, green, and blue
- Five-color mode runs at the same rated speed as four-color mode
- Match over 90% of the PANTONE PLUS Coated Library within 3dE

Paper Format

Standard Sheet Size

- 14.33" x 26" (364 mm x 660 mm)
  Minimum 7" x 7" (178 mm x 178 mm)

Image Format

- Maximum image area is 2 mm less than sheet size (1 mm border on all sides)

Paper Weight (all trays)

- Uncoated: 16 lb Bond to 130 lb Cover (60 gsm to 350 gsm)
- Coated: 60 lb Text to 130 lb Cover (90 gsm to 350 gsm)

Paper Flexibility

- Coated, uncoated, textured, specialty stocks
- Recycled, perforated, tabs, transparencies, a wide variety of labels, synthetics, sheets with removable cards, polyesters, magnets, thick stock up to 24pt
- Mixed-stock jobs supported at rated speed
- No drying time
- Transfer overdrive (optional)

Technology Features

Imaging

- ICC Source and Destination and Fast Path Profiling
- Color check for color monitoring
- Single-point transfer printing
- Confident Color Technology
- Color Maintenance Tool
- Closed-loop controls with Inline Spectrophotometer
- CMYK or CMYK + optional fifth housing for gamut extending orange, green and blue dry inks
- Load dry inks while running
- Automated Image on Paper Setup

Paper Handling

- Mixed stocks in a single run (up to 12)
- Straight paper path
- Wide-radius inverter for second-side imaging
- Collated sets
- Wheeled stacker cart
- Load-while-run paper capability and unload

Input Capacity

- Up to six feeder modules/12 trays
- Up to 12 trays
- Each tray holds 10"/254 mm (2,500 sheets 80 lb Coated Text/120 gsm)
- Any supported stock in any tray
- Up to 30,000-sheet capacity or more

Delivery

- Up to four stackers
- Two carts per stacker
- Stacker cart holds 12"/305 mm (3,000 sheets 80 lb Coated Text/120 gsm)
- Stacker top tray
- Collated offset stack delivery
- Up to 12,000-sheet capacity

Optional

Roll Input

- SheetFeeder™ iG provides up to 50,000 additional sheets per roll (based on 8.5" x 11"/A4; 20 lb Bond/75 gsm)
- Delivered directly into the paper path
- Sheets per roll varies based on core size, cut size and paper type (coated/uncoated, caliper weight, etc.)

Inserter

- One inserter module, two trays
- Enables the addition of specialty sheets to a job after the fusing process (embossed stocks)

Inline Finishing

- Booklet making with C.P. Bourg® Document Finisher (BDFEx), C.P. Bourg Booklet Maker (BMEx) or Duplo® DBM-5001 Inline Booklet Maker
- Multigraf Stacker
- Perfect binding with Xerox® Book Factory
- Lay flats with GBC® FusionPunch® II
- UV Coater
- Scoring, cutting, slitting and perforating with Rollem JetSlit System

Variable Information Solutions

- Xerox® FreeFlow® Variable Information Suite, XMPie® and other industry partners

Dimensions

Overall press dimensions based on image tower, two feeders, two stackers

- Two feeders, two stackers: 8,889 lb (4,032 kg); one feeder, one stacker: 7,339 lb (3,329 kg)
- 24' 2" x 6' x 8' (L x W x H)
  6.15 m x 1.83 m x 2.44 m (L x W x H)

Print Servers

- Xerox® EX-P 5 Print Server, Powered by Fiery®
- FreeFlow Print Server

Contact your Xerox representative to schedule a demonstration today. See what the Xerox® iGen® 5 Press single platform and industry-leading technology can mean for your business. Visit www.xerox.com for more information.

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