

A single, flexible platform for growth.

Xerox® iGen® 5 Press



“The efficiency and application flexibility of the Xerox® iGen® 5 Press is great for today, but it’s even better for tomorrow.”

– LEIGH BUSCH,
VICE PRESIDENT,
NATIONAL OPERATIONS DATA
COMMUNICATIONS MANAGEMENT



BUILD THE PRESS, AND THE BUSINESS, YOU’VE ALWAYS WANTED.

No one knows your business, or what you need to succeed, better than you do. Chances are, you need what Xerox has excelled at for years: automation that drives quality and productivity.

You also know that as you grow, needs change. What is right for you today may not be exactly right a year from now. And, that’s okay – because we excel at flexibility, too.

We know how important it is to offer you the opportunity to make a digital press investment that gets you the exact solution you need today, without the concern of potentially having to completely re-invest tomorrow.

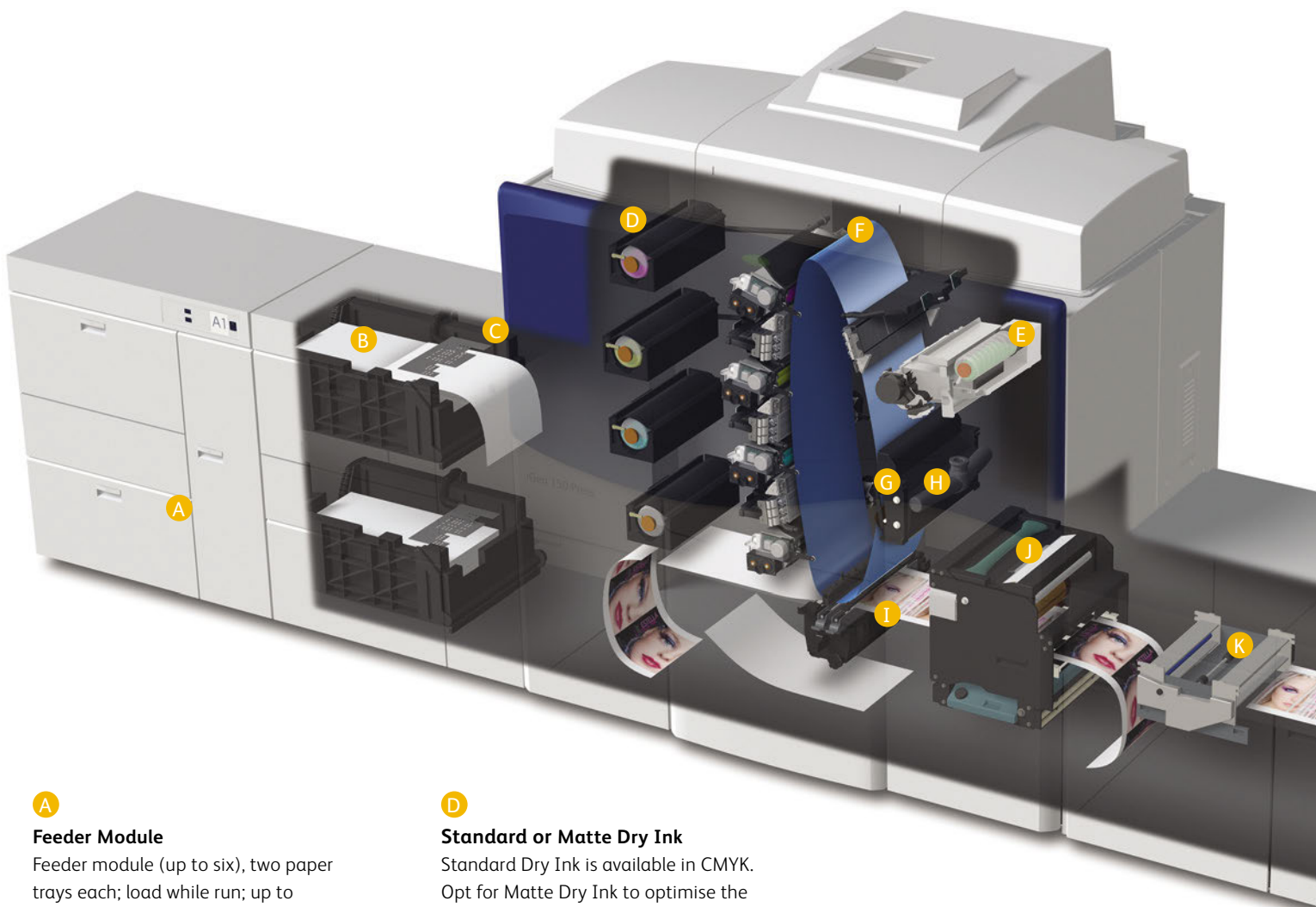
A SINGLE PLATFORM. A CUSTOMIZABLE SOLUTION.

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 need to add more value, use Gamut Extension Colours or Specialty Dry Inks in the Press’ 5th print station. You can also choose from a range of industry-leading finishing options, including IntegratedPLUS solutions that produce the applications customers are clamoring for.

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

Building your own digital print solution only works when you start with the highest-quality building blocks. From beginning to end, the Xerox® iGen® 5 Press is populated by the best technology in the industry. It all comes together to create 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 364 x 660 mm.

C

Gripperless Transport

Gripperless transport mechanism enhances feeding reliability across a broad range of medias.

D

Standard or Matte Dry Ink

Standard Dry Ink is available in CMYK. Opt for Matte Dry Ink to optimise the appearance of gloss across highlights, midtones, and shadows, particularly on uncoated or silk stocks. Available in CMYK and Orange, Green, and Blue, Matte Dry Ink is ideal for high-value and photo-rich applications.

E

Optional 5th Print Station

iGen 5 enables you to add Gamut Extension Colours (Orange, Green, and Blue), Xerox® White and Clear Dry Inks as well as MICR (available in certain regions) to bring differentiating value to digital applications.

F

Auto Carrier Dispense

This method of combining Dry Ink and carrier yields consistent colour 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 registration setups.

I**Single-point Transfer**

Single-point image transfer to paper with speeds up to 9,000 A4 (150 per minute 3-up on 364 x 660 mm, 75 per minute 2-up on 279.4 x 431.8 mm) 4/0 impressions per hour.

Acoustic Transfer Assist Option

Sound waves help to embed toner into media, enhancing print quality on rough or textured stocks.

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 such as High Definition Linearization, Advanced Color Profiling, and Spot Color Calibration.

L**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, proofs, or subset samples programmed during the course of a run.

N**Dual Mode Sheet Feeder by C. P. Bourg®**

As a stand-alone 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 in-line 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 off-line auto-finishers if in-line 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

DUTY CYCLE

- iGen® 5 150: 4.5 million
- iGen® 5 120: 3.75 million
- iGen® 5 90: 3 million

RECOMMENDED AVERAGE MONTHLY PRINT VOLUME

- iGen® 5 150: Up to 1 million
- iGen® 5 120: Up to 650,000
- iGen® 5 90: Up to 500,000

PRINTING SPEED

iGen 5 150

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

- 3,000 364 x 660 mm 4/0 sheets per hour
- 3,750 304.8 x 457.2 mm/SRA3 4/0 sheets per hour
- 4,500 279.4 x 431.8 mm/A3 4/0 sheets per hour
- 8,250 215.9 x 279.4 mm/A4 4/0 sheets per hour

iGen 5 120

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

- 2,400 364 x 660 mm 4/0 sheets per hour
- 3,000 304.8 x 457.2 mm/SRA3 4/0 sheets per hour
- 3,000 279.4 x 431.8 mm /A3 4/0 sheets per hour
- 6,600 215.9 x 279.4 mm/A4 4/0 sheets per hour

iGen 5 90 (CMYK only)

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

- 1,800 364 x 571 mm 4/0 sheets per hour
- 2,400 304.8 x 457.2 mm/SRA3 4/0 sheets per hour
- 2,400 279.4 x 431.8 mm/A3 4/0 sheets per hour
- 5,400 215.9 x 279.4 mm/A4 4/0 sheets per hour

IMAGE QUALITY

Resolution

- 2400 x 2400 dpi

Line Screens

- 160 lpi, 180 lpi, 210 lpi, 250 lpi, Stochastic screening (white only)
- Object-Oriented Halftoning

Process Colours

- Cyan, Magenta, Yellow, Black

5TH PRINT STATION OPTIONS

Gamut Extension Colours

- Orange, Green, and Blue Dry Inks
- Match over 90% of the PANTONE® PLUS Coated Library within 3dE
- Run at rated speed

Xerox® White and Clear Dry Inks

- Optimised for spot applications
- Create specialty effects

MICR (available in certain regions)

- Delivers full colour MICR (meeting ANSI X9 MICR specifications)
- 5th print station is dedicated to MICR
- Available in select markets

PAPER FORMAT

Standard Sheet Size

- 364 mm x 660 mm
- Minimum 178 mm x 178 mm

IMAGE FORMAT

- Default image area is 3 mm less than sheet size

PAPER WEIGHT (ALL TRAYS)

- Uncoated: 60 gsm to 350 gsm
- Coated: 90 gsm to 350 gsm

PAPER FLEXIBILITY

- Coated, uncoated, textured, recycled, perforated, tabs, transparencies, a wide variety of labels, synthetics, sheets with removable cards, polyesters, magnets, and specialty stocks
- Optional Thick Stock Capability for high caliper media up to 24 pt (610 microns)
- Mixed-stock jobs supported at rated speed
- No drying time
- Transfer overdrive (optional)

TECHNOLOGY FEATURES

Imaging

- ICC Source and Destination and Fast Path Profiling
- Colour check for colour monitoring
- Single-point transfer printing
- Xerox® ConfidentialColor Technology
- Color Maintenance Tool
- Closed-loop process controls with Inline Spectrophotometer
- CMYK or CMYK + optional 5th print station for Orange, Green, Blue, White, and Clear 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

- Two trays per Feeder Module

Top Tray:

Maximum sheet size standard
364 mm x 660 mm
Minimum sheet size
254 mm x 210 mm

Bottom Tray:

Maximum sheet size standard
364 mm x 520.7 mm
Minimum sheet size
178 mm x 178 mm

- Up to six feeder modules/12 trays
- Each tray holds 254 mm of media (2,500 sheets coated 120 gsm)
- Up to 30,000-sheet capacity or more

DELIVERY

- Up to four stackers
- Two carts per stacker
- Stacker cart holds 305 mm of media (3,000 sheets coated 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 A4; 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 feeder module (same specs as feeder module), two trays
- Enables the addition of specialty sheets to a job after the fusing process (embossed stocks)

Inline Finishing

- Booklet Making: C.P. Bourg® Document Finisher (BDFEx), C.P. Bourg Booklet Maker (BMEx), or Watkiss PowerSquare™ 224
- Output Stacking: Multigraf PST-52 Stacker
- Perfect Binding: C.P. Bourg® BB 3202 Perfect Binder (PUR or EVA)
- Punching Lay Flats: GBC® FusionPunch® II
- Coating: TRESU Pinta Coating System or Epic CTi-635 In-Line Coating System
- Scoring, Cutting, Slitting, and Perforating: Rollem JetSlit System or Kama DC58 /DC76 Die Cutter
- Roll Feeding: Tecnaue SheetFeeder™ iG

Variable Information Solutions

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

PRINT SERVERS

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

DIMENSIONS

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

- Two feeders, two stackers: 4,032 kg;
- one feeder, one stacker: 3,329 kg
- 6.15 m x 1.83 m x 2.44 m (L x W x H)

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