Be Ingenious

XEROX® iGEN® 5 PRESS

REPRO PRODUCTS

We never stop innovating, reimagining, building, and doing. Let our innovation become your competitive advantage…

ADVANCED AUTOMATION BRINGS QUALITY AND PRODUCTIVITY TOGETHER

For years, quality and productivity were at odds. You were forced to choose one because achieving both was too difficult and time-consuming.

The iGen® 5 Press brings quality and productivity together automatically through advanced automation that unlocks the consistent visual results every one of your customers demands with the productivity your business craves. No trial and error. No manual operator intervention. None of the wasted time that other solutions require.

The result? Extraordinary CMYK with less labor and waste so **you get paid more**.

A 5TH PRINT STATION LETS YOU ADD VALUE BEYOND CMYK

An optional 5th print station unlocks serious flexibility: **extend your color gamut or add high-value specialty effects inline**.

The iGen 5's Gamut Extension dramatically increases your ability to match a wider variety of PANTONE® colors. Choose from Orange, Green, or Blue as a supplement to CMYK and dial up your ability to deliver on-brand — on-demand.

Swapping White, Clear, or Fluorescent Yellow Dry Inks into the 5th station enables designers to amplify jobs with spot decorative effects as well as provide new stock and security options.

A CONFIGURABLE PLATFORM GIVES YOU THE ULTIMATE INVESTMENT PROTECTION
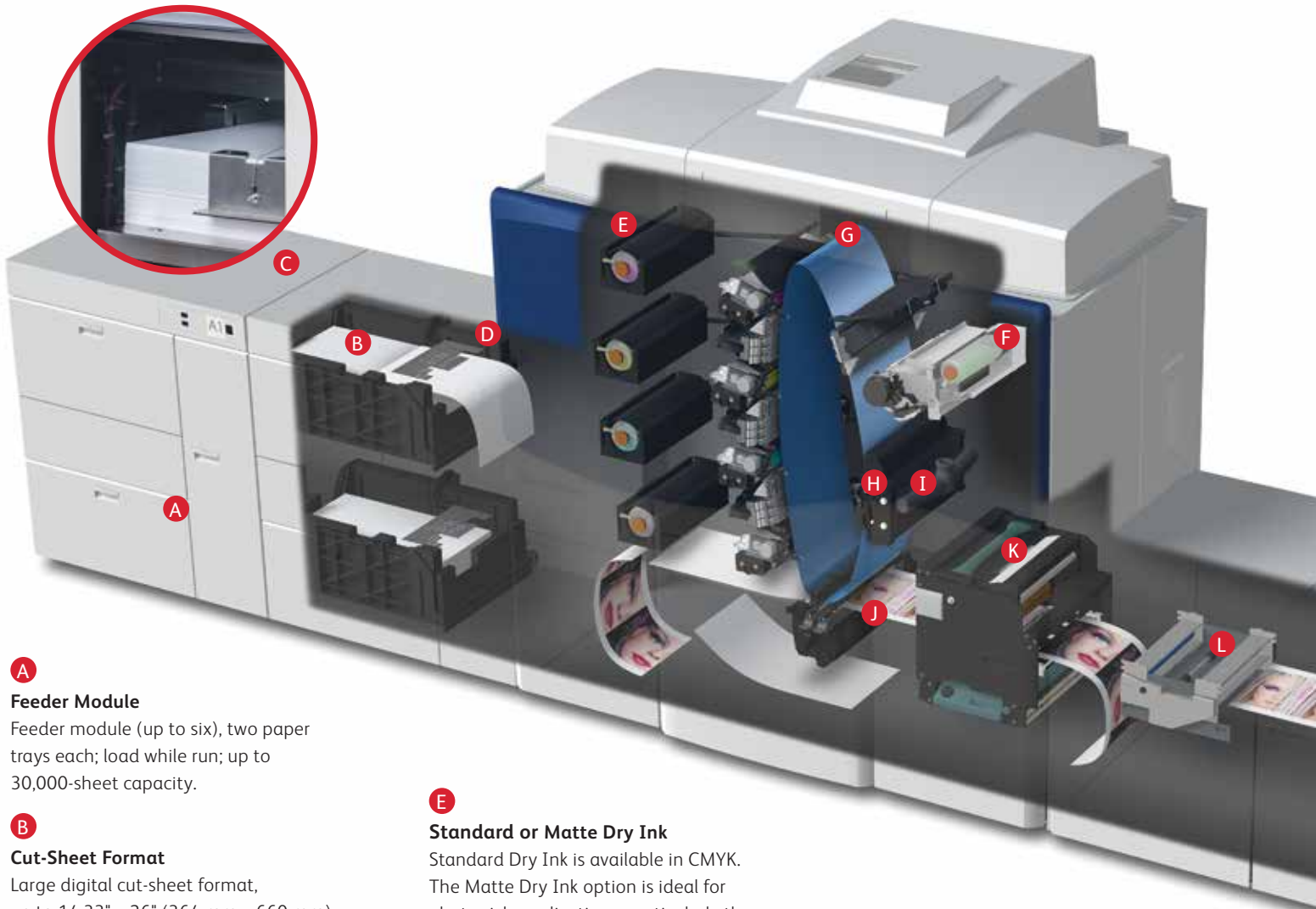
An innovative design consolidates the best characteristics of the industry-leading iGen Press legacy into a single, ultimately configurable platform. Choose the speed, colors, paper length, and feeding/finishing you need to best drive your business.

Not only does our configurability strategy deliver the exact solution you need today, it ensures you continue to benefit from our ongoing innovations. Your investment in iGen Press technology stays protected, up-to-date, and **always ready to perform**.

xerox™

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

Creating 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 most innovative, forward-thinking technology in the industry, creating an ingenious digital press that is second-to-none.

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 mm x 660 mm).

C

Optional Extra-Long Sheet (XLS) Capability
Extra-long digital cut-sheet format, up to 14.33" x 35" (364 mm x 889 mm) for additional application flexibility.

D

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

E

Standard or Matte Dry Ink
Standard Dry Ink is available in CMYK. The Matte Dry Ink option is ideal for photo-rich applications, particularly those running on uncoated or silk stocks. Available for CMYK and Specialty Dry Inks.

F

Optional 5th Print Station
iGen 5 enables you to add Gamut Extension Colors (Orange, Green, and Blue), Xerox® White, Clear, and Fluorescent Yellow Dry Inks as well as MICR to bring differentiating value to digital applications.

G

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.

H

Auto Density Control

Every press, be it digital or litho, can be susceptible to density variations and streaks. 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.

I

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.

J

Single-Point Transfer

Single-point image transfer to paper with speeds up to 9,000 A4 (150 per minute 3-up on 14.33" x 26", 75 per minute 2-up on 11" x 17") 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.

K

Intelligent Fusing

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

L

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.

M

Fuser Module

If you choose the optional XLS capability, your iGen Press will be configured with a Fuser Module to the right of the print engine to accommodate the longer sheets.

N

26" (660 mm) Stacker

A larger stacker module (up to four) and two wheeled carts per stacker enable productive stacking up to 26" (660 mm) media. And, Document Finishing Architecture (DFA) compatibility means you can add your choice of automated inline finishing solutions.

O

Top Tray

Top tray for interrupt jobs, proofs, or subset samples programmed during the course of a run. This tray will be replaced by a larger top tray to accommodate sheets up to 35"/889 mm in length if the optional XLS capability is chosen.

P

Dual Mode Sheet Feeder by C. P. Bourg®

As a stand-alone device or as part of the Xerox® IntegratedPLUS Finishing Solution, 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.

Q

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.

Xerox® iGen® 5 Press Specifications

DUTY CYCLE

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

RECOMMENDED AVERAGE MONTHLY IMPRESSION 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 8.5" x 11"/A4 equivalent per minute)
- 2,250 14.33" x 35" 4/0 sheets per hour
- 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 4/0 sheets per hour

iGen® 5 120
(120 8.5" x 11"/A4 equivalent per minute)
- 1,800 14.33" x 35" 4/0 sheets per hour
- 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, Stochastic screening (white only)
- Object-Oriented Halftoning

Process Colors
- Cyan, Magenta, Yellow, Black

Optional Xerox® Print Inspect Solution
- Electronic image quality assurance – 100% inspection of every page

5TH PRINT STATION OPTIONS

Gamut Extension Colors
- Orange, Green, and Blue Dry Inks
- Match over 93% of the PANTONE® PLUS Coated Library within 3dE
- Run at rated speed

Xerox® White and Clear Dry Inks
- Optimized for spot applications
- Create specialty effects

Xerox® Fluorescent Yellow Dry Ink
- True fluorescent dry ink to add optic yellow effects and embellishments on top of or adjacent to CMYK

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

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
- Default image area is 3 mm less than sheet size
- Operator-adjustable to 1 mm to 6 mm per edge

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, text, cover, recycled, perforated, tabs, labels, synthetics, magnets, and a wide variety of specialty media
- Optional XLS capability for longer media up to 35"/889 mm
- Optional Thick Stock Capability for high caliper media up to 24 pt (610 microns)
- Mixed-stock jobs supported at rated speed
- No drying time
- Optional Acoustic Transfer Assist

TECHNOLOGY FEATURES

Imaging
- ICC Source and Destination and Fast Path Profiling
- Color check for color monitoring
- Single-point transfer printing
- Color Maintenance Tool
- Closed-loop process controls with Inline Spectrophotometer
- CMYK or CMYK + optional 5th print station for Orange, Green, Blue, White, Clear, and Fluorescent Yellow 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
    14.33" x 26"/364 mm x 660 mm
    (14.33" x 35"/364 mm x 889 mm with optional XLS capability)
    Minimum sheet size
    10" x 8.27"/254 mm x 210 mm

  - **Bottom Tray:**
    Maximum sheet size standard
    4.33" x 20.5"/364 mm x 520.7 mm
    Minimum sheet size
    7" x 7"/178 mm x 178 mm
- Up to six feeder modules/12 trays
- Each tray holds 2,500 sheets 80 lb Coated Text/120 gsm
- Up to 30,000-sheet capacity or more

DELIVERY
- Up to four stackers
- Two carts per stacker
- Stacker cart holds 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
- Tecnau SheetFeeder™ iG provides up to 50,000 additional sheets per roll (based on 8.5" x 11"/A4; 20 lb Bond/75 gsm)
- 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
- 26" or 35" Stacker Side Tray
- 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
- Scoring, Cutting, Slitting, and Perforating: Rollem JetSlit System or Kama DC76 Die Cutter

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: 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) 7.3 m x 1.83 m x 2.44 m (L x W x H)

Repro Products

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