

Xerox iGen4™ Press



Xerox iGen4™ Press

New levels of image quality,
automation, and productivity
for new levels of success.



What is the right way?

To satisfy your customers? To increase your relevance? To build your business?

Your business, indeed every business, is looking for the answers. Find them and the regular rules of business are changed forever. Customers become partners. Requests for Quote become someone else's headache. Questions of how low you can go on price are replaced with discussions of how you can help make their business stronger. And the idea of outsourcing to cut costs becomes irrelevant as you become irreplaceable.

Impossible? Something promised and never delivered?

Not with the **Xerox iGen4™ Press**. iGen4 brings powerful benefits to your business—image quality, automation, and productivity. Through these, we can help you expand product offerings, create stronger relationships, and achieve levels of success that weren't possible even a short time ago.

The right way is the Right way

For printers around the world, the right way to digital printing success has been with Xerox by their side as a trusted partner. And we realized long ago that it takes a complete solution to achieve the levels of success you're striving for.

It takes the Right solution—a solution made up of the **Right Technology, the Right Workflow, and the Right Business Model**.

iGen4 is the Right Technology. Used in conjunction with the workflow solutions of the FreeFlow® Digital Workflow

Collection and the business building capabilities of ProfitAccelerator® Digital Business Resources, iGen4 represents a complete solution for your business.



Image quality. So you can compete with anyone and win.

What difference does outstanding image quality make to your business? All the difference in the world.

It's the difference between looking out at the horizon for new sources of business and looking up—up at higher value applications like high-end collateral, direct marketing, and photo-based products and up as your business continues to raise the bar.

iGen4 elevates your business by elevating your image quality through innovative technologies such as **Auto Carrier Dispense**, **Auto Density Control**, and the tremendous capabilities that are made possible by the **Inline Spectrophotometer**.

iGen4 color is commercial quality color. And that opens up a world of possibilities for your customers to print virtually anything in digital color and for you to reap the benefits.

Automation. Achieve great results faster today than yesterday.

With iGen4, you get automation—and the improvement that comes with it—automatically.

It begins before the job ever reaches iGen4. With the addition of **Xerox FreeFlow Process Manager**, workflow processes automate job submission and time-consuming prepress steps to move more jobs through your shop and allow you to build workflows once and use them again and again, maximizing ROI.

And automation—and improvement—continues at the press itself with innovations that remove operator intervention, guesswork, and time from the process of achieving great color. Tasks that used to take the attention and time of a dedicated press operator now happen with the push of a button.

The result is more uptime, more consistency, and more profit than ever.

Productivity. More of everything that matters to your business.

Productivity comes when you mix more uptime and output with less time and effort.

iGen4 is simply the world's most productive digital press. It provides more high-value output with less time-consuming manual processes.

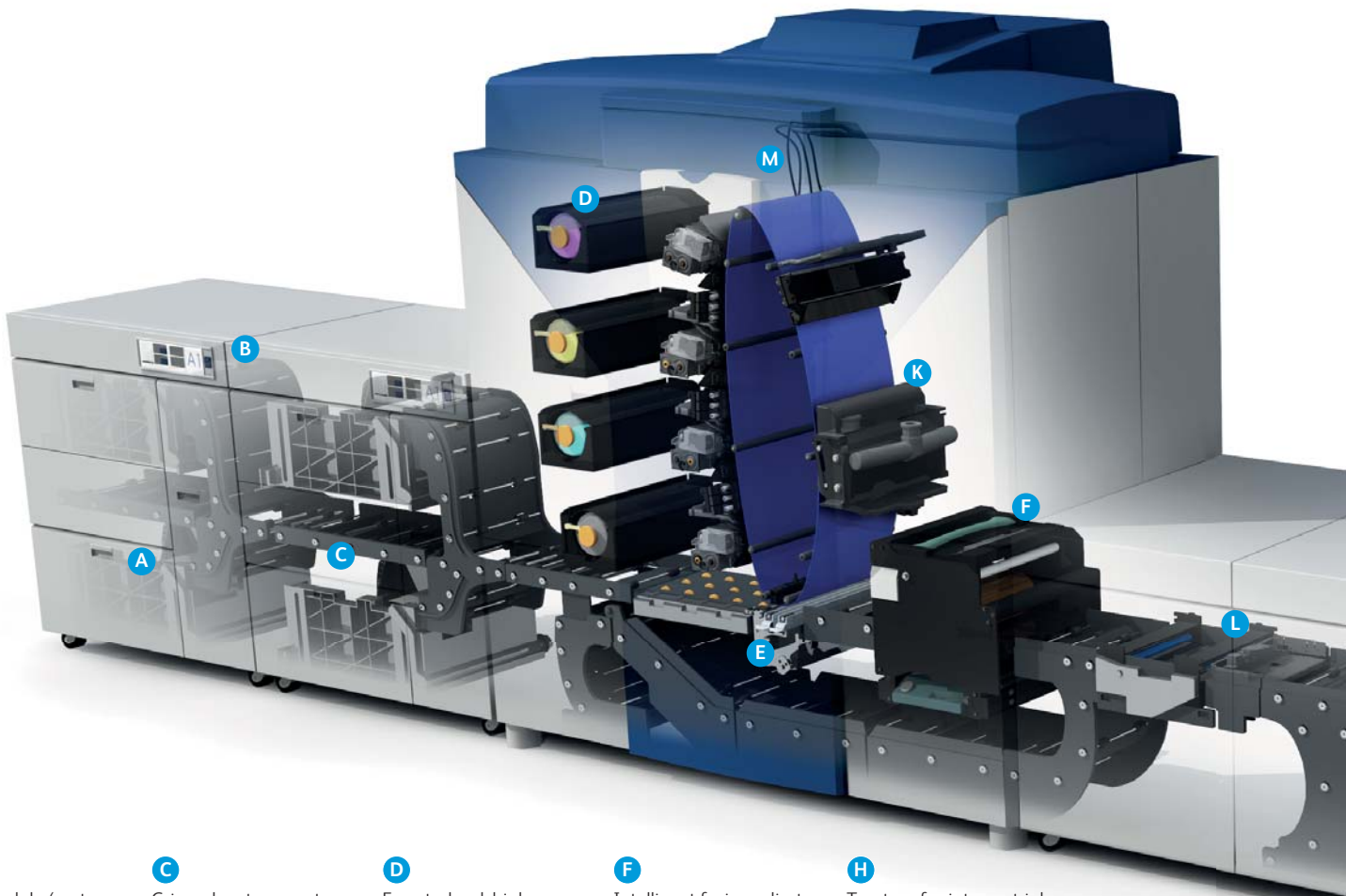
Throw in a dose of the industry's best digital image quality and what does that mean for your business? 25–35% gains in everything that matters to your business—jobs through the shop, satisfied customers, profit.

Anyway you look at it, that is productivity.

Building on your success.

In the past, your success could be digital, or it could be litho. Going forward in challenging conditions, it will likely be both. Trends show that business is looking for a complement to traditional offset printing—a solution that matches your output to the right technology efficiently and cost effectively.

You'll know that you've found success when your customers come to you every time—and you are able to meet all of their requirements quickly and easily.



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

B Largest digital cut-sheet format, up to 14.33" x 22.5" (364 x 572 mm)

C 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 Easy-to-load, high-capacity dry ink containers; replace while run

E Single-point image transfer to paper with speeds up to 6,600 (110 prints per minute) 4/0 impressions per hour

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

G Stacker module (up to four); (2) wheeled carts per stacker; unload while run

H Top tray for interrupt jobs

I Electronic collation with offset stack delivery

J Optional document finishing interface enabling various inline finishing devices

Duty Cycle: 3.75 million per month

Speed: 6,600 4/0 iph (110 ppm)

We can help you get there.

We can share our experiences from helping printing partners around the world. iGen4™ uses patented innovative technology and the power of automation to deliver the world's most productive digital press with 25–35 % productivity gains, higher monthly volumes, and high definition image quality to capture more pages and profit.

K

Auto Density Control

Every press, be it digital or litho, can be susceptible to density variations and streaks. The iGen4 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.

L

Inline Spectrophotometer

We integrated a spectrophotometer into the iGen4 paper path and made some pretty remarkable things automatic—things like High Definition Linearization, Advanced Color Profiling, Spot Color Calibration, and Color System Check. Those, in turn, give you more accurate color faster, more stable color over time, PANTONE® matching, and a level of productivity you've never experienced.

M

Auto Carrier Dispense

This new 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.





With the Xerox iGen4™ Press you get much more than an image quality, productivity and automation powerhouse. You also get the power of Xerox. With our history of digital innovation as well as robust business development tools we help keep you printing and profitable. Worldwide more than 50% of all production color pages are printed on Xerox presses.

Success from every angle. No doubt, the excellence of the print engine is one element in your success. But through our experience working with successful digital printers around the world, we know there is much more that can multiply it.

Think of it as success to the power of 4. iGen4.™

Printing green

While most companies look at “going green” as an obligation, we look at it as an opportunity. At the simplest level, it’s an opportunity to do the right thing.

But it is also a business opportunity—to lock out competitors and do more work with more companies who share a concern for the environment.

iGen4 is an environmentally better choice for many reasons:

- 97% of iGen4 components are recyclable or re-manufacturable.
- iGen4 adheres to European Union RoHS-compliant restrictions on the use of hazardous substances.
- Dry inks are non-toxic and have closed containers with a transfer efficiency rate of near to 100%.
- iGen4 doesn’t generate or use alcohols, chlorinated solvents, acids, or flammable materials.

An unparalleled history of success

iGen4 builds on an unparalleled history of success—the success that the iGen3® Digital Production Press brought to printers around the world. How successful exactly?

Millions of impressions—Around the world, more than 100 iGen3 presses average over a million printed pages per month. Additionally, some of these units produce as much as 2.5 million pages monthly.

50% of all the color sheets—According to estimates by InfoTrends, a leading independent research firm, Xerox’s installed base of presses accounts for approximately 50 percent of the total worldwide page volume printed by high-speed production color printers. What does that mean to you? Experience. Partnership. Success.

Business development tools

ProfitAccelerator® is today’s most robust set of tools and programs designed to maximize your digital printing equipment investment in iGen4. It brings together Xerox’s unparalleled digital printing experience and expertise, world-class resources, and industry-leading support, all with one goal in mind—significantly boosting your productivity, your digital print business, and your profits.

Printing Speed – iGen4™

- Up to 6,600 full process color A4 (letter) 4/0 impressions per hour (110 impressions per minute)
- 1,500 A3 (tabloid) 4/4 sheets per hour

Image Quality

Resolution

- 600 x 4800 dpi

Line screens

- 150 lpi, 175 lpi, 200 lpi, 300 lpi,

Process colors

- Magenta, Yellow, Cyan, Black

Paper Format

- Maximum sheet size: 14.33" x 20.5" (364 x 521 mm); optional 14.33" x 22.5" (364 x 571 mm)
- Minimum sheet size: 7" x 7" (178 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 g/m² to 350 g/m²
- Coated: 60 lb text to 130 lb cover, 90 g/m² to 350 g/m²

Paper Flexibility

- Coated, uncoated, textured, specialty stocks
- Recycled, perforated, tabs, transparencies, a wide variety of labels, synthetics, DocuCard®, Never Tear, DuraPaper®, UltraMagnet, DocuMagnet™
- Mixed-stock jobs supported at rated speed
- No drying time
- Transfer overdrive (optional)

Technology Features

SmartPress™ Imaging

- ICC Source and Destination and Fast Path Profiling
- Color check for color monitoring
- Single-point transfer printing
- Closed-loop controls with Inline Spectrophotometer
- Benchmark gamut of CMYK dry inks
- Load dry inks while running

SmartPress™ Paper Handling

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

SmartSize™ Technology (iGen4™ exclusive)

- Throughput from 40 to 120 ipm based on image/paper size

Input Capacity

- Up to six feeder modules/12 trays
- Up to twelve trays
- Each tray holds 10"/254 mm (2,500 sheets 80 lb coated text/120 g/m²)
- 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 g/m²)
- Stacker top tray
- Collated offset stack delivery
- Up to 12,000-sheet capacity

Optional

Roll Input

- DocuSheeter™ iG provides up to 50,000 additional sheets per roll (based on 8.5" x 11"/A4; 20 lb bond/75 g/m²)
- 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 (i.e., embossed stocks)

Inline Finishing

- Booklet making with Xerox SquareFold™ Booklet Maker or C.P. Bourg Document Finisher (BDFx) with Square Edge Option (SQE), Duplo® inline Booklet Maker
- Perfect binding with Xerox Book Factory
- Lay flats with GBC® Fusion Punch II™
- UV Coater

Variable Information Solutions

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

Dimensions

Overall standard press dimensions iGen4™ (image tower, two feeders, one stacker)

- 23' 8" x 6' x 8' (L x W x H) 7210 x 1829 x 2438 mm (L x W x H)
- 7,892 lb (3580 kg)

Xerox FreeFlow® Print Server

- AMD™/Sun Microsystems®-based platform
- Integrated Parallel RIP technology
- ICC Device Link Capability
- Seamless interoperability with FreeFlow® Product Suite
- Adobe® PostScript®, PDF 1.7, PCL5, TIFF, FRF
- Adobe® Acrobat® 8
- ConfidentColor Technology
- Job and production management GUI
- Concurrent receive, RIP, print
- AFP/IPDS
- VIPP®, PPML, Optimized PostScript®, Optimized PDF for VDP

Xerox CX Print Server, Powered by Creo™

- Intel®/Microsoft®-based platform
- Creo™ Spire™ workflow
- Ethernet support
- Adobe® PostScript®, PDF 1.5, PDFX3, TIFF, TIFF.IT, EPS, RTP, Adobe® Acrobat® 6
- Color-management features
- Job management GUI
- Concurrent receive, RIP, print
- VPS, VIPP®, PPML, caching support for variable data printing

To learn more about achieving the next level of success, contact your Xerox representative today, or call 1-800-ASK-XEROX.

