



Xerox® iGen4® 220
Perfecting Press
Multiply the productivity
of your enterprise

The Xerox® iGen4® 220

Perfecting Press is different

That's obvious at a glance. It not only looks different, it delivers optimal performance for the most challenging environments and circumstances your business can face.

The iGen4 220 is a powerful production press

Your business demands faster turnarounds, high productivity and exceptional image quality. The iGen4 220 answers those demands with a unique tandem architecture that can handle your steady stream of high-value jobs and the steadily increasing pace of your business.

Your profits are best when the iGen4 220 is running continuously

When the iGen4 220 is flexing its production muscles, your return on investment is at its best. The iGen4 220 turns time into your business ally. Every minute it runs is a minute of higher productivity. And a minute closer to achieving your business goals.

Fasten your seatbelt

With the iGen4 220, the transformation in your business is remarkable. It not only doubles your print productivity, those productivity gains carry through to areas throughout your business.



iGen4 220 with roll feed*

Game changing impact to store operations

One of the leading retailers in the U.S. saw the powerful capabilities of the iGen4 220 Perfecting Press and the unique opportunity that came with it.

One thing the retailer had plenty of was data – information about what was selling off the shelf and what needed a little help with some Point of Sale (POS) materials. What it didn't have was the right

production solution to create those POS materials.

Now, with iGen4 220, store sales register data combined with data mining intelligence at a centralised location is used to print exactly the promotional materials needed to move the merchandise that is lagging behind expectations.

The iGen4 220's seamless printing integration of data streams, production printing and inline finishing resulted in

exactly what the marketing department wanted – POS materials that were easily deployed and results that were easily seen at the register. Each store around the country now receives shrink-wrapped packages of shelf signs that can be easily placed by virtually any store employee.

As a result, the retailer is achieving significant savings, unprecedented up-sell and cross-sell opportunities and efficiencies that impact the business.

*Roll feed optional

The perfect press for your business

For your enterprise, there are two ways to improve the bottom line.

You can increase productivity – doing everything you did before faster, with newfound capabilities that allow you to increase the products you can offer your customers.

And you can reduce cost – doing everything you did before more efficiently, with less labour, less equipment and less waste.

If your customers are asking for quality colour prints with faster and faster turnaround times, the iGen4® 220 Perfecting Press is the solution to take your business to a new level of success – multiplying your productivity and subtracting costs from your operation.

More power. Less cost. With the iGen4 220 Perfecting Press, you can achieve both.

Universal excellence

The Xerox® iGen4 220 Perfecting Press provides the excellence that has brought digital success to printers around the globe:

- **Jobs that are in high demand** – such as postcards, mailers, books, manuals, newsletters and magazines. The kind of jobs that customers are looking for and that grow your business.
- **Incredible technology** – not just technology for technology's sake. iGen4 technology is thoroughly researched and carefully developed with customers like you in mind. Through years of partnership, we listened to your needs and responded with technology that helps you achieve great colour, expand product offerings and create stronger customer relationships.
- **Upgradability** – When your conditions call for it, upgrade from your iGen4 110 Digital Press to an iGen4 220 Perfecting Press. And multiply the power of your business.
- **Winning workflow with FreeFlow®** – The high levels of productivity of the iGen4 220 are driven by the FreeFlow Print Server and FreeFlow Output Manager, allowing you to take advantage of the unique capabilities of the dual print engines of the iGen4 220.
- **Inline or fully customised finishing** – Xerox has the relationships to provide you with the integration to exactly fit your business need. Continuing partnerships have resulted in a large range of finishing options that can be provided inline, producing finished jobs at the highest levels of productivity. Additional finishing solutions can be fully customised, assuring that if you want it, iGen4 220 can deliver it.



Shelf talkers



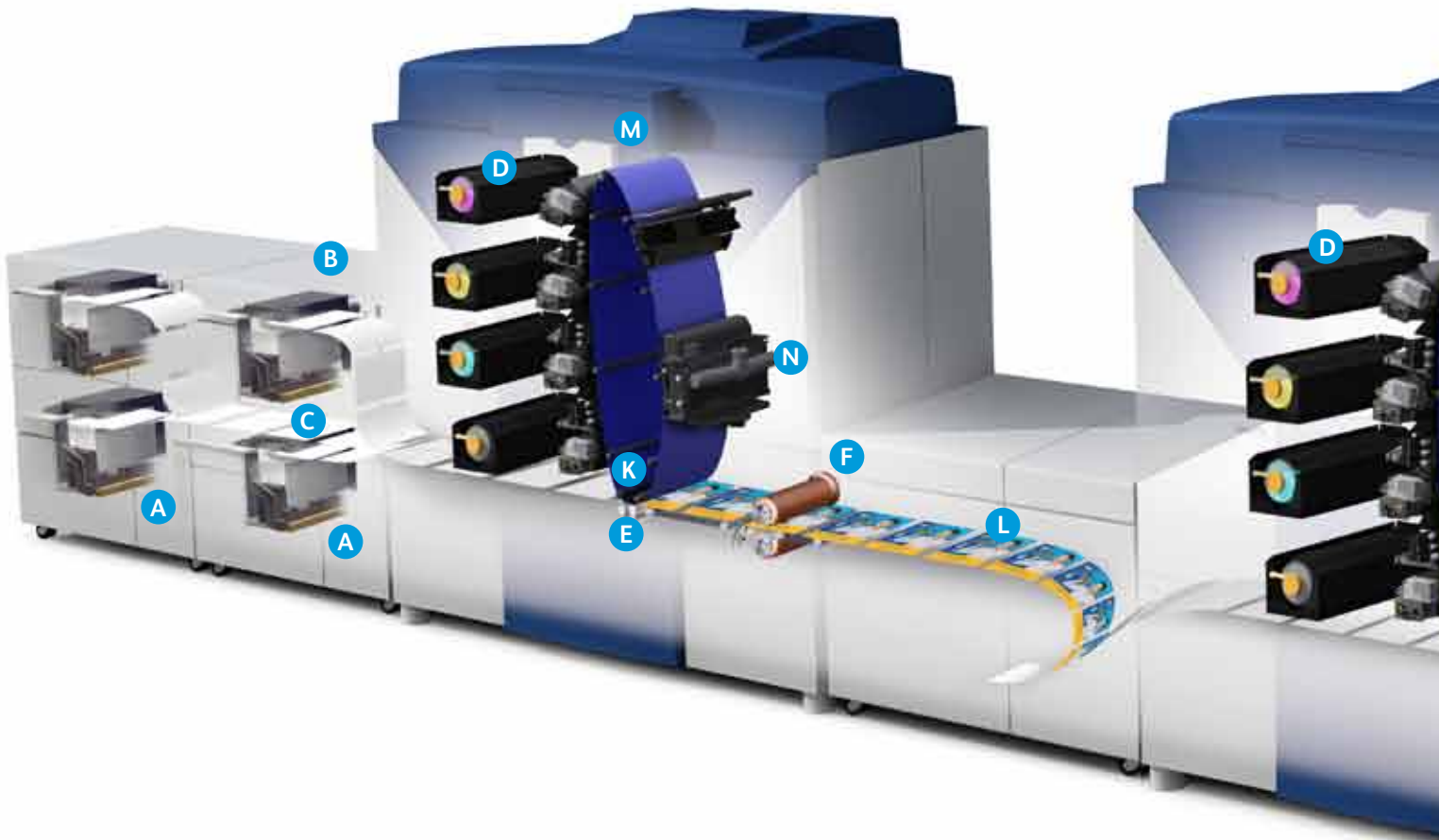
Direct marketing materials



Direct mail postcards

Tandem architecture

The iGen4® 220 Perfecting Press is a revolutionary new production solution based on proven technologies. The unique tandem architecture boosts productivity and delivers outstanding colour virtually automatically.



A Feeder modules, two paper trays each; load while run; up to 30,000-sheet capacity

B Largest digital cut-sheet format, up to 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 running

E Single-point image transfer to paper

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

G Stacker module; two wheeled carts per stacker; unload-while-run capability

H Top tray for interrupt jobs

I Electronic collation with offset stack delivery

J Optional document finishing interface enabling various inline finishing devices

K Transfer Overdrive for enhanced performance on textured stocks

L Inline Spectrophotometers

Dual Inline Spectrophotometers

We integrated two spectrophotometers into the iGen4 220 paper path and made some pretty remarkable things automatic – things like High Definition Linearisation, Advanced Colour Profiling, Spot Colour Calibration and Colour System Check. Those, in turn, give you more accurate colour faster, more stable colour over time, PANTONE® matching and a level of productivity you've never experienced.

Auto Carrier Dispense

This new 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 developer, resulting in greater machine availability and productivity.

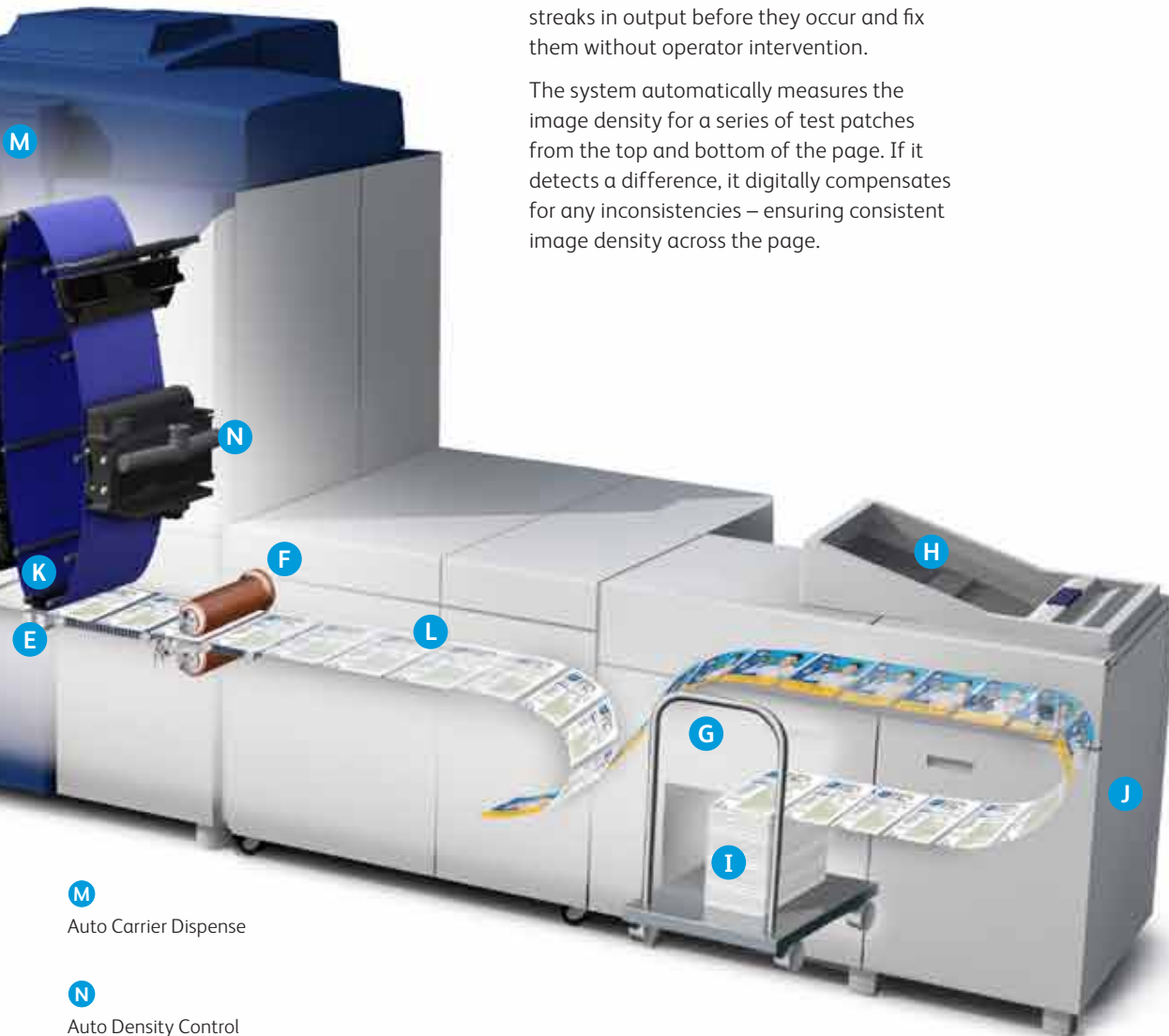
Auto Density Control

Every press, be it digital or litho, can be susceptible to density variations and streaks. The iGen4 220's 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.

Productivity from beginning to end

The remarkable transformation in your business can be felt far beyond your printing. The Xerox® iGen4® 220 increases productivity from data to dock – turning the valuable information you've gathered about your customers or your sales into stunning colour print.



M
Auto Carrier Dispense

N
Auto Density Control

Power of two

The iGen4® 220 Perfecting Press places unprecedented power in your hands for a variety of high-volume, high-value applications and lightning fast turnaround times.

The need for speed

Certainly, producing jobs faster is a key in taking your business to a new level. The need is there as more and more of your customers demand faster turnarounds to answer the same demands from their customers.

The Xerox® iGen4 220 Perfecting Press is the answer. For you and for them.

The iGen4 220 Perfecting Press achieves unprecedented production by using two print engines for two-sided print jobs. The tandem architecture allows the first print engine to print one side of the job, invert the media and pass it to the second print engine, which then prints the other side using its own simplex path.

The results are 110 4/4 impressions per minute, new levels of business success and customers that will fully appreciate who can answer their need for speed.

Downtime becomes uptime

The dual configuration of the iGen4 220 Perfecting Press puts an unexpected ally in your corner. Redundancy.

Redundancy is normally something we try to squeeze out of every aspect of business. But the iGen4 220 Perfecting Press looks at redundancy in a whole new way – converting traditional downtime to extraordinary uptime.

While service is pending on one engine of the iGen4 220, you can use the redundancy feature to send all jobs to the other print engine, continuing your productivity uninterrupted – in actuality, achieving the same productivity you would achieve with a single iGen4 110.

That's the kind of redundancy we all can handle.

Two brains are better than one

The iGen4 220 gives you more than additional printing muscle. It gives you the brains to control and drive that brawn toward greater ROI.

Powerful, dual parallel Xerox FreeFlow® Print Servers support PostScript®, PDF and Xerox VIPP®, and provide extra power to help you get the most out of your iGen4 220 investment. Each RIP drives one of iGen4 220's print engines, working in parallel to ensure a continuing stream of jobs, a continuing stream of revenue and the highest levels of productivity. This dual configuration also increases the security of your data. Instead of data spread out over two

iGen4's, the iGen4 220 and its dual print servers provide the same processing power in a single print engine, reducing the possibility for error and increasing data integrity.

FreeFlow Output Manager® acts as a centralised collection point for print jobs distributing them to the iGen4 220, assuring the dual print engines work as efficiently as one, with sophisticated load balancing and job scheduling.

And ConfidentColour Technology gives you the power to manage colour and quality with ease, speed and confidence – offering simplified colour adjustment, control down to the page level and superior quality for every situation.

Subtract as well as multiply

The dual configuration of the iGen4® 220 can reduce some of your operating costs – subtracting overhead at the same time that it multiplies your productivity.

In an industry that seems to be in a constant price war, an opportunity like that is a tremendous edge – allowing you to be more competitive, more secure and more profitable.

One operator, more revenue

Your iGen4 operators are one of your greatest assets, turning dry ink and paper into revenue. How would you like to increase their productivity? And cut the cost to employ them?

The iGen4 220 can do that

Because of the tandem architecture of the Xerox® iGen4 220, one operator can attend to multiple iGen4 220's processing and printing power, produce more two-sided jobs and generate more revenue.

One finisher, increased finished jobs

With the unique tandem architecture of the iGen4 220 Perfecting Press, a single finishing device can produce twice the salable output.

The benefit? Twice the output from every inline finishing device that connects to iGen4. So rather than two perfect binders, a single device can produce your customers' books. And a single booklet maker can produce mountains of booklets. And a single laminator... well, you get the idea.

Everything else remains the same – except the capital expenditure, the maintenance and the footprint. Those just get more manageable.



Xerox® iGen4® 220 Perfecting Press by the numbers

Printing Speed

- Up to 6,600 4/4 A4 sheets per hour (110 4/4 impressions per minute)

Image Quality

- 600 x 4800 dpi
- 150 lpi, 175 lpi, 200 lpi, 300 lpi
- 4 colour CMYK process

Media Format

- Maximum sheet size: 364 mm x 521 mm; optional 364 mm x 571 mm
- Minimum sheet size: 178 mm x 178 mm

Image Format

- Prints within 1 mm of media edge

Media Weight (all trays)

- Uncoated: 60 g/m² to 350 g/m²
- Coated: 90 g/m² to 350 g/m²

Media Flexibility

- Coated, uncoated, textured, speciality stocks
- Recycled, perforated, tabs, a wide variety of labels, synthetics, DocuCard®, Never Tear, DuraPaper®
- Mixed-stock jobs supported at rated speed
- Transfer overdrive for excellent image quality on textured stocks (optional)

Technology Features

SmartPress™ Imaging

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

SmartPress Paper Handling

- Mixed stocks in a single run (up to six)
- Same-edge perfecting registration
- Straight paper path
- Collated sets
- Wheeled stacker cart
- Load-while-run paper capability and unload

Input Capacity

- Feeder module/two trays
- Each tray holds 254 mm (2,500 sheets/120 g/m²)
- Any supported stock in any tray
- Up to 15,000-sheet capacity or more

Delivery

- Stacker module
- Two carts per stacker
- Stacker cart holds 305 mm (3,000 sheets/120 g/m²)
- Stacker top tray
- Collated offset stack delivery
- Up to 6,000-sheet capacity

Optional

Roll Input

- DocuSheeter™ iG provides up to 50,000 sheets per roll (based on A4; 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.)

Insertter

- 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™
- Epic CTi-635 Inline Coating System

Variable Information Solutions

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

Dimensions

Overall standard press dimensions

(two image towers, one feeder, one stacker)

- 9.45 m x 1.83 m x 2.44 m (L x W x H)
- 5,790 kg

Xerox FreeFlow® Print Server

- Integrated Parallel RIP technology
- ICC Device Link Capability
- Seamless interoperability with FreeFlow Product Suite
- Adobe® PostScript®, PDF 1.7
- Adobe® Acrobat® 8
- ConfidentColour Technology
- Job and production management GUI
- Concurrent receive, RIP, print
- VIPP®, Optimised PostScript®, Optimised PDF for VDP

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