

**Kodak**

**NexPress SX**

Digital Production  
Color Platform

- ▶ Photographic Image Quality
- ▶ High Value Applications
- ▶ Benchmark Productivity



# Choices that expand capabilities



## Build your business with Fifth Imaging Unit Solutions

The Fifth Imaging Unit opens the door to many highly differentiated applications. Every press ships with five imaging units, configured with the Light Black Solution in the Fifth Station for outstanding image quality. And it's possible to select from a wide range of additional solutions.

Press set-up for the Fifth Imaging Unit is quick and easy — and can be completed in about five minutes. It's always possible to add solutions as the need arises or as new solutions are introduced. The current Fifth Imaging Unit solutions include:

- ▶ Gold Dry Ink for a wide range of gold and color metallic effects.
- ▶ Dimensional printing for a tactile, 3-D effect
- ▶ Intelligent Color red green or blue dry ink for gamut expansion
- ▶ Intelligent Coating for a satin protective coat, watermarking, flood or spot glossing
- ▶ Red Fluorescing Dry Ink — a virtually invisible ink — for anti-counterfeiting and bar code applications
- ▶ MICR Ink for printing 4-color bank checks
- ▶ Light Black HD Dry Ink for smoother skin tones while maintaining superb detail. Also perfect for rendering neutrals.

## Offer choice of surface finish

Imagine being able to offer your customers the surface finish they desire at full press productivity. Customers and designers can choose:

- ▶ An ultra-smooth high gloss finish that rivals laminate with an ultra smooth surface for high impact durable prints. After printing, the sheets are run through the **Kodak NexPress** Glossing Unit where the coating is transformed from a satin finish into a high gloss finish.
- ▶ A textured dimensional finish can be applied as a flood coat or to designated areas of an image — variable from sheet to sheet — to help communications stand out in a crowded marketplace.
- ▶ A satin protection coat applied entirely in line for frequently handled pieces such as direct mail, photos and marketing collateral. It can be used to add distinctive watermarks to help prevent copying or to enhance a design.
- ▶ A matte finish that eliminates all gloss and produces a rich aesthetic effect that rivals offset. The matte finish is enabled by a simple fifteen-minute component change.
- ▶ Spot gloss techniques can be added for additional visual appeal and impact to your printed pieces. The spot gloss is accomplished with clear dry ink and is applied to all CMYK ink on the page adding impact to all copy, text and graphics while providing a photo quality finish to all images.

## Substrate flexibility

Proven compatibility with more than 800 substrates means you can produce a full range of applications to meet diverse market needs.

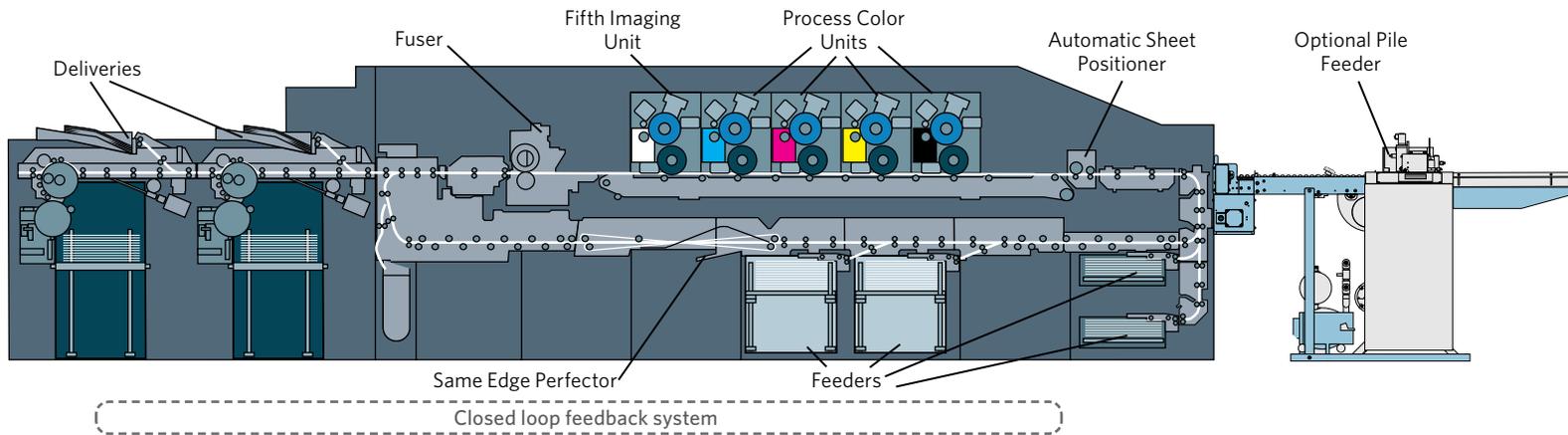
- ▶ The ability to independently extend the paper catalog and adjust the press to other substrates' unique characteristics enables you to more readily accept client-specific stocks.
- ▶ Print on coated, uncoated, and synthetics, including offset papers, FSC papers, textured paper, select packaging board, photo papers, magnetic stock, and other specialty substrates.
- ▶ Up to 39.37"/1 meter long-sheet capability expands application flexibility and production efficiency.

## Scaleability

Kodak gives you the options to build a solution that's perfect for you — today and into the future.

- ▶ Add business-building **Kodak NexPress** Fifth Imaging Unit Solutions as required by new business opportunities.
- ▶ You can increase your press speed up to 120 ppm and add accessories as volume increases or application needs change.
- ▶ An array of inline and near-line feeding and finishing options improves your operation's productivity and subsequent turnaround time.
- ▶ Powerful, scalable front end configuration choices support complex variable data or image-intensive jobs.





### **Kodak NexPress SX3300 Digital Production Color Press**

The Kodak NexPress SX3300 Digital Production Color Press can help drive more jobs per shift and more profit per page, energizing your business today and into the future with print rates up to 109 ppm.

### **Kodak NexPress SX3900 Digital Production Color Press**

The Kodak NexPress SX3900 Digital Production Color Press offers game-changing power and exceptional reliability to help you dominate your market and maximize your bottom line. The NexPress SX3900 Press is Kodak's most productive press, with print rates up to 131 ppm.

Option to integrate the powerful **NexPress** front end with **Kodak Prinergy Workflow**, additional **Kodak Unified Workflow Solutions**, or third party integration

#### **Kodak Prinergy Workflow System**

Kodak Prinergy Workflow features intent-based automation that extends from the point of order entry to the final assembly of the printed product. The result is tighter quality control, fewer manual touchpoints, and lower costs of production.

#### **Integrated solutions that adapt and expand to meet your requirements**

Kodak Unified Workflow Solutions help simplify and automate your entire workflow. Robust options are available to support complex workflows such as variable data printing, transaction printing, web-to-print and photo services.

#### **Third party integration**

Kodak NexPress Presses and their related components are designed to be radically open — easing integration into many established third-party workflow and finishing environments.

# With Print Genius, the advantages are built right in

The **NexPress** SX Platform features Print Genius Technology, a suite of quality control tools and options that help you manage and maintain peak quality throughout your production run.

The Print Genius Technology suite encompasses hardware, software and materials science innovations to optimize quality and consistency from the first sheet to the last, day after day.

## Image Science

- ▶ Accuracy and speed to optimal color
- ▶ Match critical **Pantone® PMS**, and **Pantone Goe** and **Pantone Plus** colors
- ▶ Exceptional image quality and image consistency
- ▶ Smooth flat fields and gradients

## Closed-loop calibration

The **Kodak NexPress** Intelligent Calibration System (ICS) is utilized to:

- ▶ Automate the process of checking and maintaining print uniformity across all five units
- ▶ Analyze and adjust output in five minutes
- ▶ Optimize quality with minimal downtime

## Workflow Productivity

- ▶ Full JDF support for workflow automation
- ▶ Boosts VDP performance with enhanced object caching utilizing PDF/VT, enabling live transparencies in variable data
- ▶ Maximizes output and reduces waste with long sheet capability
- ▶ Minimizes downtime between jobs

## System 15+ Software

Features four print modes to support expanding application needs:

- ▶ Economy Mode — Prints 4 colors with 10%+ less ink consumption
- ▶ Ink Optimization — Offers ability to control and match output from press to press or over time on the same press
- ▶ Smart RGB — Smooths skin tones while keeping detail in RGB photos
- ▶ Dura Coat Mode — Offers a unique finish that economically protects inks, enabled by the Clear Dry Ink Fifth Unit station



## The bottom line

Kodak offers choices to help ensure the total cost of ownership is managed, while improving your ability to make a profit.

- ▶ The overall productivity of a **NexPress** Press lets you print more jobs, fast.
- ▶ Choice of **Kodak NexPress** Front Ends that incorporate rich features, reducing costly errors and rework.
- ▶ Fifth Imaging Unit Solutions and optional **Kodak NexPress** Glossing Unit enable you to productively achieve higher margins on the most demanding jobs.
- ▶ ORCs (Operator Replaceable Components) allow operators to replace critical press parts for maximum system performance. Excellent image quality is consistently maintained, cost is controlled, and uptime is increased.
- ▶ Accessories expand application and productivity options:
  - ▶ **Kodak NexPress** Glossing Unit
  - ▶ In-line UV Coating Solution
  - ▶ Additional high-capacity delivery
  - ▶ Long Sheet Delivery Unit (required for sheets longer than 20.47"/520mm)
  - ▶ Inline booklet maker
  - ▶ For photo-rich and high VDP needs, select the optional Ultra Performance Front End

ENERGIZE YOUR BUSINESS TODAY

# Position yourself for profit.

With **Kodak NexPress SX** Digital Production Color Presses, you can be ready to deliver exactly what your clients are demanding. Market-edge image quality, lightning-fast processing power and industry-leading uptime and availability are just a few of the outstanding features that can help position you to ...

- ▶ Reduce labor costs
- ▶ Increase print volume
- ▶ Drive higher margins

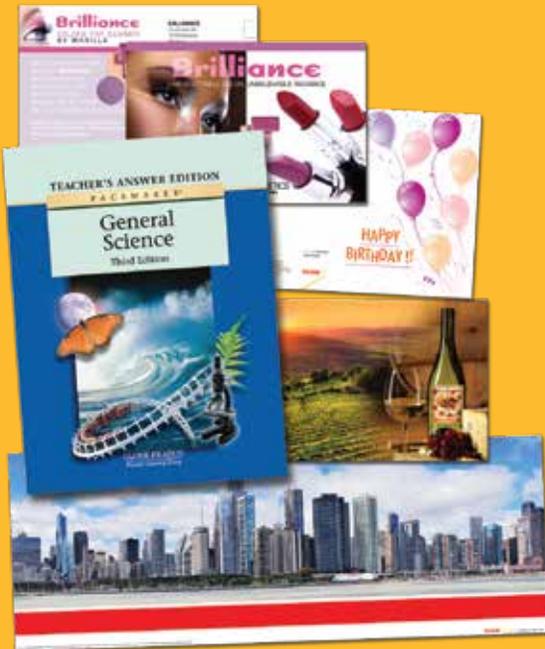
## Photographic image quality

The **Kodak NexPress SX** Press provides photographic image quality, beyond offset quality

The **NexPress** Press Delivers:

- ▶ Vibrant colors and consistent spot color matching
- ▶ Smooth flat fields and gradients
- ▶ Denser blacks while maintaining superb detail and highlights
- ▶ Unique ability to match the ink gloss level to the substrate being printed

Realize consistent, high image quality resulting in reduced print waste and optimal running costs.



## High-value applications

Expand your business and deliver high value communications to your customers with unique capabilities enabled by **Kodak NexPress** Press.

- ▶ Be the first to the market with metallic digital printing using gold dry inks.
- ▶ Easily match corporate colors without any mess or slow down in production with the **NexPress** gamut-expanding colors in the Fifth Imaging Unit (match up to 92% of Pantone-Plus colors within 3 dE-2000 when including gamut-expanding Red, Blue, and Green Dry Ink).
- ▶ Create direct mail pieces and marketing materials that get noticed by adding 3-D texture, gold, stunning high gloss, watermarks, hidden promotions, or protection coat with added durability, ensuring print quality.
- ▶ Provide high quality photographic images with Light Black HD Dry Ink which produces smoother skin tones while maintaining superb details. It also provides true grays and neutrals.
- ▶ Print 6-page letter or A4 brochures in-line at full productivity with longer sheets.
- ▶ Create point-of-purchase signage with substrates up to 39.37" / 1 meter.
- ▶ Provide anti-counterfeiting to admission tickets, product labels and other secure documents with virtually invisible Red Fluorescing Dry Ink.
- ▶ Print 4-color bank checks and promotional checks with MICR Ink.

Kodak's dynamic digital press family can help you run more jobs per shift, drive more profit per page and reap the benefits of new, higher-value capabilities.



## Benchmark productivity

Drive more jobs per shift and more profits per page with presses that deliver highly productive operational performance.

- ▶ A choice of two models: the SX3900 Press and the SX3300 Press (print rates up to 131 and 109 ppm).
- ▶ A press-like design maximizes throughput and productivity, so there is no slowdown for substrate types, weights, sizes or 5-color printing.
- ▶ The powerful **Kodak NexPress** Front End combines proprietary hardware, a high end computer with RAID storage, and leading edge software to handle complex jobs such as photo services, high-end direct mail, and demanding variable data jobs without slowing down the press.
- ▶ An open architecture integrates seamlessly into **Kodak Prinergy** Workflow Systems and is compatible with existing workflows.

# Trust in Kodak

**Kodak NexPress** Digital Production Color Presses are just the beginning of what Kodak has to offer to help support your business growth. Our environmental responsibility, expert service organizations, and proven commitment to the graphic arts industry are all part of our comprehensive approach to earning your confidence.

## Good for your business, better for the planet



Environmental responsibility is a key priority at Kodak. Kodak is committed to sustainability worldwide. We recognize that we have a role to play in helping society thrive by driving business growth in a responsible manner that creates value for all stakeholders. **Kodak NexPress** SX Digital Production Color Platform helps protect our environment while consistently producing outstanding printed materials:

### Better recycling

- ▶ Recycled materials are used in manufacturing wherever feasible.
- ▶ ORCs are recyclable and can be rotated for extended life.
- ▶ Printed sheets are easily de-inked, (INGEDE certified) improving paper recycling efforts.

### Reduced natural resource consumption

- ▶ Substrate flexibility; run many recycled and Forest Stewardship Council (FSC) approved papers.

### Reduced waste

- ▶ Intelligent system monitors and adjusts color accuracy and registration, producing more sellable prints and reducing waste.

### Cleaner operation

- ▶ HD Dry Inks contain no VOC's (Volatile Organic Compounds).
- ▶ High-gloss finished sheets utilizing dry inks are easily recycled.
- ▶ HD Dry Inks do not pose a hazard to employees and do not require a hazardous removal process.

### CPSIA General Conformity

- ▶ In accordance with section 102 of the Consumer Product Safety Improvement Act (CPSIA) of 2008, Lead and its compounds are not used in the manufacture of **Kodak NexPress** Dry Inks or **Kodak NexPress** Fuser Fluids.
- ▶ In addition, these products are not manufactured with the following phthalate materials: DEHP, DBP, BBP, DINP, DIDP, or DnOP.

## Kodak and you — transforming the industry together

As an innovator in imaging, color, and printing technology, Kodak offers you one of the broadest arrays of integrated graphic communications solutions in the industry. With premier printing solutions and the expert resources of **Kodak Service & Support**, Kodak helps you deliver relevant, unique solutions for your clients through market-leading technologies, products and services. The combination of our deep portfolio and wide experience enables you to be faster, more efficient, more productive and better able to expand your business.



**Kodak NexPress**  
Fifth Imaging Unit Solution

**Kodak NexPress**  
Dimensional Printing System

**Kodak NexPress**  
Red Fluorescing Dry Ink

### To learn more about solutions from Kodak:

Visit [graphics.kodak.com](http://graphics.kodak.com)  
Or in North America, call +1-866-563-2533.

Produced on a **Kodak NexPress** Digital Production Color Press with **Kodak NexPress** Dimensional Ink.

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