

Kodak

Digimaster HD
Digital Production Systems

Accessories that
**exceed
expectations**



Exceptional performance, from start to finish



Speed and volume choices

The **Kodak Digimaster** HD Digital Production System is available in three rated print speeds—125 ipm, 150 ipm and 300 ipm.

The **Kodak Digimaster** HD Production Platform accommodates monthly volumes up to 8 million pages.

Each **Digimaster** HD System offers a nearly identical complement of productive and reliable features. System components are completely compatible with all HD Platform print engines.

Finisher

The Finisher holds up to 3,000 sheets, supports the same wide media range as the print engine, and offers straight or offset stacking with subset finishing. The Finisher delivers a measured stitch rather than a fixed-size staple, so whether you have two sheets or one hundred, the stitch penetrates the set neatly and folds cleanly on the other side in a variety of stapling positions.

EXTRAORDINARY CHOICES TO GROW YOUR BUSINESS

Standard Paper Supply

A three drawer paper supply accommodating up to 4,000 sheets is included on the HD125, HD150, and HD300 Systems.

The standard paper supply supports a wide range of media sizes and weights to produce the most complex applications at rated speeds.

Note: See paper supply module specifications on the next page.

The **Kodak Digimaster** HD Digital Production System offers exceptional productivity because it is engineered for excellence throughout the print production process. From its powerful workflow and innovative software tools, to its modular design, the system delivers productivity for your needs.

- ▶ Maximum output with benchmark availability
- ▶ Outstanding productivity through streamlined workflow
- ▶ More output at full-rated speed across a wide range of media
- ▶ High-quality output that meets clients' strictest requirements
- ▶ Enhanced image quality using the new H1 toner and software.
- ▶ Improved reliability and performance on print engine and fuser roller life.
- ▶ Higher toner yield from smaller particle size for more efficient production.



Print Engine Module

Base configuration

Print engine with three paper drawers
Operator control interface with a flat panel monitor display
System control subsystem
Finisher
Print Production Software

Print engine

Print rate speeds: 125 ipm, 150 ipm and 300 ipm duplex (letter/A4)
Resolution: 600 dpi; LED imaging technology
Volume: up to 8 million impressions per month (based on model)

Finisher

Primary tray: up to 3,000 sheets (straight or offset stacking)
Stitching: 2 - 100 sheets (based on 20 lb. bond); variable stitch length

Finisher Dimensions

Size (H x L x D): 163 x 221 x 119 cm (64 x 87 x 47 in.)

System keeps its promise for outstanding
performance and efficiency across every stage of
production job processing capabilities, integrated
short, straight and efficient paper path
proven performance that can be tailored to

availability and uptime.

streamlined, virtually jamless paper handling.

wide range of substrates.

urgent requirements for offset class.

stronger and improved imaging components

pre-printed media; less cleaning and longer

life and imaging system optimization means

Speed and control— up front

A production system requires
high production processing power.
The Five9NS T3105K1 Controller
delivers 3.2 GHz **Intel Pentium**
processing power and 4 GB RAM
to support industry-standard
datastreams—including variable
data—with speed and ease. Pre-
loaded Print Production Software
is designed to optimize workflow
and operational efficiency with
advanced features and a flexible,
user-friendly interface. This
powerful workflow helps you
maintain high productivity across
a range of applications and system
components.

MAXIMIZE RETURN ON INVESTMENT



A **Kodak Digimaster** Productivity Module will upgrade your current HD125 or HD150 System to full HD300 System functionality and productivity. You'll be able to utilize your original engine, feeding and finishing accessories when adding a **Digimaster** Productivity Module.

Upgradeability to 300 ipm

TODAY

*Grow business:
new applications, new clients*

300 IPM ON-SITE UPGRADE

*Leverage investment and workflow;
boost ROI*

HD150

HD125

125 ipm

300 ipm



The upgrade includes the Module itself, plus a new controller and inserter, if needed. With modular and flexible components, outstanding image quality and time-tested production reliability, **Digimaster** HD Systems are built for a wide range of demanding applications that can help you drive revenue.

More options for paper input

INPUT SOLUTIONS THAT KEEP YOUR JOBS FLOWING

The **Digimaster** HD Platform offers several flexible options for paper input and supports a wide range of media weights and sizes to accommodate the most unique applications— at full-rated speeds.

- ▶ Tackle high-volume jobs without interruption, and complex jobs requiring multiple paper stocks with ease.
- ▶ Expand your application reach while you move print-on-demand volume from offset to digital.
- ▶ Enjoy maximum uptime and reliable media throughput with the vacuum corrugated feeding system.
- ▶ Reload paper supplies without interrupting your print runs.



Paper Supply Module

The **Digimaster** HD System print engine includes three paper drawers for an input capacity of 4,000 sheets.

Optional paper supply modules, each with three drawers and a capacity of 4,000 sheets, can be added to your **Digimaster** HD System to expand your capacity to a total of nine drawers and up to 12,000 sheets.



Extended Paper Supply Module

If you require greater capacity for larger format media, add an extended paper supply module. The extended paper supply module accommodates large format paper sizes in all three drawers for maximized application flexibility.

*Note: Only one extended paper supply module can be added to a **Digimaster** HD System. The extended paper supply module must be positioned at the extreme left of any **Digimaster** HD Digital Production System.*

Paper Supply Module

Paper sizes

Top drawer:

In-track (standard):	203 - 229 mm (8 - 9 in.)
In-track (with extended paper size option*):	178 - 229 mm (7 - 9 in.)
Cross-track (standard):	250 - 356 mm (9.84 - 14 in.)
Cross-track (with extended paper size option*):	210 - 364 mm (8.27 - 14.33 in.)

Middle and lower drawers:

In-track (standard):	203 - 457 mm (8 - 18 in.)
In-track (with extended paper size option*):	178 - 470 mm (7 - 18.5 in.)
Cross-track (standard):	250 - 356 mm (9.84 - 14 in.)
Cross-track (with extended paper size option*):	210 - 364 mm (8.27 - 14.33 in.)

Paper drawer capacity (based on 80 g/m²/20 lb. bond)

Top and middle drawer:	1,000 sheets
Lower drawer:	2,000 sheets

Print engine includes three paper drawers with 4,000 sheet total capacity (20 lb. bond). Option to expand to nine drawers with 12,000 sheet total capacity (20 lb. bond).

Paper weight

60 - 200 g/m ² (16 lb. bond to 110 lb. index)
60 - 266 g/m ² (16 lb. bond to 150 lb. index) with enhanced feed mode option*

Extended Paper Supply Module

Paper sizes

Top drawer:

In-track (standard):	203 - 457 mm (8 - 18 in.)
In-track (with extended paper size option*):	178 - 470 mm (7 - 18.5 in.)
Cross-track (standard):	250 - 356 mm (9.84 - 14 in.)
Cross-track (with extended paper size option*):	210 - 364 mm (8.27 - 14.33 in.)

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Paper weight

60 - 200 g/m ² (16 lb. bond to 110 lb. index)
60 - 266 g/m ² (16 lb. bond to 150 lb. index) with enhanced feed mode option*

*Extended paper size and enhanced feed mode options are available to widen the range of paper sizes and weights that can be run on the **Digimaster** HD System.

Don't shy away from high-volume jobs with tight deadlines. With the paper supply options of **Kodak Digimaster HD Systems**, you can meet critical deadlines with maximum efficiency.



Roll Feed Module

Optional roll feed solutions expand your continuous run capability for high-volume applications like transactional printing and book publishing, while reducing paper waste and labor costs.

With the **Kodak Digimaster HD System**, one roll can yield up to 60,000 sheets of 8.5 x 11 in. or A4 format paper. You can switch from 8.5 x 11 in. to 11 x 17 in., or A4 to A3, between jobs, without changing rolls.

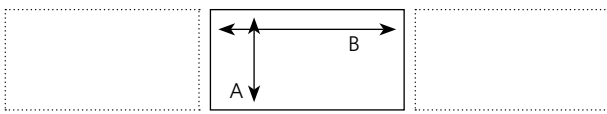
The roll feeder completely integrates into the **Digimaster HD System** either through the print engine or through an additional paper supply module.

Roll Feed Module

Substrate format

Sheet size:

Maximum sheet size:	356 x 470 mm (A x B) (14 - 18.5 in.)
Minimum sheet size:	279 x 200 mm (A x B) (11 - 7.9 in.)
Dimension A (min - max):	279 - 356 mm (11 - 14 in.)
Dimension B (min - max):	200 - 470 mm (7.9 - 18.5 in.)



Paper weight

- 60 - 350 g/m² (16 lb. bond up to 130 lb. cover) uncoated
- 80 - 350 g/m² (20 lb. bond up to 130 lb. cover) coated

Substrates

Paper:

Uncoated, matte coated, glossy coated, cast coated and textured, wood free, recycled paper, including a wide selection of standard offset papers

Special substrates:

Uncoated, matte coated and glossy coated labels



Inserter

ADD VALUE WITH PRE-PRINTED COLOR COVERS, DIVIDER PAGES, AND DIFFERENT STOCKS



The inserter allows you to add pre-printed sheets, covers and other media to catalogs, manuals, and similar applications to make them more compelling, more colorful, and more effective—and saves you time by eliminating hand collation of inserts into a job.

The inserter places sheets into the paper path post-fuser, so delicate pages are inserted smoothly and reliably without damage. Like the print engine and paper supply module drawers, the inserter has load-while-run capability for maximum productivity.



Inserter Module

Paper sizes

Top drawer:

Standard in-track:	178 - 229 mm (7 - 9 in.)
Standard cross-track:	210 - 364 mm (8.27 - 14.33 in.)

Middle and lower drawers:

Standard in-track:	178 - 470 mm (7 - 18.5 in.)
Standard cross-track:	210 - 364 mm (8.27 - 14.33 in.)

Paper drawer capacity (based on 80 g/m²/20 lb. bond)

Top drawer:	1,000 sheets
Middle drawer:	1,000 sheets
Lower drawer:	2,000 sheets

Paper weight

60 - 200 g/m ² (16 lb. bond to 110 lb. index)
60 - 266 g/m ² (16 lb. bond to 150 lb. index) with enhanced feed mode option

Productivity

Maintains full printer productivity while sheets are inserted
Continuous load capability

Dimensions

Size (H x L x D): 126 x 79 x 85 cm (49.5 x 31 x 33.5 in.)
Weight: 270 kg (595 lbs.)

Hole Puncher

KEEP PRODUCTION AT ITS PEAK WITH AN INTEGRATED HOLE PUNCH SOLUTION



The in-line hole puncher multiplies the flexibility and productivity of your **Digimaster** HD System with a fully-integrated, full-speed punching solution. The hole puncher can punch sheets for ring bound, plastic comb bound, spiral bound or twin loop bound documents.

By adding in-line hole punching to your **Digimaster** HD System, you can eliminate the cost of pre-drilled paper, reduce labor costs associated with off-line hole punching, and reduce turnaround time. The hole puncher also offers a wide variety of punch tools to support a wide variety of applications.

Designed for full system integration and highly efficient operation, the hole puncher's bypass mode allows you to fully utilize all post-finisher accessories, such as the booklet maker or perfect binder. The hole puncher provides excellent punch precision even with mixed media, and better set integrity by eliminating manual off-line job handling.

Hole Puncher Module

Paper sizes

Punch mode:

In-track: 179 - 235 mm (7 - 9.25 in.)

Cross-track: 210 - 305 mm (8.27 - 12 in.)

Bypass mode:

In-track: 179 - 470 mm (7 - 18.5 in.)

Cross-track: 210 - 364 mm (8.27 - 14.33 in.)

Custom punch tools

A variety of punch tools are available for plastic-comb, twin-loop, spiral- and ring-bound finished documents.

Most commonly used punch tools

2-hole 7 mm (.28 in.) (A4)

3-hole 8 mm (.31 in.) (letter)

4-hole 7 mm (.28 in.) (A4)

Plastic-comb 21-holes (A4)

Plastic-comb 19-holes (letter)

3:1 4 mm (.16 in.) 34 round holes (A4)

3:1 4 mm (.16 in.) 32 round holes (letter)

3:1 4 mm (.16 in.) 34 square holes (A4)

3:1 4 mm (.16 in.) 32 square holes (letter)

2:1 6 mm (.24 in.) 23 round holes (A4)

2:1 6 mm (.24 in.) 21 round holes (letter)

2:1 6.35 x 5.44 mm (.25 x .21 in.) 23 rectangular holes (A4)

2:1 6.34 x 5.44 mm (.25 x .21 in.) 21 rectangular holes (letter)

Productivity

Maintains full printer productivity while sheets are punched.

Features

Ability to adjust punch pattern distance from edge of sheet (in-track), as well as shift top to bottom position (cross-track). Punch all pages within a job or just specific pages within a job. Able to punch sheets coming from the inserter.

Dimensions

Size (H x L x D): 127 x 102 x 81 cm (50 x 40 x 32 in.)

Weight: 285 kg (629 lbs.)

Stacker

LET YOUR JOBS STACK UP—PRODUCTIVELY



Add a stacker to your **Kodak Digimaster** HD System for maximum output capacity of 5,000 sheets. The stacker offers straight or offset stacking. Whether the output is destined for additional in-line or off-line finishing, it is delivered collated and ready for the next step in the finishing process.

The stacker also has a bypass mode that allows another finishing device, such as the booklet maker, to be attached at the same time. This lets you have jobs with different finishing options running one right after the other with no downtime for setup—giving you optimum productivity.



Stacker Module

Stacker capacity

One stacker per print engine for a total of 5,000 sheets

5,000 sheets, based on 80 g/m² (20 lb. bond)

Paper sizes and weights

Handles same paper sizes and weights as the print engine

Stacking capability

Stack mode:

Choose straight or offset stack; offset for each stack is 20 mm (.787 in.)

Receiver:

Wheeled tote tray

Dimensions

Size (H x L x D): 127 x 84 x 81 cm (50 x 33 x 32 in.)

Weight: 204 kg (450 lbs.)

Extensive finishing choices

OPEN THE DOOR TO OPPORTUNITY WITH BOOKLET MAKING SOLUTIONS...



Booklet Maker Module

The booklet maker lets you expand your application reach and make existing applications even more effective by producing booklets in a variety of sizes with either long-edge or short-edge folds, including menus, travel guides, medical pamphlets and more.

Print, stitch, fold, and trim booklets in one self-contained unit. Program the job at the front end, run it, and collect your finished booklets. No operator intervention is required. Saddle stitch, fold, and trim (optional) up to 22 sheets for booklets up to 88 pages.

The booklet maker supports the same stock range as the print engine for optimum flexibility.

The future of digital books

Digital book production opportunities are projected to grow exponentially in the near future. In fact, some experts estimate that over the next decade, nearly half of all books published will be printed digitally. That means new opportunities for you—and new ways to profit from business change.



Booklet Maker Module

Paper sizes and weights

Handles same paper sizes and weights as the print engine except for sheets less than 203 mm wide (8 in.) (in-track dimension)

Maximum set thickness: Saddle stitch; 22 sheets based on 80 g/m² (20 lb. bond) or equivalent thickness, including cover

Booklet making capability

Trimming: Face trim with two blades that can cut a maximum of 10 mm (.4 in.) off the booklet

Receiving conveyor: Capacity up to 42 A4/8.5 x 11 in. booklets, 10 sheets of 80 g/m² (20 lb.) or equivalent

Toolless adjustment: Automatic setup

When a booklet maker is used, a stacker is required.

Dimensions

Size (H x L x D): 148 x 254 x 62 cm (58 x 100 x 24 in.)

Weight: 440 kg (970 lbs.)



...OR WITH DIGITAL BOOK PUBLISHING



A digital book publishing solution must offer consistent and excellent image quality, quick turnaround, cost-effective production, and of course, the sophisticated finishing capabilities required to produce high quality books. The HD Platform offers all the components you need to add digital books to your list of high-value applications.

C.P. BOURG BPRF Module (Perforator/Rotator/Folder)

The BPRF module perforates, rotates, and folds sheets into four-page signatures for perfect-bound books. All pagination and chapters are programmed as part of the job set-up to ensure complete book integrity.

Perfect Binder Module

The perfect binder module offers the versatility to produce smartly finished, perfect-bound books in a range of pages. It delivers up to 250 bound books per hour with a wide variety of cover types simply, easily and automatically. In-line or off-line binding is available.

C.P. Bourg BPRF Module

Sheet specifications

Handles same paper sizes and weights as the print engine:

Minimum size: 210 x 279 mm (8.25 x 11 in.)
Maximum size: 254 x 311 mm (10 x 12.25 in.)

Signature delivered to perfect binder:

Minimum size: 140 x 210 mm (5.5 x 8.25 in.)
Maximum size: 156 x 254 mm (6.125 x 10 in.)

Features

Perforates, rotates and folds sheets coming from the print engine. Creates a 4-page signature to deliver to the perfect binder.

Processing rate: Maintains the engine print rate

Dimensions

Size (H x L x D): 130 x 163 x 79 cm (51 x 64 x 31 in.)

Weight: 255 kg (562 lbs.)

Trimmer

As part of a book publishing solution, an in-line trimmer is available through third-party solution provider Challenge Manufacturing.

Perfect Binder Module

Book specifications

Cover types: Standard industry applications

Cover weight: 80 - 250 g/m² / 30 - 90 lb. cover (may require cover creasing)

Paper weight: 60 - 160 g/m² / 16 - 40 lb. bond

Thickness: Min. 15 sheets to 40 mm (1.5 in.)

Dimensions in-line/without BPRF: A4, 216 x 279 mm (8.5 x 11 in.)

Dimensions off-line: Min. 60 x 100 mm (2.36 x 4 in.)

Features

Cover pile height : 70 mm (2.75 in.)

Cover present detector: Yes

Production speed: Maximum of 250 cycles per hour (for books of 15 sheets, bound in-line)

Milling and notching, Paper waste collection, Book counter, 24 hour start-up timer: Yes

Dimensions

Size (H x L x D): 120 x 260 x 180 cm (45 x 100 x 71 in.)

Entry height standard: 102 cm or 85.5 cm (40 in. or 33 in.)

Weight: 760 kg (1,676 lbs.)



Unique, innovative WATKISS POWERSQUARE 224 Finishing System

Deliver attractive, square-spine books without substantial bindery cost, with the **Watkiss PowerSquare 224** Finishing System, an innovative book making system for digital print applications. It combines the four processes of stitching, folding, spine forming and trimming into a single machine, to produce squareback books up to 224 pages thick. It features fully automatic settings for different book sizes and pagination, including variable stitch leg length for varying book thickness. Digital print applications frequently use heavier stocks and need the flexibility to produce a wider range of finished books from a single process, with little or no operator intervention—the **Watkiss PowerSquare 224** System is a perfect match.

Easy to use

Simply enter job parameters into the touchscreen and press "start." The **PowerSquare** System automatically sets the stitch position, the wire draw length (the stitch leg length), the amount of spine form required and the trim dimension. To make repeat jobs easier still, you can save the settings, each with an unique name, for instant recall when required.



Watkiss PowerSquare 224 Finishing System

	Online	Offline
Production	Dependent on number of stitches and book thickness	
(Rel.3)	Cycle time: Printer-dependent Inter-set gap: 1.0 seconds Min. set time: 4.4 seconds	Typical set time: 7.5 seconds
Stock sizes (input size)	Min.: 200 x 200 mm (7.9 x 7.9 in.) Max.: 340 x 500 mm (13.4 x 19.7 in.)	Min.: 120 x 200 mm (4.7 x 7.9 in.) Max.: 370 x 520 mm (14.6 x 20.5 in.)
Sheet rotation (Online machines)	Integrated rotator ensures maximum printer productivity. Max. rotation sheet size: 320 x 227 mm (12.6 x 8.9 in.) Min. rotation sheet size: 207 x 200 mm (8.1 x 7.9 in.)	
Stock range	70 - 250 g/m ² , dependent on paper type and quality	
Book thickness	Min. set thickness: 2 sheets (when folded makes an 8-page booklet) Max. finished book thickness: 10 mm (approx. 200 pages 80 g/m ²) Max. set thickness: 5 mm (approx. 50 sheets 80 g/m ²)	
Stitching	1-6 stitches, evenly spaced on the spine of the book Stitches / spool: up to 291,500 Books / spool: approx. 127,000 (20-sheet, 80-page 80 g/m ² book)	
Trimming	Max. fore-edge trim: 28 mm (1.1 in.) Min. trimmed book size: 80 mm (3.1 in.)	
Features	<ul style="list-style-type: none"> • Makes books from 8-224 pages • Produces squareback books • Heavy-duty side-loading stitch head 	<ul style="list-style-type: none"> • Ergonomic design • Small footprint • Instant-on, no warm-up time

A MODULAR APPROACH FOR SYSTEM FLEXIBILITY AND DEPENDABILITY

Exceptional dependability

Digimaster HD System components are expertly engineered to help ensure that your productivity stays at its peak and your workflow is streamlined.

By combining proven, award-winning technology with forward thinking innovation, **Digimaster** HD Digital Production Systems offer outstanding productivity and exceptional dependability—every day, every page.

Integrated modularity

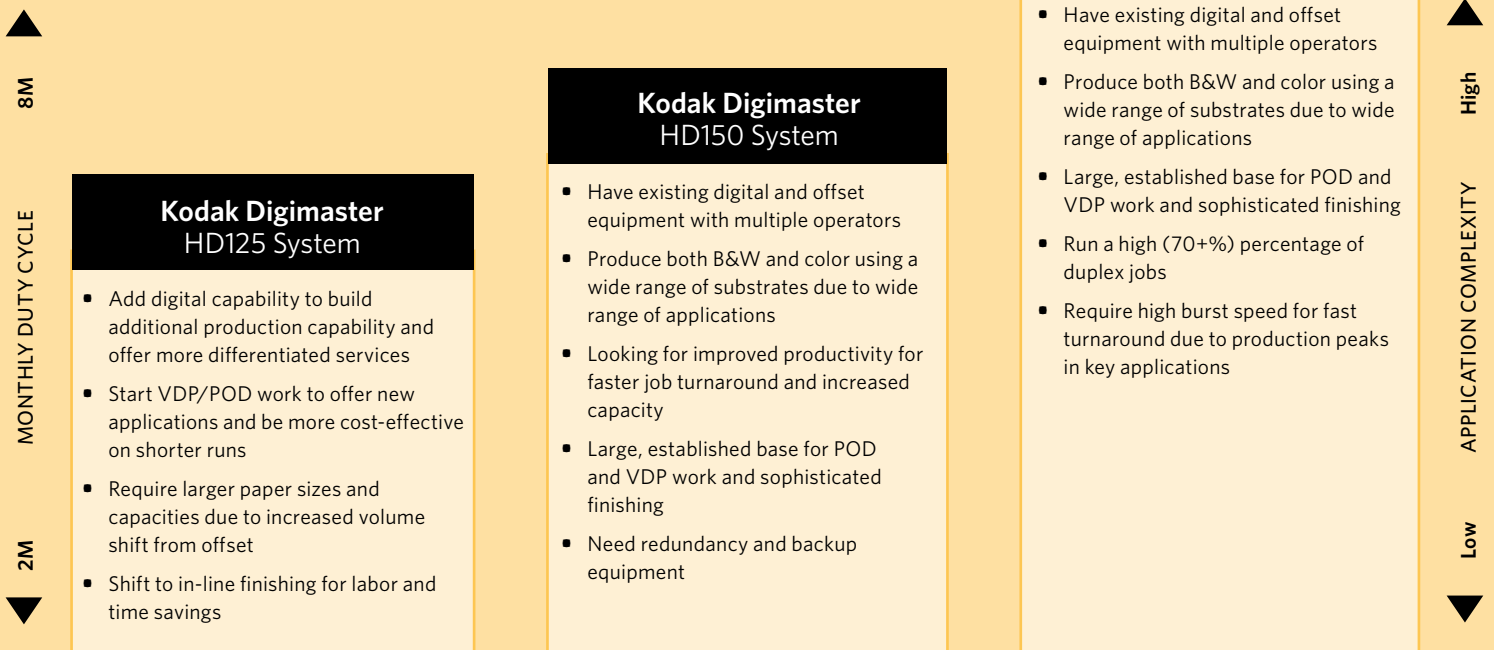
Once you choose the **Kodak Digimaster** HD Digital Production System print engine that meets your volume needs, select the components that address your application complexity. The HD Platform's modularity ensures that you'll be well-equipped to produce the sophisticated, high quality applications your clients require.

Complete flexibility

The modular approach of the HD Platform gives you complete flexibility to customize the system you need to deliver the applications that help drive business growth—now and into the future.

You'll distinguish yourself with consistent, outstanding quality and an extensive application reach. Win new clients and impress existing ones with complex finished documents that deliver outstanding value every time.

Choose the engine that meets your volume needs and then add the accessories that make the system uniquely yours.



To learn more about solutions from Kodak:

Visit graphics.kodak.com
Or in North America, call +1-866-563-2533.

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