

Kodak

KODAK DIGIMASTER HD
DIGITAL PRODUCTION SYSTEMS



ACCESSORIES THAT
EXCEED
EXPECTATIONS

EXCEPTIONAL PERFORMANCE, FROM START TO FINISH



EXTRAORDINARY CHOICES TO GROW YOUR BUSINESS

The **Kodak Digimaster HD** Digital Production System keeps its promise for outstanding productivity because it is engineered for excellence and efficiency across every stage of the print production process. From its powerful job processing capabilities, integrated workflow and innovative software tools, to its short, straight and efficient paper path and its modular design, the system delivers proven performance that can be tailored to your needs.

- Maximum output with benchmark availability and uptime.
- Outstanding productivity through streamlined, virtually jamless paper handling.
- More output at full-rated speed across a wide range of substrates.
- High-quality output that meets clients' stringent requirements for offset class.
- Enhanced image quality using the new H1 toner and improved imaging components and software.
- Improved reliability and performance on pre-printed media; less cleaning and longer fuser roller life.
- Higher toner yield from smaller particle size and imaging system optimisation means more efficient production.

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.

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.

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)



MAXIMISE RETURN ON INVESTMENT

A FLEXIBLE TOWER SERVER

The Five9NS T3105K1 is an entry-level, single socket tower server. Powered by an **Intel Pentium G3420** processor, this high-performance system provides I/O slot flexibility that enables seamless integration into a variety of customer applications.

- Variety of expansion slots
- Tower form factor
- Remote system management capabilities
- Easy to customise and integrate into existing infrastructure
- Easy to scale out as business needs grow

The Five9NS T3105K1 was designed with the customer in mind. With its rich feature set — including four expansion slots, remote management capabilities, and high performance **Intel Pentium G3240** processor — it's an ideal fit for commercial printing and healthcare environments.



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 utilise 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 maximised 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. Option to expand to nine drawers with 12,000 sheet total capacity.

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.



DOCUSHEETER 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 labour 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 Docusheeter completely integrates into the **Digimaster** HD System either through the print engine or through an additional paper supply module.

Docusheeter Module

Substrate format

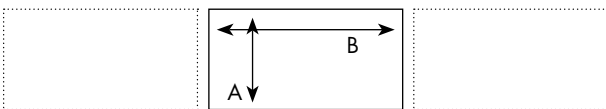
Sheet size:

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

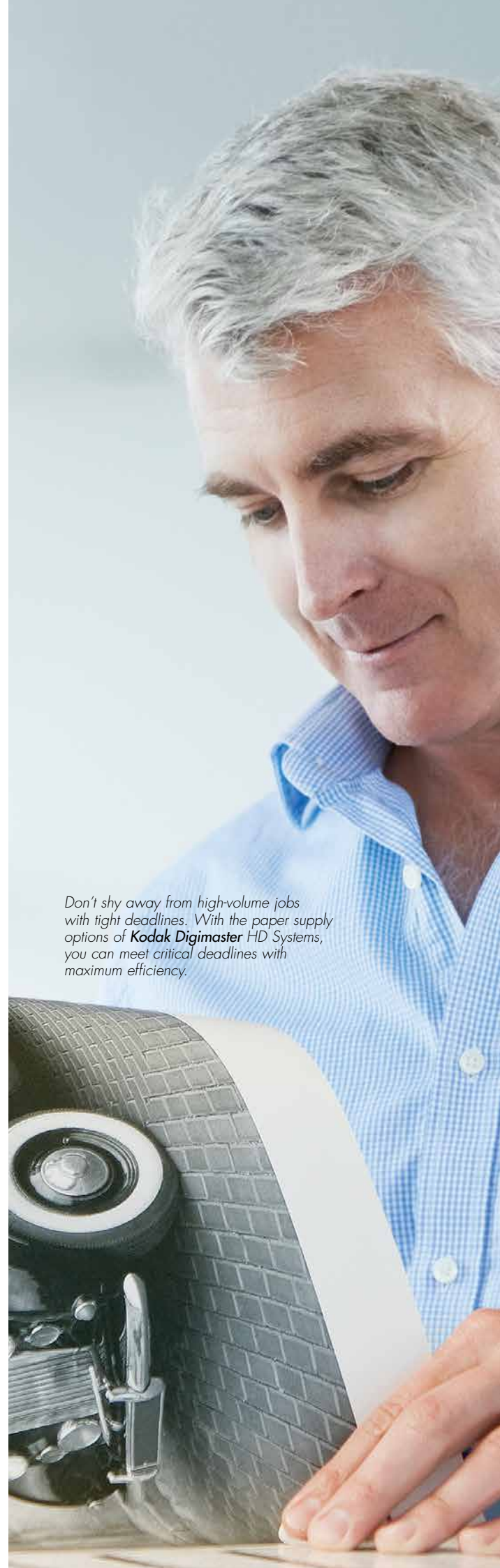
Substrates

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



*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.*

INSERTER

ADD VALUE WITH PRE-PRINTED COLOUR 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 colourful, 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 labour 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 utilise 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)

Crosstrack: 210 - 305 mm (8.27 - 12 in)

Bypass mode:

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

Crosstrack: 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 (crosstrack). 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.)



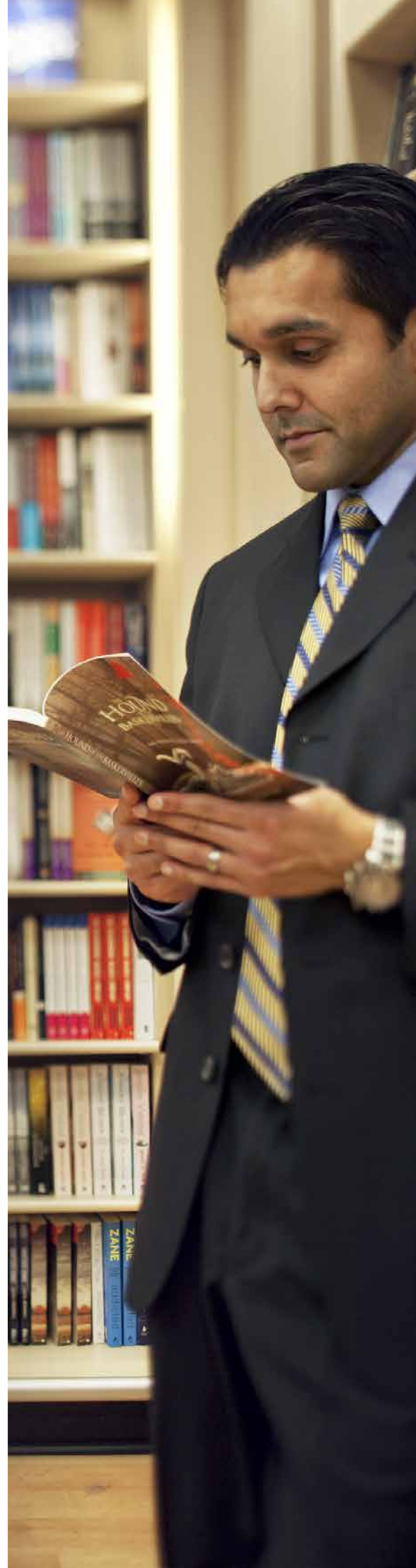


UNIQUE, INNOVATIVE WATKISS POWERSQUARE 224 FINISHING SYSTEM

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 a 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

Tame your space

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inspiration inside FALL

Jessica, we are pleased to offer you 20% off your next in-store purchase.



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Computer connectivity problems... Troubleshooting guide for network issues.

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Paper and Pre-

THE BROOMSTICK TRAIN

Oliver Wendell Holmes



THE BOOK OF THE Everglades



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 customise 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. THEN ADD THE ACCESSORIES THAT MAKE THE SYSTEM UNIQUELY YOURS.

8M

MONTHLY DUTY CYCLE

2M

Kodak Digimaster HD125 System

- Add digital capability to build additional production capability and offer more differentiated services
- Start VDP/POD work to offer new applications and be more cost-effective on shorter runs
- Require larger paper sizes and capacities due to increased volume shift from offset
- Shift to in-line finishing for labour and time savings

Kodak Digimaster HD150 System

- Have existing digital and offset equipment with multiple operators
- Produce both B&W and colour using a wide range of substrates due to wide range of applications
- Looking for improved productivity for faster job turnaround and increased capacity
- Large, established base for POD and VDP work and sophisticated finishing
- Need redundancy and backup equipment

Kodak Digimaster HD300 System

- Have existing digital and offset equipment with multiple operators
- Produce both B&W and colour using a wide range of substrates due to wide range of applications
- Large, established base for POD and VDP work and sophisticated finishing
- Run a high (70+%) percentage of duplex jobs
- Require high burst speed for fast turnaround due to production peaks in key applications

High

APPLICATION COMPLEXITY

Low

Learn more at www.kodak.com
Produced using **Kodak** Technology.

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