

# Kodak

## Digimaster HD300 Digital Production System



### Outstanding productivity— consistent results

The **Kodak Digimaster HD300** Digital Production System provides a new level of dependable black & white production power to high volume environments where turnaround time, productivity, and consistent image quality are critical.

The HD300 System is part of the **Kodak Digimaster** Digital Production System platform—a portfolio of exceptionally reliable print engines and components that let you create the system you need today while positioning your business for future growth.

The outstanding attributes of the **Kodak Digimaster HD300** Digital Production System help you meet quality requirements and critical deadlines with maximum operational efficiency:

- ▶ Market-leading 300 image-per-minute 2-sided printing with benchmark uptime and availability.
- ▶ Streamlined, highly reliable paper handling and full-rated speed across a wide range of substrates.
- ▶ 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 optimization means more efficient production.

### Kodak Digimaster HD300 System

- ▶ 300 ipm (A4/Letter/Legal)
- ▶ Up to 8 million impressions per month

### Manage volume and profit with one powerful system

Enabled by dual print engines, the HD300 System's benchmark speed allows you to confidently produce more jobs per shift and more profits per page across a range of high value, fast turnaround applications such as direct mail, transactional and publishing. This system delivers the ultimate in burst capacity, so you can turn high volume jobs within tight production windows.

Producing more jobs per shift and consolidating work with the HD300 System opens up new opportunities for streamlining your print shop:

- ▶ Flexible feeding and finishing accessories common to all HD Systems
- ▶ Reduce equipment footprint and operator costs
- ▶ Drive down your overall cost of operation
- ▶ Boost your profit potential per page

### High volume, high value

*The HD300 prints personalized postcards, customized multi-stock manuals and catalogs, fully finished books with color covers, secure MICR or other transactional documents, and more.*



# Kodak Digimaster HD300 Digital Production System

## Technical specifications

### Base configuration

Print engine with three paper drawers
Operator control interface with flat panel monitor display
System control subsystem
Finisher
Inserter
AP* Print Production Software 8.01

### Print engine

Print rate speed: 300 ipm (A4/letter/legal); 150 ipm (A3/ledger)
Resolution: 600 dpi
LED imaging technology
Volume: up to 8 million impressions per month

### Paper sizes

#### Top drawers:

In-track (standard):	203 - 229 mm (8 - 9 in.)
In-track (with extended paper size option <sup>†</sup> ):	178 - 229 mm (7 - 9 in.)
Cross-track (standard):	250 - 356 mm (9.84 - 14 in.)
Cross-track (with extended paper size option <sup>†</sup> ):	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 <sup>†</sup> ):	178 - 470 mm (7 - 18.5 in.)
Cross-track (standard):	250 - 356 mm (9.84 - 14 in.)
Cross-track (with extended paper size option <sup>†</sup> ):	210 - 364 mm (8.27 - 14.33 in.)

### Paper drawer capacity (based on 80 g/m<sup>2</sup>/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 <sup>2</sup> (16 lb. bond to 110 lb. index)
60 - 266 g/m <sup>2</sup> (16 lb. bond to 150 lb. index) with enhanced feed mode option <sup>†</sup>

### Finisher

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

### Dimensions

Size (H x L x D): 163 x 465 x 119 cm (64 x 183 x 47 in.)
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### Operator control interface

Flat panel monitor display
Complete system components control; mouse/keyboard

### System control subsystem

System type	Five9NS System T3105K1 (530-0001-01)
Processor	<b>Intel Pentium</b> G3420 (3.2GHz, 3MB Cache, 2C/2T, LGA1150, 53W, embedded)
Storage subsystem	(2) Internal 3.5" drive bays
Memory	(1) 4GB (512MB x 72-bit, 1Rx8) PC3L-12800, CL11, ECC DDR3-1600 UDIMM, 1.35V
Hard drives	(1) 1TB 7200RPM, 3.5", 6Gbps (SATA III), 128MB Cache, internal
Optical drive	Half-height SATA DVD-RW, 24x, black
Power supply	350W, ATX12V, 80+ Gold
Operating system	Solaris 10

### Document buffer

20,000 page capacity (duplex)
Automatic page level recovery
Queues print-ready jobs for minimal inter-job delay

### Page Description Languages

<b>Adobe PostScript</b> and <b>Adobe PDF</b>
TIFF standard
HP-PCL 6 (optional)

### Connectivity/supported datastreams

TCP/IP
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### Supported environments

<b>Microsoft Windows 7/Vista/XP</b> /operating systems
<b>Macintosh</b> operating system OS X

### Supplies

H1 Toner: standard black
Yield 164,000 images per bottle based on 6% coverage (A4/letter)
H1 Developer: Yield 1.2M images (A4/letter)
M1 Toner: MICR
Yield 110,000 images per bottle based on 6% coverage (A4/letter)
M1 Developer: Yield 600K images (A4/letter)

### Accessories

Input: Optional extended paper supply module Optional standard paper supply module
Output: Stacker BPRF (Bourq Perforating Rotating Folding) Booklet Maker Perfect Binder Hole Puncher
Other: 3rd party interface for OEM accessories also available

\* Advanced Print

<sup>†</sup> 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.

### To learn more about solutions from Kodak:

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