Canon

imageRUNNER™
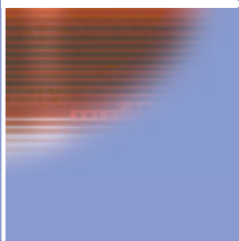8 5

imageRUNNER™
85

THE HIGH-VOLUME PRINT PRODUCTION SYSTEM OFFERING SPEED, QUALITY, AND ADVANCED FINISHING CAPABILITIES

In order to maintain the daily production and management of mission-critical documents, an enterprise must constantly strive to achieve greater levels of productivity and efficiency. With its 85-page-per-minute speed, high image quality, extensive document-finishing capabilities, and seamless integration into customer networks, the Canon imageRUNNER 85 completes your everyday print applications with ease.
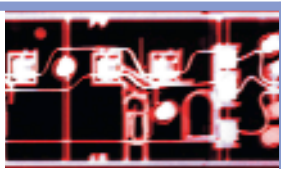
The Canon imageRUNNER 85 is a high-speed, black-and-white production printer designed to handle the demands of large corporate department, data center, CRD, and print-on-demand environments. It joins an already distinguished group of high-performance networked office solutions available from Canon—the industry leader. Like its predecessors, the imageRUNNER 85 will impress you with its ease-of-use, high reliability, and innovative feature set, all of which allow you to look and perform your best...85 times a minute. Whether you want to replace a group of old desktop printers with a faster, networked device, migrate print volume from legacy line printers to a device with better image quality, or upgrade your current print-on-demand solution to a system offering increased document-finishing capabilities, the Canon imageRUNNER 85 is the ideal solution for all your printing needs.

speed

Maximum print performance, minimum effort.

Fast Turnaround

The imageRUNNER 85 continuously outputs print jobs at its rated speed of 85 impressions per minute—even while printing at high resolution, and when stapling and hole-punching finished documents. This ensures that jobs are completed on time, everytime.

Outstanding Image Quality

With 600 x 600 dpi print resolution that is interpolated to 2400 x 600 dpi, the imageRUNNER 85 delivers the exceptional image quality Canon customers have come to expect. Text, solids, and halftones are produced with remarkable clarity. Even the smallest digits are printed with precision, preserving the integrity of your data.

Versatile Paper Supply

A 4,150-sheet paper supply comes standard on the imageRUNNER 85, enabling it to handle most long-run continuous print jobs. An optional 3,500-sheet paper deck can be added, boosting overall paper capacity to an unbelievable 7,650 sheets. Automatic paper tray switching and on-the-fly paper reloading further optimize production throughput. With up to six on-line paper sources available at a time, users have the flexibility to select a number of output choices. The imageRUNNER 85 handles paper sizes from statement to ledger, and offers support for specialty stock, such as labels, transparencies, and tabs. The device can also support paper weights from 17 lb. Bond to 110 lb. Index from every on-line paper source–a must-have for jobs requiring heavy covers and inserts. With its generous paper supply, large number of paper sources, and wide range of acceptable paper weights, sizes, and stocks, the imageRUNNER 85 can handle the most demanding, high-volume print applications.

Output that Speaks Volumes

The imageRUNNER 85's extensive finishing capabilities are what really set it apart from its competitors in the printer market. Three optional finishers are available, all of which are designed to enhance productivity and limit the number of steps required to complete print jobs.

The imageRUNNER 85's optional Finisher-K1N and Finisher-K2N offer two trays to manage output from statement to 11" x 17." Up to 3,000 sheets can be accommodated, enough to effectively handle even the longest print runs. Additionally, both finishers can staple up to 100 sheets in any corner of the page, or place two staples in either the left- or right-hand margin. The Finisher-K2N also offers hole-punching in addition to stapling. Output can be automatically two- or three-hole punched, depending on paper size and orientation.

For more extensive finishing requirements, the Saddle Finisher-K3N is another available option. Like the Finisher-K1N and Finisher-K2N, the Saddle Finisher-K3N holds a maximum of 3,000 sheets in two trays. It offers 100-sheet single- and double-position stapling, two- and three-hole punching, as well as saddle-stitched booklet-making as standard. The Saddle Finisher-K3N can also be equipped with the optional Document Insertion Unit-B1, Paper Folding Unit-C1, and Booklet Trimmer-A1. The Document Insertion Unit-B1 allows preprinted stock to be merged with finished documents post-process. The Paper Folding Unit-C1 z-folds 11" x 17" documents so that they fit neatly within letter-sized output. And the Booklet Trimmer-A1 cleans up finished edges of saddle-stitched output.

Connectivity Without Complications

The imageRUNNER 85 offers two ways to connect to the network—the Canon-designed Network Multi-PDL Printer Kit-B3 and the imagePASS-M1 Print Controller, jointly developed by Canon and Electronics For Imaging (EFI™). Both solutions enable 600 x 2400 dpi interpolated print resolution, and allow users to program imageRUNNER 85 system capabilities right from their desktops.

Canon's Network Multi-PDL Printer Kit-B3 leverages the standard 250MHz processor built into each imageRUNNER 85 model. Using this Canon-customized processor, the Network Multi-PDL Printer Kit-B3 is best suited for text-intensive, everyday printing needs where PCL page description language makes up the bulk of jobs that are sent to the printer.

Canon's imagePASS-M1 Print Controller features an Intel® Mobile Pentium® III 500MHz processor and is designed to meet the needs of customers printing true Adobe® PostScript® files, complex graphics, and variable data output, as well as to support EFI utilities such as Fiery® FreeForm.™
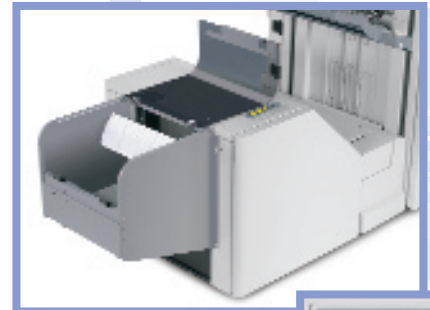
Both solutions have been designed to integrate seamlessly with a customer's existing network infrastructure, and come with a full suite of system utilities to simplify device installation and management.

Point-and-click Operation

One of the reasons why Canon is the leading provider of network-connected systems in the market today is because of its intuitive printer driver software. imageRUNNER 85 users will find that Canon's graphical printer driver software is extremely easy to use, even if they have no prior experience using a network connected device. Through the printer driver software, users have immediate access to

The optional imagePASS-M1
Print Controller

The optional Booklet Trimmer-A1 trims the lead edge of saddle-stitched booklets.

Booklet Trimmer-A1
Control Panel.

The optional Document Insertion Unit-B1 allows users to incorporate preprinted covers and inserts into output.

all imageRUNNER 85 output functions directly from their desktop. A dynamic image of the installed imageRUNNER 85 is displayed on the screen, indicating all available hardware options, paper sizes, and paper levels. If these attributes change over the course of the day, the driver is updated to reflect the changes so that users are aware of the latest device capabilities.

More advanced capabilities of the driver include the ability to save frequently used print job parameters, add watermarks, and insert document annotations such as names, dates, and so on. Users can also save electronic forms and other frequently printed files to one of the imageRUNNER 85's 100 Mail Boxes. And Canon's Page Composer software, a make-ready tool that is embedded in the printer driver, allows imageRUNNER 85 users to view the page layout of a document prior to printing to ensure that their output will print as expected.

Connectivity Software Simplified

In addition to easy-to-use print drivers, all network print controllers ship standard with Canon's Remote User-interface (UI) Software and NetSpot® Suite.

Using Canon's Remote UI™ feature, a user can access device status and configuration, job status, address books, and more, simply by entering the IP address of the device using a standard web browser. Users can stop, start, or reprint jobs, and send images stored in Mail Boxes, all from a desktop PC, and with no additional software requirements.

Canon's NetSpot Suite consists of two standard software utilities, and one optional utility: NetSpot Console, NetSpot Job Monitor, and NetSpot Accountant. NetSpot Console is a web-based utility capable of installing Canon networked systems on most customer networks. In addition to basic installation support, NetSpot Console also notifies administrators of device status conditions such as low toner, paper jams, and others. What's more, NetSpot Console is also capable of managing third-party printers complying with the standard Printer MIB, thereby consolidating network device management via one utility.

To manage and track the progress of print jobs, Canon provides NetSpot Job Monitor. NetSpot Job Monitor runs as an automated task in the Windows® Systems Tray, and can be configured to report job conditions based on administrator or end-user preferences. A key feature of NetSpot Job Monitor is the ability to deliver end-of-job notification to end-users.

NetSpot Accountant* is an optional utility that is capable of providing comprehensive job tracking and analysis for cost-accounting and workflow optimization. Using NetSpot Accountant, network administrators can track all imageRUNNER 85 activities, and bill internal or external clients for device utilization.

In addition to the NetSpot utilities mentioned, Canon also supplies plug-in modules for the most popular enterprise-management applications in use today. Supported applications include Microsoft® Management Console, CA-Unicenter, HP OpenView, Tivoli® NetView,® and BMC Patrol. Through these plug-ins, Canon permits easy management of imageRUNNER 85 systems—and other Canon networked devices—from directly within the enterprise-management system console.
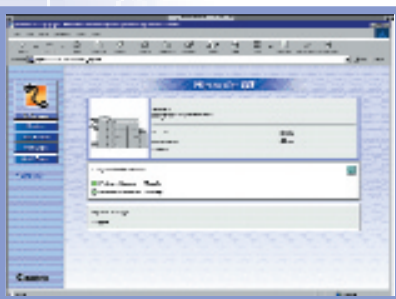
*Please check with your local Canon-authorized Dealer for availability.

Produce professionally finished documents with the click of a mouse.

The imageRUNNER 85 supports tab stock in its lower two paper trays.

Remote User-interface

Document Insertion Unit-B1▲

Paper Folding Unit-C1▲

Saddle Finisher-K3N

Finisher-K2N

Finisher-K1N

imageRUNNER 85

Booklet Trimmer-A1▲

Paper Deck-M1

imagePASS-M1 Print Controller

imageRUNNER™ 85

imageRUNNER 85 Specifications

Type:	Digital, Multifunction Imaging System
Imaging System:	Laser Dry Electrostatic Transfer
Developing System:	Dry Monocomponent Toner Projection
Image Server Memory:	Standard 192MB RAM + 10GB HDD
First Print Time:	Within 3.4 Seconds
Warm-up Time:	6 Minutes or Less
Printing Resolution:	600 dpi x 600 dpi
	2400 dpi x 600 dpi Interpolated
Halftone:	256 Gradations of Gray
Print Speed:	85 ppm (Letter)
	42 ppm (Ledger)

Paper Supply
- Standard: Dual Front-loading Trays (1,500 Sheets Each); Dual Front-loading Cassettes (550 Sheets Each); 50-sheet Stack Bypass
- Optional: 3,500-sheet Paper Deck-M1 (Total: 7,650 Sheets)

Paper Weights:	17 lb. Bond to 110 lb. Index (All Paper Sources)
Mail Box:	100 (7,700 Pages/Letter)

Supplies

Drum:	Amorphous Silicon–Estimated Yield: 5,000,000 Impressions
Maximum Duty Cycle:	400,000 Impressions per Month
Toner:	Magnetic Negative Toner– Estimated Yield: 36,600 Images

ACCESSORIES

Finisher-K1N/K2N (Optional)

Number of Trays:	2 Trays

Tray Capacity
- Top Tray: 1,000 Sheets (All Sizes) Offset Stacking
- Lower Tray: 2,000 Sheets (Letter); 1,000 Sheets (11" x 17", Legal) Offset Stacking

Staple Position:	1 - Any Corner
	2 - Side Margin
Max. Stapling Capacity:	100 Sheets (Letter/Statement)
	50 Sheets (Letter-R/Legal/11" x 17")
Hole-punch (K2N Only):	3 Holes (11" x 17", Letter)
	2 Holes (Legal, Letter-R)

Saddle Finisher-K3N (Optional)

Number of Trays:	3 Trays

Tray Capacity
- Top Tray: 1,000 Sheets (All Sizes) Offset Stacking
- Lower Tray: 2,000 Sheets (Letter); 1,000 Sheets (11" x 17", Legal) Offset Stacking
- Saddle-stitch Tray: 30 Sets

Staple Position:	1 - Any Corner
	2 - Side Margin
Max. Stapling Capacity:	100 Sheets (Letter/Statement)
	50 Sheets (Letter-R/Legal/11" x 17")
Hole-punch:	3 Holes (11" x 17", Letter)
	2 Holes (Legal, Letter-R)

Saddle-stitch Capabilities
- Saddle-stitch Paper Sizes: 11" x 17", Letter
- Stapling Capacity: 15 Sheets (60 Pages)
- Folding: V-folding Standard

Paper Deck-M1 (Optional)

Paper Capacity:	3,500 Sheets
Paper Size:	Letter
Paper Weights:	17 lb. Bond to 110 lb. Index

Document Insertion Unit-B1▲ (Optional)

Paper Sizes:	Letter-R to 11" x 17"
Paper Weights:	17 lb. Bond to 110 lb. Index
Feeder Capacity:	Letter, Letter-R: 100 Sheets
	Legal, 11" x 17": 50 Sheets

Paper Folding Unit-C1▲ (Optional)

Paper Size:	11" x 17" Only
Paper Weights:	17 lb. Bond to 22 lb. Bond
Fold Type:	Z-fold

Booklet Trimmer-A1▲ (Optional)

Sheet Capacity:	30 Sheets (60 Pages)
Stack Capacity:	2,000 Pages
Dust Capacity:	2,000 Pages

Network Multi-PDL Printer Kit-B3 (Optional)

PDL Support:	PostScript® 3 Emulation
	PCL 5e, PCL 6
Interface Connections:	RJ-45 (10/100Base-T)
	IEEE 1284
	Token Ring (Optional Card)■
Protocol Stacks:	Ethernet
	IPX/SPX™: 802.2, 802.3
	Ethernet II, 802.2 SNAP
	TCP/IP
	AppleTalk Phase II
Network OS:	Novell® NetWare® v3.2, 4.1, 4.11, 4.2, 5, 5.1
	Windows® 95/98/Me
	Windows NT® 4.0/2000/XP
	Solaris™ 1.x, 2.5 or Later*
	Apple System 7.5 or Higher
Print Service:	NDPS, Port 9100, IPP
Additional Functions Supported:	Remote UI, NetSpot

Canon imagePASS-M1 Print Controller■ (Optional)

Hardware:	External Stand-alone Controller
Processor:	Intel Mobile Pentium III 500MHz
Memory:	128MB DIMM
Storage:	10.2GB Hard Disk Drive
PDL Support:	Adobe PostScript 3
	PCL 5e, PCL 6, PJL
Interface Connections:	RJ-45 (10/100Base-T)
	IEEE 1284
	Token Ring (Optional Card)
Protocol Stacks:	Ethernet
	IPX/SPX: 802.2, 802.3
	Ethernet II, 802.2 SNAP
	TCP/IP
	AppleTalk: 802.2 SNAP and AppleTalk Phase II
Network OS:	Novell NetWare v3.2, 4.1, 4.11, 4.2, 5, 5.1
	Windows® 95/98/Me
	Windows NT® 4.0/2000/XP
	Solaris 1.x, 2.5 or Later*
	Apple System 8.6 or Higher
Print Service:	NDPS, Port 9100, IPP
Additional Functions Supported:	Remote UI, NetSpot (except Job Monitor)
Additional Functions Standard:	Command WorkStation, Fiery® Downloader,™ Fiery Link,™ WebTools™

* Please check with your local Canon-authorized Dealer for availability.

▲ The Document Insertion Unit-B1, the Paper Folding Unit-C1, and the Booklet Trimmer-A1 can only be used with the Saddle Finisher-K3N.

■ The imageRUNNER 85 is not Energy Star-compliant when attached to the optional Token Ring Adapter on the Network Multi-PDL Printer Kit-B3, or the optional imagePASS-M1 Print Controller.

Dimensions Table

	Dimensions (H x W x D)	Weight	Power
imageRUNNER 85 Main Unit	39-5/8" x 30-1/8" x 31-3/8" (1005mm x 764mm x 795mm)	546.7 lb. (248kg)	208V, 60Hz, 12A
Finisher-K1N	39-1/4" x 26-1/4" x 29-1/8" (995mm x 667mm x 738mm)	141 lb. (64kg)	Directly from Main Unit
Finisher-K2N	39-1/4" x 26-1/4" x 29-1/8" (995mm x 667mm x 738mm)	145 lb. (66kg)	Directly from Main Unit
Saddle Finisher-K3N	39-1/4" x 31-5/8" x 29-1/8" (995mm x 803mm x 738mm)	280 lb. (127kg)	Directly from Main Unit
Paper Deck-M1	22-5/8" x 12-3/4" x 23" (574mm x 323mm x 583mm)	90.3 lb. (41kg)	Directly from Main Unit
Document Insertion Unit-B1	5-5/8" x 22-1/8" x 23" (144mm x 561mm x 584mm) (with Auxiliary Tray Opened)	35 lb. (16kg)	Directly from Main Unit
Paper Folding Unit-C1	39-1/4" x 7-1/4" x 26-5/8" (995mm x 184mm x 675mm)	108 lb. (49kg)	Directly from Main Unit
Booklet Trimmer-A1	22" x 44" x 24" (560mm x 1118mm x 610mm)	149 lb. (68kg)	120V, 3A
imagePASS-M1 Print Controller	14" x 6-3/8" x 11" (355mm x 162mm x 279mm)	11.6 lb. (5.3kg)	110-240V, 1A

Specifications are subject to change without notice.

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www.usa.canon.com

Canon U.S.A., Inc.
One Canon Plaza
Lake Success, NY 11042