SAVIN®

9040b/9040
9050b/9050
Digital Imaging System

The everyday black & white powerhouse with color scanning capabilities.

All the Resources You Need in One System.

Wouldn't it be nice if you could expand your digital imaging resources without expending your budget? The Savin 9040b/9040 & 9050b/9050 Digital Imaging Systems let you do exactly that. Now you'll have the flexibility to maximize production with output speeds of up to 50 pages per minute, conserve IT resources with advanced network printing and monitoring capabilities, and save time and money with Super G3 and Internet faxing.

Confidentiality is ensured with unsurpassed security, and documents are finished easily and professionally. These systems also streamline document distribution with the color/black & white scanning capabilities of the Savin 9040 & 9050, and the black & white scanning capabilities of the 9040b & 9050b.

The large, 8.5-inch color touch panel lets you choose from normal or simplified display for maximum visibility and easier operation.

www.savin.com

The Resources You Need to Drive Productivity.

The fastest way to get more done is to have the right resources at your fingertips. The Savin 9040b/9040 & 9050b/9050 systems easily put functionality and flexibility within your reach:

- Boost production with up to 50 black & white copies/prints per minute.

- Take advantage of cost-free document distribution, storage and versatile scanning capabilities with the Savin 9040b/9040 & 9050b/9050.

- Save time with up to three Super G3 fax lines and eliminate long-distance phone charges with Internet fax capabilities.

- Impress internal and external customers with crisp 600 dpi resolution and 256 gray scale levels.

- Increase your processing and storage capabilities with up to 768 MB RAM and 40 GB Hard Disk Drive.

- Put the final touch on your documents with three different finishing options, any one of which will add a professional touch to your documents.

Scanning: The New Standard of Convenience.

A variety of sophisticated yet user-friendly scan functions makes document distribution cost-free and convenient.

- Eliminate postage and overnight delivery costs via Scan-to-Email, with the color/black & white scanning capabilities of the 9040/9050 and the black & white scanning capabilities of the 9040b/9050b. Plus, access your company's LDAP Directory to maximize the use of existing company information and ensure accuracy.

- Maintain the image quality of PDFs while reducing their file size using the High Compression PDF function.

- Save physical space and time when you convert paper copies to electronic files and store them in a network folder with Scan-to-Folder—you no longer have to detach documents and save them electronically. Not only will you be able to easily find and retrieve files, but designated users on your LAN or WAN can access, review and update the files as well.

- Ensure that you've captured documents accurately using the Thumbnail View.

- Reduce the burden to network traffic and transmit more efficiently with Scan-to-URL, which stores the document on the Hard Disk Drive of the device. Recipients can then view and download the files from any Web browser.

Intuitive Tools to Maximize Efficiency.

The Savin suite of easy-to-use software utilities simplify system management, monitoring and troubleshooting—everything needed to ensure smooth daily operation.

- Web Image Monitor enables Web access to system settings, address book and much more.

- To efficiently manage multiple, connected Savin devices, Web SmartDeviceMonitor allows centralized configuration, monitoring and management.

- Regardless of location, On-demand Status E-mail Notification enables IT to query the device for important system reports.

- To maximize uptime, Auto E-mail Notification sends a report to a designated e-mail address when the machine is not operating at optimum performance levels. For instance, when the toner is low.

Full-Color Scanning

Full-color scanning achieves maximum impact and captures your customers' attention in ways that black & white cannot. (Not available on 9040b/9050b models.)

Scan-to-URL

Scan-to-URL improves information sharing in your organization while minimizing network traffic.

More Productive Printing.

The Savin 9040b/9040 & 9050b/9050 Series works seamlessly with today's most popular operating systems and print drivers.

- Accept data from Windows®, AS/400, Linux, Macintosh® and Novell® for seamless integration with a variety of network operating systems.

- Finish documents quickly via an icon-based Graphical User Interface using the Refined Print Command Stream (RPCS) print driver.

- Output documents generated from the most common business applications with PCL5e/6 print drivers or genuine Adobe® PostScript®3™.

- Reorder print and copy jobs according to the most pressing priorities with the Job Function List.

- Use PDF Direct Print to print PDFs quickly without opening an application and slowing down your network.

- Improve security by password protecting your print files until you release them right at the system. You can even print and delete multiple documents in a single operation.

Time- and Money-Saving Fax Features.

Fax more conveniently and economically with these innovative fax capabilities:

- Send hard copies at a quick 2 seconds per page on up to three analog lines via the Super G3 Modem and standard JBIG compression.

- Save time and paper with LAN Fax and send faxes right from your desktop.

- Capitalize on the cost-saving benefits of IP faxing (T.38) for fast, high quality communication: send and receive faxes directly over your LAN or WAN, bypassing your PSTN (Public Switched Telephone Network).

- Deliver inbound faxes quickly by auto-matically forwarding them to e-mail addresses or network folders. Recipients receive an automatic e-mail notification of fax deliveries.
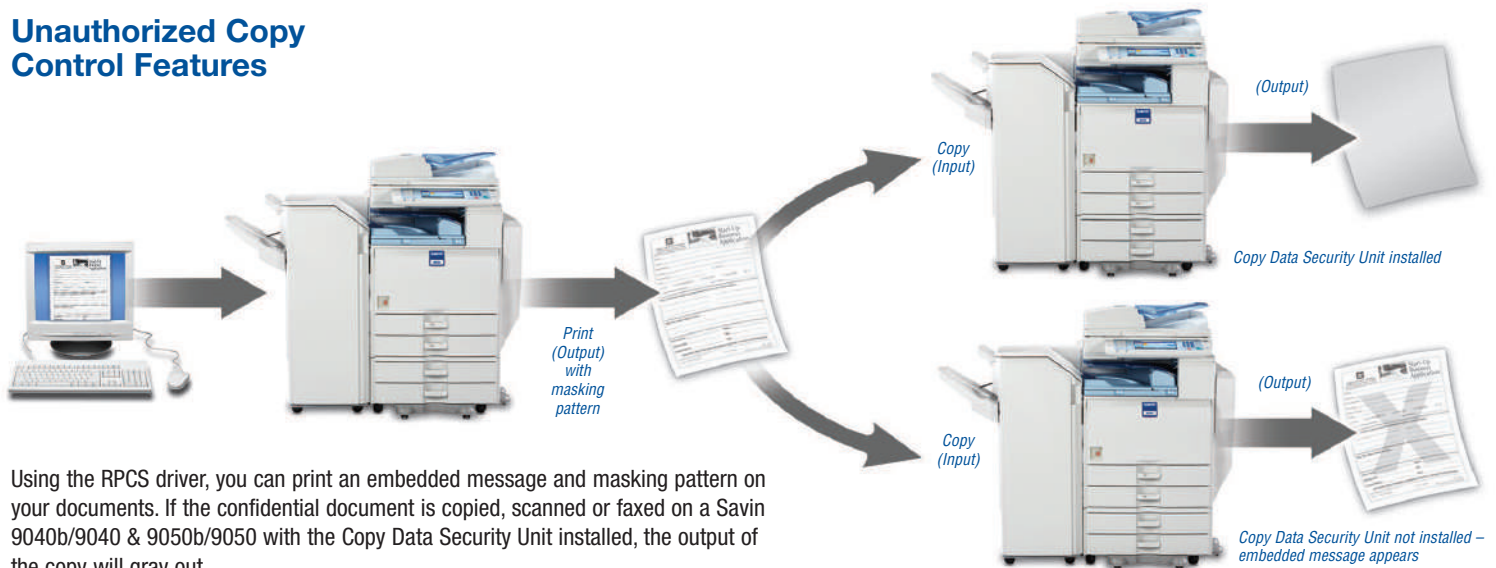
Security Every Step of the Way.

Sophisticated security features protect not only you, but also your customers, business partners and employees with the Savin 9040b/9040 & 9050b/9050.

- Prevent unauthorized access to system functions with Windows/LDAP/Kerberos Authentication, which requires a valid user name and password.

- Ensure unauthorized documents are never duplicated with the optional Copy Data Security unit, which grays-out text when copied.

- Protect temporary data stored on the Hard Drive with DataOverwriteSecurity, which overwrites latent copy, print, scan, fax and Document Server data.

- Protect address book data with Encrypted Address Book, which protects data even if the built-in hard drive is removed, disposed of, or stolen.

- Secure Internet Protocol (IP) communication by authenticating and/or encrypting each IP packet in a data stream with IPsec Communication and transmit PDFs securely with Encrypted PDF Transmission.

- Encrypt Hard Disk Drive and non-volatile RAM data immediately upon storage with the HDD Data Encryption.

Unauthorized Copy Control Features

Print (Output) with masking pattern

Copy (Input)

(Output)

Copy Data Security Unit installed

Copy (Input)

(Output)

Copy Data Security Unit not installed – embedded message appears

Using the RPCS driver, you can print an embedded message and masking pattern on your documents. If the confidential document is copied, scanned or faxed on a Savin 9040b/9040 & 9050b/9050 with the Copy Data Security Unit installed, the output of the copy will gray out.
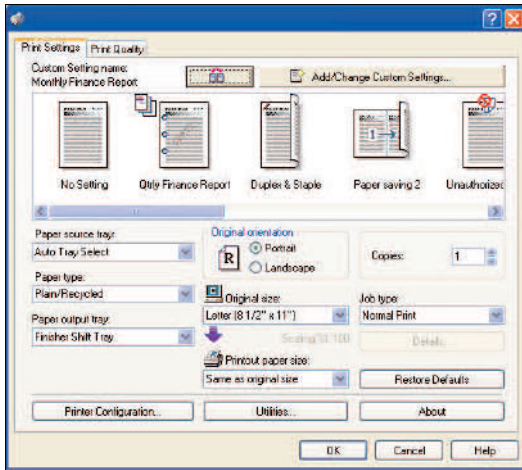
Process jobs quickly and easily when you save special settings with the Refined Print Command Stream icon-based print driver.
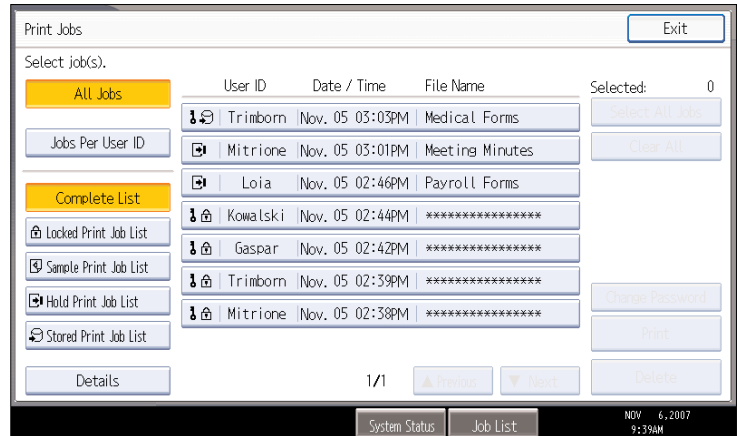
The Hold/Locked/Stored Print functions let you hold your documents securely in the device until you're ready to print them.

Technology to Empower Your Business.

@Remote

At Savin, we're committed to helping you achieve your goals for reducing overall Total Cost of Ownership, optimizing fleet management and ultimately increasing employee productivity. The @Remote Intelligent Management System is a powerful tool that offers Device Management solutions for…

• Automating service call procedures, eliminating the need for end-users to initiate service calls. If a service call is required, the @Remote network appliance automatically places a request for service—including detailed and accurate diagnostic information.

• Upgrading and adjusting your devices via remote firmware applications, which means that your devices will always be functioning within the most current and productive operational parameters.

• To ensure that your devices are constantly up and running, alerts can be sent, such as a low toner warning.

User-Friendly Accessibility.

The Savin 9040b/9040 & 9050b/9050 systems not only give you more functionality, but also make their powerful features more accessible to all users.

• Open and close paper trays effortlessly with overhand/underhand grips.

• Increase readability with the Simplified Display.

• Scan more comfortably with the optional detachable scanner, which can be placed at table height.

Open Architecture.

Embedded Software Architecture

The Savin Embedded Software Architecture—an innovative Java (J2ME-compatible) software development platform—allows for the development of key applications that run on the Savin 9040b/9040 & 9050b/9050.

• Dramatically enhance your organization's workflow.

• Customize to meet your needs by controlling features such as the operation panel, printing, saving files and scanning.

Your Environmental Partner

Savin continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, including:

• Quick Start-Up (QSU) Technology

• Power-Saving Sleep Mode

• Duplex and Combine Copy Modes

• Internal Toner Recycling Mechanism

• Low Noise Levels

• Minimal Ozone Emissions

• Restriction of Hazardous Substances (RoHS) Compliant

Our earth, Our tomorrow

CHANGE FOR THE BETTER WITH ENERGY STAR

The speed, printing, scanning, faxing and finishing you want in one user-friendly system.

100-Sheet Automatic Reversing Document Feeder (ARDF) (Standard)
Efficiently handles multi-page and double-sided originals up to 11" x 17".

Inner One-Bin Tray (Optional)
Provides a cost-effective option to separate copy output from prints or faxes.

Easy-to-Replace Toner Cartridge
Toner is not only easy to replace but offers high image definition, yielding superior quality on every page.

Over/Underhand-Grip Tray Handles and Easy-Open Trays
Ensure effortless paper loading for all users.

Finishers (Optional)
Choose from a variety of professional finishing options that lets you keep more work in-house, boost productivity and cut your outsourcing costs:

1,000-Sheet Finisher
Holds up to 1,000 sheets of 8.5" x 11" or smaller, 20 lb. Bond (500 sheets of 8.5" x 14" or larger) and automatically staples in three different positions.

2,000-Sheet Booklet/Saddle Stitch Finisher (Shown)
Automatically staples and punches (optional) your work to produce professional-quality booklets with a variety of staple and hole positions (2 or 3 holes).

3,000-Sheet Multi-Tray Finisher
Multiplies your productivity, convenience and versatility with high capacity trays and optional 2- or 3-hole punching and stapling in a variety of positions on a wide selection of paper weights and sizes.

Intuitive Control Panel
Full-color VGA display with graphic icons and animated guidance for easy programming.

Automatic Stackless Duplexing (Standard)
Produces cost-saving two-sided booklets, brochures, agendas, and more.

100-Sheet Stack Bypass
Holds a variety of paper types and weights up to 58 lb. Bond.

Large Capacity Tray (Optional)
Holds an additional 1,200 letter-sized sheets to optimize workflow and keep user intervention on large jobs at an absolute minimum.

Dual 550-Sheet Paper Trays (Standard)
Further boost your productivity and efficiency by keeping day-to-day maintenance to a minimum.

Two 550-Sheet Tray Paper Bank (Optional)
Up to five different sizes and orientations of paper can be loaded at all times for maximum versatility.

2,000-Sheet (Letter-Sized) Large Capacity Tray also available.

Document Server (Requires Hard Disk Drive)
Document Server is a secure, virtual filing cabinet that stores up to 3,000 documents. Frequently used documents can be reprinted, refaxed and rescanned.
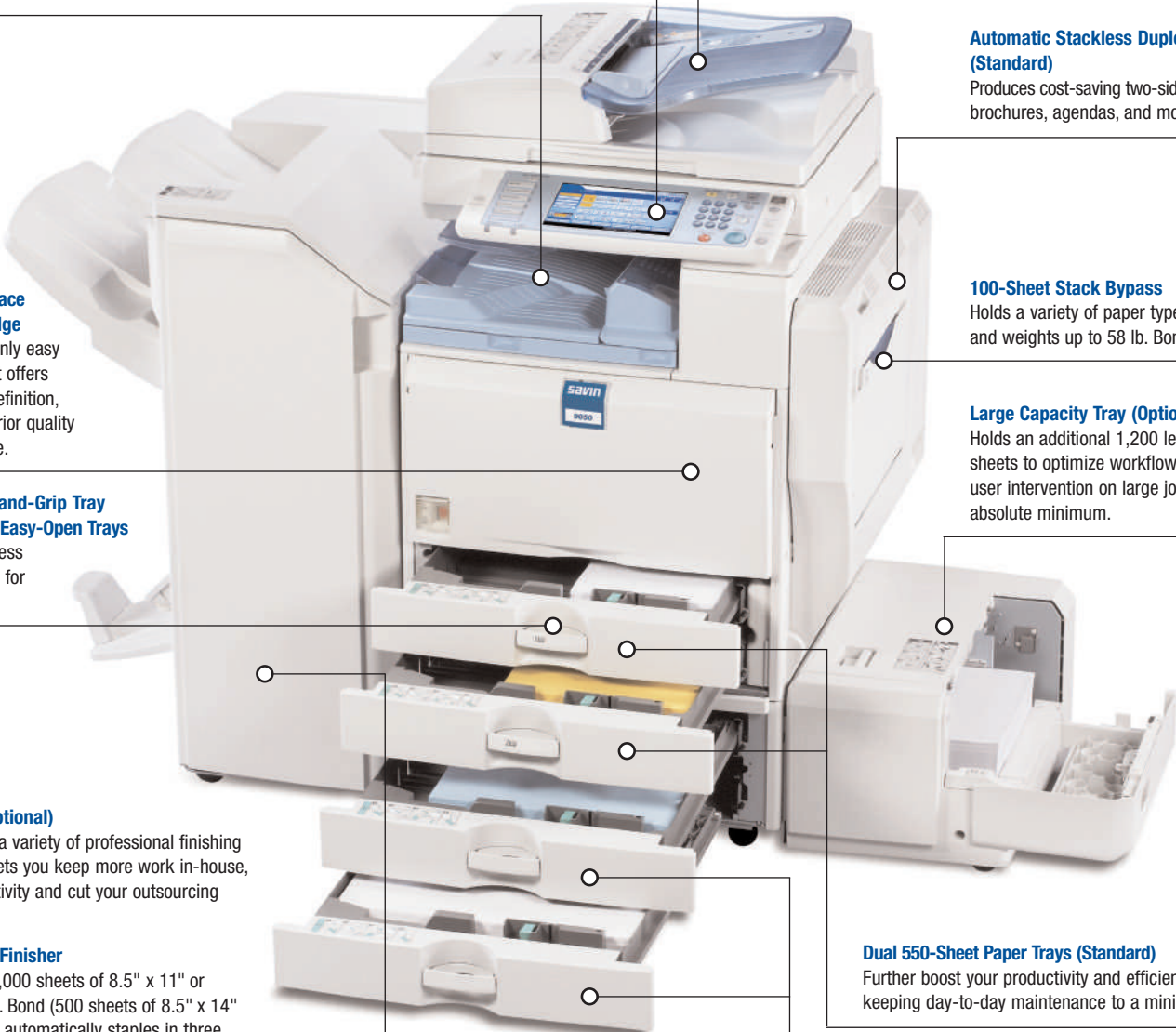
Choose Your Finishing Options

1,000-Sheet Finisher

Booklet/Saddle Stitch Finisher
holds up to 2,000 sheets

Multi-Tray Finisher
holds up to 3,000 sheets

Choose Your System Configuration

9040b/9050b
For robust copying and a flexible upgrade path to black & white scanning, printing and faxing.

9040sp/9050sp
For exceptional black & white printing and color and black & white scanning.
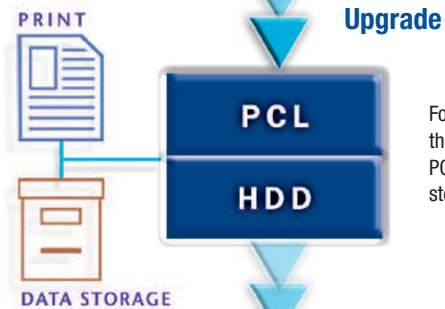
9040spf/9050spf
For a complete document management system with printing, faxing, color and black & white scanning in a single, compact device.

Flexible Upgrade Path (9040b/9050b)

PRINT — RPCS — 256 MB

For a low-cost network printer, where a specific printer language is not required, start with Savin's RPCS printer unit.

Upgrade

PRINT — PCL — HDD — DATA STORAGE

For the next step up, add the Printer Enhance and get PCL printing and document storage capabilities.

Upgrade

PRINT — SCANNER — DATA STORAGE — SCAN
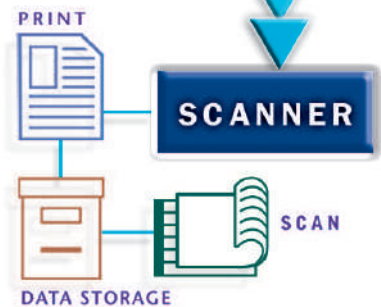
For a device that can send cost-free documents electronically anywhere in the world, simply add the Scanner Enhance for black & white scanning.

For an all-inclusive solution, a Printer/Scanner Kit is also available.

ENGINE/COPIER SPECIFICATIONS

Configuration	Console
Scanning Element	Flatbed with Moving CCD Array Image Sensor
Printing Process	Twin Laser Beam Scanning & Electrophotographic Printing
Toner	Dry, Dual Component
System Memory (std./max.)	9040/9050: 768 MB RAM 9040b/9050b: 256/512 MB RAM
Hard Disk Drive	9040/9050: 40 GB Standard 9040b/9050b: 40 GB Optional
Document Feeder	100-Sheet ARDF (Standard)
Copy Resolution	600 x 600 dpi
Grayscale	256 levels
Exposure Adjustment	Manual & Automatic (Standard)
Quantity Indicator	Up to 999
Original Type	Book/Sheet
Maximum Original Size	Up to 11" x 17"
Copy Size	5.5" x 8.5" to 11" x 17"
Copy Type	Plain Paper, Transparencies, Recycled Paper, Card Stock, Letterhead
Warm-Up Time	13 seconds
First Copy Speed	9040b/9040: 4.1 seconds 9050b/9050: 3.5 seconds
Continuous Copying Speed	9040b/9040: 40 copies/minute (LTR) 9050b/9050: 50 copies/minute (LTR)
Recovery Time	10 seconds (from Auto Off)
Power Source	120V/60Hz
Dimensions	26.4" (W) x 35.8" (H) x 26.6" (D)
Weight	187.4 lbs.
Standard Paper Capacity	550 sheets x 2 trays 100-Sheet Bypass Tray
Optional Paper Capacity	550 sheets x 2 trays OR 2,000 x 1; 1,200-Sheet Large Capacity Tray (LCT)
Paper Size	5.5" x 8.5" to 11" x 17"
Paper Weight	Tray 1 & 2: 16 - 45 lb. Bond/60 - 169 g/m² Bypass: 14 - 58 lb. Bond/52 - 220g/m² Duplex: 16 - 45 lb. Bond/60 - 169g/m²
Reduction Ratios	25%, 50%, 65%, 73%, 78%, 85%, 93%
Enlargement Ratios	121%, 129%, 155%, 200%, 400%
Zoom	25% to 400% in 1% increments
Standard Features	Auto Magnification, Auto Paper Select, Auto Tray Switch, Center/Border Erase, Chapters, Combine Mode, Cover Insertion, Date Stamp, Directional Magnification, Double Copy, Electronic/Rotate Sorting, English Preset Stamps, Full-Color VGA Touch Screen, 10 Job Programs, Negative/Positive, OHP Slip Sheet, Page Number Stamp, Paper Designate, Sample Copy, Simplified Display, 500 User Codes
Requires Hard Disk Drive	Background Numbering, Booklet/Magazine Copy, Document Server (3,000 File Capacity), 8 Job Presets, Series Copy, User Stamps

PRINTER SPECIFICATIONS (STANDARD)*

Print Speed	9040b/9040: 40 ppm 9050b/9050: 50 ppm
CPU	RM7035C-533 MHz
Standard Interfaces	10BaseT/100BaseTX, USB 2.0
Optional Interfaces	IEEE 802.11a/b/g Wireless LAN, Bluetooth, Gigabit Ethernet, IEEE 1284
Memory Capacity	Shared with Copier Memory
Network Protocol	TCP/IP, IPX/SPX, AppleTalk
Network Operating Systems	Windows Vista/2000/Me/XP/Server 2003, Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5, UNIX; Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, IBM AIX, Mac OS 8.6 - 9.2x, OS X 10.1 or later, SAP R/3, NDPS Gateway, IBM iSeries/AS/400 using OS/400 Host Print Transform, Citrix Metaframe
Utilities	Web SmartDeviceMonitor, SmartDeviceMonitor, Web Image Monitor, DeskTopBinder V2 Lite

Page Description Languages	Standard RPCS and PCL 5e/6 and Optional Adobe PostScript3
Print Resolution	Up to 600 dpi (2400 x 600 dpi with smoothing)
Fonts for PCL 5e/6	35 Intellifonts, 10 Truetype Fonts, 1 Bitmap, 13 International Fonts
Fonts for PS3	136 PostScript Fonts
Standard Features (Hard Disk Required)	Sample/Locked/Hold/Stored Print
Optional Features	PDF Direct Print

SCANNER SPECIFICATIONS (STANDARD)*

Scanning Speed	BW: 50 ipm (@200 dpi); FC: 29 ipm (@200 dpi)
Scanning Resolution	Up to 600 dpi
Grayscale	256 levels
Scan Area	Up to 11" x 17"
Standard Interfaces	10BaseT/100BaseTX Ethernet
Optional Interfaces	Wireless LAN (802.11a/b/g), Gigabit Ethernet
Protocol	TCP/IP, SMTP, SMB, FTP, POP3, NCP
Memory Capacity	Shared with Copier Memory
Standard Features	Embedded Scan-to-Email, HDD, Folder, URL
File Formats	Single-Page and Multi-Page TIFF, PDF, High Compression PDF, Single-Page JPEG

Note: Color Scanning, Color Dropout and High Compression PDF are not available on the 9040b/9050b models.

FAX SPECIFICATIONS (OPTION)

Circuit	PSTN, PBX
Compatibility	ITU-T G3
Resolution	200 x 200/100 dpi (Standard) 400 x 400 dpi (Optional)
Compression Method	MH, MR, MMR, JBIG
Scanning Speed	0.40 seconds (LEF)
Modem Speed	33.6 Kbps with Auto Fallback
Transmission Speed	G3: 3 seconds per page (MMR Compression) G3: 2 seconds per page (JBIG Compression)
Memory	4 MB standard (320 pages) 28 MB maximum (2,240 pages)
Memory Backup	1 hour
Auto Dials	2,000 (with HDD)
Group Dials	100 (max. 500 numbers per group)
ID Code Programming	4 digits
User Function Key	3 keys
Standard Features	Dual Access, Image Rotation, LAN-Fax Capability*, Internet Faxing (T.37)*, IP Faxing (T.38)*, Fax Forwarding to E-mail/HDD/Folder*
Optional Features	Simultaneous operation of up to 3 lines (G3 x 3)

Note: Faxing is standard on the 9040spf/9050spf models.

SECURITY FEATURES (STANDARD)*

S/MIME, IPsec Communication, Locked Print Password Encryption, Encrypt Address Book, SSL Secure Socket Layer, Windows/LDAP/User Authentication, SNMP v3, Encryption of Password PDF, Encrypted PDF

ONE-BIN TRAY BN3040 (OPTION)

Paper Size	5.5" x 8.5" - 11" x 17"/A3 - A5
Paper Weight	16 to 28 lb. Bond/60 - 196 g/m²
Paper Capacity	125 sheets

SR790 FINISHER (OPTION)

Paper Size	5.5" x 8.5" - 11" x 17"/A5 - A3
Paper Weight	14 to 68 lb. Bond/52 to 260g/m² (Proof Tray) 14 to 43 lb. Bond/52 to 163g/m² (Shift Tray)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Shift Tray: 1,000 sheets (8.5" x 11" or smaller) 500 sheets (8.5" x 14" or larger)
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Position	1 staple/2 positions; 2 staples/1 position
Dimensions	10.7" (W) x 20.5" (D) x 31.2" (H)

SR3020 BOOKLET FINISHER (OPTION)

Paper Size	5.5" x 8.5" - 11" x 17"
Paper Weight	14 to 43 lb. Bond/52 to 163g/m² (Proof Tray) 14 to 68 lb. Bond/52 to 256g/m² (Shift Tray)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Shift Tray: 2,000 sheets (8.5" x 11") LEF 1,000 sheets (8.5" x 11" - 11" x 17") SEF 100 sheets (5.5" x 8.5")
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Position	1 staple/3 positions; 2 staples/2 positions
Saddle Stitch	30 sets (2 - 5 sheets) 15 sets (6 - 10 sheets) 10 sets (11 - 15 sheets)
Dimensions	25.8" (W) x 24.2" (D) x 37.8" (H)

SR3030 FINISHER (OPTION)

Paper Size	5.5" x 8.5" - 11" x 17"
Paper Weight	14 to 43 lb. Bond/52 to 163g/m² (Proof Tray) 14 to 68 lb. Bond/52 to 256g/m² (Shift Tray)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Shift Tray: 3,000 sheets (8.5" x 11") LEF 1,500 sheets (8.5" x 11" - 11" x 17") SEF
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Position	1 staple/3 positions; 2 staples/1 position
Dimensions	25.8" (W) x 24.2" (D) x 37.8" (H)

RT3000 LARGE CAPACITY TRAY (OPTION)

Paper Size	8.5" x 11"/A4
Paper Weight	16 to 45 lb. Bond/60 - 169 g/m²
Paper Capacity	1,200 sheets x 1
Dimensions	13.7" (W) x 21.3" (D) x 11.4" (H)

PB3040 PAPER FEED UNIT (OPTION)

Paper Size	5.5" x 8.5" - 11" x 17"/A5 - A3
Paper Weight	16 to 45 lb. Bond/60 to 169g/m²
Paper Capacity	550 sheets x 2
Dimensions	22.8" (W) x 24.4" (D) x 10.2" (H)

PB3050 LARGE CAPACITY TRAY (OPTION)

Paper Size	8.5" x 11"/A4
Paper Weight	16 to 45 lb. Bond/60 to 169g/m²
Paper Capacity	2,000 sheets x 1
Dimensions	22.8" (W) x 24.4" (D) x 10.2" (H)

ADDITIONAL OPTIONS FOR 9040b/9040/9050b/9050

Bluetooth Interface Unit Type 3245, Bridge Unit Type BU3030, Copy Data Security Unit Type F, DOSS Type I, FAC33 Cabinet, Fax Type 5000, File Format Converter Type E, G3 Interface Type 5000, Gigabit Ethernet Board Type A, Handset Type 1018, HDD Encryption Unit Type A, IEEE 1284 Interface Board Type A, IEEE 802.11a/b/g Interface Unit Type J, Java VM Card Type F, Key Counter Bracket Type H, Optional Counter Interface Type A, PostScript3 Type 5000, Punch Kit Type 3260 (for SR3020 & SR3030), Scanner Accessibility Option Type 4045, 32 MB Fax Memory

ADDITIONAL OPTIONS FOR 9040b/9050b MODELS ONLY

Hard Disk Drive Type 5000, Printer Enhance Type 5000, Printer/Scanner Unit Type 5000, RPCS Printer Unit Type 5000, Scanner Enhance Type 5000

*Options for Savin 9040b/9050b