



C2525/C3030 C3535/C4540

Color Multifunctional Systems

PRINT >

COPY >

SCAN >

FAX >

COLOR >



**All the choices for maximum
productivity—anywhere.**

Maximize your document capabilities.

Color is rapidly becoming the standard for high-profile business documents, and organizations are rushing to make it available. Savin is a leader in this new business paradigm, with a full line of color and black & white multifunctional devices. So now you can get the finished documents you need to drive your organization forward: high-quality black & white or stunning full-color, with no drop off in speed or productivity. That's because the Savin C2525/C3030 & C3535/C4540 Series prints color and black & white documents at the same speeds.*



The touch-panel display is a full-color LCD that makes ease of use the top priority, including larger and brighter font sizes that are easier to see.

Plus, you get all the tools you need to share your documents the way you want: by print, copy, fax or e-mail. All of this in an easy-to-operate system that includes sophisticated security and impressive finishing options. The results: maximum performance and maximum impact, anywhere in your office.

C2525/C3030 & C3535/C4540 Color Multifunctional Systems

PRINT >

COPY >

SCAN >

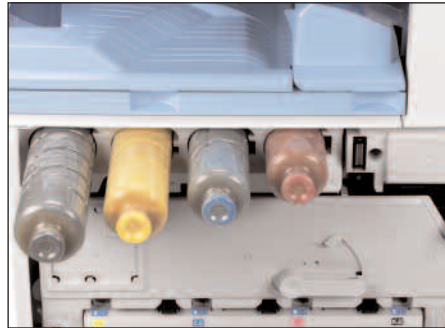
FAX >

COLOR >

Maximize ease of use.

Users are often intimidated by the choices they face with today's multifunctional systems. The Savin C2525/C3030 & C3535/C4540 Series has been simplified to make operation user friendly and intuitive in every aspect.

- Loading paper trays is simple and fast with Savin's easy-grip handles—you can even load paper in the middle of a print job.
- A full range of connectivity choices, including standard Ethernet and USB 2.0 and optional wireless capabilities, make you instantly productive right from the start.
- Support for multiple print drivers ensures that your documents are processed no matter which program they're created in.
- Accessing device functions is easier than ever with the Scanner Accessibility Option, which allows you to detach the scanner on the Savin C3535/C4540, lowering the profile of the system.



Changing toner is so easy it can be done with one hand.

Maximize productivity.

The Savin C2525/C3030 & C3535/C4540 Series features the speed and productivity you need to meet today's tight deadlines and expanding expectations.

- Eliminate waiting for that often-critical first print: Short warm-up and first-copy-out times ensure almost instant response between the moment you click "print" and the moment your work appears finished in

the output tray. Combine that with output speeds up to 45 pages per minute, and you'll soon realize that having the option of printing high-quality black & white or full-color documents is just another part of your workday.

- Cut scanning times, too: With its remarkable high-speed scanning capabilities, the Savin C2525/C3030 & C3535/C4540 Series can also dramatically reduce the time you spend scanning documents, which makes file sharing easy and cost free.
- Boost the efficiency of your network communications: Optional PDF Direct Print streamlines your network by letting you send PDF files right to the system.
- Select the right amount of processing power and memory to meet your unique application and storage needs.



Print both black & white and full-color documents at the same speeds, boosting the readability and impact of your work.*

*The Savin C4540 prints 45 ppm black & white and 40 ppm in color.

Maximize impact.

Color documents have more impact and create a more professional image for your organization. With the Savin C2525/C3030 & C3535/C4540 Series, producing color documents is as fast and easy as black & white, so now all your documents can get the benefits of color.

- Dedicated color output devices or expensive outside resources are no longer necessary to produce full-color documents.
- Engineered with Savin's latest PxP™ Toner technology, these systems establish nothing less than a new quality benchmark for your business color needs.

Maximize document distribution.

Whether you need to copy, print, scan or e-mail in black & white or in full color, and whether your documents are stapled, hole-punched or saddle-stitched, the Savin C2525/C3030 &

C3535/C4540 Series can finish and distribute your work the way you want—allowing you to keep more jobs in-house, cutting your costs and improving your productivity.

- A 3,100-sheet, high-capacity paper supply maximizes the time between refills, further enhancing productivity.
- Print flexibility extends to a wide variety of paper weights: All the way up to 140 lb. Index in the bypass and up to 120 lb. Index in the trays, bolstering your in-house capabilities and reducing outsourcing.
- Scanning is so simple it could open efficient avenues of document distribution that you haven't even considered. For example, with Savin's *Scan-to* capabilities you can share documents with anyone who has an Internet connection.
- Optional faxing functions save time and cut costs by giving you the power to fax directly from your PC, or search your company

directory so you can fax with your existing e-mail addresses.

- A variety of professional finishing options allow you to produce hole-punched, folded and even saddle-stitched output:
 - Outfit the Savin C2525/C3030 with either a 1,000-Sheet Finisher with traditional stapling, a 1,000-Sheet Finisher with booklet finishing or a 500-Sheet Finisher for smaller jobs.
 - Configure the Savin C3535/C4540 with either a 1,000-Sheet Finisher, 2,000-Sheet Booklet Finisher or 3,000-Sheet Finisher.
- Savin's powerful Document Server acts as an on-site virtual library where you can store documents and retrieve them instantly for re-printing, re-faxing, editing, and more.
- The Savin C2525/C3030 & C3535/C4540 Series is so versatile, it even lets you print directly from a digital camera: Simply connect a camera to the printer and output your photos in seconds.

Maximize your finishing choices.

Choose from several high-capacity Finishers with multi-position stapling and/or hole punching, and even produce saddle-stitched, folded booklets in-house.



C2525/C3030 & C3535/C4540 Color Multifunctional Systems

PRINT >

COPY >

SCAN >

FAX >

COLOR >



The Savin C2525/C3030 & C3535/C4540 Series can print, copy, scan, fax, store and distribute your documents almost anywhere, maximizing your effectiveness.

Maximize document management and security.

The advanced Savin C2525/C3030 & C3535/C4540 Series also handles your real-world concerns about management and security.

- Standard utilities such as Web Image Monitor and SmartDeviceMonitor make managing your system easy and efficient. Administrators can view job queues, check supply levels, adjust network settings, modify user rights, and more—right from their desktops.
- Sophisticated security features, such as User Authentication and restricted color usage, give you control over access to system capabilities and protect even your most sensitive and proprietary information at every point in the document distribution process.

Maximize your results in either black & white or full-color with the Savin C2525/C3030 & C3535/C4540 Series.

For more information, see your Savin dealer.

Your Environmental Partner

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

- Power-saving Sleep Modes
- Duplex and Combine Copy Mode
- Toner Recycling
- Low Noise Levels
- Minimal Ozone Emissions
- RoHS (Restriction of Hazardous Substances) Compliant



Choose the speed, volume and finishing options you need to maximize your results.

50-Sheet Automatic Reversing Document Feeder (Standard on the C2525/C3030)

A standard 50-Sheet Automatic Reversing Document Feeder boosts the capabilities of the Savin C2525/C3030.

100-Sheet Automatic Reversing Document Feeder (Standard on the C3535/C4540)

A standard 100-Sheet Automatic Reversing Document Feeder boosts document throughput on the Savin C3535/C4540.

Inner One-Bin Tray – Optional

Optional Inner One-Bin Tray provides a cost-effective option to separate outputs from different system functions.

Internal Shift/Sort Tray – Optional on the C2525/C3030 only

This option installs and takes the place of the standard output tray and provides the ability to offset-stack each set to make multi-set separation easier (not pictured here).

Intuitive Control Panel

Full-color LCD operation panel offers an enlargeable display with graphic icons and animated guidance screens for easy job programming.

Automatic Stackless Duplexing – Standard

Standard Automatic Stackless Duplexing produces two-sided booklets, brochures, agendas, and more.

Two 500-Sheet Paper Trays and Bypass – Standard

Standard dual front-loading, 500-Sheet Paper Trays and a 100-Sheet Stack Bypass provide 3-way, 1,100-sheet capacity on all models.

Two-Tray Paper Bank – Optional

An optional Two-Tray Paper Bank maximizes versatility by allowing you to output onto 5 different sizes and orientations of paper.

Large Capacity Tray – Optional

A 2,000-Sheet Tandem Drawer option boosts productivity for letter-sized jobs with load-while-run capability (not pictured here).

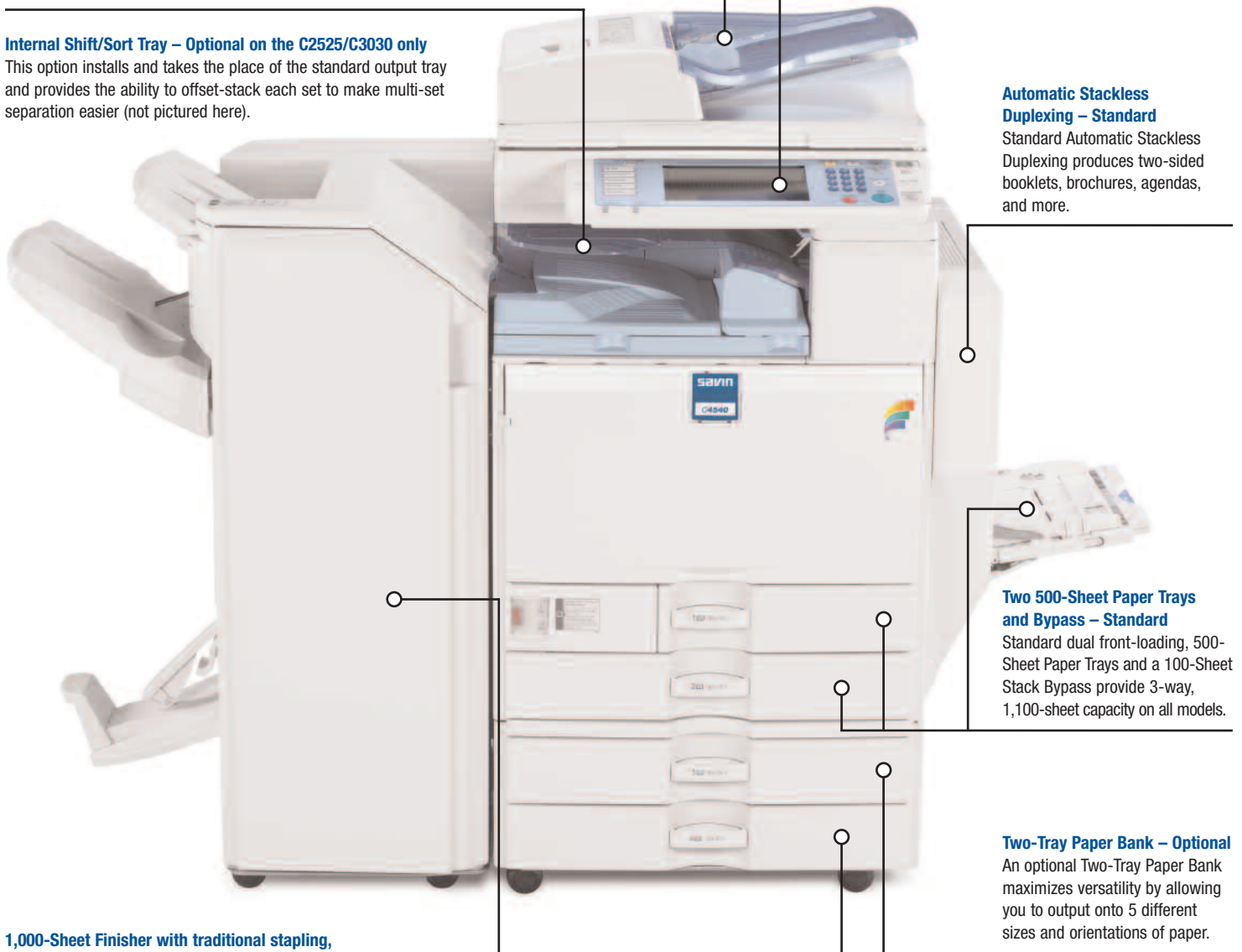
1,000-Sheet Finisher with traditional stapling, 1,000-Sheet Booklet Finisher and 500-Sheet Finisher

The Savin C2525/C3030 can be equipped with either a 1,000-Sheet Finisher with traditional stapling, a 1,000-Sheet Finisher with booklet finishing or a 500-Sheet Finisher for smaller jobs.

1,000-Sheet Finisher, 2,000-Sheet Booklet Finisher and 3,000-Sheet Finisher.

The Savin C3535/C4540 can be configured with a 1,000-Sheet Finisher, 2,000-Sheet Booklet Finisher or 3,000-Sheet Finisher, letting you reduce outsourcing by creating professional-quality booklets in house.

Savin C4540 with optional Two-Tray Paper Bank and 2,000-Sheet Booklet Finisher.



A variety of finishing options to meet your needs.



**500-Sheet Finisher
(SR3010)**



**1,000-Sheet Booklet Finisher
(SR3000)**



**3,000-Sheet Finisher
(SR3030)**



**2,000-Sheet Booklet Finisher
(SR3020)**



**1,000-Sheet Finisher
(SR790)**

HARDWARE ACCESSORIES (OPTIONAL)

Two-Tray Paper Bank Unit* for entire Series

Paper Capacity	1,000 sheets (500 sheets x 2 trays)
Paper Size	7.25" x 10.5" to 11" x 17"
Paper Weight	16 – 57 lb. Bond/120 lb. Index (60 – 216 g/m ²)

Large Capacity Tray* for entire Series

Paper Capacity	2,000 sheets (1,000 sheets x 2)
Paper Size	8.5" x 11"
Paper Weight	16 – 57 lb. Bond/120 lb. Index (60 – 216 g/m ²)

FAC30 Cabinet* for C2525/C3030

FAC33 Cabinet* for C3535/C4540

*Please note Cabinet Stand or a paper option must be selected.

500-Sheet Finisher (SR3010)* for C2525/C3030 Only

Paper Sizes	5.5" x 8.5" – 11" x 17"
Paper Weights	14 – 34 lb. Bond (52 – 128 g/m ²)
Stack Capacity	500 sheets (8.5" x 11" or smaller) 250 sheets (8.5" x 14" – 11" x 17")
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Positions	1 staple/2 positions; 2 staples/1 position

1,000-Sheet Finisher (SR790)* for entire Series

Paper Sizes	5.5" x 8.5" – 12" x 18"
Paper Weights	Shift Tray: 17 – 43 lb. Bond /90 lb. Index (64 – 163 g/m ²); Proof Tray: 14 – 68 lb. Bond/140 lb. Index (52 – 260 g/m ²)
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 Positions	Staple Paper Sizes: 8.5" x 11" – 12" x 18" 1 staple/2 positions; 2 staples/2 positions

HARDWARE ACCESSORIES (OPTIONAL)

1,000-Sheet Booklet Finisher (SR3000)* for C2525/C3030 only

Paper Sizes	5.5" x 8.5" – 11" x 17", 12" x 18"
Paper Weights	Upper Proof Tray: 14 – 28 lb. Bond (52 – 105 g/m ²); Lower Shift Tray: 14 – 68 lb. Bond/ 140 lb. Index (52 – 256 g/m ²)
Paper Capacity	Upper Proof Tray: 100 sheets (8.5" x 11" or smaller), 50 sheets (8.5" x 14" or larger); Lower 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) Saddle Stitch: 10 sheets (up to 40 pages)
Staple Paper Sizes	8.5" x 11" to 11" x 17"
Staple Positions	1 staple/2 positions; 2 staples/3 positions

2/3-Hole Punch Unit Option available for Booklet Finisher.

2,000-Sheet Booklet Finisher (SR3020)* for C3535/C4540 only

Paper Size	5.5" x 8.5" to 11" x 17", 12" x 18"
Paper Weight	Proof Tray: 14 – 43 lb. Bond/90 lb. Index (52 – 163 g/m ²) Shift Tray: 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m ²)
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" or smaller) 1,000 sheets (8.5" x 14" or larger)
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger) Saddle Stitch: 15 sheets
Staple Paper Size	8.5" x 11" to 11" x 17", 12" x 18"
Staple Positions	1 staple/3 positions 2 staples/2 positions

2/3-Hole Punch Unit Option available for Booklet Finisher.

HARDWARE ACCESSORIES (OPTIONAL)

3,000-Sheet Finisher (SR3030)* for C3535/C4540 only

Paper Size	5.5" x 8.5" to 11" x 17", 12" x 18"
Paper Weight	Proof Tray: 14 – 43 lb. Bond/90 lb. Index (52 – 163 g/m ²) Shift Tray: 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m ²)
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")
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Paper Size	8.5" x 11" to 11" x 17", 12" x 18"
Staple Positions	1 staple/3 positions 2 staples/1 position

2/3-Hole Punch Unit Option available for 3,000-sheet Finisher.

*A Bridge Unit is required for all finishers.

Inner 1 Bin Tray for C2525/C3030 only

Paper Size	5.5" x 8.5" to 11" x 17"
Bin Capacity	125 sheets
Paper Weights	16 – 45 lb. Bond/90 lb. Index (60 – 169 g/m ²)

Inner 1 Bin Tray for C3535/C4540 only

Paper Size	5.5" x 8.5" to 11" x 17"
Bin Capacity	125 Sheets
Paper Weights	16 – 45 lb. Bond/90 lb. Index (60 – 169 g/m ²)

Internal Shift Sort Tray* for C2525/C3030 only

Paper Sizes	5.5" x 8.5" to 12" x 17"
Paper Capacity	250 sheets (8.5" x 11" or smaller) 125 sheets (8.5" x 14" or larger)
Paper Weights	14 – 67 lb. Bond/140 lb. Index (52 – 253 g/m ²)

*Internal Shift Sort Tray cannot be installed with a finisher.

ADDITIONAL ACCESSORIES

File Format Converter, Key Counter Bracket Type H, VM Card Type C for Embedded Software Architecture Application, Camera Direct Print Card Type A*, Optional Counter Interface Unit Type A, and Scanner Accessibility Option Type 4045 (C3535/C4540 only)

*Requires USB Host Interface.

SPECIFICATIONS

Printing Process	Dry Electrostatic Transfer with Dual Component Development; 4-Drum Method
Output Speed	C2525: 25-ppm B&W and Full-Color C3030: 30-ppm B&W and Full-Color C3535: 35-ppm B&W and Full-Color C4540: 45-ppm B&W and 40-ppm Full-Color
Warm-up Time	C2525/C3030/C3535: Less than 45 seconds C4540: Less than 60 seconds
First Copy Time	C2525/C3030: Full-Color: 9.7 seconds; B&W: 6.7 seconds C3535: Full-Color: 8 seconds; B&W: 4.9 seconds C4540: Full-Color: 6.5 seconds; B&W: 3.9 seconds
Copy/Print/Scan Resolution	600 x 600 dpi
Document Feeder	Automatic Reversing Document Feeder (ARDF) (Standard) C2525/C3030: 50 Sheets C3535/C4540: 100 Sheets Paper Size: 5.5" x 8.5" – 11" x 17" Paper Weight: Simplex: 11 – 34 lb. Bond (40 – 128 g/m ²); Duplex: C2525/C3030: 14 – 28 lb. Bond (52 – 105 g/m ²) C3535/C4540: 14 – 34 lb. Bond (52 – 128 g/m ²) C2525/C3030: Dimensions: 21.7" x 19.3" x 4.7" (550 x 491 x 120 mm) C3535/C4540: Dimensions: 22.4" x 20.5" x 5.3" (570 x 520 x 135 mm) Up to 11" x 17"
Exposure Glass	Up to 999 copies
Multiple Copies	11" x 17" max (full bleed on 12" x 18")
Copy Size	Standard: 2 x 500 sheets + 100-sheet Bypass Tray
Input Capacity	Maximum: 3,100 sheets (with LCT) Standard: 500 sheets Face Down; C2525/C3030: Maximum: 1,625 Sheets (with 1,000-Sheet Finisher + Inner One-Bin Tray) C3535/C4540: Maximum: 3,625 Sheets (with 3,000-Sheet Finisher + Inner One-Bin Tray)
Output Capacity	First Paper Tray: 8.5" x 11" Second Paper Tray/Paper Bank: 7.25" x 10.5" – 11" x 17" Bypass Tray: Width: 3.5" – 12", Length: 5.8" x 18" (12" x 18" max) Large Capacity Tray: 8.5" x 11"
Paper Sizes	Standard Trays/Paper Bank/Large Capacity Tray: 16 – 57 lb. Bond; 120 lb. Index (60 – 216 g/m ²) Bypass Tray: 16 – 67 lb. Bond; 140 lb. Index (60 – 256 g/m ²) (Source for Labels, OHP) Duplex Unit: C2525/C3030: 17 – 45 lb. Bond; 90 lb. Index (64 – 169 g/m ²); C3535/C4540: 16 – 45 lb. Bond; 90 lb. Index (60 – 169 g/m ²); Plain paper, laser printer qualified transparencies, labels, envelopes
Paper Weights	Standard
Paper Types	25% – 400% in 1% increments
Auto Duplex	93%, 85%, 78%, 73%, 65%, 50%, 25% Ratios
Zoom	Preset Enlarge Ratios 400%, 200%, 155%, 129%, 121%
Preset Reduction	Dimensions (WxDxH) C2525/C3030: 25.6" x 25.9" x 29.1" (650 x 659 x 740mm) Standard Configuration C3535/C4540: 26.4" x 26.7" x 30" (670 x 677 x 760mm) Standard Configuration
Weight	C2525/C3030: <264.5 lb. (120kg) with ARDF C3535/C4540: <287 lb. (130kg) with ARDF
Power Requirements	120V, 12A, 60Hz
Power Consumption	1,440 Watts maximum

PRINTER CONTROLLER (STANDARD)

CPU	C2525/C3030: RM7035C @ 600MHz, Embedded C3535/C4540: RM7935 @ 835MHz, Embedded
Memory	C2525/C3030: 1GB RAM & 40GB HDD Standard (Shared) C3500/C4500: 1GB RAM & 80GB HDD Standard (Shared)
Max. Print Speed	C2525: 25-ppm B&W and Full-Color C3030: 30-ppm B&W and Full-Color C3535: 35-ppm B&W and Full-Color C4540: 45-ppm B&W and 40-ppm Full-Color
Page Description Languages	PCL5c, PCL6, RPCS (Standard) Genuine Adobe® Postscript®3™, includes PDF Direct Print (Optional)
Max. Print Resolution	2400 dpi equivalent x 600 dpi
Standard Interfaces	10BaseT/100BaseTX Ethernet (RJ-45), USB 2.0
Optional Interfaces	IEEE 802.11b Wireless LAN Interface Type H; Bluetooth Wireless Board Type 3245; IEEE 1284 Parallel Interface Type A; IEEE 1394; USB Host Interface Type A*
*Required with optional Camera Direct Print Card	
Network/OS	Windows 95/98SE/NT4.0/2000/Me/XP/Server 2003 Novell NetWare 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5 UNIX filters for Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, and 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
Utilities	SmartDeviceMonitor for Admin and Client; Web SmartDeviceMonitor; Web Image Monitor; DeskTopBinder Lite; Print Utility for MAC (w/Adobe PS3 opt.)

SCANNER (STANDARD)

Scanner Resolution	Monochrome Mode: From 100 to 600 dpi (1200 dpi for TWAIN B&W only) Full-Color Mode: From 100 to 600 dpi Default Setting: 200 dpi
Scanning Speed*	C2525/C3030: Scanning Speed: 50-ipm Black & White; 35-ipm Full-Color (200 dpi via ARDF) C3535/C4540: 63-ppm B&W and 38-ppm Full-Color (200 dpi via ARDF)
Scan Area	Main Scan: 11.7" (297 mm), Sub Scan: 17" (432 mm)
Scan Size	Contact Glass: 11" x 17", 8.5" x 14", 8.5" x 11"
Scan Mode	ARDF: 5.5" x 8.5" to 11" x 17" Standard: BW Text/Line Art, BW Text, BW Text/Photo, BW Photo, BW Grayscale, FC Photo, FC Text Opt: ACS (w/Opt. File Converter)
Compression Method	Black & White: TIFF (MH, MR, MMR), Grayscale, Full-Color: JPEG
Scan-to Modes supported	Scan-to-Email (with LDAP support) Scan-to-URL Scan-to-Folder (SMB/FTP/NCP) Network TWAIN scanning

*When the File Format Converter Option is installed, the maximum scanning for black & white/full-color is 50 ipm/50 ipm for the C2525/C3030 and 63 ipm/58 ipm for the C3535/C4540.

DOCUMENT SERVER (STANDARD)

Capacity	C2525/C3030: 40GB (shared with other functions) C3535/C4540: 80GB (shared with other functions)
Max. Stored Documents	C2525/C3030: 1,000 documents C3535/C4540: 2,000 documents
Max. Pages per Document	C2525/C3030: 2,000 pages C3535/C4540: 9,000 pages
Max. Pages of all Stored Documents	C2525/C3030: 2,000 pages C3535/C4540: 9,000 pages

SECURITY SPECIFICATIONS

DataOverwriteSecurity System (DOSS) Type D: (Optional) – Security feature that overwrites latent data on the system's hard drive after copy, scan, fax and print jobs.

Copy Data Security Unit Type A (Optional) – Copies of prints made with this feature will be blacked out or embedded with a watermark to deter illegal copying.

Other Security Features – SNMP v3 Authentication and Data Encryption (password/address book encryption); PDF Direct Print Password Protection; Locked (Secure) Print; User Codes; User Authentication; WPA (Wi-Fi Protect Access Support); PDF Encryption.

FACSIMILE (OPTIONAL)

Fax Option Type C3000 (C2525/C3030)

Fax Option Type C4500 (C3535/C4540)

Type	ITU-T (CCITT) G3, Additional G3 (optional)
Circuit	PSTN, PBX
Resolution	200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi (with optional SAF memory)
Modem Speed	33.6K – 2,400bps w/Auto Fallback
Compression Method	MH, MR, MMR, JBIG
Transmission Speed	G3: Approximately 2 seconds/page (w/JBIG) G3: Approximately 3 seconds/page (w/MMR)
Scan Speed	.56 seconds/page (Standard/Detail Mode) 1.12 seconds/page (Super Fine Mode)
Auto Dialing	2,000 Quick Dials, 100 Group Dials (500 locations each)
Memory Capacity (SAF)	Standard 4MB (approximately 320 pages); Maximum 28MB (2,240 pages)
Additional Modes	Internet Fax by E-mail (T.37); IP Fax (T.38); LAN Fax; Fax Forward to E-mail/Folder; LDAP Support
Options	Additional G3 Lines (up to 2); Fax SAF Memory; Telephone Handset

SUPPLIES & CONSUMABLES

C2525/C3030

Black Toner	20,000 pages
Cyan, Magenta, Yellow Toner	15,000 pages each (toner yields based on 5% coverage)

C3535/C4540

Black Toner	23,000 pages
Cyan, Magenta, Yellow Toner	17,000 pages each (toner yields based on 5% coverage)

Print speeds may be impacted by network, applications or PC performance. Specifications and external appearances are subject to change without notice. Products are shown with optional features. For maximum performance and yield, we recommend using genuine Savin parts and supplies.