Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series Color Multifunctional Systems Any job. Any time. Any place.





Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series

Everything you want in a document imaging system—and more.

Businesses everywhere are recognizing the advantages of color documents to their long-term success. Ricoh has been at the forefront of this color revolution, engineering a full line of multifunctional devices that make color a productive and easily accessible part of everyday document workflow.

The RICOH® Aficio® MP C2500/C3000 & C3500/C4500 Series, with its wide range of choices in speed and output volume ... ability to print full color as fast as black & white* ... extensive finishing capabilities and sophisticated security, is flexible enough to bring the advantages of color anywhere within your organization.



VersatileProductiveReliableColor

As fast and productive as you want it.

The Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series lets you choose the speed and capabilities you need to maximize productivity and meet your tightest deadlines:

- Output speeds of up to 25, 30, 35 or 45 pages per minute in both full color and black & white* mean you don't have to sacrifice productivity to get color output.
- A range of processing speeds and storage capacities allows you to fit just the right horsepower to your workflow.
- Scanning times are accelerated, so sharing documents and files is not only cost-free, but fast.
- Network traffic stays fast and efficient thanks to optional PDF Direct Print technology, which sends PDF files directly to the system.



You don't need to be technologically savvy to see the advantages of the Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series. Its benefits are easily accessible and understandable by every member of your organization.

- Walk-up users will appreciate the oversized, full-color LCD panel with its bigger and brighter fonts, and the larger, more comfortable concave keys that make programming jobs a snap.
- IT will value the easy connectivity, which includes Ethernet, USB and optional wireless capabilities—everything they need to get these systems operational—fast.
- Everyone will appreciate the simple-to-replace toner cartridges and the easy-grip tray handles that make it easy to restock paper—even when jobs are running.
- Employees who use new applications will like the robust print driver support, which processes documents created in a variety of programs.

As colorful as you want it.

Now all your documents can benefit from outstanding color—greater readability, more attention-getting graphics, a more professional image for your organization—because producing color documents is as fast and easy as black & white. With the Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series, you get business documents of the highest quality.

- You no longer need a dedicated color output device or expensive outside resources to produce full color documents.
- Ricoh patented PxP™ Toner technology ensures that your color documents don't just meet, but *set* the standards for quality color today—finally providing you with the documents you've always wanted.

A detachable scanner option allows you to lower the profile of the system and make the control panel even more accessible. (Ricoh Aficio MP C3500/C4500 only)



Full-color LCD operation panel with enlargeable display and bright graphic icons simplifies job programming.



The Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series can print your digital photos directly from PictBridge™-enabled cameras.

^{*}The Ricoh Aficio MP C4500 prints 45 ppm in black & white and 40 ppm in color.

Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series

As flexible as you want it.

Printing high-quality black & white or full-color documents is just the beginning of your choices with the Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series.

- Send *any* document instantly, securely and at no cost—to any network destination with powerful Ricoh Scan-to technology.
- Store and retrieve documents on-site for re-printing, re-faxing, editing, and more with the standard Document Server.
- Fax directly from your PC and eliminate outdated and misdialed numbers by pulling in existing addresses from your company directory.
- Print photos directly from a digital camera, without using a computer.

As professional as you want it.

The Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series could be the first multifunctional system to produce documents exactly the way you envision them, instead of having to settle for the best you can get.

- Produce documents with multiple paper types, weights and orientations with the high-capacity 3,100-sheet paper supply.
- Output onto letterhead, transparencies and special stocks up to 12" x 18" and create durable document covers, heavyweight signage and postcards in-house—up to 140 lb. Index through the Bypass and up to 120 lb. Index from the trays.
- Choose from a variety of professional finishing options, allowing you to produce hole-punched, folded and even saddle-stitched output:
- Equip the Ricoh Aficio MP C2500/C3000 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 Ricoh Aficio MP C3500/C4500 with either a 1,000-Sheet Finisher, 2,000-Sheet Booklet Finisher or 3,000-Sheet Finisher.

As secure as you want it.

The security of your documents and your network needs to be iron clad. The Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series protects both at every step in your document workflow.

- Control access to system functions with several methods of user authentication.
- Restrict color usage and other system capabilities to only those users who need it, helping control costs and simplify management.
- Enhance the security of latent hard drive data with the optional Ricoh DataOverwriteSecurity System (DOSS), which automatically overwrites information after each copy, scan, fax and print job.



The Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series provides an array of document management capabilities.



The Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series can be equipped for professional booklet finishing.



A number of features are available to limit device access, track usage and protect confidential information stored in memory.

VersatileProductiveReliableColor

As customized as you want it.

Ricoh's Embedded Software Architecture an innovative Java (J2ME)-compatible software development platform—allows the development of customized applications for the Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series, dramatically enhancing your organization's workflow.

- All models within the series can easily be customized to meet your needs by controlling the following features:
- Operation Panel
- Printing
- Saving Files
- Scanning

As simple to manage as you want it.

Most systems managers are already overscheduled and overworked. The Ricoh Aficio C2500/C3000 & C3500/C4500 Series is designed to make their lives easier by simplifying device and document management.

- Web Image Monitor and SmartDeviceMonitor allow users to view job queues and check supply levels, and allow administrators to adjust network settings and modify user rights, and more—all from their desktop.
- These devices fully support @Remote—an intelligent remote management system for networked printing devices. With the @Remote service, you'll be able to enjoy no-touch meter reading and reporting. The meter data can be used for accurate, timely meter-to-billing and is used for Web-based Fleet Reporting.

Your Environmental Partner

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

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





SmartDeviceMonitor for Admin is a robust utility designed for network administrators to install, monitor, and manage all networked Ricoh peripherals from a single workstation.

The System You Want





Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series

Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series

Optional Hardware Accessories

Two Tray Paper Bank* for entire Series

Paper Capacity: Paper Size: 1,000 sheets (500 sheets x 2 trays) 7.25" x 10.5" to 11" x 17"

16 – 57 lb. Bond/120 lb. Index (60 – 216 g/m²) Paper Weight:

Large Capacity Tray* for entire Series

2,000 sheets (1,000 sheets x 2) 8.5" x 11" Paper Capacity:

Paper Size:

16 – 57 lb. Bond/120 lb. Index (60 – 216 g/m²) Paper Weight:

FAC30 Cabinet* for MP C2500/C3000 FAC33 Cabinet* for MP C3500/C4500

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

500-Sheet Finisher (SR3010)* for MP C2500/C3000 only

5.5" x 8.5" – 11" x 17" 14 – 34 lb. Bond (52 – 128 g/m²) Paper Sizes: Paper Weights: 500 sheets (8.5" x 11" or smaller) 250 sheets (8.5" x 14" – 11" x 17") Stack Capacity:

50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger) Staple Capacity:

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" Shift Tray: 17 – 43 lb. Bond/90 lb. Index Paper Weights:

(64 – 163 g/m²); Proof Tray: 14 – 68 lb. Bond/ 140 lb. Index (52 – 260 g/m²)

Froof 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 Stack Capacity:

(8.5" x 14" or larger)

50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger) Staple Capacity: Staple Paper Sizes: 8.5" x 11" - 12" x 18"

Staple Positions: 1 staple/2 positions; 2 staples/2 positions

1,000-Sheet Booklet Finisher (SR3000)* for MP C2500/C3000 only

5.5" x 8.5" – 11" x 17", 12" x 18' Paper Sizes: Upper Proof Tray: 14 – 28 lb. Bond (52 – 105

Paper Weights: g/m²); Lower Shift Tray: 14 – 68 lb. Bond/ 140 lb. Index (52 – 256 g/m²)

Upper Proof Tray: 100 sheets (8.5" x 11" or Paper Capacity: 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) 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 Capacity:

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 MP C3500/C4500 only Paper Size:

5.5" x 8.5" to 11" x 17", 12" x 18" Proof Tray: 14 – 43 lb. Bond/90 lb. Index Paper Weight: (52 – 163 g/m²); Shift Tray: 14 – 68 lb. Bond/

140 lb. Index (52 – 256 g/m²)

Proof Tray: 250 sheets (8.5" x 11" or smaller),
50 sheets (8.5" x 14" or larger); Shift Tray: Stack Capacity:

2,000 sheets (8.5" x 11" or smaller), 1,000 sheets

(8.5" x 14" or larger) 50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger) Staple Capacity:

Saddle Stitch: 15 sheets 8.5" x 11" to 11" x 17", 12" x 18" Staple Paper Size: 1 staple/3 positions; 2 staples/3 positions Staple Positions:

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

3,000-Sheet Finisher (SR3030)* for MP C3500/C4500 only 5.5" x 8.5" to 11" x 17", 12" x 18" Proof Tray: 14 – 43 lb. Bond/90 lb. Index Paper Size: Paper Weight: (52 - 163 g/m2); Shift Tray: 14 - 68 lb. Bond/

140 lb. Index (52 – 256 g/m²) Proof Tray: 250 sheets (8.5" x 11" or smaller), 50 sheets (8.5" x 14" or larger); Shift Tray: Stack Capacity:

Staple Capacity:

50 sheets (8.5 x 14 or larger); Shii 3,000 sheets (8.5" x 11") 50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger) 8.5" x 11" to 11" x 17", 12" x 18" Staple Paper Size: Staple Positions: 1 staple/3 positions; 2 staples/1 position

*Bridge Unit is required for all finishers. 2/3-Hole Punch Unit Option available for 3,000-Sheet Finisher

Inner 1 Bin Tray for MP C2500/C3000 only 5.5" x 8.5" to 11" x 17" Paper Size:

Bin Capacity: 125 sheets

Paper Weights: 16 - 45 lb. Bond/90 lb. Index (60 - 169 g/m²)

Inner 1 Bin Tray for MP C3500/C4500 only 5.5" x 8.5" to 11" x 17" Paper Size:

Bin Capacity: 125 Sheets

Paper Weights: 16 - 45 lb./90 lb. Index (60 - 169 g/m²)

Internal Shift Sort Tray* for MP C2500/C3000 only 5.5" x 8.5" – 12" x 17" 250 sheets (8.5" x 11" or smaller) 125 sheets (8.5" x 14" or larger) Paper Sizes: Paper Capacity: Paper Weights: 14 - 67 lb. Bond/140 lb. Index (52 - 253 g/m²)

*Internal Shift Sort Tray cannot be installed with a finisher

Ricoh Aficio MP C2500/C3000 & C3500/C4500 Series Aficio

Memory:



Specifications

General Specifications

C2500, C3000, C3500, C4500, C2500 SPF, C3000 SPF, C3500 SPF, C4500 SPF (SPF version includes Fax Option)

Printing Process: Dry Electrostatic Transfer with Dual

Component Development:

4-Drum Method

Output Speed: C2500: 25-ppm B&W/Full Color C3000: 30-ppm B&W/Full Color

C3500: 35-ppm B&W/Full Color C4500: 45-ppm B&W/40-ppm Full Color C2500/C3000/C3500: < 45 seconds

Warm-up Time: C4500: < 60 seconds

First Copy Time: C2500/C3000: Full Color: 9.7 seconds;

B&W 6.7 seconds

C3500: Full Color: 8 seconds; B&W: 4.9 seconds C4500: Full Color: 6.5 seconds;

B&W: 3.9 seconds 600 x 600 dpi

Copy/Print/Scan Resolution

Document Feeder: Automatic Reversing Document Feeder

(ARDF) (Standard)

C2500/C3000: 50 Sheets Original Capacity:

> C3500/C4500: 100 sheets Paper Size: 5.5" x 8.5" - 11" x 17" Paper Weight: Simplex: 11 - 34 lb. Bond (40 - 128 g/m2); Duplex: C2500/C3000: 14 - 28 lb. Bond

(52-105 g/m²)

C3500/C4500: 14 - 34 lb. Bond

(52-128 g/m²)

C2500/C3000: Dimensions: 21.7" x 19.3" x 4.7" (550 x 491 x 120mm) C3500/C4500: Dimensions: 22.4" x 20.5" x 5.3" (570 x 520 x 135 mm)

Exposure Glass: Up to 11" x 17" Up to 999 copies Multiple Copies:

11" x 17" max (full bleed on 12" x 18") Copy Size: Input Capacity: Standard: 2 x 500 sheets + 100-sheet

Output Capacity: Standard: 500 sheets Face Down; Max: C2500/C3500: Maximum: 1,625

sheets (with 1,000 Sheet Finisher +

Inner 1 Bin Tray)

C3500/C4500: Maximum 3,625 sheets (with 3,000 Sheet Finisher + Inner 1

Bypass Tray; Max: 3,100 sheets (w/LCT)

Paper Sizes: 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 Weights: Standard Trays/Paper Bank/Large Capacity Tray: 16 - 57 lb. Bond; 120 lb. Index (60 - 216 g/m²); Bypass Tray: 16 - 67 lb. Bond; 140 lb. Index (60 -

256 g/m²) (Source for Labels, OHP): Duplex Unit: C2500/C3000: 17 - 45 lb. Bond; 90 lb. Index (64 - 169 g/m²); C3500/C4500: 16 - 45 lb. Bond; 90 lb. Index (60 - 169 a/m²)

Paper Types: Plain paper, laser printer qualified transparencies, labels, envelopes

Auto Duplex:

25% - 400% in 1% increments Zoom: Preset Reduction (%): 93, 85, 78, 73, 65, 50, 25 Preset Enlargement (%): 400, 200, 155, 129, 121

Dimensions (WxDxH): C2500/C3000: 25.6" x 25.9" x 29.1"

(650 x 659 x 740mm) Standard Configuration; C3500/C4500: 26.4" x 26.7" x 30" (670 x 677 x 760mm) Standard Configuration

Weight: C2500/C3000: <264.5 lb. (120kg) w/ARDF C3500/C4500: <287 lb. (130kg) w/ARDF

Power Requirements: 120V. 12A. 60Hz Power Consumption: 1,440 Watts maximum

Printer Controller Specifications (Standard)

C2500/C3000: RM7035C @ 600MHz, CPU: Embedded: C3500/C4500: RM7935 @

835MHz, Embedded

C2500/C3000: 1GB RAM & 40GB

HDD Standard (Shared); C3500/C4500:1GB RAM & 80GB HDD

Standard (Shared)

C2500: 25-ppm B&W/Full Color Max. Print Speed:

> C3000: 30-ppm B&W/Full Color C3500: 35-ppm B&W/Full Color C4500: 45-ppm B&W/40-ppm Full Color

Page Description PCL5c, PCL6, RPCS (Standard); Genuine Adobe® Postscript® 3™ Languages includes PDF Direct Print (Optional)

Max. Print Resolution: 2400 dpi equivalent x 600 dpi Standard Interfaces: 10BaseT/100BaseTX Ethernet (RJ-45),

USB 2.0

IEEE 802.11b Wireless LAN Interface Type Optional Interfaces: 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

Windows 95/98SE/NT4.0/2000/Me/XP/ Network/OS: 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.)

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

Scanner Specifications (Standard)

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

C2500/C3000: Scanning Speed: 50-Scanning Speed*: ipm B&W; 35-ipm; Full Color (200 dpi

via ARDF); C3500/C4500: 63-ppm B&W and 38-ppm Full Color (200 dpi

via ARDF)

*When the File Format Converter Option is installed, the maximum scanning for black & white/ full-color is 50 ipm/ 50 ipm for the C2500/C3000 and 63 ipm/58 ipm for the C3500/C4500.

Scan Area: Main Scan: 11.7" (297mm), Sub Scan:

17" (432mm)

Scan Size: Contact Glass: 11" x 17", 8.5" x 14",

8.5" x 11"; ARDF: 5.5" x 8.5" - 11" x 17" Standard: BW Text/Line Art, BW Text, Scan Mode:

> BW Text/Photo, BW Photo, BW Grayscale, FC Photo, FC Text; Opt: ACS (w/Opt. File Converter)

Compression Method: B&W: TIFF (MH, MR, MMR), Grayscale,

Full Color: JPEG

Scan-to-Email (with LDAP support); Scan-to Modes Scan-to-URL; Scan-to-Folder (SMB/FTP/ Supported:

NCP); Network TWAIN scanning

Document Server Specifications (Standard)

C2500/C3000: 40GB (shared with Capacity: other functions); C3500/C4500: 80GB

(shared with other functions) C2500/C3000: 1,000 documents; Documents: C3500/C4500: 2.000 documents C2500/C3000: 2,000 pages; Max. Pages per C3500/C4500: 9,000 pages

Document: Max. Pages of all C2500/C3000: 2,000 pages; Stored Documents: C3500/C4500: 9,000 pages

Facsimile Specifications (Optional)

Fax Option Type C3000 (C2500/C3000) Fax Option Type C4500 (C3500/C4500)

ITU-T (CCITT) G3, Add'l G3 (optional) Type:

Circuit: PSTN, PBX

Max. Stored

Modem Speed:

Resolution: 200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi (with optional SAF memory)

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 F-mail (T.37): IP Fax

(T.38); LAN Fax; Fax Forward to E-mail/

Folder; LDAP Support

Additional G3 Lines (up to 2); Fax SAF Options:

Memory: Telephone Handset

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; Scanner Accessibility Option Type 4045 (C3500/C4500 only). *Requires USB Host Interface

Supplies and Consumables

C2500/C3000: Black Toner: 20,000 pages; Cyan, Magenta, Yellow Toners: 15,000 pages each (toner yields based on 5% coverage)

C3500/C4500: Black Toner: 23,000 pages; Cyan, Magenta, Yellow Toners: 17,000 pages each (toner yields based on

Ricoh Consumables: For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.



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