Ricoh Aficio MP C4000/C5000
Color Digital Imaging System
Superior Color. Incredible Versatility.
Outstanding color with exceptional versatility. The fast and flexible RICOH® Aficio® MP C4000/C5000 completely redefine what you can expect from cost-effective, full-color multifunctional systems. Based on an award-winning design, both models provide outstanding color quality for all your business-critical documents, as well as crisp, detailed results for black & white output—so you can impress customers and hold their attention when you need it most. They also offer scanning, faxing and professional finishing, plus innovative tools for streamlining workflow and optional high-end color control. These dynamic, affordable systems make it easy for any organization to complete more color jobs in-house and significantly boost productivity.
Fast Output For Any Document

Rely on the Ricoh Aficio MP C4000/C5000 to deliver outstanding speed and productivity whether you need full-color or black & white documents, or a mix of both.

- Print and copy comps, presentations, spreadsheets and other jobs at speeds up to 40 or 50 pages-per-minute in both full-color and black & white.
- Start every job faster. First color copy times are 6.5 or 5.9 seconds, and 3.9 or 3.5 seconds for black & white. You can also expect short warm-up and recovery times from Off/Sleep mode.
- Handle large color files and complex print jobs quickly and easily. Both systems come standard with a 1 GHz controller, 1 GB RAM and a 160 GB Hard Disk Drive.
- Get connected in any environment. Meet local networking requirements with a wide range of standard and optional interfaces, plus compatibility with Windows, Macintosh, Unix and AS/400.

Consistently Impressive Color

The Ricoh Aficio MP C4000/C5000 use a powerful combination of patented PxP™ Toner and sophisticated print engines to provide bold, vivid color for any application.

- Use color to enhance your image. Replacing conventional black & white with compelling color lends a distinctively professional look and feel to your documents. It makes key messages more memorable and helps your company stand out.
- Expect vibrant results for important documents—such as client proposals, new business plans or competitive bids—with resolutions up to 1200 x 1200 dpi.
- Reduce expensive outsourcing. These systems allow users to produce a wide range of professional color documents very cost effectively, in-house.
- Eliminate the risk of fraud and abuse. Control access to color capabilities and tightly manage costs with a wide array of security features.

Convenient Professional Finishing

Expand the range of documents you can produce. The Ricoh Aficio MP C4000/C5000 offer a full line of paper handling and finishing options.

- Fuel your creativity. Print on many stocks and sizes, and generate a range of finished styles from three-hole-punched training packets with covers to postcards, spreadsheets, presentations, and more. The systems support output sizes up to 12" x 18" (through the Bypass Tray) and accept paper weights up to 140 lb. Index.
- Finish a wider variety of jobs without outsourcing. Choose from an optional 1,000-Sheet Finisher with stapling, a 2,000-Sheet Booklet Finisher with saddle-stitching and optional hole-punching, or a 3,000-Sheet Finisher with stapling and optional hole-punching.
- Print or copy lengthy documents without stopping to reload paper. The systems offer a standard paper capacity of 1,200 sheets.
- Increase paper capacity to meet the needs of high-volume workflows. Options include a Two-Tray Paper Bank, a 2,000-Sheet Tandem Large Capacity Tray (LCT) or a 1,200-Sheet Side LCT. Maximum paper capacity (with both LCTs) is 4,400 sheets.

Take your files with you instantly by scanning them directly to removable media, such as a SD card or USB flash drive.

Handle more jobs in-house—and reduce expensive outsourcing—with fast, high-quality color and a full line of finishing options.
Do More Than Ever Before

To maximize efficiency, the Ricoh Aficio MP C4000/C5000 can be equipped with advanced, yet easy-to-use scanning, faxing and document distribution technologies.

• Deliver documents to any destination instantly. Available Scan-to functions include Scan-to-Email for rapid delivery, Scan-to-Folder for automated archiving and information sharing, Scan-to-Media (USB/SD) for document portability and Scan-to-URL to reduce network traffic.
• Minimize file size, reduce network traffic and maintain exceptional image quality by converting scanned files into High Compression PDFs.
• Send or receive fax documents electronically with Internet (T.37) faxing, use LAN faxing to send faxes from a PC without leaving your desk, or use IP (T.38) and Super G3 faxing for quick delivery to conventional fax numbers.
• Reduce the risk of fax errors. Both systems detect blank pages and enable users to double-check fax destinations prior to transmission.
• Print a PDF or JPEG attachment by sending an e-mail directly to the system using the innovative Mail-to-Print feature, which saves time and gives you even more flexibility for printing your documents.

Exceptional Accessibility

Designed for convenient accessibility for everyone in the workplace, these systems incorporate user-friendly features that make them easier to operate and align with Section 508 requirements.

• Improve ease of use with the large, full-color W-VGA control panel. You can also use the Simplified Display feature, which shows fewer function keys and uses a larger screen font.
• Get animated, step-by-step instructions for routine tasks, such as clearing paper misfeeds or replacing toner.
• Accommodate all users with a convenient design. Toner cartridges can be replaced with one hand. Paper trays can be easily opened with an overhand or underhand grip. Also, the scanner and document feeder can be detached and placed on a desk, making every function accessible to all users.
• Handle a long list of document and device management tasks remotely. View detailed system information and network settings, and monitor supply status right from a standard Web browser.

Strong Investment Protection

Organizations of any size can benefit from the Ricoh Aficio MP C4000/C5000s’ superior productivity, reliable performance and low total cost of ownership (TCO).

• Maximize uptime and reliability. Both systems are engineered to keep pace with even the most demanding workloads, so you can keep TCO as low as possible.
• Take advantage of full-color workflows without compromising your budget. These systems make it more affordable than ever to get color exactly when you need it.
Precise Color Control
Add the optional EFI Fiery™ Controller to achieve high-end color control and management for professional workflows.

- Take full advantage of the print engines’ outstanding color capabilities for graphics-intensive applications and accurate spot color matching.
- Fine-tune color output for application-specific needs. With the EFI Fiery™ Controller’s built-in tools, you can achieve superior results for RGB, CMYK and even PANTONE® colors.
- Print complex color documents such as page layouts, concept drawings or proof sheets quickly, consistently and accurately with the additional firepower of a Fiery™ Controller.
- Control workflow, reprint jobs and even combine documents with the powerful Command WorkStation™ tool.

Ironclad Security
A complete line of security features helps keep sensitive documents and the systems themselves safe from a variety of threats.

- Use encrypted PDF transmission to prevent unauthorized data interception. This feature encrypts PDF data for both Scan-to-Email and Scan-to-Folder applications.
- Control which individuals have access to which system functions, such as scanning or color copying, with robust User Authentication.
- Protect business-critical information with the DataOverwriteSecurity System (DOSS) option. It automatically overwrites the hard drive after copy, scan, fax and print jobs, so hackers can’t steal confidential files. You can also use the HDD Encryption option to protect data, even if the hard drive is removed or stolen.

Advanced Document Solutions
With the Ricoh Aficio MP C4000/C5000, offices can utilize an extensive portfolio of powerful, easy-to-integrate software solutions from Ricoh and a growing number of innovative technology partners.

- Transform your MFP into a document portal with proven solutions from Ricoh. Specifically developed for Ricoh MFPs, these advanced solutions enable document capture and distribution, storage and management, variable data printing, assessment and cost recovery, device management and print security.
- Leverage the smartest, most effective workflow tools and streamline every aspect of your organization with Ricoh. We partner with industry-leading technology innovators to make sure our MFPs can serve as on-ramps to an extensive selection of applications for content management and other business-critical activities.
- Create specialized, custom applications for the Ricoh Aficio MP C4000/C5000 with Ricoh’s Embedded Software Architecture™, a Java-compatible Software Development Kit (SDK).

Your Environmental Partner
Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity, including:

- Power-Saving Sleep Mode
- Duplex and Combine Copy Modes
- Energy-Saving PxP™ Toner
- Low Noise Levels
- Minimal Ozone Emissions
- Restriction of Hazardous Substances (RoHS) Compliant
The optional Inner One-Bin Tray provides a cost-effective way to separate copy, print and fax output.

The Ricoh Aficio MP C4000/C5000 can be equipped with a **1,000-Sheet Finisher** or **3,000-Sheet Finisher** for traditional stapling, or a **2,000-Sheet Booklet Finisher** (shown) for professional-quality booklet-making. The 3,000-Sheet Finisher and 2,000-Sheet Booklet Finisher both offer optional hole-punching.

If no finisher is installed, add the optional **Internal Shift-Sort Tray** to collate document sets. (This tray cannot be installed with other optional finishers.)

Add a **Two-Tray Paper Bank** (shown) or the **2,000-Sheet Tandem Large Capacity Tray (LCT)** for maximum versatility. Both options accept stocks up to 140 lb. Index. Or add a **Cabinet Stand** if the standard paper supply meets your needs.
The standard 100-Sheet Automatic Reversing Document Feeder easily handles one- and two-sided originals up to 11" x 17".

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

Choose the optional 1,200-Sheet Side Large Capacity Tray (LCT) to boost maximum paper capacity to 4,400 sheets (with Tandem LCT).

Two Standard Paper Trays each hold 550 sheets. With the 100-Sheet Bypass Tray, total standard paper capacity is 1,200 sheets.

---

**Ricoh Aficio MP C4000/C5000 Optional Hardware Accessories**

<table>
<thead>
<tr>
<th>Two-Tray Paper Bank (PB3040)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Paper Capacity</strong></td>
</tr>
<tr>
<td><strong>Paper Sizes</strong></td>
</tr>
<tr>
<td><strong>Paper Weights</strong></td>
</tr>
<tr>
<td><strong>Dimensions (WxDxH)</strong></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
</tr>
</tbody>
</table>

**Tandem Large Capacity Tray (LCT) (PB3050)**

| **Paper Capacity** | 2,000 sheets Tandem Tray (1,000 x 2 Trays) |
| **Paper Sizes** | 8.5" x 11" Lef |
| **Paper Weights** | 16 – 68 lb. Bond / 140 lb. Index (60 – 256 g/m²) |
| **Dimensions (WxDxH)** | 13.7" x 21.3" x 11.4" |
| **Weight** | Less than 57 lbs. |

**Cabinet Stand (FAC33)**

**Side Large Capacity Tray (LCT) (RT3000)**

| **Paper Capacity** | 1,200 sheets |
| **Paper Sizes** | 8.5" x 11" Lef |
| **Paper Weights** | 16 – 57 lb. Bond / 80 lb. Cover (60 – 216 g/m²) |
| **Dimensions (WxDxH)** | 25.8" x 24.2" x 37.8" |
| **Weight** | Approx. 123.5 lbs. with Punch Unit Option |

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

| **Paper Sizes** | 5.5" x 8.5" – 11" x 17", 12" x 18" |
| **Paper Weights** | Proof Tray: 14 – 43 lb. Bond / 90 lb. Index (52 – 163 g/m²); Shift Tray: 14 – 68 lb. Bond / 140 lb. Index (52 – 256 g/m²) |
| **Stack Capacity** | Proof Tray: 250 sheets (8.5" x 11" or smaller); Shift Tray: 2,000 sheets (8.5" x 11" LEF), 1,000 sheets (8.5" x 11" SEF; 8.5" x 14", 11" x 17", 12" x 18"), 50 sheets (8.5" x 14" or larger) |
| **Staple Capacity** | 50 sheets (8.5" x 11" LEF), 30 sheets (8.5" x 14" or larger) |
| **Staple Paper Sizes** | 8.5" x 11" to 11" x 17", 12" x 18" |
| **Staple Paper Weights** | 1 staple/3 positions; 2 staples/1 position; 2 staples/2 positions |
| **Dimensions (WxDxH)** | 25.8" x 24.2" x 37.8" |
| **Weight** | Approx. 138.9 lbs. with Punch Unit Option; Approx. 143.3 lbs. with Punch Unit Option |

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

| **Paper Sizes** | 5.5" x 8.5" – 11" x 17", 12" x 18" |
| **Paper Weights** | Proof Tray: 14 – 43 lb. Bond / 90 lb. Index (52 – 163 g/m²); Shift Tray: 14 – 68 lb. Bond / 140 lb. Index (52 – 256 g/m²) |
| **Stack Capacity** | Proof Tray: 250 sheets (8.5" x 11" or smaller); Shift Tray: 3,000 sheets (8.5" x 11" LEF), 1,500 sheets (8.5" x 11" SEF; 8.5" x 14", 11" x 17", 12" x 18"), 100 sheets (8.5" x 8.5") |
| **Staple Capacity** | 50 sheets (8.5" x 11" LEF), 30 sheets (8.5" x 14" or larger) |
| **Staple Paper Sizes** | 8.5" x 11" to 11" x 17", 12" x 18" |
| **Staple Paper Weights** | 1 staple/3 positions; 2 staples/1 position; 2 staples/2 positions |
| **Dimensions (WxDxH)** | 25.8" x 24.2" x 37.8" |
| **Weight** | Approx. 191 lbs. without Punch Unit Option; Approx. 223 lbs. with Punch Unit Option |

**250-Sheet Bypass Tray**

| **Stack Capacity** | Proof Tray: 50 sheets (8.5" x 11" LEF), 30 sheets (8.5" x 14" or larger) |
| **Staple Capacity** | 50 sheets (8.5" x 11" LEF), 30 sheets (8.5" x 14" or larger) |
| **Dimensions (WxDxH)** | 25.8" x 24.2" x 37.8" |
| **Weight** | Approx. 17.5 lbs. |

**1,000-Sheet Finisher (SR3030)**

| **Paper Sizes** | 5.5" x 8.5" – 11" x 17", 12" x 18" |
| **Paper Weights** | Proof Tray: 14 – 43 lb. Bond / 90 lb. Index (52 – 163 g/m²); Shift Tray: 14 – 68 lb. Bond / 140 lb. Index (52 – 256 g/m²) |
| **Stack Capacity** | Proof Tray: 250 sheets (8.5" x 11" or smaller); Shift Tray: 1,000 sheets (8.5" x 11"), 500 sheets (8.5" x 14" or larger), 100 sheets (8.5" x 8.5") |
| **Staple Capacity** | 50 sheets (8.5" x 11"), 30 sheets (8.5" x 14" or larger) |
| **Staple Paper Sizes** | 8.5" x 11" to 11" x 17", 12" x 18" |
| **Staple Paper Weights** | 1 staple/3 positions; 2 staples/1 position; 2 staples/2 positions |
| **Dimensions (WxDxH)** | 10.7" x 20.5" x 31.2" |
| **Weight** | Approx. 5.5 lbs. |

Internal Shift-Sort Tray (GH3304)

| **Paper Sizes** | 5.5" x 8.5" – 12" x 18" |
| **Paper Weights** | 14 – 68 lb. Bond / 140 lb. Index (52 – 256 g/m²) |
| **Paper Capacity** | 250 sheets (8.5" x 11" or smaller) |
| **Stack Capacity** | 125 sheets (8.5" x 14" or larger) |
| **Weight** | Approx. 4.4 lbs. |

**250-Sheet Bypass Tray**

| **Stack Capacity** | 50 sheets (8.5" x 11") |
| **Staple Capacity** | 50 sheets (8.5" x 11") |
| **Dimensions (WxDxH)** | 10.7" x 20.5" x 31.2" |
| **Weight** | Approx. 5.5 lbs. |

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

**Inner One-Bin Tray (BN3070)**

| **Paper Sizes** | 5.5" x 8.5" – 11" x 17" |
| **Bin Capacity** | 125 sheets |
| **Paper Weights** | 16 – 50 lb. Bond / 90 lb. Index (60 – 169 g/m²) |
| **Weight** | Approx. 5.5 lbs. |

1 Please note both the Cabinet Stand or one of the paper options must be installed.

2 All finishers require Bridge Unit.
General Specifications

Printing Process
Dry Electrostatic Transfer System with Dual Component Magnetic Brush Development, 4-Drum Method

Output Speed
MP C4000: 40-ppm Full-Color/BW
MP C5000: 50-ppm Full-Color/BW

Warm-Up Time
MP C4000: 34 seconds
MP C5000: 51 seconds

First Copy Time
MP C4000: Full-Color: 6.5 sec. / BW: 3.9 sec.
MP C5000: Full-Color: 5.9 sec. / BW: 3.5 sec.

Copy Resolution
600 dpi

Copy Resolution
Automatic Reversing Document Feeder (ARDF)/Standard

Copy Capacity
Original capacity: 100 sheets
Paper size: 5.5” x 8.5” – 11” x 17”
Paper weight (simplex): 10 – 34 lb. Bond (52 – 128 g/m²)
Dimensions: 22.5” x 20.5” x 5.4”
Up to 11” x 17”

Output Capacity
Standard: 2 x 550 sheets + 100-Sheet Bypass Tray; Maximum: 4,400 sheets (w/Tandem LCT and Side LCT)

Paper Sizes
Standard: 500 sheets Face Down; Maximum: 3,625 sheets (with 3,000-Sheet Finisher + Inner 1-Bin Tray)

Paper Weights
First Paper Tray: 8.5” x 11” LCF
Second Paper Tray/Paper Bank: 6.5” x 10.5” – 11” x 17”; Bypass Tray: Width: 3.5” – 12”; Length: 5.8” – 23.6”
Tandem Large Capacity Tray: 8.5” x 11” LCF, Side Large Capacity Tray: 8.5” x 11” LCF

Printer Controller Specifications (Standard)

CPU
Intel Celeron-M 1.0 GHz

Memory
1 GB RAM and 160 GB HDD standard (optional)

Max. Print Speed
MP C4000: 40-ppm Full-Color/BW
MP C5000: 50-ppm Full-Color/BW

Print Drivers
Standard PostScript3, PCL5c, PCL 6, XPS via download; Optional: Genuine Adobe* Postscript3™ (includes PDF Direct Print), PS Driver for Mobile Printing

Max. Print Resolution
1200 x 1200 dpi

Standard Interfaces
Ethernet (10Base-T/100Base-TX), USB 2.0, USB Host UF

Optional Interfaces
Gigabit Ethernet (1000Base-T), IEEE 802.11b/g, Wireless LAN, Bluetooth, USB 2.0/SD Slot

Network/OS
Windows 2000/XP/Server 2003/Server 2008/Vista; Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 5.6, 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; SAF R3, NDPS Gateway; IBM Series; AS/400 using GS4000 Host Print Transform

Advanced Features
WS Printer Support, Advanced Print Queues (Sample Print, Locked Print, Hold Print, Stored Print), Black Overprint, CLP Simulation, Pantone Color Palette, Captioning, Classification, Classification Codes, Mail-to-Print (requires Fax and PS3 options), PDF Direct Print (requires Adobe PS3 option), Print Bridge* Support (requires Camera Direct Print card option), Booklet Support, SmartDeviceMonitor for Admin and Client, WebSmartDeviceMonitor/Web Image Monitor; Print Utility for MAC (w/Adobe PS3 option)

*Server 2008 is not included on the driver CD that ships with the system. It is available via download from the Ricoh Web site.

Security Specifications

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

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

HDD Encryption Unit (Optional): Encrypts data on HDD, so data is secure even if HDD is stolen

Other Security Features: Network Protocol On/Off, IF Filtering, SMIP v3 Support, Encryption (Address Book, Password, PDF, SSL Communication, SMB/IME, IPsec Communication), Locked (Secure Print), User Authentication (Windows/AD/LDAP with Kerberos Authentication (External), Basic and User Codes (Internal), 802.1x Wired Authentication, WPA/WPA2 (Wi-Fi), Protect Access Support), and more

Printer Specifications

First Copy Time
MP C4000: 3.5 sec. / 4.9 sec.
MP C5000: 50-ppm Full-Color/BW

Print Resolution
1200 x 600/400/300/200/100 dpi (1,200 dpi Internet Fax by E-mail (T.37); IP Fax)

Facsimile Specifications (Optional)*

Fax Option Type C5000 (Standard on SPF model)

Type
ITU-T (CCITT) G3, additional G3 (optional)

Circuit
PSTN, PBX

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

Modem Speed
33.6K – 2,400 bps w/Auto Fallback

Compression Method
MH, MR, MMR, JBIG

Transmission Speed
G3: Approximately 2 seconds/page (w/IBIG); G3: Approximately 3 seconds/page (w/MMR)

Scan Speed
0.35 seconds/page LCF (Standard/Detail Mode), 0.64 seconds/page LCF (Super Fine Mode)

Auto Dialing
2,000 Quick Dial, 100 Group Dial (500 numbers per group)

Memory Capacity (SAF)
Standard 4 MB (approximately 320 pages); Maximum 28 MB (2,240 pages)

Additional Modes
Internet Fax by E-mail (T.37); IP Fax (T.38); LAN Fax, Fax Forward to E-mail/SMTP; LDAP Support

Options
Additional G3 Lines (up to 2); Fax SAF Memory, Telephone Handset

* FAXing is standard on the MP C4000 SPF/C5000 SPF models.

Additional Accessories

File Format Converter, Key Counter Bracket, JAVA VM Card for Embedded Software Architecture™ Applications, Optional Counter Interface, USB 2.0/SD Slot (for Scan-to-Media), Camera Direct Print Card, Fiery® Print Controller

Supplies and Consumables*

Black Toner
23,000 pages

Cyan, Magenta, Yellow Toner
17,000 pages each

* Toner yields based on 5% coverage.

Printed in U.S.A. on recycled paper because Ricoh cares.