Ricoh Aficio MP C2050/MP C2550

Working harder isn’t always enough when you need to outperform your competition or meet tight deadlines. You also have to work faster... more efficiently... and smarter. And all the while paying careful attention to your bottom line. That’s why the RICOH® Aficio® MP C2050/MP C2550 are so groundbreaking. These incredibly versatile systems make it affordable to add attention-grabbing color. Plus with the optional internal finisher, you can create finished documents without sacrificing floor space. No matter what document tasks you handle every day, the Ricoh Aficio MP C2050/MP C2550 are the smart choice.
**Smart, Cost-Saving Technology**

The Ricoh Aficio MP C2050/MP C2550 deliver the capabilities of a world-class MFP with a total cost of ownership that meets the needs of budget-conscious users.

- Maintain high productivity for every job. Deliver up to 25 pages-per-minute for full-color and black & white documents, from daily correspondence and Web pages to financial reports, customer presentations and proposals.
- Conserve energy and save money at the same time. Return these devices to a ready condition quickly with a warm-up time of 25 seconds and a first copy of 6.5 seconds for black & white and only 9.5 for full-color.
- Print critical documents in color while saving paper and filing space. Both systems can deliver two-sided documents at nearly 100% of simplex speed.
- Reduce costs and enhance your company’s image. These four-in-one MFPs offer color output that is less expensive than inkjet—so you can cost-effectively create professional documents that impress your most important customers.
- Keep outsourcing costs down—and confidential documents in-house. With your own color device, you get the color you want without relying on expensive outside vendors.
- Expect superior uptime and reliability from a MFP design that incorporates proven technology for document feeding, scanning and paper handling.

**Smart Design and Operation**

With one of the smallest footprints in its class, these systems do not take up valuable real estate. The user-friendly design also includes features that make it easy to complete any task in seconds.

- Save space with a compact design that lets you choose the configuration that is right for you. You can even add finishing capabilities—with a minimal increase to the system's original footprint.
- Navigate through any job easily with the 8.5” full-color W-VGA display. Users can preview stored documents for accuracy prior to output or view animated graphics for operational assistance.
- Enjoy a user-friendly design with overhand/underhand grips on paper trays and simple toner replacement.

**Powerful Printing, Smart Results**

The Ricoh Aficio MP C2050/MP C2550 provide plenty of power for demanding network printing.

- Print your jobs faster and easier with a 533 MHz processor and up to 1GB RAM.
- For powerful print performance, these systems offer the innovative, icon-driven Ricoh Refined Print Command Stream (RPCS) driver, as well as PCL5c/6, XPS and optional genuine Adobe® PostScript®3™ drivers.
- Captivate your customers with vivid color and black & white documents that feature crisp resolution up to a maximum of 1200 dpi.
- Accommodate offices with a variety of networking needs. The systems integrate seamlessly in Windows, Macintosh, UNIX or AS/400 environments with standard 10Base-T/100Base-TX Ethernet and USB 2.0 interfaces, as well as optional Gigabit Ethernet and wireless connectivity.
Versatile Capabilities in a Compact Design

Everything You Need in a Single System

The new Scan-to-Media feature allows you to take scanned documents with you in seconds with the USB/SD card slot (optional/shown).

With the available Locked (Secure) Print function, users can suspend document printing until a password is entered at the device to release the document.

The 100-Sheet Inner One-Bin Tray (optional/shown) separates copy output from prints and faxes.

The Internal Shift-Sort Tray (optional/shown) separates finished sets for easy pickup and delivery.

Produce professionally finished documents in-house with the 500-Sheet Internal Finisher with optional 2 & 3 hole-punching (optional/shown).

Add the 1 x 500-Sheet Paper Bank (optional) with a lower height that allows access to all users. The 2 x 500-Sheet Paper Bank (optional/shown) increases total paper capacity to 1,600 sheets. Up to five different paper sizes and orientations can be loaded for maximum versatility.
Handle one- and two-sided originals up to 11” x 17” with ease, using the **standard 50-Sheet Automatic Reversing Document Feeder (shown)**.

Use the **optional Side Tray (shown)** for an additional 50 sheets of output capacity.

The intuitive **full-color Control Panel** makes it simple to program jobs quickly.

Each of the **two standard front-loading Paper Trays** holds 250 sheets. The **standard Bypass Tray** holds an additional 100 sheets. All three accept a variety of paper types and weights.

**Ricoh’s PxP™** toner ensures vibrant color output for all of your business documents and is environmentally friendly.

Cut paper usage in half with **standard automatic two-sided (duplex) output**.

The **standard Document Server** is a secure, virtual filing cabinet that stores up to 2,000 documents. Frequently used documents can be re-printed, re-faxed, and re-sent.

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**Ricoh Aficio MP C2050/MP C2550**
Smart, Time-Saving Features

The Ricoh Aficio MP C2050/MP C2550 make it affordable for smaller organizations and workgroups to take advantage of features normally reserved for more expensive devices.

- Distribute scanned files to any e-mail address instantly with Scan-to-Email, which does not require a dedicated server or additional software.
- Upload documents to a shared server for easy transfer with Scan-to-FTP. Or send files to a local server for automatic archiving with Scan-to-Folder.
- Store scanned documents directly to a USB memory device or SD memory card with Scan-to-Media for instant portability.
- Use High Compression PDF to dramatically reduce the file size of color documents. This alleviates the problem of large documents slowing down your network while still producing high-quality prints.
- Create sophisticated scanning workflows that can be recalled at the touch of a button with WSD scanning, which is compatible with Web Services On Devices for Windows Vista®.

The Smart Way To Finish

Paper handling has never been so versatile in a MFP this small. Use a variety of paper stocks and sizes, then finish your documents completely in-line.

- Create finished documents without sacrificing floor space. Both systems offer an optional internal finisher, which has stapling and optional hole-punching.
- Print or copy spreadsheets, newsletters or other large documents on 11” x 17” paper. Or use the Bypass Tray for full-bleed output on up to 12” x 18”.
- Keep productivity high for a variety of workgroup sizes with a total paper capacity of up to 1,600 sheets, a standard 50-Sheet Automatic Reversing Document Feeder and three standard paper sources.
- Produce postcards, posters, report covers and other documents on thick or unique stocks.

Smart, Versatile Performance

Small offices and workgroups can add full-color capabilities and replace up to four separate devices with the Ricoh Aficio MP C2050/MP C2550.

- Just plug in and log on to take advantage of efficient full-color network printing or copying.
- Send critical documents to customers, colleagues and other business partners with speed and convenience using an extensive array of Scan-to capabilities.
- Distribute fax documents quickly and easily with a Super G3 fax modem and 2,000 Quick Dials. Or reduce costs with advanced IP (T.38) and Internet (T.37) faxing technologies.

Reduce network traffic and transmit files more efficiently with Scan-to-URL, which stores documents on the system’s Hard Disk Drive. Recipients can view and download the files from any Web browser.

Use the Bypass Tray to print on a wide range of paper sizes, including envelopes.

Forward incoming faxes to an e-mail address or folder, so users can receive important documents no matter where they are.
Smart Businesses Require Efficient Systems

Unlike many other devices in its class, the Ricoh Aficio MP C2050/MP C2550 come packed with time-saving features that make daily tasks easier.

- Print a PDF or JPEG attachment automatically 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.
- Reduce wait-time and network traffic with PDF Direct Print, which allows you to print PDFs without having to open them in Adobe® Acrobat®.
- Allocate print jobs to specific clients, workgroups or projects for chargeback using the Classification Code feature.
- Plug a PictBridge®-enabled digital camera into the MFP and print full-color photos in seconds.

A Smart, Secure Choice

The Ricoh Aficio MP C2050/MP C2550 include the features required to increase security and ensure easy network administration.

- Add color to your workflow without the risk of abuse. Several levels of authentication let you confirm user identity and control access to color printing, scanning and other functions.
- Prevent confidential documents from unauthorized viewing with Locked Print. It requires a password before it releases any file for output and deletes the file automatically from the MFP hard drive. You can also print and delete multiple documents in a single operation.
- Protect sensitive information with the DataOverwriteSecurity System (DOSS) option, which automatically overwrites the hard drive. Or use the optional HDD encryption option to protect your valuable data even if the hard drive is stolen.
- Reduce the risk of wiretapping with encrypted PDF transmission. This feature encrypts PDF data prior to transmission via Scan-to-Email and Scan-to-Folder.
- Encrypt all e-mail transmissions and defend against unauthorized network interception with S/MIME (Secure/Multipurpose Internet Mail Extensions).

Utilities for Smart Management

- Manage the Ricoh Aficio MP C2050/MP C2550 remotely. Administrators can view system details, settings and supply status—all from a standard Web browser.
- Identify cost-saving opportunities instantly with Ricoh @Remote™, a service solution that automatically collects device data (including meter reads), enables remote management, sends service and toner alerts and allows you to reduce Total Cost of Ownership (TCO) even further.
- Streamline your most important workflows with Embedded Software Architecture™, a Java-compatible Software Development Kit (SDK) that enables you to create unique applications.

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 Modes
- Duplex and Combine Copy Modes
- Energy-Saving PxP™ Toner
- Low Noise Levels
- Minimal Ozone Emissions
- Restriction of Hazardous Substances (RoHS) Compliant
Ricoh Aficio MP C2050/MP C2550

System Specifications

General Specifications

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

Output Speed
(Copy/Print) 20 ppm BW & Full-Color

Warm-Up Time
25 seconds

First Copy Time
Full-9 seconds

Copy Resolution
600 x 600 dpi

Document Feeder
Automatic Document Feeder (Standard) Feeder (ARDI)

Original Capacity
50 sheets

Paper Size
5.5” - 8.5” x 11” x 17”

Paper Weight
Simplex: 11 lb. to 34 lb. Bond

Input Capacity
Standard: 2 x 250 sheets + 100-Sheet Bypass Tray

Output Capacity
Maximum: 1,600 sheets

Copy Multiple Copies
Up to 11 x 17”

Copy Size
11” x 17” maximum (full-bleed on 12” x 18”)

Scanner Specifications (Standard)

CPU
RM7035C, @ 533MHz, Embedded

Memory
768 MB (512 MB + 256 MB RAM (Standard))

Max. Print Speed
16 -28 lb. Bond (60 - 105 g/m²)

Page Description
PCL5c, PC16, XPS, RCP (Standard)

Languages
Genuine Adobe® PostScript™3

Max. Print Resolution
1200 x 1200 dpi

Standard Interfaces
10Base-T/100Base-TX Ethernet (RJ-45), USB 2.0 Device, USB 2.0 Host IF

Optional Interfaces
IEEE 1284 Interface Board Type A, Bluetooth Ethernet Type A

Network Protocols
TCP/IP (IPv4, IPv6), IPX/SPX, AppleTalk (Auto-Switching)

Fonts for PCL
45 Intelifonts, 13 International Fonts, 6 Bitmaps

Fonts for PS3
136 Roman

Operating Systems
Windows 2000/XP/Vista/Server

Facsimile Specifications (Optional)*

Transmission Speed
4 pages/minute (Standard Mode)

Compression Method
G3

Modem Speed
20.7 Kbps (G3)

Circuit
PSDN, PBX

Resolution
200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi, 1200 dpi[8]

Modem Speed
33.6 K - 2400bps with Automatic Shift Down

Compression Method
MR, MJ1, MM1, MMR, JBIG

Transmission Speed
G3: Approx. 2 seconds/page (w/MMR compression)

Document Server (Standard)
Capacity
60 GB (shared with other functions)

Max. Stored Documents
2,000 pages

Max. Pages per Document
21.7“ x 20.5“ x 10.7“

Dimensions (Wx Dx H)

Security

Auto Color Selection (ACS), Auto/Mandual Density Control, Copy Mode - Photo Type Selection (Printed, Glossy, & Copied Photo), Combine Mode, Shift/Erase/Margin, CopyStap/Chapter Sheets, Color Creation Modes, Image Creation Modes, Stamps/Stamping, Color Adjustment, Image Adjustment, Image Rotation, Job Book (10), User Codes (440), Job Reset (8), Sample Copy, Batch Mode & SADF Mode

Copy DataoverwriteSecurityUnit (DQSS) Type I (Optional) - Security feature that overwrites latent data on the system's hard drive after copy, scan, fax and print jobs.

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

HDD Encryption Unit Type A (Optional) - This function encrypts the system's hard drive using 256 bits (AES) to protect against data theft.

Other Security Features - SNMP v3 and Data Encryption (password/hardbook) - Locked Secure Print, User Codes, Basic Authentication; WPA (Wi-Fi Protect Access Support), P1sec Communication; Windows/LDAP Kerberos Authentication; B0.1x Wired Authentication; SSL; SMIME, Network Protocol On/Off, IP Filtering (Access Control), Mask Type for Copying and more.

Hardware Accessories

Paper Feed Unit (PB3070)

Paper Capacity
500 sheets x 1 Tray

Paper Sizes
7.25” x 10.5” to 11” x 17”

Paper Weights
14 - 28 lb. Bond (60 - 105 g/m²)

Dimensions (WxDxH)

Cabinet Type FAC43

Internal 500-Sheet Finisher Type C2550

Paper Sizes
5.5” x 8.5” to 12” x 18”

Paper Weights
14 - 34 lb. Bond (52 - 128 g/m²)

Stack Capacity
Maximum: 250 sheets (8.5” x 14” or larger)

Staple Capacity
50 sheets (8.5” x 11”) or larger

Staple Sizes
7.25” x 10.5” to 11” x 17”

Staple Positions
Landscape - Top Left Corner, Top Left Sided, and 2-Left Sided; Portrait - Top Left Corner, Bottom Left Corner, 2-Top Sided, and 2-Left Sided.

Dimensions (WxDxH)
21.1” x 20.7” x 8.1” (535 x 525 x 205 mm)

20-Pinch Punch Unit Optional (PB3080) available for Internal Finisher.

Internal Shift-Sort Tray SH3080

Paper Sizes
5.5” x 8.5” to 12” x 18”

Paper Weights
14 - 28 lb. Bond (60 - 105 g/m²)

Dimensions (WxDxH)

Inner One-Bin Tray (BN3060)

Paper Sizes
5.5” x 8.5” to 11” x 17”

Paper Weights
14 - 28 lb. Bond (60 - 105 g/m²)

Dimensions (WxDxH)

Side Tray Type C2550

Paper Capacity
50 sheets

Paper Sizes
5.5” x 8.5” to 12” x 18”

Paper Weights
14 - 28 lb. Bond (60 - 105 g/m²)

Dimensions (WxDxH)
18.9” x 18.9” x 6.7” (480 x 480 x 170 mm)

Consumables*
Black Toner Cartridge: 10K
 Cyan, Magenta, & Yellow: 5.5K

*Yield values based on 5% coverage.

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