Aficio™ MP C4000/C5000

Outstanding Multifunctional performers
in B&W and Colour Processors

Copy, print, Scan, Fax

That's really just the beginning.
Today, multifunction devices have amazing capabilities. They can copy, print, fax and scan. They can output in amazing colour and quality. They can produce hard copies at faster speeds. They can take scans and make them more usable.

But at Ricoh we go further. This is part of our motto "Believe in a better way".
Our products are integrated into your business to be intuitive. This means that they can help provide solutions beyond their original capacity. This is thanks to our Business Solutions Group who can find better ways for you to do business using a Ricoh device. It's about having documents readily accessible in a variety of forms that are usable and flexible. Organising, filing and getting them out. Not only will it improve your organisation's efficiency and productivity, but you'll reduce your impact on the environment as well.

Intuitive, faster and more reliable… with great results

The total package

Our multifunction devices are faster, more reliable, and produce better documents. But even better – we've made it easier to not print.

Reduce your print volumes and make your soft copies more usable. It's now even easier to share information. In a nutshell, the Aficio™MP C4000/C5000 now offers:

Scanning

- Easily digitise your documents to soft copy for easy electronic distribution
- Scan directly to email to share information quickly
- Scan directly to folder/s on your network to secure information within your organisation
- Scan information via URL keeping scanned files accessible on the copier
- Scan directly to an external USB or SD card

Faxing

- Distribute incoming faxes electronically either to email addresses or network folders
- Reduce costs by using the Internet for long distance faxing to email

Copy/Printing

- Fast print speed in B&W and Colour:
  - Aficio™MP C4000: 40ppm
  - Aficio™MP C5000: 50ppm
- First copy out speeds:
  - MP C4000:   B&W: 3.9 seconds
                     Colour: 6.5 seconds
  - MPC 5000:   B&W: 3.5 seconds
                     Colour: 5.9 seconds
- Fast warm-up time of less than 34 seconds for the MP C4000 and 51 seconds for the MP C5000, ensures environmental efficiency

Secure

- Flexible authentication access prevents unauthorised use to selected functions
- Print data encryption protects against the theft and illegal copying of data as it passes through the network
- Print documents can be secured with a security watermark to prevent re-copying/scanning/faxing
- The Hard Disk Drive can be secured by encryption to protect active data and data overwrite security

Conserving

- Improved fine toner provides higher image quality and is more environmentally friendly
- Energy Star rated to provide high level energy efficiency through advanced power management
- One efficient design does it all in hard or soft copy: Copying, printing, faxing and scanning

We've reduced our carbon footprint. Have you?

Ricoh's commitment to the environment spans back three decades, long before the environment became a hot topic globally. What this means is that you gain the benefit of our expertise in this area to minimise your own 'carbon footprint'.

We have been consistently recognised for our efforts in reducing our global impact on the environment.

- Ricoh has been awarded one of the Global 100 Most Sustainable Corporations for four years running
- In 2002 Ricoh was ranked first in the world for corporate responsibility rating by Oekom Research AG of Germany
- In 2003 Ricoh received the prestigious WEC Gold Medal from the World Environment Centre, the first company from the Asian region to be honoured
- We have committed to aggressively lower our environmental impact by 20% in 2010
- Our production plants globally are zero-waste-to-landfill

Raising the bar
for document management

Impressive colour

Boost your business image with high-impact colour documents. The MP C4000/C5000 ensure that you obtain expert results with impeccable detail and sharp images. For special applications like menu cards and cover pages, the devices handle stock of up to 256 g/m². Everything is available to increase the effect of your business communication!
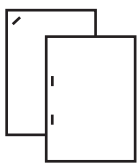
Complex tasks made easy

Designed to simplify your daily workflow, the MP C4000/C5000 allow you to create first-class documents with the greatest ease.
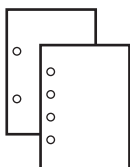- Advanced widescreen colour LCD touch panel for straightforward usability.
- Simplified display showing only your most frequently used functions.
- Animated user guidance in case of irregularities.
- Easy-handling paper trays for increased accessibility.
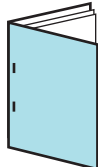- Simple and fast toner replacement.

Experts in finishing

Why resort to expensive outsourcing when you can create professionally-finished documents in-house? The MP C4000/C5000 offer an entire range of possibilities to meet your needs. Staple and collate with the 1,000-sheet or 3,000-sheet finisher. Alternatively, create attractive sales, training and presentation material with the 2,000-sheet booklet finisher or use an internal 250-sheet shift sort tray to save space.

Stapling   Hole punching   Saddle stitch

Paper Trays 2 x 550-sheet

Paper Tray(s) 2 x 550-sheet or 1 x 2000-sheet tandem tray

Optimal document management

For streamlined document handling, all your print, copy, fax and scan data can be stored and managed. Simply access the device via the widescreen colour LCD touch panel. Then browse through your stored data in a list or with thumbnail view. Web Image Monitor provides extensive management functions anywhere, anytime. Retrieve, view, re-organise, change or delete stored data and files through a web browser at your convenience.

Efficient printing

With RPCS™'s icon-based interface, any print job is only one click away. You can even save your own print settings under a personal icon for future one-click use. Additionally, the MP C4000/C5000 boast a number of practical print functionalities:

- Protect documents with a password.
- Hold print jobs until a more convenient time.
- Produce print samples to avoid misprints.
- Store print jobs for quick and easy reprinting.

Bypass Tray 100-sheet

Advanced business faxing

Turn your fax communications into a very smooth-running and efficient workflow. A wealth of smart capabilities is at your disposal:

- Automatically distribute incoming faxes to e-mail or folder.
- Forward faxes to a single person or an entire workgroup for optimum efficiency.
- Inbound fax messages automatically go to the right person. You eliminate the distribution of printed faxes and save costs.

Optional 1,200 sheet LCT tray

Cost-saving Internet faxing

Reduce costs and optimise efficiency by using the Internet for long distance faxing. Not only do you save the cost of international phone calls, you also increase your productivity. Internet faxing is as easy as sending an e-mail.

Easy on the environment

Like all Ricoh products, the Aficio™MP C4000/C5000 reflect Ricoh's commitment to the environment with the usage of toxic free materials* and minimum emissions. Significant energy savings are also obtained thanks to advanced new power saving modes.

We are using our expertise in innovation to deliver products that exceed in both performance and environmental sustainability.

- The Aficio MP™C4000/C5000 is energy star rated to provide high level energy efficiency through advanced power management and Quick Start Up technology.
- By using Ricoh's Toner Cartridge Takeback Program you can ensure your toner cartridges are fully recycled with zero-waste-to-landfill
- Our free Toner Cartridge Takeback Program has over 7,900 collection boxes in use across Australia and has diverted 436 tonnes of consumables from landfill.
- We are developing a plant based plastic for our toners. Replacing the world's inventory with plant-based resin would reduce carbon dioxide emissions by approximately 120,000 tons per year.

*The 'Restrictions on Hazardous Substances (RoHS)' directive limits the use of substances such as lead, cadmium and hexavalent chromium in electronic goods.

Our earth, Our tomorrow

It's there to do more than just copy-print-scan-fax

The Aficio™MP C4000/C5000 can be tailored to specialise in office tasks explicit to your organisation's needs. When you buy a Ricoh product, you gain access to our Business Solutions Group – a dedicated software support centre: a one-stop-shop of software solution experts in the areas of document input, management and output.

It's the ultimate multitasker

In the modern office environment, traditional standalone single-function output devices like copiers and printers have evolved into networked multifunction input/output devices.

Intuitive, faster and more reliable…
with great results

Our devices can do more –
They can help your business. How?

Ricoh has created 'Embedded Software Architecture' (ESA), a J2ME-compliant application development platform, to meet the unique business requirements of your office. Simply put, ESA is a java application placed within your multifunction device and network to provide a specific business solution. Embedded software will reduce costs and improve your office efficiency – including your office's carbon footprint.

Manage your printing

You can reduce, secure and centralise your printing easily with Ricoh's customisable solutions.

Secure your information and reduce paper use

If security is a primary concern, we have a number of programs such as Enhanced Locked Print that can turn your Ricoh device into an electronic mailbox, where documents are stored until released with a user ID and password. This eliminates security leaks and also reduces paper wastage.

Centralise often-used documents

With ESA ServerPrint™, documents stored on a central web server can be easily accessed directly from the operation panel of the Ricoh MFD in the same way as you would browse for a file on your computer. You only print what you need and eliminate wastage. ESA ServerPrint™ is ideal for distribution of student material, frequently used forms such as Quality Assurance information or reports. ESA ServerPrint™ effectively turns your MFD into a local print room enabling easy retrieval and printing from the latest controlled document master, at the touch of a button.

Improve your CRM with personalised printing

With Dataworks we can provide a solution to help create and print personalised direct mail, business forms, and transactional documents through multiple input methods. What's more, you can distribute them through a variety of electronic methods and over many devices.

Cut costs and be more efficient

IntelliPrint solutions offer numerous possibilities to modify and enhance existing processes simply and easily. You can control and reduce expensive colour printing, save money by eliminating pre-printed stationery and optimise inhouse mailings by generating your own bar codes.

Manage your documents

Web based and server based solutions allow you to store, retrieve, deliver, revise and manage documents without ever printing a hardcopy.

Ensure your information is up to date, always available and stored in a secure location. Searching for a document when you don't know the name of it, when it was created or where it was filed is a time-consuming and frustrating process. Now imagine finding that document in seconds… Ricoh offers a number of programs that can capture your documents and archive them in a central location, so that staff can access them quickly and efficiently, improving your business productivity.

We can offer a solution that can be personalised, offer security and automate tasks such as capture, archiving and distribution, depending on your needs.

Scan and send documents into usable file formats

With ESA TransFormer, a paper document can be scanned and converted into various useable documents at the touch of a button - including Microsoft® Word documents, Microsoft® Excel spreadsheets or searchable PDFs. They can then be sent to a file folder or emailed to your inbox.

Automate your document scanning and routing across your network of offices

Globalscan™ is a server based software application that transforms Ricoh MFPs into hard copy capture and distribution systems. Combining network scanning with email capabilities, it converts paper documents into useable digital files for distribution.

Manage your devices

With device management reporting, you can reduce your costs and optimise the efficiency of your Ricoh devices.

Administration issues are solved when there is only one central location to create, modify and delete users and user groups. Web Image Monitor allows users to remotely monitor and change the network configuration of Ricoh Digital copiers and printers via a web browser.

You can also monitor the status of toner levels in Ricoh printers and facsimile products, memory capacity of the document server and lists of jobs sent from any networked PC station.

Ricoh has developed SmartDeviceMonitor™, a flexible and easy-to-use utility to control networked Ricoh printers, facsimiles, scanners and MFPs. SmartDeviceMonitor™ provides an efficient method of installing, monitoring and managing shared resources. Designed for both clients and administrators, SmartDeviceMonitor™ is certain to simplify the way network users handle their daily workflow. You can be notified of errors occurring on devices as well.

- Automatic, accurate and timely meter reads and billing.
- Usage reporting for the device fleet is accessible remotely from a secure website using a web browser.
- Increased up-time and the ability to match device location to work load.
- Ability to optimise for efficiency and cost reduction.

Specifications

Copier

Copying process: One dimensional solid scanning through CCD dry electrostatic transfer printing

Copy speed B/W / full colour:

Aficio™MP C4000:	40 copies per minute*
Aficio™MP C5000:	50 copies per minute*

Resolution: Copy 600 x 600dpi, 4 bit

Multiple copy: Up to 999

Auto Reverse Document Feeder 100-sheet

Warm up time:

MP C4000:	Less than 34 seconds
MP C5000:	Less than 51 seconds

First output speed:

MP C4000:	Black and white: 3.9 seconds
	Full colour: 6.5 seconds
MP C5000:	Black and white: 3.5 seconds
	Full colour: 5.9 seconds

Zoom: 25 – 400% (in 1% steps)

Memory:

Standard: 1,024 MB + 160 GB Hard Disk Drive

Paper input capacity:

Standard:	2 x 550-sheet paper trays
	1 x 100-sheet bypass tray
Maximum:	4,400 sheets

Paper output capacity:

Maximum: 3,625 sheets

Paper size: A6 – A3

(Max 12˝ x 18˝ through the by-pass tray)

Paper weight:

Paper trays:	60 – 256 g/m²
Bypass tray:	60 – 256 g/m²
Duplex tray:	60 – 169 g/m²

Dimensions (W x D x H): 670 x 677 x 1,155mm

(Main frame with paper bank + ARDF)

Weight: Less than 130 kg (Main frame with ARDF)

Power source: 220 – 240 V, 50/60 Hz

Power consumption:

Operation:	Maximum 1.6 kW
Energy saver mode:	Less than 4.0 W

Printer

Print speed:

MP C4000:	B/W / full colour: 40 prints per minute
MP C5000:	B/W / full colour: 50 prints per minute

Printer language:

Standard:	PCL5c, PCL6, RPCS™ XPS
Option:	Adobe® PostScript® 3™

Resolution: 1,200 x 1,200 dpi

Interface:

Standard: USB 2.0

2 x USB Host I/F

Ethernet 10 base-T/100 base-TX

Option: Bi-directional IEEE 1284/ECP

Wireless LAN (IEEE 802.11a, b, g, WPA support)

Bluetooth

Gigabit Ethernet 1000 base-T

USB 2.0/SD Slot Type A

Network protocol: TCP/IP, IPX/SPX, AppleTalk

Supported environments:

Windows® 2000/XP/Vista/Server 2003/Server 2008 (TBA)

Novell® NetWare® 3.12/3.2/4.1/4.11/5.0/5.1/6/6.5

Sun® Solaris 2.6/7/8/9/10

HP-UX 10.x/11.x/11iv2/11iv3

SCO OpenServer 5.0.6/5.0.7/6.0

RedHat® Linux 6.x/7.x/8.x/9.x/Enterprise

IBM® AIX v4.3 and 5L versions 5.1/5.2/5.3

Macintosh OS 8.6 or later (OS X Classic)

Macintosh OS X v10.1 or later (OS X native)

IBM® System i5™ HPT

SAP® R/3®

NDPS Gateway

AS/400® using OS/400 Host Print Transform

Scanner

Scan speed

B&W:	63 originals per minute (LEF, A4, 200 dpi)
Colour:	60 originals per minute (LEF, A4, 200 dpi

Resolution: Maximum 1,200 dpi

(1,200 dpi TWAIN black and white, greyscale)

Original size: A5 – A3

Output formats: PDF/JPEG/TIFF/High compression PDF

Bundled drivers: Network, TWAIN

Scan-to-email: SMTP

(optionally with POP authentication)

Destination addresses: Maximum 500 per job

Stored destination addresses: Maximum 2,000

Address book: Via LDAP or locally on Hard Disk Drive, Direct Input

Scan-to-folder: SMB, FTP, NCP

Destination: Maximum 50 folders per job

Software (Standard)

- SmartDeviceMonitor™
- Web SmartDeviceMonitor™
- Web Image Monitor
- DeskTopBinder™ Lite

Fax Option

Circuit: PSTN, PBX

Compatibility: ITU-T (CCITT) G3

ITU-T (T.37) Internet fax

ITU-T (T.38) IP fax

Modem speed: Maximum 33.6 Kbps

Resolution:

Standard/detail:	200 x 100/200 dpi
Maximum:	400 x 400 dpi (option)

Compression method: MH, MR, MMR, JBIG

Scanning speed: 65spm

(A4, LEF, standard mode)

SAF Memory capacity:

Standard:	4 MB
Maximum:	28 MB

Memory backup: Yes

Option

- 2 x 550-sheet paper trays
- 2,000-sheet large capacity tray
- 1,200-sheet side large capacity tray
- Shift sort tray
- 1,000-sheet finisher
- 3,000-sheet booklet finisher
- 3,000-sheet finisher
- Punch kit
- Bridge unit
- One bin tray
- Adobe® PostScript® 3™
- Bi-directional (IEEE 1284)
- Gigabit Ethernet
- Wireless LAN (IEEE 802.11a,b,g)
- Bluetooth
- USB 2.0/SD Slot Type A
- Camera Direct Print card
- Data Overwrite Security Unit
- Optional Counter Interface
- File Format Converter
- HDD Encryption Unit
- Copy Data Security Unit
- Professional software solutions
- Fax unit
- 2nd or 3rd G3 fax lines
- SAF memory

*Single sided A4 LEF.

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