

MP C2004SP/ASP
MP C2504SP/ASP
MP C3004SP/ASP
MP C3504SP/ASP
MP C4504SP/ASP
MP C5504SP/ASP
MP C6004SP

A3 Colour MFPs

✔ Printer ✔ Copier ✔ Scanner ✔ Fax



MP C2004SP/
ASP

20
ppm
B/W
Colour

MP C2504SP/
ASP

25
ppm
B/W
Colour

MP C3004SP/
ASP

30
ppm
B/W
Colour

MP C3504SP/
ASP

35
ppm
B/W
Colour

MP C4504SP/
ASP

45
ppm
B/W
Colour

MP C5504SP/
ASP

55
ppm
B/W
Colour

MP C6004SP

60
ppm
B/W
Colour

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This sales guide is to be used by sales staff as a training aid. It is not a sales tool and should not be shared with customers. Whilst care has been taken to ensure the information provided in this guide is accurate, no liability will be accepted for errors or omissions.



1. Introduction

Ricoh's new A3 colour MFPs will fast become your customers' most valued business assets. Running quietly in the background, they effortlessly handle all needs; printing and copying in colour, neatly finishing document sets, scanning and distributing information and processing fax messages. The advanced MFPs share a common platform and with a range that includes 20, 25, 30, 35, 45, 55 and 60 ppm models, the same versatile technology can be deployed in every office.

MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series MFPs feature Ricoh's new Smart Operation Panel and are print, copy and scan enabled. Fax is an option. SP versions are supplied with an ARDF and ASP versions with a high speed SPDF (single pass duplex feed). Using the SPDF, up to 220 originals can be fed in a single batch and scanned at a speed of 110 ipm (simplex) / 180 ipm (duplex). Other functional options include PostScript and IPDS printing and OCR scanning.

Ricoh's GWNX controller, with its superfast Intel processor, manages the workflow (1.33 GHz MP C2004/C2504/C3004/C3504 / 1.75 GHz MP C4504/C5504/C6004). To save time, a Human Detection Sensor wakes the MFP instantly from sleep mode - it takes less than 1 second - and the Smart Operation Panel lights up when touched, allowing the user to select applications and settings. The Intuitive User Interface simplifies operation and Ricoh's Smart Device Connector app improves mobility by enabling users to interact with the MFP using their smart phones and tablets. The MFPs also support use of optional workflow solutions, such as Ricoh's StreamLine NX and GlobalScan NX.

The MFPs can be tailored to operational needs. The paper capacity can be extended from 1,200 sheets to 4,700 sheets (2,300 sheets MP C2004/C2504) and there is a choice of integrated finishing systems. They include Ricoh's new and unique 1,000 sheet hybrid (staple and stapleless) finisher. The eco-friendly finishing solution neatly crimps up to five sheets of paper using a punch-press action to produce finger-friendly staple-free documents. It switches automatically to a conventional staple finish for larger documents sets.

The new MFPs are capable of more than just everyday printing and copying. An embedded Fiery controller is offered as an option for MP C3004/C3504/C4504/C5504/C6004. The Fiery controller provides advanced job and colour management. Equipped with the Fiery E-23 controller, the new MFPs can be used to create eye-catching promotional materials in-house. Ricoh's advanced PXP toner has a wide colour gamut and the MFPs will produce vibrant 1,200 x 1,200 dpi resolution print output at full engine speed. They can also feed coated heavyweight SRA3 media and banner stock for posters and point of sale material.

The new models will strengthen Ricoh's A3 colour MFP range. They supersede the MP C2003/C2503/C3003/C3503/C4503/C5503/C6003 series, giving users a more responsive and intuitive experience. The market for A3 colour MFPs is expanding and higher speed segments are enjoying rapid growth as businesses look for more productive solutions. Ricoh's new A3 colour MFPs meet that need. Ready in an instant, easy to use and quietly industrious, they deliver exceptional real-world productivity.

This guide explores the functionality of the new products in more detail, highlighting sales opportunities and identifying key selling points. It also provides side-by-side competitor comparisons.



2. Quick Overview

Ricoh's MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 series is a family of advanced A3 colour multifunctional products. The new models provide colour print, copy and scan functionality as standard; and range in speed from 20 to 60 ppm. Fax is an option. To simplify operation, they are equipped with Ricoh's award winning 10.1" Smart Operation Panel and offer support for integrated workflow solutions, such as StreamLine NX. With their uniform operating systems and wide choice of speed and configuration, a common solution can be deployed in all offices.

The main specifications are:

- Full colour A3 MFPs
- 20, 25, 30, 35, 45, 55 and 60 ppm versions
- Uniform design and operation
- Colour print, copy and scan enabled
- Option to add up to 3 fax lines
- 10.1" Smart Operation Panel
- Intuitive User Interface (smart apps)
- USB/SD card reader
- GWNX controller
- 250 GB HDD [MP C2004/C2504/C3004/C3504] / 320GB HDD [MP C4504/C5504/C6004]
- SP models are equipped with a high capacity ARDF^{*1}
- ASP models are equipped with a high speed SPDF
- 1,200/4,700 sheet paper supply (standard/maximum) [2,300 maximum for MP C2004/C2504]
- 1,200 x 1,200 dpi print resolution
- PCL 5c/6 and PDF Direct (standard) / PS3, XPS, PictBridge and IPDS^{*2} (options)
- Embedded Fiery E-23C controller option [MP C3004/C3504/C4504/C5504/C6004]

^{*1} Except MP C6004SP, which is equipped with a high speed SPDF

^{*2} IPDS printing is an option for MP C4504/MP C5504/MP C6004 only

Feed and finishing options include:

- 1 x 550 sheet paper bank (PB3150) [ALL models], or
2 x 550 sheet paper bank (PB3210) [MP C2004/C2504], or
2 x 550 sheet paper bank (PB3160) [MP C3004/C3504/C4504/C5504/C6004], or
2 x 1,000 sheet large capacity tray (PB3170) [MP C3004/C3504/C4504/C5504/C6004]
- 1,500 sheet side LCT (RT3030) [MP C3004/C3504/C4504/C5504/C6004]
- 125 sheet 1-bin inner tray (BN3110) [ALL models]
- 250 sheet side tray (Type M3) [ALL models], or
250 sheet stapleless inner finisher (SR3180) [MP C2004/C2504/C3004/MP C3504], or
500 sheet inner staple finisher (SR3130) [ALL models except MP C6004], or
1,000 sheet booklet finisher (SR3220) [ALL models], or
1,000 sheet hybrid (staple and stapleless) finisher (SR3210) [MP C3004/C3504/C4504/C5504/C6004], or
2,000 sheet booklet finisher (SR3240) [MP C4504/C5504/C6004], or
3,000 sheet staple finisher (SR3230) [MP C4504/C5504/C6004]

A full list of options, order codes and configuration dependencies is provided in section 5. Configuration.

Functionality, Feeds and Speeds - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

	MP C2004SP/ ASP	MP C2504SP/ ASP	MP C3004SP/ ASP	MP C3504SP/ ASP	MP C4504SP/ ASP	MP C5504SP/ ASP	MP 6004SP
Functionality	A3 colour printer, copier and scanner (standard) / fax (option)						
Document Feed	SP models: 100 sheet ARDF (standard) / ASP models: 220 sheet SPDF (standard)						220 sheet SPDF (std)
Duplex	Automatic duplex (standard)						
Paper Supply	1,200 sheets (standard) [2 x 550 trays + 100 sheet bypass] / 2,300 sheets (maximum) [with 2 x 550 paper bank]		1,200 sheets (standard) [2 x 550 trays + 100 sheet bypass] / 4,700 sheets (maximum) [with 2 x 1,000 sheet LCT + 1,500 sheet side LCT]				
Paper Output	500 sheets (standard) / 1,625 sheets (maximum) [with internal output tray + bridge unit + 1 bin tray + 1,000 sheet finisher]				500 sheets (standard) / 3,625 sheets (maximum) [with internal output tray + bridge unit + 1 bin tray + 3,000 sheet finisher]		
First Page	BW 5.5 / FC 7.7 seconds (A4)		BW 4.6 / FC 7.1 seconds (A4)		BW 4.0 / FC 5.7 seconds (A4)	BW 3.1 / FC 4.5 secs (A4)	
Continuous	20 ppm (A4 BW & FC)	25 ppm (A4 BW & FC)	30 ppm (A4 BW & FC)	35 ppm (A4 BW & FC)	45 ppm (A4 BW & FC)	55 ppm (A4 BW & FC)	60 ppm (A4 BW & FC)
Paper Size	A6 (90 x 148 mm minimum) to SRA3/Banner (320 x 1,260 mm maximum) [using bypass]						
Paper Weights	60 to 300 gsm (standard trays, optional paper banks and LCT), 52 to 300 gsm (bypass and optional side LCT), 52 to 256 gsm (duplex)						

Volumes and Reliability - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

	MP C2004SP/ ASP	MP C2504SP/ ASP	MP C3004SP/ ASP	MP C3504SP/ ASP	MP C4504SP/ ASP	MP C5504SP/ ASP	MP 6004SP
Average Volume	3,000 pages	4,000 pages	5,000 pages	7,000 pages	10,000 pages	12,000 pages	15,000 pages
Maximum Volume	10,000 pages		20,000 pages		50,000 pages		
Duty Cycle	40,000 pages		80,000 pages		200,000 pages		
PM Cycle	60,000 pages		300,000 pages		400,000 pages		
MCBC	33,700 pages	35,800 pages	62,000 pages	69,000 pages	89,300 pages	93,000 pages	100,800 pages
Target Life	5 years or 600,000 pages		5 years or 1.2 million pages		5 years or 3 million pages		

Weights and Dimensions - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

MP C2004SP/MP C2504SP	91.6 kg / 587 x 685 x 913 mm [w x d x h]
MP C2004ASP/MP C2504ASP	97.3 kg / 587 x 685 x 963 mm [w x d x h]
MP C3004SP/MP C3504SP	95.6 kg / 587 x 685 x 913 mm [w x d x h]
MP C3004ASP/MP C3504ASP	101.3 kg / 587 x 685 x 963 mm [w x d x h]
MP C4504SP/MP C5504SP	97.7 kg / 587 x 685 x 913 mm [w x d x h]
MP C4504ASP/MP C5504ASP/MP C6004SP	103.4 kg / 587 x 685 x 963 mm [w x d x h]
Paper Feed Unit PB3160	22 kg / 587 x 685 x 247 mm [w x d x h]
Paper Feed Unit PB3150	10.9 kg / 587 x 685 x 120 mm [w x d x h]
Caster Table Type M3	1.5 kg / 445 x 315 x 143 mm [w x d x h]
Low Cabinet 45	13.5 kg / 587 x 685 x 247 mm [w x d x h]
LCIT PB3170	22 kg / 587 x 685 x 247 mm [w x d x h]
LCIT RT3030	9.8 kg / 340 x 545 x 290 mm [w x d x h]
1 Bin Tray BN3110	1.4 kg / 444 x 450 x 150 mm [w x d x h]
Internal Shift Tray SH3070	1.4 kg / 420 x 489 x 107 mm [w x d x h]
Side Tray Type M3	3.8 kg / 676 x 549 x 156 mm [w x d x h]
Internal Finisher SR3130	12.8 kg / 546 x 523 x 170 mm [w x d x h]
Internal Finisher SR3180	9.8 kg / 435 x 515 x 150 mm [w x d x h]
Bridge Unit BU3070	3.2 kg / 412 x 466 x 143 mm [w x d x h]
Finisher SR3210	27 kg / 563 x 620 x 960 mm [w x d x h]
Booklet Finisher SR3220	39.6 kg / 563 x 620 x 960 mm [w x d x h]
Finisher SR3230	33.5 kg / 657 x 613 x 960 mm [w x d x h]
Booklet Finisher SR3240	52.5 kg / 657 x 613 x 960 mm [w x d x h]

3. Sales Highlights

Essential business partners

Ricoh's new A3 colour MFPs will fast become your customers' most valued business assets. Running quietly and industriously in the background, they will effortlessly handle all document needs; printing and copying in colour, neatly finishing document sets, scanning and distributing information and processing fax messages. And, because the range extends from 20 to 60 ppm, the same versatile and easy-to-use technology can be deployed in every office and department.

- Versatile and easy-to-use answer to office and departmental document needs
- Print and copy in colour, neatly finish documents, quickly scan and distribute information
- 20, 25, 30, 35, 45, 55 and 60 ppm models share the same advanced features and easy operation
- Modular options expand functionality and automate manual process
- Provides a uniform enterprise-wide solution that can be tailored to local operational need



Intuitive and uniform user interface

Sharing the same user interface and print driver as other Ricoh devices, the new MFPs can be installed as part of a uniform enterprise-wide solution. To save time, a Human Detection Sensor wakes the MFP instantly from sleep mode - it takes less than 1 second - and the Smart Operation Panel lights up when touched, allowing the user to select applications and settings. And Ricoh's new Intuitive User Interface provides easy to use copy, scan and fax apps.

- Ricoh's Smart Operation Panel and universal print driver provide a uniform platform
- To save time, a Human Detection Sensor wakes the MFP from sleep mode
- The Smart Operation Panel lights up when touched, allowing the user to select settings
- Ricoh's new Intuitive User Interface provides easy-to-use copy, scan and fax apps
- Time saving apps, such as ID Card Copy and Conference Concierge, can be downloaded



Easy integration with smart devices

The new MFPs can interact seamlessly with users' smart devices. Ricoh's Smart Device Connector app supports NFC (near field communication) and QR barcode connection. The application can be used to scan a document to a users' smart device, or to print out a document received via Facebook, Messenger or email. It can also be used as an interactive address book, enabling users to send documents via the MFP to their own personal contacts.

- The MFPs improve workforce mobility by interacting with users' smart devices
- Ricoh's Smart Device Connector app supports NFC and QR barcode connection
- Smart Device Connector can be used to scan a document to a users' smart device
- And to print documents received via Facebook, Messenger or email
- Users can send documents via the MFP to their own personal contacts



Secure and compliant workflow

Ricoh's GWNX controller, with its superfast Intel processor, manages the workflow and accounts for usage. The administrator can predetermine scan settings, print output can be locked until released by the originator and security information can be appended to each and every document. The new MFPs also support optional workflow solutions, such as StreamLine NX, which enables follow-you printing, and GlobalScan NX, which integrates paper documents into a digital workflow.



- Ricoh's superfast processor ensures responsive performance (1.33 GHz MP C2004/C2504/C3004/C3504 / 1.75 GHz MP C4504/C5504/C6004)
- Securely manage document workflows and account for usage
- Save scanned documents with searchable text (requires OCR option)
- Lock print output and append security information to every document
- Deploy optional workflow solutions, such as StreamLine NX and GlobalScan NX

Tailored to operational need

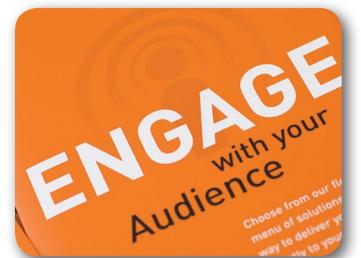
The new MFPs can be tailored to operational need. The paper capacity can be extended from 1,200 sheets to 4,700 sheets (2,300 sheets MP C2004/C2504) and there is a choice of integrated finishing systems. These include Ricoh's innovative hybrid finisher. The system neatly crimps up to five sheets of paper using a punch-press action to produce finger-friendly staple-free document sets, switching automatically to a more conventional staple finish for larger documents sets.



- Options such as fax, PostScript printing and OCR scanning expand functionality
- Equipped with the IPDS print option (MP C4504/5504/6004 only), the MFPs can print directly from mainframe systems
- There is a choice of integrated feed and finishing systems
- Innovative hybrid finisher option produces neatly crimped staple-free documents (30 to 60 ppm models)
- The booklet finisher staples regular document sets and produces saddle-stitched booklets

Expanding business horizons

The new MFPs are capable of so much more than just everyday printing and copying. They can be used by customers to create eye-catching promotional material in-house. The new MFPs boast a wide colour gamut and produce vibrant high resolution output. They can also feed coated heavyweight SRA3 media and banner stock for posters and point of sale material. An embedded Fiery controller provides advanced job and colour management (option for MP C3004/C3504/C4504/C5504/C6004).



- Create eye-catching promotional material in-house
- Vibrant high resolution output (1,200 x 1,200 dpi) is delivered at full engine speed
- The new MFPs will feed coated heavyweight SRA3 media and banner stock
- Print full-bleed brochures and produce banners, posters and point of sale material
- The optional booklet finisher professionally folds and saddle stitches booklets

4. Product Positioning

- Advanced full colour A3 MFPs
- Workgroup multifunctional solutions for the general office
- 20, 25, 30, 35, 45, 55 and 60 ppm versions
- Uniform design, common functionality and simple operation
- Succeeds MP C2003/C2503/C3003/C3503/C4503/C5503/C6003 series
- 10.1" Smart Operation Panel and Intuitive User Interface (smart apps)

The MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series is a family of advanced A3 colour MFPs. Designed for office use, the workgroup MFPs are network ready, provide print, copy and scan functionality as standard and are supplied with either an ARDF (SP models) or a high speed SPDF (ASP models and MP C6004SP). Because they offer a wide choice of speed and configuration, the same versatile technology can be deployed in every office, ensuring a uniform and effective enterprise solution.

They new models supersede the MP C2003/C2503/C3003/C3503/C4503/C5503/C6003 series. The most significant improvement is the inclusion, as standard, of the Ricoh's new 10.1" Smart Operation Panel. The Intuitive User Interface simplifies operation and Ricoh's

Smart Device Connector app supports workforce mobility by allowing users to interact with the MFP using their smart phones and tablets.

A new Intel-based CPU provides impressive processing power and improves responsiveness. To save time, the new MFPs sense when a user is approaching and power up ready for use. The intelligent Human Detection Sensor wakes the MFP instantly from energy saving sleep mode - it takes less than 1 second - and the Smart Operation Panel lights up when touched, allowing the user to select applications and settings. Other enhancements include the introduction of a new 1,000 sheet hybrid staple and stapleless finisher (unique to Ricoh), best-in-class TEC ratings, support for heavier media weights (300 gsm from any tray) and banner printing (up to 320 x 1,260 mm).

Ricoh MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series Positioning vs Competitors



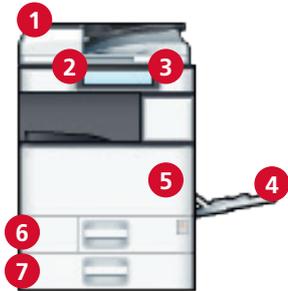
5. Configuration

Standard Configuration

The new MFPs provide print, copy and colour scan functionality as standard. Fax is an option. SP versions are supplied with a high capacity ARDF* and ASP versions with a high capacity SPDF. All models are supplied with 2 x 550 sheet paper trays, a 100 sheet bypass and a duplex. The new MFPs feature Ricoh's 10.1" Smart Operation Panel and are supplied with a hard drive and a VM card.

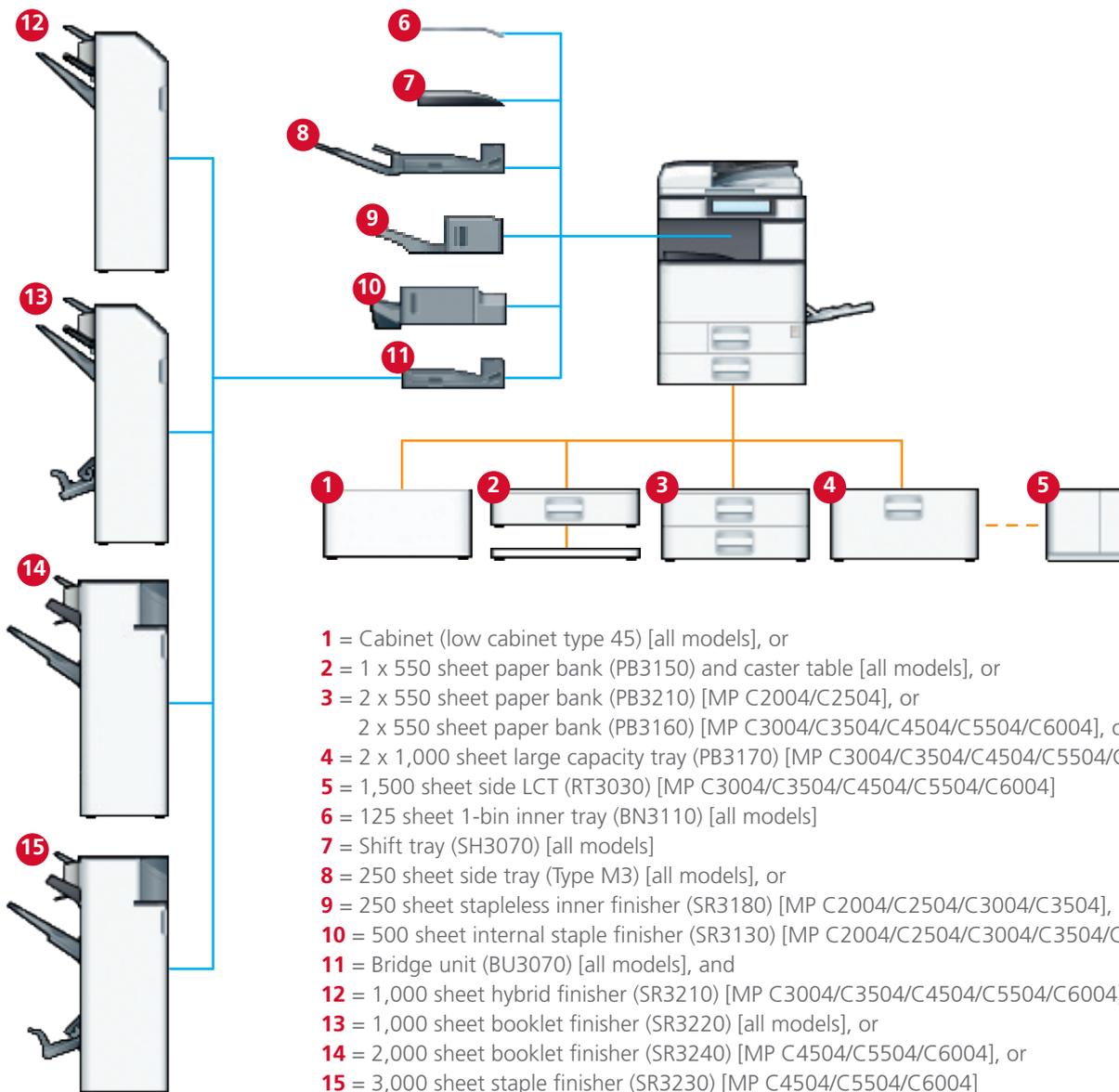
* Except MP C6004SP, which is equipped with a high speed SPDF

Mainframe



- 1 = 100 sheet ARDF [MP C2004SP/C2504SP/C3004SP/C3504SP/C4504SP/C5504SP], or 220 sheet SPDF [MP C2004ASP/C2504ASP/C3004ASP/C3504ASP/C4504ASP/C5504ASP/C6004SP]
- 2 = 10.1" Smart Operation Panel
- 3 = USB/SD card slot
- 4 = 100-sheet bypass tray
- 5 = Duplex [internal, not shown]
- 6 = 550-sheet paper tray
- 7 = 550-sheet paper tray

Peripheral Options



- 1 = Cabinet (low cabinet type 45) [all models], or
- 2 = 1 x 550 sheet paper bank (PB3150) and caster table [all models], or
- 3 = 2 x 550 sheet paper bank (PB3210) [MP C2004/C2504], or 2 x 550 sheet paper bank (PB3160) [MP C3004/C3504/C4504/C5504/C6004], or
- 4 = 2 x 1,000 sheet large capacity tray (PB3170) [MP C3004/C3504/C4504/C5504/C6004]
- 5 = 1,500 sheet side LCT (RT3030) [MP C3004/C3504/C4504/C5504/C6004]
- 6 = 125 sheet 1-bin inner tray (BN3110) [all models]
- 7 = Shift tray (SH3070) [all models]
- 8 = 250 sheet side tray (Type M3) [all models], or
- 9 = 250 sheet stapleless inner finisher (SR3180) [MP C2004/C2504/C3004/C3504], or
- 10 = 500 sheet internal staple finisher (SR3130) [MP C2004/C2504/C3004/C3504/C4504/C5504], or
- 11 = Bridge unit (BU3070) [all models], and
- 12 = 1,000 sheet hybrid finisher (SR3210) [MP C3004/C3504/C4504/C5504/C6004], or
- 13 = 1,000 sheet booklet finisher (SR3220) [all models], or
- 14 = 2,000 sheet booklet finisher (SR3240) [MP C4504/C5504/C6004], or
- 15 = 3,000 sheet staple finisher (SR3230) [MP C4504/C5504/C6004]

Functional Configuration

Functional Configuration - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series			
	MP C2004/C2504SP and ASP models	MP C3004/C3504 SP and ASP models	MP C4504/C5504/C6004 SP and ASP models
Functionality	Colour print, copy and scan (standard) / fax (option)		
Interfaces	<p>Control Unit: Ethernet [RJ-45 network port, 10Base-T/100Base-TX/1000Base-T], USB Host I/F [Type A:2 Port] (standard) / IEEE1284/ECP, Wireless LAN [IEEE802.11a,b,g,n], Bluetooth,USB2.0 [TypeB], Ethernet [RJ-45 network port : 10Base-T/100Base-TX/1000Base-T] with optional USB device server option (options)</p> <p>Operation Unit: Wireless LAN [IEEE 802.11 b/g/n 2.4GHz Band only]*, Bluetooth 4.0*, SD Card Slot [1Slot/Support SDHC Memory Card], USB Host [Type A:1Port/Support USB Flash Memory] (standard) / USB Host [Type A:1Port/Support Keyboard etc]*, USB Host [Type Mini B:1Port/Support NFC IC Card RW]*, microSD card slot [for expansion of ROM storage of the operating unit]* (options) *Doesn't support printing</p> <p>Other: NFC Tag [SO14443 Type A, NFC Forum Type2 Tag Compliant]* (standard) / - (options) *Doesn't support printing</p>		
Print Drivers	PCL5c/6(XL), PDF (standard) / PS3, XPS, PictBridge (options)		PCL5c/6(XL), PDF (standard) / PS3, IPDS, XPS, PictBridge (options)
Memory	2 GB RAM (standard) / 4 GB RAM (maximum) and 250 GB Hard Disk Drive (standard)		2 GB RAM (standard) / 4 GB RAM (maximum) and 320 GB Hard Disk Drive (standard)
Fiery Controller	-	Fiery E-23C Colour Controller (option): FS150 platform, Intel Processor G850 2.9GHz, 2GB RAM, 500 GB HDD, 1000BASE-T/100BASE-TX/10BASE-T interface, PCL6/5c and Adobe PostScript 3 drivers	
Security	Data Overwrite Security (standard) / Data Overwrite Security (for customers requiring Common Criteria certification before the mainframe is certified), Enhanced Security HDD, Counter Interface (optional)		
Other	VM Card (standard) / Fax, G3 Interface Unit, Fax Connection Unit, Unicode Font Package, OCR Unit, File Format Converter (options)		

More peripheral and functional upgrade options are listed below (see EDP Codes and Dependencies)

EDP Codes and Dependencies

EDP Codes and Dependencies - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series					
Category	Item	Product Name	EDP Code	Must Install	Cannot Install
Mainframe	20 ppm MFP with SPDF	MP C2004ASP	417553	OI Kit	LCT, Side LCT, 1000 Sheet Hybrid Finisher, 2000 Sheet Booklet Finisher, 3000 Sheet Finisher, IPDS Unit
	20 ppm MFP with ARDF	MP C2004SP	417552	OI Kit	LCT, Side LCT, 1000 Sheet Hybrid Finisher, 2000 Sheet Booklet Finisher, 3000 Sheet Finisher, IPDS Unit
	30 ppm MFP with SPDF	MP C2504ASP	417555	OI Kit	LCT, Side LCT, 1000 Sheet Hybrid Finisher, 2000 Sheet Booklet Finisher, 3000 Sheet Finisher, IPDS Unit
	30 ppm MFP with ARDF	MP C2504SP	417554	OI Kit	LCT, Side LCT, 1000 Sheet Hybrid Finisher, 2000 Sheet Booklet Finisher, 3000 Sheet Finisher, IPDS Unit
	30 ppm MFP with SPDF	MP C3004ASP	417455	OI Kit	2000 Sheet Booklet Finisher, 3000 Sheet Finisher, IPDS Unit
	30 ppm MFP with ARDF	MP C3004SP	417454	OI Kit	2000 Sheet Booklet Finisher, 3000 Sheet Finisher, IPDS Unit

	35 ppm MFP with SPDF	MP C3504ASP	417457	OI Kit	2000 Sheets Booklet Finisher, 3000 Sheet Finisher, IPDS Unit
	35 ppm MFP with ARDF	MP C3504SP	417456	OI Kit	2000 Sheet Booklet Finisher, 3000 Sheet Finisher, IPDS Unit
	45 ppm MFP with SPDF	MP C4504ASP	417459	OI Kit	250 Sheet Internal Finisher (Stapleless)
	45 ppm MFP with ARDF	MP C4504SP	417458	OI Kit	250 Sheet Internal Finisher (Stapleless)
	55 ppm MFP with SPDF	MP C5504ASP	417461	OI Kit	250 Sheet Internal Finisher (Stapleless)
	55 ppm MFP with ARDF	MP C5504SP	417460	OI Kit	250 Sheet Internal Finisher (Stapleless)
	60 ppm MFP with SPDF	MP C6004SP	417462	OI Kit	250 sheet Internal Finisher (Stapleless), 500 Sheet Internal Finisher
Branding	NRG Branding Kit	Branding Kit 4	986276	-	-
Paper Feed	1 tray Paper Bank (1 x 550 sheets)	Paper Feed Unit PB3150	416545	-	LCT, 2 tray Paper Bank, Side LCT, 1000 Sheets Booklet Finisher, Hybrid 1000 Sheet Finisher, 2000 Sheet Booklet Finisher, 3000 Sheet Finisher
	Caster Table	Caster Table 39	986359	1 tray Paper Bank	LCT, 2 tray Paper Bank, Cabinet, Side LCT, 1000 Sheets Booklet Finisher, Hybrid 1000 Sheet Finisher, 2000 Sheet Booklet Finisher, 3000 Sheet Finisher
	Cabinet	Low Cabinet 45	906709	-	LCT, 1 or 2 tray Paper Bank, Caster table, Side LCT
	2 x 550 sheets paper bank for MP C2004/2504	Paper Feed Unit PB3210	416952	-	LCT, 1 tray Paper Bank, Caster Table, Cabinet
	2 x 550 sheets paper bank for MP C3004/3504/4504 /5504/6004	Paper Feed Unit PB3160	416544	-	LCT, 1 tray Paper Bank, Caster Table, Cabinet
	LCT (2 x 1,000 sheets)	LCIT PB3170	416547	-	2 tray Paper Bank, 1 tray Paper Bank, Cabinet, Caster Table
	Side LCT (1,500 sheets)	LCIT RT3030	416549	2 tray Paper Bank or LCT	Cabinet, 1 tray Paper Bank, Caster Table
	Banner Paper Guide Tray	Banner Paper Guide Tray Type M19	417485	-	-
	SRA3/12.6" Option	Imageable Area Extension Unit Type M19	417497	-	-
Finishing	1 Bin Tray	1 Bin Tray BN3110	417585	-	-
	Internal Shift Tray	Internal Shift Tray SH3070	416550	-	2000 Sheet Booklet Finisher, 3000 Sheet Finisher, 1000 Sheet Booklet Finisher, 1000 Sheet Hybrid Finisher, 250 Sheet Internal Finisher, 500 Sheet Internal Finisher, Bridge Unit, Side Tray
	Side Tray	Side Tray Type M3	417591	-	2000 Sheet Booklet Finisher, 3000 Sheet Finisher, 1000 Sheet Booklet Finisher, 1000 Sheet Hybrid Finisher, 250 Sheet Internal Finisher, 500 sheet Internal Finisher, Bridge Unit, Internal Shift Tray

500 sheets Internal Finisher	Internal Finisher SR3130	417589	-	2000 Sheet Booklet Finisher, 3000 Sheet Finisher, 1000 Sheet Booklet Finisher, 1000 Sheet Hybrid Finisher, 250 Sheet Internal Finisher, Bridge Unit, Internal Shift Tray
250 sheets Internal Finisher (Stapleless)	Internal Finisher SR3180	417593	-	500 Sheet Internal Finisher, Internal Shift Tray, Side Tray
Bridge Unit	Bridge Unit BU3070	417587	Hybrid 1000 Sheet Hybrid Finisher or 1000 Sheet Booklet Finisher or 2000 Sheet Booklet Finisher or 3000 Sheet Finisher	500 Sheet Internal Finisher, Internal Shift Tray, Side Tray
1000 Sheets Hybrid Finisher	Finisher SR3210	417483	Bridge Unit and Paper Bank or LCT	2000 Sheet Booklet Finisher, 3000 Sheet Finisher, 1000 Sheet Booklet Finisher, 500 Sheet Internal Finisher, Internal Shift Tray, Side Tray, 1 tray Paper Bank, Caster Table
1000 Sheets Booklet Finisher	Booklet Finisher SR3220	417484	Bridge Unit and Paper Bank or LCT	2000 Sheet Booklet Finisher, 3000 Sheet Finisher, 1000 Sheet Hybrid Finisher, 500 Sheet Internal Finisher, Internal Shift Tray, Side Tray, 1 tray Paper Bank, Caster Table
3000 Sheets Finisher	Finisher SR3230	417487	Bridge Unit and Paper Bank or LCT	2000 Sheet Booklet Finisher, 1000 Sheet Booklet Finisher, 1000 Sheet Hybrid Finisher, 500 Sheet Internal Finisher, Internal Shift Tray, Side Tray, 1 tray Paper Bank, Caster Table
2000 Sheets Booklet Finisher	Booklet Finisher SR3240	417488	Bridge Unit and Paper Bank or LCT	3000 Sheet Finisher, 1000 Sheet Booklet Finisher, 1000 Sheet Hybrid Finisher, 500 Sheet Internal Finisher, Internal Shift Tray, Side Tray, 1 tray Paper Bank, Caster Table
NA Punch Unit for SR3130	Punch Unit PU3040 NA	416615	Internal Finisher	-
EU Punch Unit for SR3130	Punch Unit PU3040 EU	416616	Internal Finisher	-
SC Punch Unit for SR3130	Punch Unit PU3040 SC	416617	Internal Finisher	-
NA Punch Unit for SR3210/ SR3220	Punch Unit PU3050 NA	416609	1000 Sheet Booklet Finisher or 1000 Sheet Hybrid Finisher	-
EU Punch Unit for SR3210/ SR3220	Punch Unit PU3050 EU	416610	1000 Sheet Booklet Finisher or 1000 Sheet Hybrid Finisher	-
SC Punch Unit for SR3210/ SR3220	Punch Unit PU3050 SC	416611	1000 Sheet Booklet Finisher or 1000 Sheet Hybrid Finisher	-
NA Punch Unit for SR3230/ SR3240	Punch Unit PU3060 NA	416612	2000 Sheet Booklet Finisher or 3000 Sheet Finisher	-
EU Punch Unit for SR3230/ SR3240	Punch Unit PU3060 EU	416613	2000 Sheet Booklet Finisher or 3000 Sheet Finisher	-
SC Punch Unit for SR3230/ SR3240	Punch Unit PU3060 SC	416614	2000 Sheet Booklet Finisher or 3000 Sheet Finisher	-

Fax	Fax for MP C2004/2504/3004/3504	Fax Option Type M19	417511	-	-
	Fax for MP C4504/5504/6004	Fax Option Type M20	417528	-	-
	G3 Unit for MP C2004/2504/3004/3504	G3 Interface Unit Type M19	417516	Fax Option	-
	G3 Unit for MP C4504/5504/6004	G3 Interface Unit Type M20	417534	Fax Option	-
	Remote fax for MP C2004/2504/3004/3504	Fax Connection Unit Type M19	417570	Fax Option (for Main unit)	-
	Remote fax for MP C4504/5504/6004	Fax Connection Unit Type M20	417520	Fax Option (for Main unit)	-
	Fax Memory	FAX Memory Unit Type M19 64MB	417518	Fax Option	-
	Fax Stamp	Marker Type 30	334049	Fax Option	-
Printing	PostScript3	PostScript3 Unit Type M19	417505	-	EFI Controller
	PictBridge	Camera Direct Print Card Type M19	417507	-	EFI Controller
	IPDS	IPDS Unit Type M20	417525	-	EFI Controller
	EFI Controller	Color Controller E-23C	417597	-	PostScript3, PictBridge, IPDS, Bluetooth, IEEE1284, Wireless LAN, Unicode Font Package for SAP, Font SD card for SAP (EU only)
	XPS	XPS Direct Print Option Type M19	417502	-	-
	Unicode Font Package	Unicode Font Package for SAP® 1 License	413009	-	-
	Unicode Font Package	Unicode Font Package for SAP® 10 License	413010	-	-
	Unicode Font Package	Unicode Font Package for SAP® 100 License	413011	-	-
Scanning	OCR Unit	OCR Unit Type M13	417429	-	-
	File Format Converter	File Format Converter Type M19	417508	-	IEEE 802.11a/g/n Interface Unit
Network	Wireless LAN Interface	IEEE 802.11a/g/n Interface Unit Type M19	417493	-	Bluetooth, IEEE 1284, EFI Controller, File Format Converter
	IEEE 1284 Interface	IEEE 1284 Interface Board Type M19	417596	-	IEEE 802.11a/g/n Interface Unit, EFI Controller, Additional NIC
	Bluetooth	Bluetooth Interface Unit Type D	415818	-	IEEE 802.11a/g/n Interface Unit, Additional NIC
	Additional NIC	USB Device Server Option Type M19	417568	-	IEEE 802.11a/g/n Interface Unit, IEEE1284, File Format Converter
	Extended USB	Extended USB Board Type M19	417566	-	-
Security	Counter Interface	Optional Counter Interface Unit Type M12	417111	-	EFI Controller
	Key Counter Bracket	Key Counter Bracket Type M3	416869	-	EFI Controller
	NFC Card Reader	NFC Card Reader Type M19	417573	-	-
	Card Reader Bracket	Card Reader Bracket Type 3352	415814	-	-
	Card Reader Cover	Smart Card Reader Built-in Unit Type M19	417595	-	Keyboard Bracket

	Keyboard Bracket	External Keyboard Bracket Type M19	417578	-	Smart Card Reader Built-in Unit
	DOSS Option	DataOverwriteSecurity Unit Type M19	417499	-	FIPS 140-2 HDD
	FIPS 140-2 HDD	Enhanced Security HDD Option Type M12	417099	-	HDD Option, DOSS Option
Other	ADF Handle	ADF Handle Type C	416213	-	-
	Paper Clamp	Paper Clamp RPC-21	916129	-	-
	Memory	Memory Unit Type M19 4GB	417498	-	-

OI Kit EDP Codes - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Language	Description	EDP Code	Language	Description	EDP Code
Catalan	OIC6004SPCA	912596	Hungarian	OIC6004SPHN	912590
Czech	OIC6004SPCZ	912589	Italian	OIC6004SPIT	912585
Danish	OIC6004SPDN	912595	Norwegian	OIC6004SPNR	912591
Dutch	OIC6004SPNL	912586	Polish	OIC6004SPPL	912593
English	OIC6004SPEN	912582	Portuguese	OIC6004SPPR	912592
Finnish	OIC6004SPFN	912594	Russian	OIC6004SPRU	912598
French	OIC6004SPFR	912584	Spanish	OIC6004SPSP	912587
German	OIC6004SPGE	912583	Swedish	OIC6004SPSW	912588
Greek	OIC6004SPGR	912599	Turkish	OIC6004SPTU	912597

Consumable EDP Codes - MP C2004/C2504

Brand	Item	Product Name	EDP Code
Multi Brand	Toner Black	Print Cartridge Black MP C2503	841925
	High Yield Toner Yellow	Print Cartridge Yellow MP C2503H	841926
	High Yield Toner Magenta	Print Cartridge Magenta MP C2503H	841927
	High Yield Toner Cyan	Print Cartridge Cyan MP C2503H	841928
	Toner Yellow *1	Print Cartridge Yellow MP C2503 *1	841929
	Toner Magenta *1	Print Cartridge Magenta MP C2503 *1	841930
	Toner Cyan *1	Print Cartridge Cyan MP C2503 *1	841931
	Waste Toner Bottle	Waste Toner Bottle MP C6003	416890
Ricoh	Staple Set Cartridge for SR3170/3160/3140/3130/3210	Ricoh Staple Type T	414859
	Staple Refill Cartridge for SR3170/3160/3140/3130/3210	Ricoh Refill Staple Type T	414865
	Staple Set Cartridge for SR3150/3220	Ricoh Staple Type S	412874
	Staple Refill Cartridge for SR3150/3220	Ricoh Refill Staple Type K	410802

*1 For dealer channel only

NRG	Staple Set Cartridge for SR3170/3160/3140/3130/3210	Staple Type T	414861
	Staple Refill Cartridge for SR3170/3160/3140/3130/3210	Refill Staple Type T	414867
	Staple Set Cartridge for SR3150/3220	Staple Type S	412875
	Staple Refill Cartridge for SR3150/3220	Staple Refill CSC760B	410806
Infotec	Staple Set Cartridge for SR3170/3160/3140/3130/3210	Infotec Staple XVI/1(Set Cartr.)	414860
	Staple Refill Cartridge for SR3170/3160/3140/3130/3210	Infotec Staple XVI/2(Refill)	414866
	Staple Set Cartridge for SR3150/3220	Staples XIV Set Cartridge	412876
	Staple Refill Cartridge for SR3150/3220	Staple Type XI/2 Refill	410808

Consumable EDP Codes - MP C3004/MP C3504

Brand	Item	Product Name	EDP Code
Multi Brand	Toner Black	Print Cartridge Black MP C3503	841817
	Toner Yellow	Print Cartridge Yellow MP C3503	841818
	Toner Magenta	Print Cartridge Magenta MP C3503	841819
	Toner Cyan	Print Cartridge Cyan MP C3503	841820
	Waste Toner Bottle	Waste Toner Bottle MP C6003	416890
Ricoh	Staple Set Cartridge for SR3170/3160/3140/3130/3210	Ricoh Staple Type T	414859
	Staple Refill Cartridge for SR3170/3160/3140/3130/3210	Ricoh Refill Staple Type T	414865
	Staple Set Cartridge for SR3150/3220	Ricoh Staple Type S	412874
	Staple Refill Cartridge for SR3150/3220	Ricoh Refill Staple Type K	410802
NRG	Staple Set Cartridge for SR3170/3160/3140/3130/3210	Staple Type T	414861
	Staple Refill Cartridge for SR3170/3160/3140/3130/3210	Refill Staple Type T	414867
	Staple Set Cartridge for SR3150/3220	Staple Type S	412875
	Staple Refill Cartridge for SR3150/3220	Staple Refill CSC760B	410806

Consumable EDP Codes - MP C4504/MP C5504/MP C6004

Brand	Item	Product Name	EDP Code
Multi Brand	Toner Black	Print Cartridge Black MP C6003	841853
	Toner Yellow	Print Cartridge Yellow MP C6003	841854
	Toner Magenta	Print Cartridge Magenta MP C6003	841855
	Toner Cyan	Print Cartridge Cyan MP C6003	841856
	Waste Toner Bottle	Waste Toner Bottle MP C6003	416890
	Staple Set Cartridge for SR3170/3240 (Saddle Stitch)	Staple Type W	416710
	Staple Refill Cartridge for SR3170/3240 (Saddle Stitch)	Refill Staple Type W	416712
Ricoh	Staple Set Cartridge for SR3170/3160/3140/3130/3210	Ricoh Staple Type T	414859
	Staple Refill Cartridge for SR3170/3160/3140/3130/3210	Ricoh Refill Staple Type T	414865
	Staple Set Cartridge for SR3150/3220	Ricoh Staple Type S	412874
	Staple Refill Cartridge for SR3150/3220	Ricoh Refill Staple Type K	410802
NRG	Staple Set Cartridge for SR3170/3160/3140/3130/3210	Staple Type T	414861
	Staple Refill Cartridge for SR3170/3160/3140/3130/3210	Refill Staple Type T	414867
	Staple Set Cartridge for SR3150/3220	Staple Type S	412875
	Staple Refill Cartridge for SR3150/3220	Staple Refill CSC760B	410806
Infotec	Staple Set Cartridge for SR3170/3160/3140/3130/3210	Infotec Staple XVI/1(Set Cartr.)	414860
	Staple Refill Cartridge for SR3170/3160/3140/3130/3210	Infotec Staple XVI/2(Refill)	414866
	Staple Set Cartridge for SR3150/3220	Staples XIV Set Cartridge	412876
	Staple Refill Cartridge for SR3150/3220	Staple Type XI/2 Refill	410808

6. Target Markets

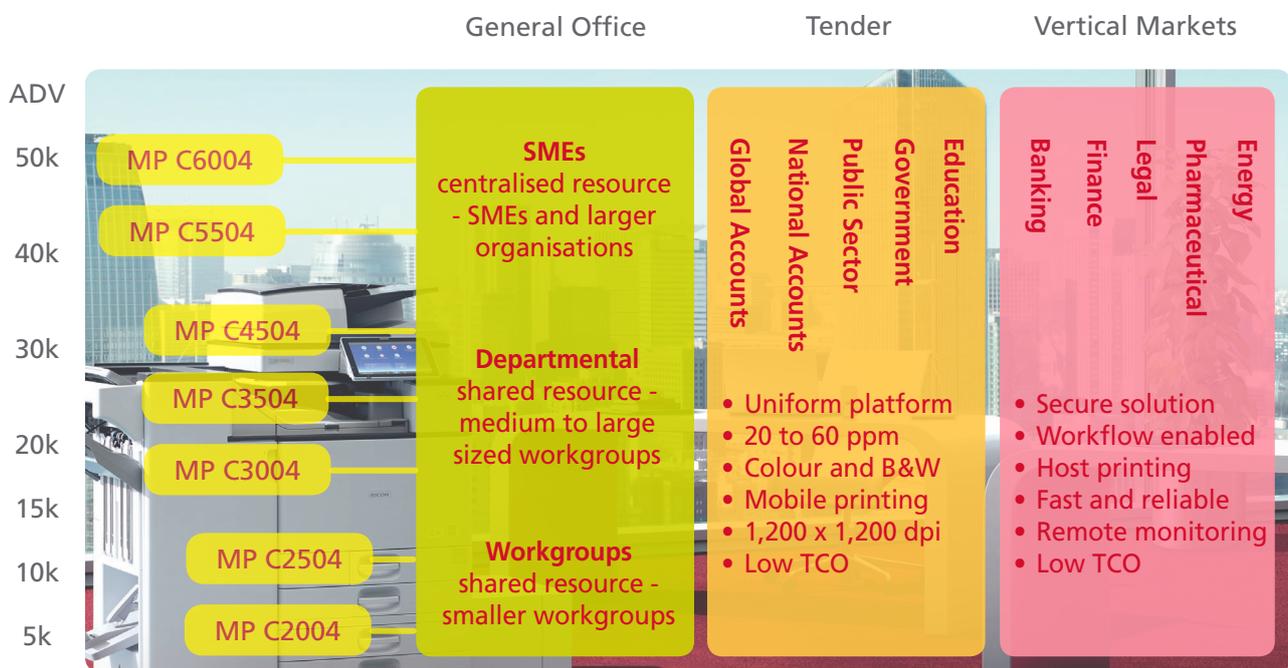
The launch of the MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series will strengthen Ricoh's colour range and protect Ricoh's market leading position in the 20 to 60 ppm segment. The market for A3 colour MFPs is growing. IDC forecast 5.9% compound annual growth in worldwide demand, with global sales expected to hit 1.7 million units in 2018. Higher speed segments (40 to 60 ppm) are expected to show the strongest growth as businesses seek to improve office productivity.

The new models are designed for workgroup use in the general office. Target markets include businesses and organisations with regular document requirements (letters, spreadsheets, presentations, reports etc). The new Intel processor improves responsiveness. With the human detection sensor ensuring that

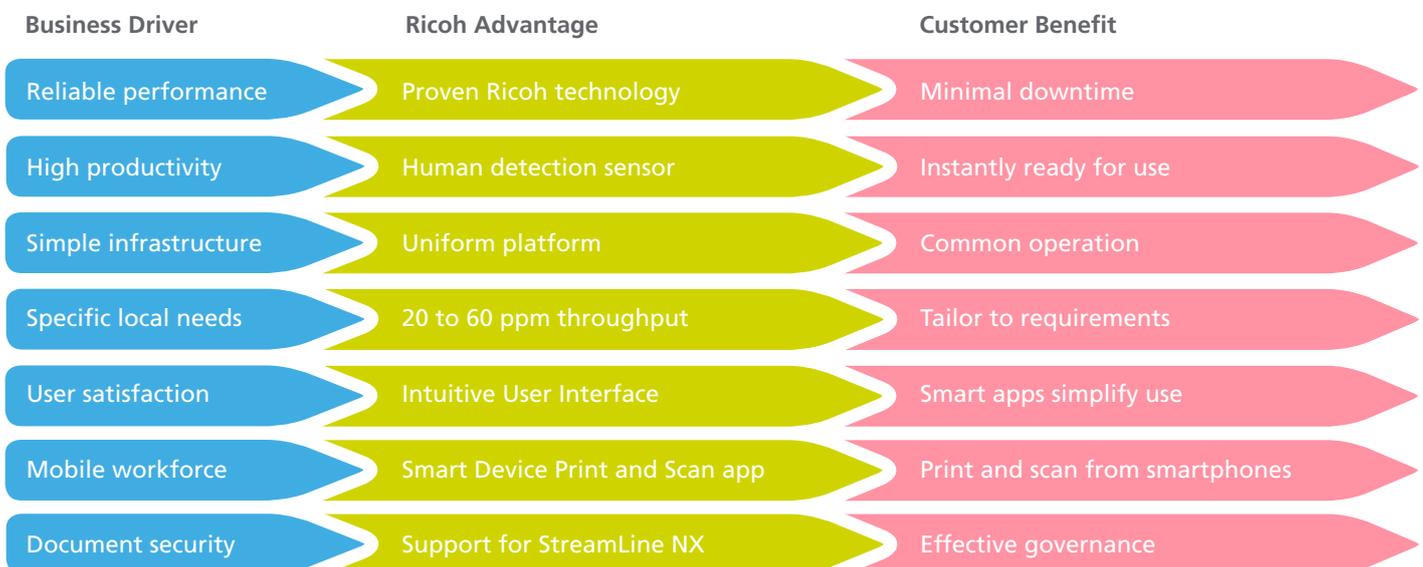
the MFPs recover instantly from sleep mode and the Intuitive User Interface simplifying operation, Ricoh's new A3 colour MFPs offer office workers exceptional real-world productivity.

The new MFPs will appeal particularly to customers with advanced workflow and/or security requirements, such as financial institutions, pharmaceutical companies and defence contractors. They have a GWNX controller, they feature Ricoh's new 10.1" Smart Operation Panel and are supplied with a hard drive and a VM card. They support a variety optional workflow solutions, including StreamLine NX, which enables follow-you printing, and GlobalScan NX, which integrates paper documents into a digital workflow.

Target Markets - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004



High-level business drivers will include:





7. Smart Operation Panel

The new MFPs feature the latest G2 version of Ricoh's award winning Smart Operation Panel.

It is central to Ricoh's intelligent MFP concept - productive and easy-to-use document systems that streamline complex workflows, automate time-consuming tasks, establish administrative control and safeguard information security.

The Smart Operation Panel offers a major point of differentiation. It expands functionality and makes our devices easier to use. Providing a uniform and intelligent platform, it also helps to build customer loyalty and encourage repeat orders.

The 10.1 inch Smart Operation Panel delivers a truly immersive user experience. It is brightly lit, instantly responsive and easy to use - there are no hard buttons to press or complex menus to navigate.

It is equipped with a web browser that allows users to view and print web content, and a WiFi card, which supports mobile working by allowing users to interact with their smart devices.

The Intuitive User Interface provides a simple visual interface that speeds operation. To view a widget or open an application, the user

simply taps the appropriate icon. Pre-installed apps include Quick Copy, Quick Scan and Quick Fax.

Users can customise the interface, changing wallpaper, dragging shortcuts to the home screen, installing useful widgets and downloading workflow applications from Ricoh's Application Site.

The Application Site can be accessed from the Smart Operation Panel. Browsing the site, users can easily configure their MFPs and install the latest time-saving applications.

The Smart Operation Panel also supports Quick Authentication. The swipe-and-go authentication system is fast and secure, eliminating the need for users to remember login names and passwords.

Ricoh's authentication software is pre-installed and only requires the purchase of an optional NFC Reader/Writer. By controlling access to MFP functions, it prevents sensitive documents from being viewed, copied or sent to authorised users.

More information is provided in the Smart Operation Panel sales guide.



I love what Ricoh has done with this panel. It adds the convenience of drag-and-drop, pinch-and-flick and swipe scrolling, similar to a smartphone, but lets users familiar with Ricoh's traditional interface keep that interface if they want. That's great, not only because it eliminates any learning curve, but because the interface allows users to program typical jobs in fewer button presses than any other vendor's panel - which can be a productivity boosting time-saver in busy environments."

Pete Emory, BLI Director of Lab Testing

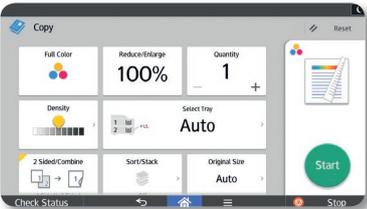




9. Key Features

Mainframe - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series		
Feature	Advantage	Benefit
I-Style design	The new MFPs follow Ricoh's I-Style design concept. Operational areas, such as the touchscreen display and delivery area, are emphasised in black.	Smart appearance accentuates compact design and looks professional in a modern work environment.
Full colour	The MFPs support colour and black-and-white.	A single device can meet colour and black-and-white needs, saving space and money.
Uniform platform *** Enterprise Solution ***	They share a similar appearance and the same operating system and user interface as other Ricoh MFPs.	Can be sold as part of a uniform enterprise wide solution. Users are instantly familiar with the intuitive operating system.
Multifunctional products	The new MFPs offer 4-in-1 functionality. The machines are print, copy and scan enabled. Fax is an option.	Replace personal printers and other desktop devices, saving space and money.
Modular options	There is a selection of modular options for the new MFPs. They include fax and print upgrades, paper banks and LCTs and a variety of finishing options.	Using modular options, the solution can be tailored to operational need and budget.

Operation - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series		
Feature	Advantage	Benefit
Next Generation (GWNX) controller	The new MFPs feature the latest version of Ricoh's GWNX controller architecture.	Common interface automates workflow, establishes governance and enforces security.
10.1" touchscreen *** Best in Class ***	Large, high visibility touchscreen panel - there are no hard buttons - can be tilted for easy operation.	Easily accessible, no matter where the MFP is located and instantly familiar to users of other Ricoh devices.

<p>Smart Operation Panel</p> 	<p>The touchscreen is navigated with touch gestures, much like a smart phone or tablet.</p>	<p>Simplifies operation, improving the user experience.</p>
<p>Intuitive User Interface</p> 	<p>Intuitive applications, navigated using flick and pinch-in/out gestures, make it easy to select copy, scan and fax settings.</p>	<p>Simplifies operation and provides a smooth transition from Ricoh's 'classic' user interface.</p>
<p>Quick Copy app</p> 	<p>A full-screen core application that simplifies the copy process by enabling easy selection of standard copy settings, such as colour, paper source and quantity.</p>	<p>Quickly and easily select copy settings.</p>
<p>Quick Scan app</p>	<p>Another full-screen core application that simplifies the scanning process by enabling easy selection of standard scan settings and prompting the user for a file destination.</p>	<p>Quickly and easily select scan settings.</p>
<p>Quick Fax app</p>	<p>The Quick Fax app provides similar functionality to Quick Scan but also prompts the user for a fax number (requires fax option).</p>	<p>Quickly and easily select fax settings.</p>
<p>Customisable home screen</p> 	<p>Users can customise the interface, changing the wallpaper, dragging shortcuts to the home screen, installing useful widgets and downloading additional workflow applications directly from Ricoh's Application Site.</p>	<p>Customisation helps to improve the user experience.</p>
<p>Application Site</p>	<p>The Application Site icon on the Smart Operation Panel is the gateway to Ricoh's Application Site. Tapping on the icon, the user can browse and install additional workflow applications.</p>	<p>Tailor the MFP to operational requirements and simplify everyday document processes.</p>
<p>Home screen folders</p>	<p>Folders can be created on the home screen. This allows icons to be organised logically and located quickly. For repetitive tasks requiring multiple settings, storing all the required program icons in the same folder can save a lot of time.</p>	<p>Simplifies navigation, saving time.</p>

<p>Intelligent widgets</p> 	<p>Widgets can be added to the home screen that show the date and time, environmental metrics, toner supply levels, language settings and which notify users of incoming fax messages.</p>	<p>Essential information is available at glance.</p>
<p>Web browser</p>	<p>A standard feature of the Smart Operation Panel, the Web Browser provides direct access to the web. It can be used to view and print content and install workflow applications. With its inbuilt speaker, it can even be used to watch training videos.</p>	<p>Enables easy access to cloud-based content.</p>
<p>Workflow enabled</p>	<p>The Smart Operation Panel provides an intuitive interface for optional workflow solutions, such as StreamLine NX (requires hard disk drive and VM card).</p>	<p>Easily implement enterprise workflow and cost management solutions.</p>

Productivity - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series		
Feature	Advantage	Benefit
<p>Human Detection Sensor</p> <p>*** New Feature ***</p>	<p>Senses when a user is in front of the machine and wakes the operation panel from sleep mode.</p>	<p>With the operation panel instantly ready (1 second recovery time), the operator can start selecting applications and settings sooner.</p>
<p>Quick warm up</p>	<p>Warmed up and ready to print within seconds (25 seconds MP C2004/C2504/C3004/C3504 and 24 seconds MP C4504/C5504/C6004).</p>	<p>Saves time and improves productivity.</p>
<p>Fast first page</p>	<p>MP C5504/C6004 produces its first page in just 3.1/4.5 seconds (BW/FC), MP C4504 in 4.0/5.7 seconds, MP C3004/C3504 in 4.6/7.1 seconds, MP C2504 in 5.3/7.5 seconds and MP C2004 in 5.4/7.6 seconds.</p>	<p>Eliminates bottlenecks as one-off prints and copies are delivered at speed.</p>
<p>Tailored performance</p>	<p>There is a choice of 20, 25, 30, 35, 45, 55 and 60 ppm models, all of which share the same advanced functionality and intuitive user interface.</p>	<p>Supports a uniform deployment (same functionality) whilst allowing the solution to be tailored to local or departmental requirements (different speed / price).</p>
<p>High speed duplex</p>	<p>The new MFPs are equipped with high speed duplexes and maintain full productivity when printing double sided.</p>	<p>Improves productivity and professionalism.</p>

Document Feed - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
High capacity ARDF	All SP models other than the MP C6004SP (see following) are supplied with a high capacity ARDF. Up to 100 documents can be fed in a single batch. Colour and B&W documents are scanned at a speed of 80 ipm.	Automates scanning process
Single pass duplex feed (SPDF)	All ASP models and the MP C6004SP are supplied with a high speed SPDF (single pass duplex feed). Up to 220 documents can be fed in a single batch. The SPDF scans both sides in single pass. Colour and B&W documents are scanned at a speed of 110 ipm (simplex) and 180 ipm (duplex).	Speeds scanning process. Particularly useful in applications where large batched of documents are regularly scanned or copied.



Paper Handling - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
A3 print engine	The new MFPs handle paper formats from A6 to SRA3 and paper sizes from 90 x 148 mm to 320 x 1,260 mm.	Single device can meet A4 and A3 print requirements.
SRA3 support	The 2nd tray and optional 3rd and 4th trays support SRA3 paper.	Print full-bleed A3 documents, complete with trim marks.
Banner printing	The bypass feed supports banner stock of up to 320 x 1,260 mm.	Print colour banners and signage in house.
Envelope printing	The 2nd tray and optional 3rd and 4th trays and the bypass tray also support multi-feeding of envelopes.	Speed mailing process by printing addresses onto envelopes.
Large paper capacity	The standard paper capacity of 1,200 sheets (2 x 550 trays and 100 sheet bypass) can be expanded to 2,300 sheets (MP C2004/C2504) or 4,700 sheets (MP C3004/C3504/C4504/C5504/C6004).	Hold different paper formats and stock online and reduce downtime related to paper replenishment.
Auto tray switching	The MFPs can automatically switch from one tray to another.	Replenish paper without interrupting the print process.
Thick paper support	The regular paper trays, optional paper banks and LCT support paper weights of 60 to 300 gsm and the bypass and side LCT support paper weights of 52 to 300 gsm.	Print reliably onto letterhead paper, bond stock and other premium heavyweight media.
100 sheet multi-bypass	The standard multi bypass tray will hold 100 sheets of paper.	Quickly feed non-standard media such as letterhead paper, labels and envelopes.

Finishing Options - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
Internal Finisher SR3180 (MP C2004/C2504/C3004/C3504) *** Eco-Friendly ***	A 250 sheet stapleless finisher can be installed within the catch tray. The finisher can hold up to 250 sheets and allows up to five sheets of paper to be bound using a punch-press action.	This is a compact, low cost and eco-friendly finishing system.
Internal Finisher SR3130 (ALL models except MP C6004) 	A 500 sheet staple finisher sits can be installed within the catch tray. The finisher can hold up to 500 sheets of paper and staple up to 50 sheets. There is a 2/4 hole punch option for this finisher.	This is a compact and low cost finishing solution.
Finisher SR3210 (MP C3004/C3504/C4504/C5504/6004) *** Unique ***	This is a hybrid finisher. It will bind document sets of up to 5 sheets using a stapleless punch-press action and staple larger document sets using a conventional staple action. It has a 1,000 sheet shift tray, a 250 sheet proof tray and can staple up to 50 sheets. A 2/4 hole punch is offered as an option.	This finisher is unique to Ricoh. Small documents sets can be bound using a low cost, eco-friendly punch-press action, whilst larger documents sets can be securely stapled.
Booklet Finisher SR3220 (ALL models) *** ALL models ***	This is a multipurpose booklet finisher that can be used to collate and staple regular document sets and saddle stitch booklets. It has a 1,000 sheet shift tray, a 250 sheet proof tray and can staple up to 50 sheets (regular staple) or 15 sheets (saddle stitch). A 2/4 hole punch is offered as an option.	This is a low cost booklet making solution. Doubling as a regular staple finisher and as a booklet maker, it enables users to produce neatly folded booklets of up to 60 pages (15 sheets).
Finisher SR3230 (MP C4504/C5504/C6004)	This is a productive high capacity staple finisher. It has a 3,000 sheet shift tray, a 250 sheet proof tray and can staple up to 50 sheets. A 2/4 hole punch is offered as an option.	This is a heavy duty staple finisher which supports long print runs and provides capacity for long periods of unsupervised production.
Finisher SR3240 (MP C4504/C5504/C6004) *** Professional ***	This is a productive high capacity booklet finisher that can be used to collate and staple regular document sets and saddle stitch booklets. It has a 2,000 sheet shift tray, a 250 sheet proof tray and can staple up to 50 sheets (regular staple) or 20 sheets (saddle stitch). A 2/4 hole punch is offered as an option.	This is a heavy duty booklet making option. Doubling as a regular staple finisher and as a booklet maker, it enables users to produce neatly folded booklets of up to 80 pages (20 sheets).

Connectivity - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
Network ready	The new MFPs are equipped with a gigabit ethernet interface and there are parallel, wireless and bluetooth interface options.	Workgroup users can share the same device, improving access.

<p>USB device server</p> <p>*** New Option ***</p>	<p>The USB device server provides a secondary network interface port which allows the MFPs to connect simultaneously to two print networks.</p>	<p>Support customers, such as banks, hospitals and schools, who run separate open and closed networks.</p>
<p>Wireless Direct</p> 	<p>The Smart Operation Panel is equipped with a WiFi card that supports fast and secure connection with smart devices.</p>	<p>Supports Bring Your Own Device (BYOD) by enabling easy connection with smart phones and tablets.</p>
<p>Smart Device Connector</p>	<p>A free app that enables users to connect their smart devices to a Ricoh MFP, interactive whiteboard or projector using NFC, QR code or Bluetooth. Once connected to an MFP, their smart devices can be used as an interface to print and scan documents and send fax messages (requires fax enabled MFP).</p>	<p>Improves access to technology, simplifies information exchange and facilitates mobile working.</p>
<p>Smart Device Print and Scan</p> 	<p>Free Ricoh app enables documents to be printed from and scanned to smartphones and tablets.</p>	<p>Improves access and mobility.</p>

Printing - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
1,200 x 1,200 dpi resolution	The new MFPs produce immaculate 1,200 x 1,200 dpi resolution print output.	Improves the appearance of business communication.
Point and print icons	The standard PCL print driver and optional PS3 print driver have graphic icons which allow single click selection of complex settings.	Simplifies the print process, saving time.
PostScript 3 (option)	A genuine PostScript driver is available as an option.	Print PostScript, PDF and XPS files accurately.
IPDS print (option for MP C4504/C5504/C6004)	The genuine IPDS option enables fast, error-free bi-directional communication with mainframe (host) computer systems.	Improve ROI by printing transactional data such as invoices and statements.
Fiery E-23C Colour Controller (option)	The Fiery controller installs alongside the existing Ricoh GWNX controller. It utilises the latest Fiery FS150 platform to deliver precise colour management and control of job queues.	The E-23C EFI controller, with its powerful 2.9 GHz Intel processor and Fiery 150 platform, will satisfy the needs of customers using Fiery solutions.

Scheduled print	Users can specify a time at which documents are to be printed.	Reduces bottlenecks. Time-consuming jobs such as invoice runs can be scheduled to run overnight or at the weekend.
PDF direct print	PDF documents can be printed directly to the PostScript enabled printer. The files are processed by the printer rather than the PC.	Releases computer resource and reduces network traffic.
XPS direct print (option)	The new MFPs also support XPS direct print. XPS is an XML based document format similar to PDF, promoted by Microsoft.	Compatible with newly emerging print format.
Mail to Print (fax capability required)	Send an email with attached data directly to the MFP for printing.	Improves access and simplifies print process.

Portable Media - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
USB/SD card reader 	There is a USB/SD card reader located to the side of the control panel.	Improves access by enabling walk up users to print from and scan to flash memory.
Print from Storage Media	Documents stored on a USB/SD card can be previewed on the Smart Operation Panel and printed. The intuitive user interface helps the user to select appropriate print settings and to preview and print documents.	Documents held on portable media are printed more easily.
Scan to Storage Media	Scanned documents can be previewed on the Smart Operation Panel and saved to a USB/SD card. The intuitive user interface helps the user to select appropriate scan settings and to preview and save documents.	Documents are easily saved to portable media.
Multiple file selection	It is possible to select and print multiple JPEG, TIFF or PDF files held in the same folder of a USB/SD card.	Speeds production with the user able to print multiple files in a single operation.

Scanning - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
Colour scanning	The new MFPs scan documents in full colour at a resolution of up to 1,200 x 1,200 dpi.	Share information instantly via email and save documents to document server or to a centralised electronic record.

Flatbed scanner	Books and photographs can be scanned directly from the platen glass.	It is easy to scan bound or mounted originals such as books and photographs.
Book scanning *** Smart app ***	New app erases shadows, enabling books and loose sheet originals to be scanned with the ARDF/SPDF open.	Speeds job build and improves image quality.
Scan to Me *** Smart app ***	One-click app enables users to scan documents directly to an email address associated with their logon details.	Scan documents directly to email.
Scan to Folder Helper *** Smart app ***	Helps the user to setup a unique folder in which they can save scanned documents for fast, convenient access at a later date.	Easily configure Scan to Folder settings.
Scan to SharePoint *** Smart app ***	Allows users to select a SharePoint folder as a scan destination. Users with administrative privileges can add/edit/delete SharePoint server destination	Scan documents directly to a SharePoint server.
Easy Scan Size Match *** Smart app ***	Enables users to use Scan Size feature of the scanner more easily. Users can scan different size originals and select whether they are to be saved to their original page size or to the same page size.	Scan different sized originals to the same page format.
ID Card Scan & Copy *** Smart app ***	Both sides of the ID card can be scanned and stored as a single page. The scanned data can be sent to a specific folder, email address or can be printed.	Scan both sides of an ID card to one page.
Document server *** Included in Price ***	The standard hard disk drive acts as document server and can be used to archive up to 3000 documents or 9000 pages.	Reduce costs by printing regularly used documents on demand instead of holding shelf stock.
Distributed scan management (DSM)	The administrator can pre-set scanning conditions and destinations for users.	Simplifies the scanning process.
Searchable PDF (requires OCR option)	The document text is recognised and saved along with the original document.	Improves access to information as documents can be searched for using keywords, and text within the document can be edited.
Encrypted PDF transmission	PDF documents scanned to e-mail, saved to the document server or to another network location can be encrypted and password protected.	Protects confidential information.
PDF/A	PDF/A is an ISO standard for the long-term archiving of electronic documents. The format locks the document to maintain its originality and records within the document a 'Device Certificate'.	Document format complies with government and industry regulatory standards.
Enhanced encryption level	The user can select secure encryption algorithms. Supported algorithms include AES256bit (used by the US government, NESSIE in the EU and CRYPTREC in Japan) and SHA-2 (used by the US National Security Agency).	Encryption complies with government and industry regulatory standards.

Copying - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
Scan once, copy many	Copies are produced from memory.	Each copy is identical to the first.
Electronic sorting	Copies and prints are delivered in page order.	Saves time as sets are collated ready for distribution.
Digital zoom	25 to 400% zoom with 1% steps plus 13 preset enlargement / reduction ratios	One-step enlargement / reduction between A4 and A3 formats, saves time.
ID card copy	Automatically copies both sides of an ID card onto one side of a sheet of paper.	Saves time and paper. Will prove useful to organisations needing to copy credit cards and passports.
Combine copy	Scan two or four originals and print them as tiled copies on one sheet of paper.	Reduce print and paper costs.
Easy Book Copy *** Smart app ***	Users can make high quality copies of bound documents with the document feed open. The wizard helps the user navigate settings that delete shadows from the spine and border.	Enhances copy quality when copying books.
Easy Copy Size Match *** Smart app ***	Enables users to copy different size originals and select whether they are to be reproduced in original page size or to the same page size. The app supports automatic enlargement and reduction.	Copy different size originals to the same page format.
ID Card Copy *** Smart app ***	The wizard guides users through each step of the process, making it easy to copy the front and back of an ID card onto a single sheet of paper.	Copy both sides of an ID card to a single sheet.
Conference Concierge *** Smart app ***	Easy-to-follow on-screen instructions guide users through the process of creating professionally presented copies of key documents. Includes orientation, colour, stamps and finishing.	Easily create neatly finished documents.

Fax - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
Fax (option)	The fax option adds plain paper fax functionality to the MFP.	Eliminates the need for a separate standalone fax machine, saving money and space.
G3 fax (option, requires fax option)	This option enables the MFP to handle a 2nd and/or 3rd fax line.	Acts as a fax hub, eliminating the need for multiple standalone fax machines.
Remote fax (option)	Allows the MFP to send faxes via another (fax enabled) Ricoh MFP.	Reduces configuration cost and enables multiple MFPs to share a single fax line.
Book fax	Bound documents, such as brochures and reports, can be faxed directly from the platen glass.	Saves time as there is no need to breakdown bound documents for faxing.
Quick dial	There is the facility to save 2,000 quick dial numbers.	Speeds communication with regular contacts.

Security - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
NFC Card Reader (option)	An optional NFC (near field communication) card reader can be installed inside the top panel of the MFP. The reader supports ID card authentication.	Protects security by requiring ID card based authentication.
Quick Authentication	Ricoh's swipe-and-go card-based authentication software is pre-installed and only requires the purchase of an optional NFC Reader/Writer.	Simplifies login whilst controlling access to MFP features.
Data Overwrite Security	Overwrites temporary data held on the hard drive up to nine times with random data.	Protects security by ensuring that temporary data cannot be recovered.
HDD Encryption	Encrypts the address book, authentication information and stored documents.	Protects security by encrypting documents.
FIPS certified HDD (option)	The standard hard drive can be replaced with an optional HDD that is certified to meet the Federal Information Processing Standards (FIPS). These are U.S. government computer security standards that specify requirements for cryptography modules.	Suitable for use in secure environments such as by government agencies and in industries that are subject to strict security compliance.
Quota scheduling	The administrator can limit the output of individual users and user groups by setting page count limits. This feature now allows quotas to be shared across multiple Ricoh devices.	Establishes governance over the print environment and reduces print volume.
Banner page print	A job sheet can be printed before a print job that identifies the originator.	Makes it easier to identify work in a busy environment.
Mandatory hold print	When mandatory hold print is activated by the administrator, print output is held in the document server until released at the printer by the originator.	Protects confidentiality and reduces waste.
Mandatory security information	Automatically append security information such as the user ID, date, time, IP address and printer serial number to every document printed.	Improves document security by establishing a printed audit trail.
Fax output timer (requires fax option)	The administrator can set a time schedule for fax output. Fax messages are held in memory and printed at the predetermined time.	Reduces the risk of fax messages being read by unauthorised personnel or inadvertently picked up along with other documents.

Environment - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Feature	Advantage	Benefit
Power on/off timer	The power on/off timer switches the machine on and off at specified times.	Ensures the machine is ready for use and saves energy by switching the machine off when it is not required.
Sleep mode	In energy saving sleep mode, the new devices consume less than 1 W.	Reduces energy consumption.

Eco-information screen	A pop-up, visible at the control panel, reports green metrics, such as the number of double sided prints.	Encourages sustainable print behaviour.
Low TEC (total energy consumption) *** Best in Class ***	The new MFPs are amongst the most energy efficient in their class. MP C3004SP has, for example, a TEC rating of just 1,200 Wh.	Save energy and reduce carbon emissions by using energy efficient technology.
Energy Star v2, BAM and EPEAT Gold	The new MFPs are compliant with the latest environmental standards, including Energy Star v2, Blue Angel Mark (BAM) and EPEAT Gold.	Don't just take Ricoh's word for it; third party certification proves that these devices are eco-friendly.

9. Specifications

General Specifications - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series			
Warm-up time	25/25/25/25/24/24/24 seconds		
First output speed	Full colour	7.6/7.5/7.1/7.1/5.7/4.5/4.5 seconds	
	B/W	5.4/5.3/4.6/4.6/4/3.1/3.1 seconds	
Continuous output speed	Full colour	A4	20/25/30/35/45/55/60 pages per minute
	B/W	A4	20/25/30/35/45/55/60 pages per minute
CPU	Intel Atom Processor Bay Trail	1.33/1.33/1.33/1.33/1.75/1.75/1.75 GHz	
Memory	Standard	2 GB	
	Maximum	4 GB	
HDD	250 GB		
Reproduction ratio	400%		
	200%		
	141%		
	122%		
	115%		
	100%		
	93%		
	82%		
	71%		
	61%		
	50%		
	25%		
Zoom	From 25% to 400% in 1% step		
UI features	UI customization		
	My operation panel		
	Operation manual on operation panel		
	Workflow improvement with one-button		
	External USB keyboard		
	QWERTY layout keyboard		
	AZERTY layout keyboard		
	Function key		
	Simple UI apps		
	Simple Function apps		
	Smart Apps		
	Smart Device-like LCD operability		
Ricoh Application Site			
Accessibility features	Easy touch screen		
	Normal/reverse grip & light drawing		

	Tilt operation panel
	Printer driver (PCL6) screen reader
	Simplified display
	Auditory outputs (easy to hear)
	Barrier-free colour management mode
	Visually accessible LED placement
Other value-added features	Folder management with password in Document Server
	Import/export of preferred settings
	Information screen (eco-friendly indicator)
	Bates stamp
	ID card copy
	Subset stapling
	Half fold
Dimensions (W x D x H)	587 x 685 x 788 mm
Weight	97.3/97.3/101.3/101.3/103.4/103.4/103.4 kg [ASP models, including SPDF]
Power source	220 - 240 V, 50/60 Hz

Copier Specifications - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Copying process	Dry Electrostatic Transfer System with Dual component Development: 4-Drum method	
Multiple copying	Up to 999 copies	
Resolution	600 dpi/4 bit	
Enhanced features	Colour mode	
	Duplex	1 sided to 2 sided
		2 sided to 2 sided (with ARDF)
		Book to 2 sided
		Front and back to 2 sided
	Book	Booklet
		Magazine
		Layout & Booklet
	Series	Book to simplex
		2 Sided original to simplex
	Combine	2 into 1 simplex
		4 into 1 simplex
		8 into 1 simplex
		1 duplex into 1 simplex
2 duplex into 1 simplex		
4 duplex into 1 simplex		
4 into 1 duplex		
8 into 1 duplex		

	16 into 1 duplex	
	2 duplex into 1 duplex	
	4 duplex into 1 duplex	
	8 duplex into 1 duplex	
Shift/erase/margin adjustment	Centering	
	Margin adjustment	
	Erase center	
	Erase border	
Cover sheet/chapter/slip sheets	Front cover	Copy or Blank
	Front & back cover	Copy or Blank
	Chapter	
	Slip sheets	
Image rotation		
Electronic sort	Without shift sort	Yes (only without finisher)
	Rotate sort	Yes
	Shift sort	Yes (only with finisher)
Electronic stack		
Stapling		
Colour creation	Colour conversion	
	Colour erase	
	Colour overlay	
Image creation	Repeat	
	Double copy	
	Mirror	
	Positive/negative	
Stamp/numbering	Preset stamp	8 stamps
	User stamp	4 stamps
	Date stamp	
	Page number	6 styles
	Bates Numbering	
	Printing copy prevention pattern	
Colour balance adjustment		
Colour balance program		
Auto Colour Calibration (ACC)		
Sharp/soft	7 levels	
Contrast	9 levels	
Background density adjustment	9 levels	
Under Colour Removal (UCR) adjustment	9 levels	

	Text & photo separation sensitivity adjustment	9 levels
	Colour erase sensitivity adjustment	5 levels
	Job programs	
	User code	8 digits / 1,000 user code
	Interrupt copy	
	Auto start	
	Job preset	
	Sample copy	

Printer Specifications - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series			
Printer language	Standard	PCL5c	
		PCL6(XL)	
		PDF	
	Option	XPS	
		Adobe® PostScript® 3™	
		IPDS	
		PictBridge	
Print resolution	Maximum	1,200 x 1,200 dpi/2bit	
Interface	Standard	USB2.0 Type A	
		SD slot	
		Ethernet 10 base-T/100 base-TX/1000 base-T	
	Option	Wireless LAN (IEEE 802.11a/b/g/n)	
		Bluetooth	
		USB Server for Second Network Interface	
		Bi-directional IEEE 1284/ECP	
USB 2.0 (Type B)			
Mobile printing capability	Apple AirPrint™		
Network protocol	Standard	TCP/IP	IP v4
			IP v6
Windows® environments	Windows® Vista		
	Windows® 7		
	Windows® 8		
	Windows® 8.1		
	Windows® Server 2008		
	Windows® Server 2008R2		
	Windows® Server 2012		
	Windows® Server 2012R2		

Mac OS environments	Macintosh OS X Native v10.7 or later	
UNIX environments	UNIX Sun® Solaris	9
		10
	HP-UX	11.x
		11i v2
		11i v3
	SCO OpenServer	5.0.7
		6.0
	RedHat® Linux Enterprise	4
		5
		6
	IBM® AIX	5L v5.3
		5L v6.1
5L v7.1		
SAP® R/3® environments	SAP® R/3®	
Other supported environments	NDPS Gateway	
	AS/400® using OS/400 Host Print Transform	
	IBM iSeries	
Supported barcode & OCR fonts		
Printer driver features	Sample print	
	Locked print	
	Hold print	
	Scheduled print	
	Stored print	
	Store and print	
	Banner Page Print (Job Sheet Print)	
	Black over print	
	CLP colour simulation	
	PDF direct print	
	PictBridge	
	Mail to print	
	Classification code	
	Bonjour (Rendezvous) support	
	Windows® Active Directory support	
	DDNS support	
	PCL resident font adoption	
	Tray-parameter change from Web Image Monitor	
	1,200 dpi support	
	Mobile driver	

XPS support
WS printer
Wireless LAN interface option
Media Direct Print (print from USB)
Media Direct Print (print from SD)
Auto Job Promotion
AirPrint
Poster Print
WPS (WiFi Protected Set-up) support

Scanner Specifications - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Scanning area	Main scan	297 mm
	Sub scan	432 mm
Scanning speed	ARDF	Max. 80 originals per minute
	SPDF	Max. 110 (simplex)/180 (duplex) originals per minute
Resolution	Standard	100 dpi
		200 dpi
		300 dpi
		400 dpi
		600 dpi
		1,200 dpi
	Default	200 dpi
Maximum	1,200 dpi	
Network interface	Ethernet 10 base-T/100 base-TX	
	GigaEthernet (1000 base-T)	
	Wireless LAN (IEEE 802.11a/b/g/n)	
Protocol	Network: TCP/IP	
	Web Services on Devices for Scanning	
	Sending E-mail: SMTP, POP3	
	Sending E-mail: SMTP	
Scan mode	Standard	B/W
		B/W text/line art
		B/W text
		B/W text/photo
		B/W photo
		B/W grayscale
		Full colour
		Full colour text/photo
		ACS

Image density	Auto Density Selection	
	Manual: 7 levels	
Original size	A3	
	A4	
	A5	
	B4	
	B5	
	B6	
File format	Single page TIFF	
	Single page JPEG	
	Single page PDF	
	Single page High compression PDF	
	Single page PDF-A	
	Single Page Encrypt PDF	
	Multi page TIFF	
	Multi page PDF	
	Multi page High compression PDF	
	Multi page PDF-A	
	Multi Page Encrypt PDF	
	High compression PDF	
	Single page OCR (option)	
	Multi page OCR (Option)	
Bundled drivers	Network TWAIN	
	Scanner utility	
	WIA	
Scanner features	WS-Scanner	
	Scanned file naming	Reference # setting
	LDAP Support	E-mail address search
		Fax address search
	Preview before transmission (TX preview)	
	PDF encryption	
	Drop out colour send	
	Twain Scan	
	Universal send (simultaneous fax & scan)	
	Distributed Scan Management (DSM)	
Scan to	E-mail	
	Folder	
	USB	
	SD card	

	SMB
	FTP
	URL
	PDF/A
	Digitally signed PDF
	Searchable PDF (embedded)

Fax Specifications - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series (optional)

Circuit	PSTN		
	PBX		
Compatibility	ITU-T (CCITT) G3		
	Additional G3 (option)		
Resolution	Standard	8 x 3.85 line/mm, 200 x 100 dpi	
		8 x 7.7 line/mm, 200 x 200 dpi	
	Option	8 x 15.4 line/mm, 400 x 400 dpi	
		16 x 15.4 line/mm, 400 x 400 dpi	
Compression method	MH		
	MR		
	MMR		
	JBIG		
Transmission speed	G3	2 second(s) (200 x 100 dpi, JBIG)	
		3 second(s) (200 x 100 dpi, MMR)	
Modem speed	Maximum	33.6 Kbps	
Scanning speed	0.83 second(s)		
Memory capacity	Standard	4 MB	
	Maximum	64 MB	
Internet Fax	Requirement of mainframe	G3 fax option required	
	Number of address	2,000 addresses (without HDD)	
	Email address input	From LCD operation panel	
		Web Image Monitor	
		Smart Device Monitor for Admin	
	Attention	"to" or "bcc" (select only one), maximum 500 attentions	
	Destination combination	Internet Fax + G3 Fax	
		Internet Fax to PC + G3 Fax	
Network	LAN	Ethernet/10Base-T	
		Ethernet/100Base-TX	
		Ethernet/1000Base-T	
		IEEE 802.11a/b/g/n (Wireless LAN)	

	Transmit function	E-mail		
	Scan line density	Standard character	200 x 100 dpi	
		Detail character	200 x 200 dpi	
		Fine character	200 x 400 dpi	
		Super fine character	400 x 400 dpi	
	(Maximum)Original size	A3		
	Communication protocol	Transmission	SMTP, TCP/IP	
		Reception	POP3	
			SMTP	
			IMAP4	
	TCP/IP			
	IPv6 Support			
	Email format	Single/multi-part		
		MIME Conversion		
Attached file forms: TIFF-F (MH, MR, MMR compression)				
Authentication method	SMTP-AUTH			
	POP before SMTP			
	A-POP			
Internet communication	Send and receive e-mail with a computer that has an e-mail address			
E-mail send functions	Automatic conversion of sent documents to e-mail format and e-mail transmission. Memory transmission only.			
E-mail receive functions	Automatic detection and printing of appended TIFF-F(MH) files and ASCII text. Memory reception only.			
Paper size	A3			
	DLT			
	B4			
	A4			
	Letter			
	Legal			
	B5			
	A5			
Resolution	Super fine	400 x 400 dpi		
	Detail	200 x 200 dpi		
	Standard	200 x 100 dpi		
	Reduce 400dpi image data to 400dpi			
Number of addresses	2,000 addresses			
OS	Windows® XP			
	Windows® Vista			
	Windows® 7			

	Windows® 8		
	Windows® Server 2003		
	Windows® Server 2003R2		
	Windows® Server 2008		
	Windows® Server 2008R2		
	Windows® Server 2012		
	Windows® Server 2012R2		
IP Fax	Network	Ethernet/10Base-T	
		Ethernet/100Base-TX	
		Ethernet/1000Base-T	
		IEEE 802.11a/b/g/n (Wireless LAN)	
	Scan Line Density	Standard character	200 dpi x 100 dpi
		Detail character	200 dpi x 200 dpi
		Super Fine character	400 dpi x 400 dpi
	Maximum scanning size	Standard	297 mm x 432 mm
		Irregular	297 mm x 600 mm
	Transmission protocol	Recommended: T.38, TCP, UDP/IP communication, SIP(RFC 3261 compliant), H.323 v2	
	IPv6 support		
	Compatible machines	IP-Fax compatible machines	
	IP-fax transmission function	Specify an IP address and send faxes to an IP-Fax compatible fax through a network. Also capable of sending faxes from a G3 fax connected to a telephone line via a VoIP gateway.	
IP-fax reception function	Receive faxes sent from an IP-Fax compatible fax through a network. Also capable of receiving faxes from a G3 fax connected to a telephone line via a VoIP gateway		
Original size	Maximum	A3	
		DLT	
Fax features	Remote Fax		
	Detection of misplaced document		
	Double-check of destination address		
	Direct SMTP		
	Forward to E-mail	Inbound fax (G3/Internet)	
		G3 fax transmission result	
		G3 LAN fax transmission result	
		Internet fax sending result (to SMTP)	
		Fax to e-mail result (to SMTP)	
		IP fax sending result	
		Journal	
Fax from special sender			

		Fax and forward designated receiver (SUB)
	Fax forward to folder	with e-mail notification
	Paperless fax (HDD received)	with e-mail notification
	LAN-fax with cover sheet editor	
	LDAP Support	Fax address search
	Max G3 lines	
	Universal Send (simultaneous fax & scan)	
	DS stored data sending	
	Fax line assignment	
	Fax output timer	

Paper Specifications - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series		
Recommended paper size	Standard paper tray(s)	SRA3
		A3
		A4
		A5
		A6
		B4
		B5
		B6
Paper input capacity	Standard	1,200 sheets
	Maximum	2,300/2,300/4,700/4,700/4,700/4,700/4,700 sheets
Paper output capacity	Maximum	1,625/1,625/1,625/1,625/3,625/3,625/3,625 sheets
Paper weight	52 - 300 g/m ²	

Security Specifications - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series		
HDD Data Overwrite Security (with optional HDD)		
Authentication	Windows® authentication	
	LDAP authentication	Kerberos
	Basic authentication	
	User code authentication	
	802.1.x wired authentication	
Encryption	Address book encryption	
	Authentication password encryption	
	SSL communication	
	S/MIME	
	IPsec communication	
	HDD encryption	

	Type A
	SNMPv3 (SDM)
	Address book encryption
	PDF password encryption
	Authentication password encryption
	WPA2 (Wireless LAN)
Others	Network Protocol On/Off
	IP filtering (Access Control)
	Mask Type for copying/data security
	Copy Data Security Unit
Unauthorised copy prevention (print)	
Unauthorised copy prevention (copy)	
Quota Setting/Account Limit	
Single Sign On	
SMTP over SSL	
Compulsory security stamp	

Environmental Specifications - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series			
Power consumption	Maximum	1,700/1,700/1,700/1,700/1,850/1,850/1,850 W	
	Ready mode	50.2/50.2/47.3/47.3/55.1/55.1/55.1 W	
	Sleep mode	0.9/0.9/0.93/0.93/0.89/0.89/0.89 W	
	TEC (Typical Electricity Consumption)	0.7/0.9/1.2/1.3/1.8/2.5/2.7 kWh	
Material emission level (emission rate)	Ozone (Print)	FC	Operation: 3 mg/h
		BW	Operation: 1.5 mg/h
	Dust (Print)	FC	Operation: 4 mg/h
		BW	Operation: 4 mg/h
	Styrene (Print)	FC	Operation: 1.8 mg/h
		BW	Operation: 1 mg/h
	TVOC (Print)	FC	Operation: 18 mg/h
		BW	Operation: 10 mg/h
	TVOC (Ready)	Operation: 2 mg/h	
	Benzene (Print)	Operation: 0.05 mg/h	
Environmental labels/ENERGY STAR certification	BAM		
	ENERGY STAR version 1.1		
	ENERGY STAR version 2.0		
Storage conditions	Temperature	-30°C - 40°C	

	Humidity	Less than 85%
	Storage period	Maximum 12 months
	Maximum stack	3 cartons
Transportation conditions	Temperature	-30 - 40°C
	Humidity	Less than 95%
	Maximum stack	2 cartons

Options - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

ADF handle
1 x 550-sheet paper tray
2 x 550-sheet paper tray
2,000-sheet large capacity tray
1,500-sheet side large capacity tray
Bridge unit
1,000-sheet Hybrid finisher
3,000-sheet finisher
Internal finisher
Internal finisher with stapleless stapler
1,000-sheet booklet finisher
2,000-sheet booklet finisher
Punch kits
Internal shift tray
One-bin tray
Side tray
Caster table
Cabinet
Bi-directional IEEE 1284
Wireless LAN (IEEE 802.11a/g/n)
Bluetooth
Pictbridge
PostScript3
IPDS unit
Counter interface
File format converter
Key counter bracket
Card reader bracket
Data Overwrite Security Unit (Certified version)
Fax Connection Unit

Fax marker
Fax memory
Fax option
Unicode Font Package for SAP
OCR Unit
Smart Card Reader Built-in Unit
SRA3 unit
XPS direct print
Enhanced security HDD
Keyboard bracket
NFC Card Reader
Font SD card
USB Device Server
Banner paper tray guide
G3 Interface unit
EFI colour controller
Extended USB board
4GB Memory unit

Consumables - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series

Toner capacity	Black	15,000/15,000/29,500/29,500/33,000/33,000/33,000 prints
	Cyan	9,500/9,500/18,000/18,000/22,500/22,500/22,500 prints
	Magenta	9,500/9,500/18,000/18,000/22,500/22,500/22,500 prints
	Yellow	9,500/9,500/18,000/18,000/22,500/22,500/22,500 prints



10. Service and Supplies

The new MFPs should be maintained by trained service engineers. Like other Ricoh MFPs, service is likely to be offered on a toner inclusive Pay per Page (PpP) basis.

PpP servicing offers the following customer advantages:

- Transparent pricing
- Includes toner and servicing
- Pre-agreed page cost
- Metered pay as you go billing

The new models have similar running costs to their predecessors (MP C2003/C2503/C3003/C35003/C4503/C5503/C6000 series). Although the running costs are similar, sales people should refer to their service or sales management for actual service pricing.

The new models are highly reliable. With target MCBCs (mean copies between calls) ranging from 33,700 (MP C2004) to 100,800 pages (MP C6004), customers producing average document volumes might expect to need a service visit once every six to ten months.

Using @Remote, the devices can be monitored in real-time enabling Ricoh's service operation to identify issues before they become apparent to users and deliver consumable items such as toner in advance of need.

Consumable yields and service parameters are provided below:

Service and Supplies Specifications - MP C2004/C2504/C3004/C3504/C4504/C5504/C6004 Series								
		MP C2004	MP C2504	MP C3004	MP C3504	MP C4504	MP C5504	MP 6004
Document Volume	Average Monthly Volume	3,000 pages	4,000 pages	5,000 pages	7,000 pages	10,000 pages	12,000 pages	15,000 pages
	Maximum Monthly Volume	10,000 pages		20,000 pages		50,000 pages		
	Duty Cycle	40,000 pages		80,000 pages		200,000 pages		
Consumable Yield	Black Toner	15,000 prints per bottle		29,500 prints per bottle		33,000 prints per bottle		
	Colour Toner	9,500 prints per bottle per colour		18,000 prints per bottle per colour		22,500 prints per bottle per colour		
Maintenance Cycle	PM Cycle	60,000 pages		300,000 pages		400,000 pages		
	MCBC	33,700 pages	35,800 pages	62,000 pages	69,000 pages	89,300 pages	93,000 pages	100,800 pages
Service Life	Target Life (Mainframe)	5 years or 600,000 pages		5 years or 1.2 million pages		5 years or 3 million pages		