



Sales Guide

Aficio MP C6000 and MP C7500

High Speed Colour for the
General Office and Light Production

RICOH

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This sales guide is intended for internal use by company employees and dealer employees. It is not intended for customer consumption. Information is provided as a sales training aid. Whilst care has been taken to ensure that information is accurate, no liability will be accepted for errors and omissions.

Introduction

- ✓ High speed colour and black and white for the office and light production
- ✓ Replacements for Aficio 3260C and 5560C
- ✓ Faster engines, enhanced image quality, improved handling
- ✓ Basic and pre-configured copy, print and scan versions
- ✓ Powerful EFI Fiery controller option launching in Spring / Summer 2008
- ✓ Marketing leading specifications, versatile configuration, fantastic value

Since the introduction of our 45 and 55 page a minute colour MFPs, we have dominated the colour high speed general office and light production markets. The original machines sold in big numbers and generated huge colour volumes. To extend that success we have introduced successor models that build on the strong features of the original products and which come with new and enhanced features.

The new models are the Aficio MP C6000 and MP C7500. The productivity of the machines has been increased to 55ppm colour / 60ppm mono (Aficio MP C6000) and 70ppm colour / 75ppm mono (Aficio MP C7500).

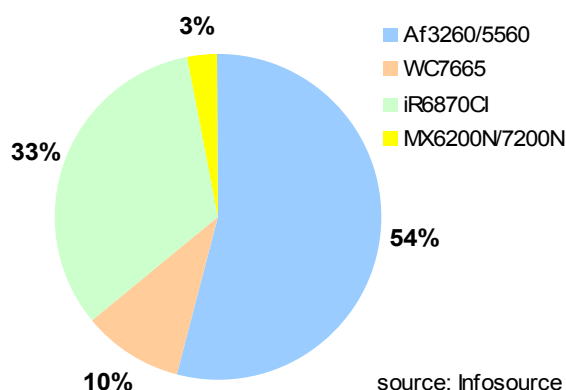
Other improvements include:

- ✓ Enhanced Image Quality
- ✓ Outstanding Usability
- ✓ Better paper specifications
- ✓ Professional finishing options
- ✓ Fax functionality
- ✓ Latest Scan, Print and Security features

Faster, more versatile and capable of delivering even better output quality, the new machines can meet all high speed colour and black and white needs from walk-up use in the general office to light production in the Print Room, CRD or Pay For Print arena.

The Aficio MP C6000 and MP C7500 are available in two different configurations. SP models ship with a pre-installed GW controller to provide high speed high quality colour copy, print and scan functionality. High speed fax is

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a new option making the SP models ideal for all general office applications.

Aficio MP C6000 and MP C7500 base models ship as copiers but can be upgraded with powerful EFI Fiery controllers that become available in spring / summer 2008. The Fiery controller option together with professional finishing features like A3+ support, on-line booklet making, stream punching and Z folding will strengthen the machines' appeal to the production market.

This guide explains the features, functionality and positioning of the new models in more detail, exploring key features that will help you sell them to your customers. Keep the guide to hand and use it to help you present the products effectively.

Product Concept

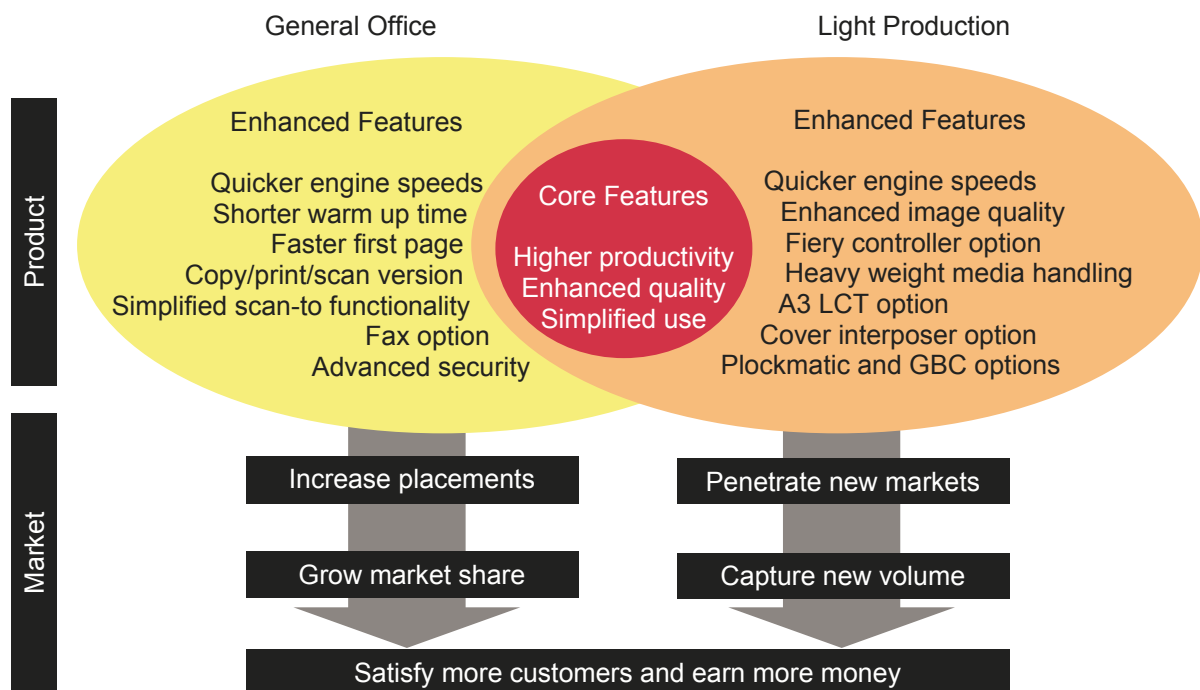
- ✓ High speed, high quality colour and black and white MFPs
- ✓ Black-to-colour concept simplifies conversion from mono to colour
- ✓ Base models meet copy only needs
- ✓ SP versions meet multifunctional copy/print/scan needs
- ✓ Fiery controller option meets colour matching needs of professional market
- ✓ Professional handling options further extend functionality

Take the best and make it better! That is exactly what we have done with the Aficio MP C6000 and MP C7500. The engines have been refined to give higher output speeds and productivity. Image quality has been enhanced and the latest digital features incorporated to provide sophisticated yet simple to use functionality. New professional finishing options and the Fiery controller option increase versatility and make the products suitable for more demanding production environments. It is a winning combination.

Of the previous models, the Aficio 3260C enjoyed greatest success, selling in big numbers into the general office environment

as a black-to-colour replacement for high speed mono devices. The Aficio 5560C, targeted at professional print environments, enjoyed slightly less success because it lacked some of the advanced specifications demanded by the production market like heavy weight media handling and fine colour control.

The new models are based on a similar high speed 4 drum tandem engine to their predecessors and boast enhancements which will make them even more attractive to the general office market and which will dramatically improve their suitability for production printing.



Quick Overview

- ✓ A3 high-speed black-to-colour engine
- ✓ 60ppm mono / 55ppm colour (Aficio MP C6000)
- ✓ 75ppm mono / 70ppm colour (Aficio MP C7500)
- ✓ 100 sheet ARDF, full speed duplex and 3400 sheet paper supply as standard
- ✓ Paper weights of up to 300gsm
- ✓ Staple, fold, punch and insert options

Aficio MP C6000 showing example configuration for the general office



Colour touch-screen panel (std)

Aficio MP C7500 showing example configuration for light production



General Features

Functionality, Feeds and Speeds

		MP C6000	MP C6000SP	MP C7500	MP C7500SP
Function	Copier	Standard	Standard	Standard	Standard
	Printer	Option (Fiery controller)	Standard (GW controller)	Option (Fiery controller)	Standard (GW controller)
	Scanner	Option	Standard	Option	Standard
	Doc Server	Option	Standard	Option	Standard
	Fax	Option (G3 only)	Option (G3/LAN/Internet)	Option (G3 only)	Option (G3/LAN/Internet)
Paper	Paper Format (min/max)	A5/A3+	A5/A3+	A5/A3+	A5/A3+
	Paper Capacity (std/max)	3400/7400	3400/7400	3400/7400	3400/7400
	Output Capacity (std/max)	500/3500	500/3500	500/3500	500/3500
Speed	First Page (mon/col)	5.7/7.5s	5.7/7.5s	4.9/6.4s	4.9/6.4s
	Engine Speed (mon/col)	60/55ppm	60/55ppm	75/70ppm	75/70ppm
	Duplex Speed (mon/col)	60/55ppm (100%)	60/55ppm (100%)	75/70ppm (100%)	75/70ppm (100%)
Handling	ARDF	Standard (100 sheet)	Standard (100 sheet)	Standard (100 sheet)	Standard (100 sheet)
	Duplex	Standard (trayless)	Standard (trayless)	Standard (trayless)	Standard (trayless)
	Bypass	Standard (100 sheet)	Standard (100 sheet)	Standard (100 sheet)	Standard (100 sheet)

* Please note there is no GW controller option for base models and no Fiery controller option for SP models. Option and upgrade paths are explained in the Configuration Overview section.

Comparison with Predecessor

- ✓ Higher productivity
- ✓ Enhanced Image Quality
- ✓ Easier operation
- ✓ Better paper handling specifications
- ✓ Professional finishing options
- ✓ Fax functionality and the latest scan, print and security features

The Aficio MP C6000 replaces the Aficio 3260C and the Aficio MP C7500 replaces the Aficio 5560C. Although based on a similar platform, the new products are significantly better than their predecessors.

Improvements

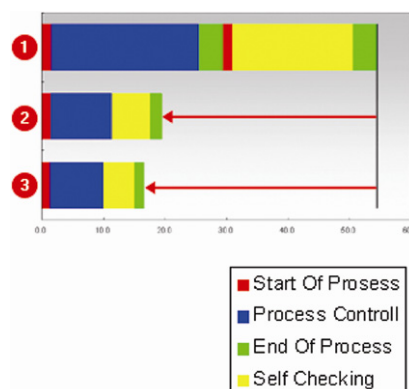
- ✓ Increased productivity due to faster engine speeds, a reduction in calibration time and quicker warm up process.
- ✓ Improved image quality resulting from to a newly designed development system, fusing unit and new ultra-fine PxP™ toner.
- ✓ Operation is even easier than on the predecessor models thanks to the widescreen colour operation panel and improved workflows.
- ✓ The new models boast Improved paper handling specifications with the ability to feed 216 g/m² paper from standard trays and A3+ paper via the new A3 LCT.
- ✓ Professional finishing options like the Plockmatic booklet maker, GBC StreamPunch and Z-folding are supported on the new models.
- ✓ The new machines can be configured with a fax option and have upgraded scan, print, fax and security features like other recently launched Aficio MFPs.

Higher Productivity

The engine speed has been increased to 60/55 ppm (B&W/Col) and 75/70 ppm (B&W/Col) for the MP C6000 and MP C7500, making the MP C7500 the fastest machine in its class.

A new fusing unit using a specially designed thin fusing roller works in with the new PxP™ low fusing temperature toner to dramatically reduce warm up time. The Aficio MP C6000 and MP C7500 are ready to print less than 75 seconds after power up which is faster than any competitor in their class. The lower fusing temperature also helps reduce overall power consumption.

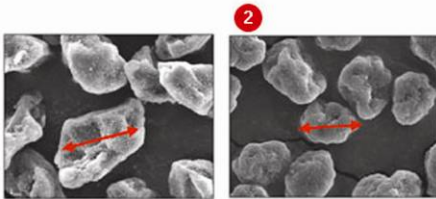
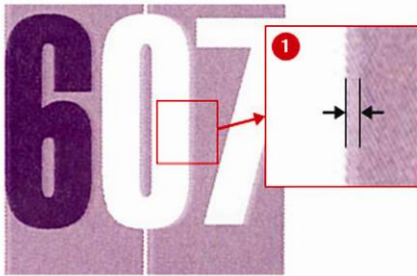
The Cycle Down Time (process control and self check time) of the new machines (2) and (3) has been drastically reduced from that of the predecessor models (1) helping to increase the overall productivity of these machines to the highest in their class.



Enhanced Image Quality

Newly designed developer and fusing units together with the use of new PxP™ toner have further improved image quality.

The new developer unit improves the flow of toner and developer throughout the unit, resulting in more even solids and reducing banding. It also reduces halo effects (1).



Softer surface on the fusing roller further improve fusing and allow a greater latitude of paper weights and since the pick-off pawls don't touch the roller pawl stripes are eliminated.

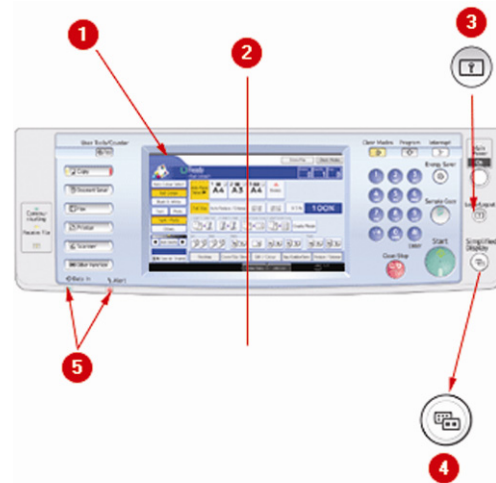
Not only does PxP™ toner fuse at lower temperatures, the toner particles (2) are smaller and more uniform in shape improving the evenness, density and sharpness of images.

Easier Operation

To make operation easier, the new machines come with a colour 8.5 inch widescreen operation panel (1).

The LCD panel, logo and tray handles all have central positions on the device (2) making them easier to locate.

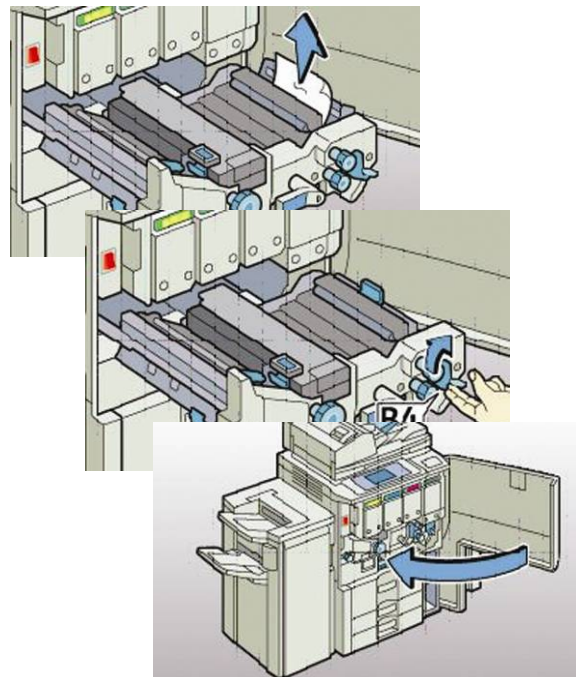
The Login/Logout button (3) allows the user to login and logout quickly helping to prevent unauthorised use,



There is a one button switch (4) to a simplified display mode. In this mode text is enlarged and made easier to read and more complex operations are hidden from view.

New status LEDs (5) positioned on the front edge of the control panel are easily visible from a distance showing users the machine status without them having walk up to the machine.

The Aficio MP C6000 and MP C7500 also feature animated guidance for user maintenance task like product clearing misfeeds and replenishing toner and staples.



Better Paper Handling Specifications

The paper weight from standard trays has been increased to 216 g/m² and the paper weight from the bypass feed and new A3 LCT to 300 g/m².

The standard 2 x 1100 A4 tandem tray (top tray) can be converted into an 1100 sheet A3 tray, increasing the A3 paper capacity. With the new A3 LCT fitted, the machine will hold up to 4200 sheets of A3 on-line



A new A3 Large Capacity Tray supports paper sizes up to A3+* and paper weights up to 300 g/m². It is equipped with the air assist mechanism for better paper separation of coated paper.

The A3 LCT uses the Bypass Tray entrance, so with this option fitted there is no bypass feed. The A3 LCT is perfect for applications where there is a requirement to feed large paper sizes and / or heavy paper weights on a regular basis.

* A3+ = 12" x 18" = 305 x 457 mm

Professional Finishing Options

The GBC StreamPunch III unit enables the user to punch documents at full engine speed in seven standard binding formats. The operator can quickly and easily change the die set to change the punching style.

The Plockmatic BK5010 booklet maker with optional trimmer and square folding function (2a), enables the user to produce professionally finished A4 and A5 booklets (2) of maximum 120 pages (30 sheets). The interposer also supports cover insertion (up to 300g/m²).

The Z-folder unit is an interesting option for architects, construction companies, industrial plants or any other organization that frequently handles large schedules, tables or illustrations that are difficult to present on anything smaller than A3 (3).



Fax, Scan, Print and Security Features

A fax option, like that available with other Aficio MFPs, is available with the Aficio MP C6000 and MP C7500. The fax option provides high speed G3 fax functionality and means that in an office environment, the new machines can act as document centres handling communication as well as print. With SP versions of the product, the fax option also provides LAN Fax, Fax Forward to e-mail, Fax Forward to Folder, Paperless Fax, IP Fax and Internet Fax functions.

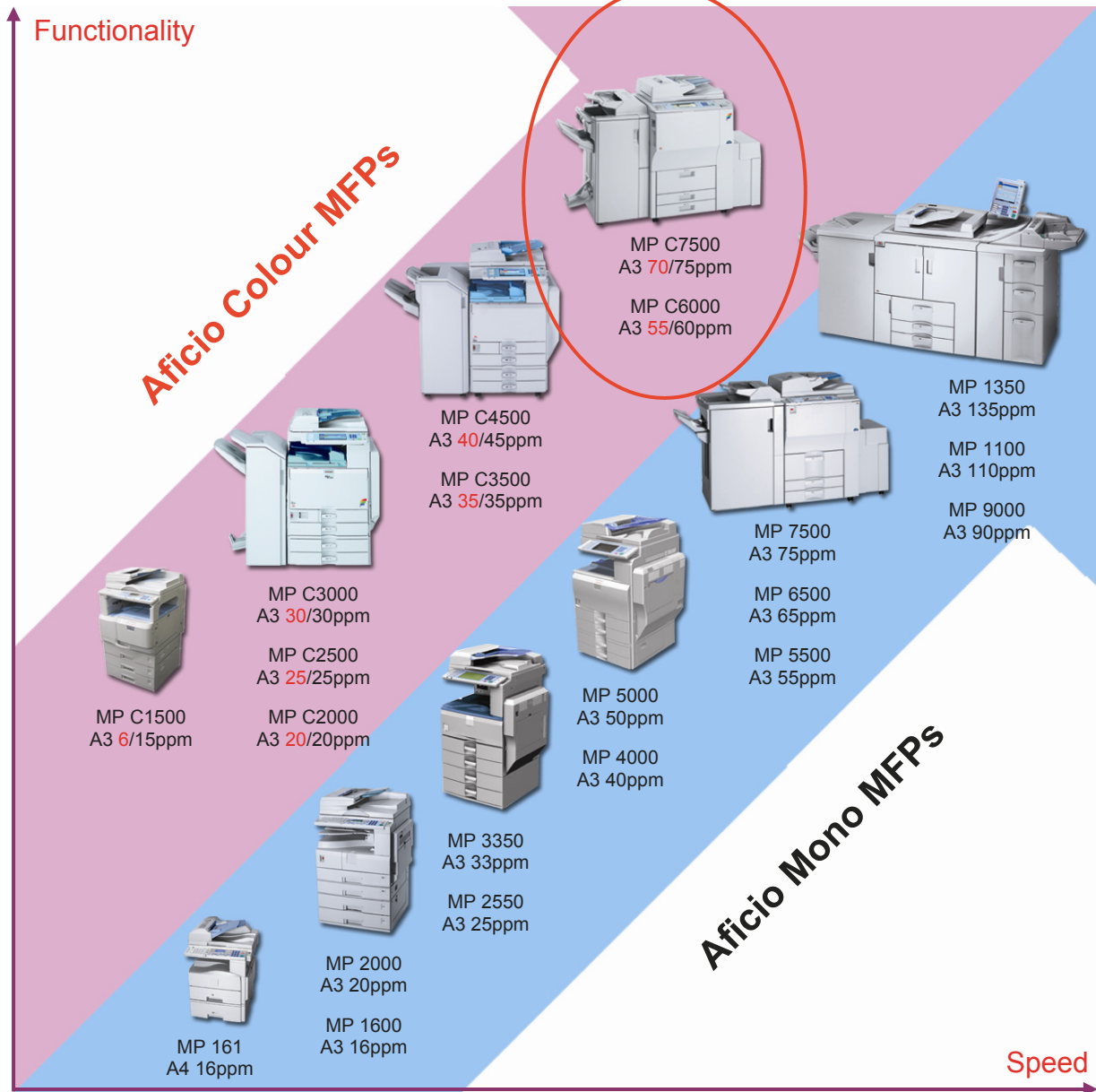
New scanning features (available with SP versions of the product) include Scan to URL, Scan to NCP, High Compression PDF, and Preview before Scan. These features are explained in more detail in the relevant sections of this guide.

New print features (available with SP versions of the product) include Imposition Settings, Double Print, Speed Print, Creep, Crop Mark printing, Mobile Driver and Mail to Print. These features are explained in more detail in the relevant sections of this guide.

New security features which are also explained later in the guide include a simplified Windows/LDAP/Basic authentication process, Kerberos authentication, encrypted pdf transmission and unauthorised copy protection.

Product Positioning

Within the Aficio colour and mono MFP ranges



Target Reliability and Volume

	MP C6000	MP C7500
Average Monthly Volume	30,000	50,000
Maximum Monthly Volume (5yr life)	150,000	150,000
Monthly Duty Cycle	300,000	300,000
Life	5 yrs / 9m	5 yrs / 9m

Configuration Overview

Hardware Configuration

Aficio MP C6000 and MC7500 basic models and SP models come as standard with the following hardware:

- 1 = Paper tray 1 (1100 sheets x2)
- 2 = Paper tray 2 (550 sheets)
- 3 = Paper tray 3 (550 sheets)
- 4 = Bypass tray (100 sheets)
- 5 = ARDF (100 sheets)
- 6 = Duplex unit (trayless)



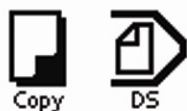
Function Configuration

The Aficio MP C6000 and MP C7500 ship in one of two configurations. Basic models, Aficio MP C6000 and MP C7500 ship as copiers. SP models, Aficio MP C6000SP and MP C7500SP ship as print and scan ready document centres.

Basic models can be upgraded to provide print and scan functionality by adding a Fiery controller. There are two Fiery controller options. Both launch in Spring / Summer 2008. The E-7100 is an embedded controller. The E-8100 is an external controller. There is no GW controller option for basic models and they cannot be upgraded by adding GW print and scan functionality. Fax is an option for basic models however the absence of a GW controller means that fax functionality is limited to G3 fax. Basic models can not be upgraded to provide LAN fax or IP fax functionality.

SP models can be upgraded by adding PostScript and Fax functionality. Because the SP models have GW controllers, adding fax functionality provides G3 fax, LAN fax and IP fax functionality. There is no Fiery option for SP models and they can not be upgraded with Fiery controllers and utilities.

Aficio MP C6000 and MP C7500 Basic Model Configuration



Basic models, Aficio MP C6000 and MP C7500 ship as copiers.

Aficio MP C6000 and MP C7500 Basic Model Upgrade Path



Basic models can be upgraded to include print and scan functionality by adding a Fiery controller. There is no GW controller option for basic models. G3 fax is also an option for basic models.

Aficio MP C6000SP and MP C7500SP Configuration



SP models, Aficio MP C6000SP and MP C7500SP ship as print and scan ready document centres.

Aficio MP C6000SP and MP C7500SP Upgrade Path



SP models can be upgraded by adding PostScript and Fax functionality. Adding fax functionality provides G3 fax, LAN fax and IP fax functionality. There is no Fiery option for SP models.

Function Configuration Summary

		Basic Models	SP Models
Embedded GW Controller		Not Available	Standard
Embedded Fiery Controller (E-7100)		Option	Not Available
External Fiery Controller (E-8100)		Option	Not Available
Interfaces	USB2.0	Option	Standard
	10/100Base-Tx	Option	Standard
	1000Base-T	Option	Option
	IEEE802.11a/b/g	Not Available	Option
	Bluetooth	Not Available	Option
	IEEE1284	Not Available	Option
PDL	RPCS	Not Available	Standard
	PCL5c/6	Option	Standard
	PS3	Option	Option
PictBridge support		Option	Option
G3 Fax option		Option	Option
Internet Fax / IP Fax		Not Available	Option
Copy Connect		Option	Option
Data Overwrite Security		Option	Option
HDD Encryption Unit		Option	Option
Copy Data Security Unit		Not Available	Option
File Format Converter		Option	Option
Java V/M Card		Option	Option
Browser Unit		Option	Option

External Options

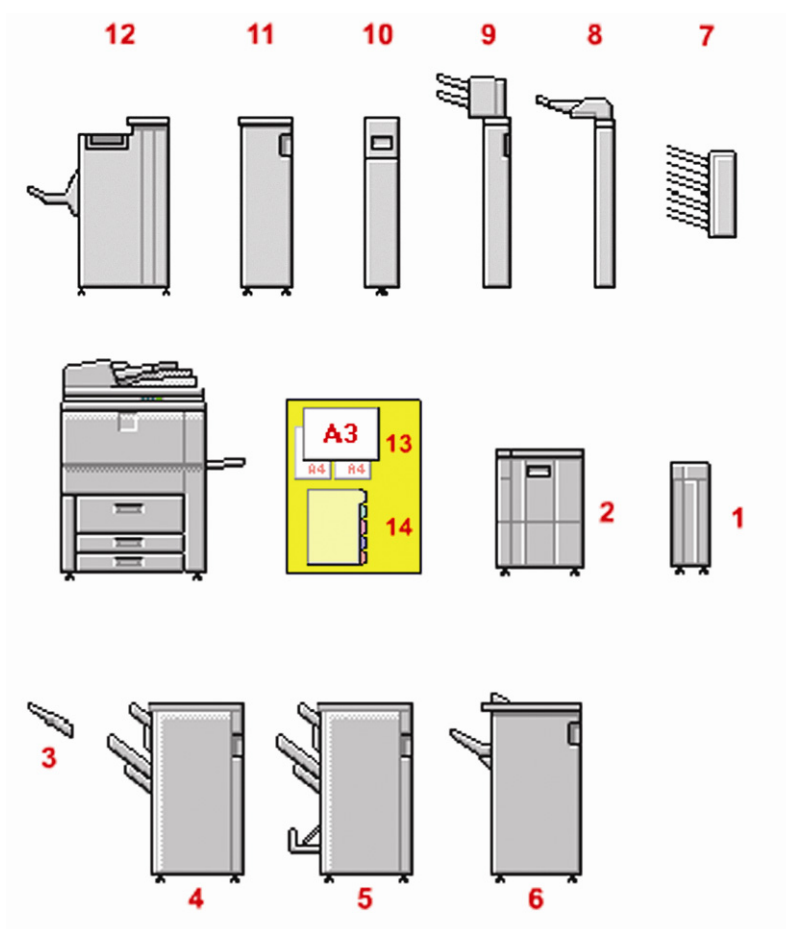
There is a wide range of standard external options available for the Aficio MP C6000 and MP C7500 series. In addition to the standard finishing options, basic models can be configured with a heavy duty Plockmatic Booklet Maker and / or a GBC Stream Punch. These two items are not options for SP models.

The standard options allow SP models to be configured to meet all walk up applications in the general office from basic copying and printing through to booklet making with externally produced covers. The specialist options available for basic models mean that they can be configured for dedicated use in production environments where non-stop production of neatly finished booklets is likely to be a requirement.

- 1 = A4 LCT (RT43) ¹
- 2 = A3 LCT (RT4000)
- 3 = Exit tray
- 4 = 50-sheet staple Finisher (SR 4010) ²
- 5 = Booklet Finisher (SR 4020) ²
- 6 = 100-sheet staple Finisher (SR 5000) ³
- 7 = 9-bin Mailbox (CS391)
- 8 = Cover Interposer (type 3260)
- 9 = 2-source Cover Interposer (type CI5000)
- 10 = Z-folding unit (ZF4000)

- 11 = GBC StreamPunch
(basic models only)
- 12 = Plockmatic Booklet Maker
(basic models only)
- 13 = A3 Tray unit
- 14 = Tab sheet unit

- ¹ LCT adapter required
- ² Optional Punch Unit and Jogger available
- ³ Optional Punch Unit available



Marketing Objectives

- ✓ Maintain competitive advantage
- ✓ Sell more machines into the general office market
- ✓ Replace slower, less productive competitor colour boxes
- ✓ Accelerate B-to-C conversion
- ✓ Penetrate production market
- ✓ Increase colour document volume and grow after sales profit

Maintain Competitive Advantage

The previous models were far superior to competitor models and took a greater than 50% share of the high speed general office colour market. As competitors introduce new models, the competitive advantage enjoyed by the original models will be eroded. The new Aficio MP C6000 and MP C7500 boast significantly improved specifications, new features and functionality and a wider range of handling options. The improvements mean that we maintain the strong competitive advantage that we hold over the competition, making our products easier to sell.

Accelerate Colour Growth

Colour print is now a standard feature of the general office market. As colour has become more widely used, users have demanded easier access to colour (more colour machines) and greater colour productivity (faster colour machines). By bringing faster more productive colour engines to market, we will fuel that demand and increase the rate of black to colour conversion in high speed / high volume general office applications.

Increase Sales Revenue

By promoting best-in-class black-to-colour solutions into a fast growing market, we will dramatically increase box sales and grow our hardware revenues. Improvements to speed, productivity and quality make the new machines more desirable than competitor machines. Improvements to functionality make the new machines an even more viable

alternative to high volume black and white machines than their predecessors. The new machines can be used to replace slower, less productive colour machines supplied by the competition as well as to replace high volume black and white machines using a black to colour strategy.

Increase Colour Document Volume

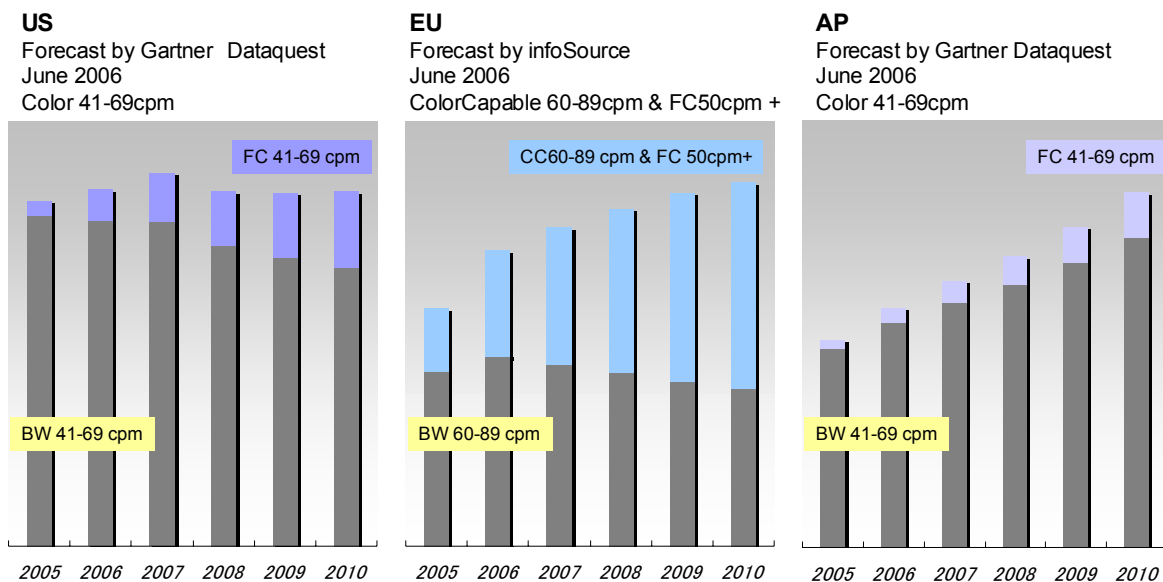
Market acceptance of colour, combined with the dramatic improvements we have made to colour speed and colour quality will inevitably lead to an increase in colour print ratios. With little difference in productivity between colour and black and white output and the ready availability of automated online finishing, users will be more inclined to print in colour. Colour document ratios will increase leading to a dramatic increase in revenue from service click and consumables.

Stretch into Production

The improvements in speed and quality are even more significant to the production market. These improvements, combined with wider paper handling specifications, new Fiery controllers and a choice of professional finishing options, make the Aficio MP C6000 and MP C7500 ideal for light production. In Print Room, CRD and Pay-for-Print environments, they present a compact and affordable alternative to competitor 'heavy iron' machines. Penetrating the production environment presents the opportunity to capture enormous regular colour print volumes from the competition.

Market Potential

- ✓ High speed MFP segment growing at pace
- ✓ Decline in high speed B&W MFP sales
- ✓ Huge growth in high speed colour MFP sales
- ✓ European sales of colour outstripping the US and Asia Pacific
- ✓ Sales of high speed colour MFPs to overtake B&W in 2009
- ✓ MP C6000 & 7500 first engines with colour speed to replace high speed mono



Industry observers like Gartner, Dataquest and Infosource predict huge growth in the sale of colour capable MFPs, particularly higher speed, higher productivity devices. The European market is way ahead of the US and Asia Pacific in its acceptance of colour. Infosource forecast that in Europe, by 2009, 50% of all high speed MFP sold will have colour capability!

At the moment there is a large and virtually untapped market for high speed, high productivity colour MFPs. Whilst manufacturers have introduced low to mid speed colour capable devices, there has not, until now, been a colour engine with the sheer

speed and productivity necessary to replace high speed black and white machines.

The Aficio MP C6000 and MP C7500 with their exceptionally fast colour output speeds and versatile handling are the first MFPs with the capability to replace high speed high volume black and white in the general office and light production environments. There is little viable colour competition in this sector. By taking a lead now you can take easy advantage of the high page volumes, both black and white AND colour, that these machines will generate.

Target Markets

- ✓ Target the General Office with print and scan ready SP versions
- ✓ - Replace slow and unproductive colour machines
- ✓ - Use B2C strategy to replace high volume B&W
- ✓ Target Light Production with EFI version and professional finishing
- ✓ - Compact and low cost alternative to colour 'heavy metal'
- ✓ - Supplement or replace high speed black and white MFPs

Need	General Office			Production		
	Occasional Colour	General Colour	Colour Dedicated	Office Application	Light Production	Heavy Production
Application	E-mail, Web, Excel, Powerpoint				CAD, Quark, Photoshop	
Media	Copy recycled paper	Copy and colour copy paper	Copy paper, colour copy paper and thick paper	Colour copy paper, thick paper, coated paper, wide paper		
Colour Ratio	<30%	30-70%	>70%	>80%		
higher volumes						
MP C6000/7500EFI				Main Target		
MP C6000/7500SP				Main Target		
MP C3500/4500E1				Main Target		
MP C3500/4500	Main Target		Secondary Target			
MP C2500/3000E1				Main Target		
MP C20/25/3000	Main Target	Secondary Target				
MP C1500sp	Main Target					
lower volumes						

General Office

With their high colour productivity, the Aficio MP C6000 and MP C7500 can directly replace high speed mono devices in the office, adding colour without compromising office productivity. Excellent image quality means that the machines can be used to produce customer-facing material like proposals,

presentations and reports, whilst document centre features like scan-to-email and high speed fax mean the machines can be used to streamline workflows. Aficio MP C6000SP and MP C7500SP print and scan ready versions of the product are likely to gain highest approval in the general office environment.

Sales Strategies for the General Office

Upgrade
Upgrade slower, less productive colour MFPs and printers to ...
Consolidate
Consolidate B&W, Colour and Fax volume in a single high production MFP like ...
Bring In-House
Bring outsourced colour print and copy work in-house and produce it on ...
B2C Conversion
Replace B&W MFPs with a high speed colour capable MFP like ...



Aficio MP C6000SP and MP C7500SP

Light Production

High colour productivity, outstanding image quality, the ability to feed heavyweight A3 paper and professional finishing, make the Aficio MP C6000 and MP C7500 ideal for light

production applications. In Print Room, CRD and Pay-for-Print environments, these machines present a compact and affordable alternative to competitor 'heavy metal' machines. Fiery controllers provide precise colour control and are likely to gain highest approval in light production markets.

Sales Strategies for Light Production

Downsize
Save space and cost by replacing 'heavy metal' colour machines with ...
Upgrade
Upgrade slower, less productive colour production equipment to ...
Supplement
Supplement your existing B&W production equipment, adding colour with ...
B2C Conversion
Replace B&W equipment with a colour capable production machine like ...



Aficio MP C6000 and MP C7500 with EFI controller and professional finishing

Key Selling Points

- ✓ High productivity
- ✓ Superb image quality
- ✓ Versatile paper feed
- ✓ Simple operation
- ✓ Professional handling options
- ✓ Advanced communication features

High Productivity

- ✓ 70ppm colour / 75ppm mono
- ✓ 55ppm colour / 60ppm mono
- ✓ Full speed duplex
- ✓ 75 second warm up
- ✓ Continuous feed capability

Versatile Paper Feed

- ✓ A3+ capability
- ✓ 300gsm A3 LCT and Bypass
- ✓ 216gsm from standard trays
- ✓ 100 sheet ARDF as standard
- ✓ Cover interposer option



Advanced Communication

- ✓ 3 line fax option
- ✓ LAN & IP Fax capability (SP)
- ✓ Latest scan-to features
- ✓ 15,000 page document server
- ✓ Preview before send

Superb Image Quality

- ✓ New chemical toner
- ✓ Improved image processing technology
- ✓ 600dpi 4 bit colour
- ✓ Fiery controller option

Simple Operation

- ✓ Short warm up time
- ✓ Colour touch-screen operation
- ✓ Simplified menus
- ✓ Animated guidance
- ✓ Automation of complex tasks

Professional Handling Options

- ✓ 2000 sheet A3 LCT option
- ✓ 2 station cover interposer
- ✓ 100 staple finisher
- ✓ Plockmatic booklet maker
- ✓ GBC stream punch system

Key Selling Points

High Productivity

- ✓ Quick warm up and recovery
- ✓ Fast one-off copies and prints
- ✓ Extreme colour (and black and white) production speeds
- ✓ 100% duplex productivity
- ✓ Continuous feed capability
- ✓ Matched speed feed and finishing options

Class Leading Performance

The Aficio MP C7500 produces colour output at a breathtaking 70 pages a minute and black and white at 75 pages a minute. That equates to 4,200 colour pages an hour or more than 30,000 colour pages in a typical 8 hour working day. Not bad for a machine that is no larger than the average office copier.

The Aficio MP C6000 is fast too. It will produce 55 colour pages a minute and 60 black and white. That sort of productivity means that the choice between colour and black and white is academic. There's no waiting for colour with an Aficio MP C6000 or MP C7500, full productivity is maintained whether printing in colour or black and white.

Continuous production speeds are:

- ✓ MP C7500 -> 75/70ppm (mon/col)
- ✓ MP C6000 -> 60/55ppm (mon/col)

75 Second Warm Up

The extreme speeds are made possible by advances in image processing technology. A new fusing system employs a specially designed thin fusing roller which works with the newly formulated low fusing temperature toner to dramatically reduce warm up time. The Aficio MP C6000 and MP C7500 are

ready to print less than 75 seconds after power up which is faster than any competitor in their class. The lower fusing temperature also helps reduce overall power consumption.

Fast One-Off Copies and Prints

Fast continuous copy and print speeds are one thing but with constant interruptions for one-off copies and prints in the general office, productivity can drop. But not with the Aficio MP C6000 and MP C7500. An interrupt feature allows one-off copies and prints to be made without affecting job settings and with a one-off colour page delivered in just 6.4 seconds (Aficio MP C7500) there is little or no impact on overall productivity.

One-off copy and print speeds are:

- ✓ MP C7500 -> 4.9/6.4sec (mon/col)
- ✓ MP C6000 -> 5.7/7.5sec (mon/col)



Maintaining Productivity

The Cycle Down Time (process control and self check time) of the new machines has been dramatically reduced from that of the predecessor models to maintain overall productivity and up-time. This combined with the fast continuous output speed and quick warm up means that productivity of these machines is the best in their class.

Full Speed Duplex

The Aficio MP C6000 and MP C7500 are ready configured with a high-speed trayless duplex. This unit automatically cycles paper for double sided copy and print. The duplex runs at full engine speed for incredibly fast production of high quality double sided colour and mono output. The combination of full speed duplex and optional full speed booklet maker means that professional full colour booklets, brochures and magazines can be produced in-house without any delay.

Continuous Feed Capability

A large standard paper capacity of 3400 sheets can be expanded to a cavernous 7400 sheets with the addition of the optional 4000 sheet A4 LCT. Even without the LCT, the ability to load paper into one tray whilst feeding from another, means that these machines can operate virtually non-stop.

Standard and maximum paper capacities are::

- ✓ A4 -> 3400 / 7400 (std / max)
- ✓ A3 -> 1200* / 4400 (std / max)

* plus 2200 sheets of A4



High Capacity ARDF

The integral ARDF feeds originals for scanning and copying. It holds up to 100 sheets and can turn double sided originals over automatically to scan both sides. The scanner at close to full engine speed, scanning black and white originals at 75 images a minute and colour originals at 60 images a minute. In copy mode, scan once copy many technology means that originals are scanned just once and returned to the operator whilst copies are produced from memory.

Matched Speed Peripherals



It is obvious really. A fast machine needs equally fast peripherals if it is to maintain productivity. But it is something that the competition often overlooks. All peripheral items for the Aficio MP C6000 and MP C750000 from feed stations to finishers run at full engine speed. In the finishing systems pre-stack mechanisms and fast moving staple guns ensure that 100% productivity is achieved no matter how complex the finishing requirement.

Key Selling Points

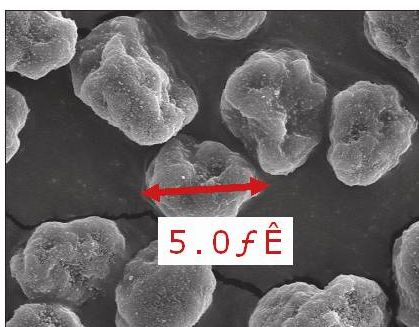
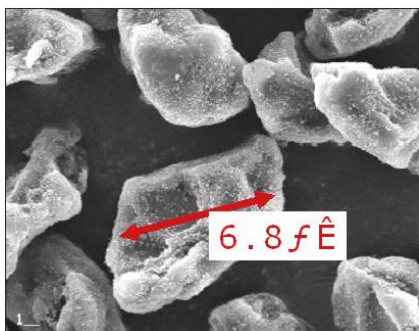
Superb Image Quality

- ✓ Ultra-fine chemical toner
- ✓ New imaging processing technology
- ✓ Better colour matching, more even solids, deeper chroma saturation
- ✓ 600dpi 4 bit colour resolution
- ✓ Ricoh and Fiery Controller options
- ✓ Copier image separation

PxP™ Toner

Aficio MP C6000 and MP C7500 use a new specially formulated oil-less pulverised toner. With the new toner these machines produce even better image quality than their predecessors.

The toner, which has ultra-fine uniformly shaped particles, reduces graininess, improves image density and evenness, and helps achieve fine colour matching. The toner also has a lower fusing temperature, a factors driving the increased speed and productivity.



New Developer Unit

A new developer unit improves the flow of toner and developer throughout the unit. A more even mix of ultra-fine particle toner with developer results in more even solids and reducing banding. It also reduces halo effects. The new developer unit also operates at a lower temperature than that in the previous machine and can help reduce overheating in warm environments.

New Fusing Unit

Because the new toner fuses at lower temperature, it has been possible to develop a lower temperature fusing unit. Specially designed thin fusing rollers reach working temperature more quickly and are better able to maintain temperatures better, resulting in a faster warm up and improved output speeds. In addition, a softer surface on the fusing roller allows a greater latitude of paper weights to be fused and since pick-off pawls don't touch the roller pawl stripes are eliminated.

Copier Image Separation

Aficio MP C6000 and MP C7500 employ ASIC technology (application specific integrated circuits) for data processing. This technology helps achieve better gradation of images (smoother tones) and allows clear separation of text and image in copying so that photo and text / photo images are of an even higher quality than before.

Choice of Controllers



With the Aficio MP C6000 and MP C7500 customers have the choice of an embedded GW print controller, an embedded Fiery print controller and an external Fiery print controller. The choice means that the machine can be configured to meet the operational and quality needs of the customer. A brief summary of the controller option is provided below. More detailed information is provided in the relevant section of this guide.

Ground Works (GW) Controller

The GW print controller is best suited for general office print applications like the production of letters, reports and presentations using standard Windows packages such as Word, Excel and Powerpoint. The drivers supplied with the Ricoh controller are easy to use and provide a simple print interface for good quality "office" colour.

- ✓ General office applications like Word, Excel and Powerpoint
- ✓ Simple icon-based RPCS driver
- ✓ Industry standard PCL drivers
- ✓ PostScript is an option (required in a Mac environment)
- ✓ Wide choice of network options

Fiery E-7100 and E-8100 Controllers

The Fiery print controllers are best suited to production environments for applications like the short run brochure printing, mailing pieces and presentation graphics. Fiery drivers are a little more complex to use but do provide greater control over colour settings and print queues. The Fiery controllers have a standard PostScript driver; a priced option for the GW controller. PostScript is essential in Mac environments and advantageous where advanced Desktop Publishing Applications like Quark and Adobe InDesign are used.

- ✓ Desktop publishing applications like Quark, Photoshop and InDesign
- ✓ Standard PostScript driver (essential for Mac)
- ✓ Fiery utilities provide colour control, eg. Pantone matching
- ✓ Better job management, eg Load balance
- ✓ Also suitable for general office applications

Key Selling Points

Simple Operation

- ✓ Colour touch-screen operation
- ✓ Simplified intuitive menu system
- ✓ Animated user guidance
- ✓ Queue and prioritise work at the control panel
- ✓ Easy grip paper trays
- ✓ Easy automation of complex tasks

Colour Touch-Screen Panel

All new models feature the same widescreen colour touch-screen panel used on all new Aficio MFPs. The common interface makes these machines ideal for a mixed fleet installation where users will find themselves instantly at home whether they are operating a high speed colour device or simple black and white MFP.

The colour operation panel is brightly lit and has intuitive menu systems that make the operation of these machines much simpler than that of most competitor machines. In addition, the colourful operation panel has advanced accessibility features making it easier-to-use for visually impaired and / or wheelchair bound operatives.

The accessibility features are:

Status LED - Machine status LEDs are located on the edge of the control panel and give a simple visual check of machine status.

Text Size - Text graphics are all at least 5mm height to make them easier to read.

Text Brightness - The brightness has been increased too making text and other icons easier to read.

Round Buttons - Large round buttons with stop / go LEDs have been introduced to simplify operation.

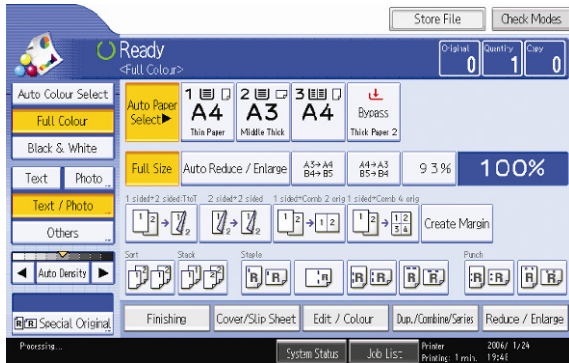
Icon LEDs - To assist those with colour vision deficiency, the stop/ go LEDs are shaped as well as coloured.

Concave Keys - Concave keys are easy to locate and easy to press.



More Information

The colour display provides more information. The screen is clearly laid out and has bright colourful icons making operation easy.



Simplified Display

A button on the right of the control panel switches the colour display to a simplified setting allowing users; especially the elderly and those with visual impairment use the machine more easily.



Automation of Complex Tasks

The menu system is intuitive and easy to use. Even seemingly complex tasks like producing double sided, stapled copy sets of single sided originals are made easy with press button selection.

Simple Job Management

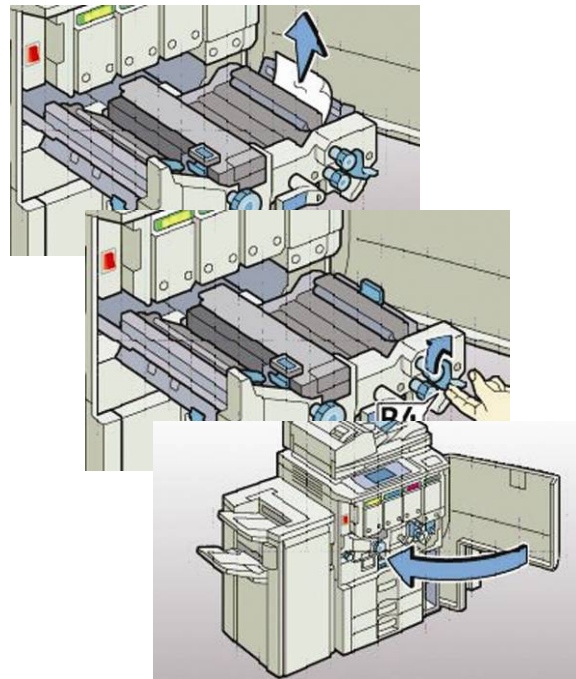
Jobs are easily managed at the operation panel with operators able to prioritise and delete queued jobs.

Easy Grip Paper Trays

Paper trays are equipped with easy grip handles making it easy to open paper trays for replenishment

Animated Guidance

When toner or staples need replenishment or the machine needs other user intervention, the colour display gives animated guidance.



Simple Paper Path

All Aficio MP C6000 and MP C7500 have short simple paper paths. With animated guidance and easy access, any misfeeds are quickly cleared.

Key Selling Points

Advanced Communication

- ✓ High speed colour scanning
- ✓ Advanced scan-to functionality
- ✓ 3-Line fax option plus LAN and Internet Fax
- ✓ LDAP support of scan-to and fax functions
- ✓ Drop out colour
- ✓ Encrypted PDF transmission

High Speed Scanning

SP versions of the Aficio MP C6000 and MP C7500 are ready configured for colour scanning. Colour documents are scanned in superb 4-bit, 600dpi resolution at a speed of 60 images per minute. Black and white documents are scanned at a speed of 75 images per minute.

High Capacity Document Server

The machines boast a powerful 190GB document server. This space is reserved within the machines' 2 160GB hard drives.. The document server can store up to 3000 documents or 15000 pages. Documents can be scanned directly to the server for shared access or received via fax, email or IP transfer.

Scan to Email

Scan to email is a user-friendly document distribution solution. Hard copy documents can be scanned in full colour at high resolution and emailed directly to recipients.

Email addresses are easily selected from the MFP address book. Addresses can be entered at the control panel or selected from the LDAP maintained address book.



LDAP Addressing

With LDAP support (Lightweight Directory Address Protocol), users select email and fax addresses directly from the company directory. Email and fax addresses are easily accessed from the control panel. One-touch opens the full directory. Addresses are selected from the directory or, if there are many addresses to choose from, searched alphanumerically.

Scan to Folder

Scanned document can also be routed to a network address. This might be a shared folder from where multiple users can access the same document or a personal folder where documents are stored for later access.

Scan to FTP

Documents may also be scanned to an FTP server from where they are easily shared between remote offices. Mixed operating system environments like LINUX, UNIX and MAC OS can browse the FTP server directly and access the scanned documents.

Scan to URL

To reduce network traffic, documents can be scanned into the document server and the document URL forwarded by email. Recipients can view the document stored in the server by

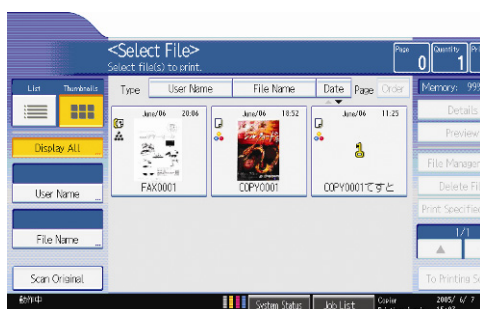
clicking on the web address provided in the email.

High Compression PDF

Conventional scanners have difficulty maintaining a balance between file size and image quality. The Aficio range uses High Compression PDF for single and multipage documents with optimal file size determined by the scanner depending upon the ratio of image to text. Generating compressed PDF files reduce network traffic, particularly if printed using PDF Direct Print (available with PostScript option).

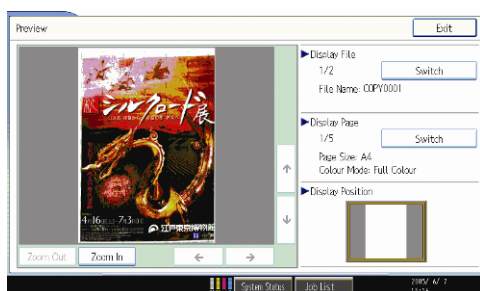
Thumbnail Search

Documents in the document server can be searched by file name or by thumbnail. The thumbnail feature can also be used to preview and confirm document content before reprinting.



Preview Before Send

Previewing scanned documents before transmission allows users to check the accuracy and appearance of scanned data. Users can check the file name, file size, original page size, colour mode, scanning direction and image quality.



Encrypted PDF Transmission

Scan-to-email and scan-to-folder documents sent in PDF files can be encrypted and password protected to ensure they are read only by the intended recipient. This feature will appeal to companies and departments scanning confidential documents like new product information, personal information and contract information.

Drop Out Colour

This new feature enables users to screen out a colour when scanning. This enables users to remove information like handwritten notes from a document before reproduction or storage. As well as cleaning up the appearance of documents, this feature will enhance OCR capability and electric document archiving.

High Speed Fax Option

The fax option allows the Aficio MP C6000 and MP C7500 to be used as a high speed fax increasing the functionality of the machine. With the fax option, A4 documents are scanned less than 1 second and transmitted in just 2 seconds using the a 33.6KB modem and JBIG compression.

1, 2 or 3 Fax Line Option

With the option to add 1, 2 or 3 fax cards, the Aficio MFP can handle up to 3 fax lines simultaneously. The high speed print engine, with large on-line paper capacity and advanced communications features like LDAP support and fax forwarding to email make the Aficio MFP perfect for use as a centralised fax hub.

Fax Number Search Via LDAP

LDAP directory support extends to email and fax addresses. Fax numbers and email addresses are updated automatically from LDAP servers. Users can search for fax numbers at the MFP control panel. Addresses can be searched by Name, E-mail address, number, Company and Department name.



Intelligent Business Fax (SP models)

- ✓ Automatically distribute incoming faxes to e-mail or folder.
- ✓ Forward faxes to a single person or an entire group for optimum efficiency.
- ✓ Transmit faxes directly from the convenience of your own PC (LAN fax).
- ✓ Reduce costs by using the Internet for long distance faxing (Internet fax).
- ✓ Virtually eliminate the costs of sending (long distance) faxes by transmitting fax data over the IP/VoIP network (IP fax).

Internet Fax*

With the fax option, SP versions of the Aficio MP C6000 and MP C7500 can be used as internet faxes with faxes transmitted to, and received from, other internet faxes using T.37 internet protocols for reduced cost and higher speed.

IP Fax*

With the IP-Fax feature, users can send faxes to, or receive faxes from, any IP-Fax machine connected to the same network using TCP/IP protocol. Senders use the IP address to specify the destination machine, or the alias number when using the gatekeeper. User can also send faxes to the G3 fax machines connected to PSTN via the VoIP gateways.

No E-mail server is required as IP-Fax communicates with the destination fax machines that are connected to the same network directly. The transmission speed is higher than using G3.

LAN Fax*

The LAN Fax feature allows users to transmit fax messages directly from PC without need to print out and re-scan, reducing the number of steps taken to send a fax and increasing desktop convenience.

Fax Forwarding to E-mail*

Inbound faxes can be routed directly to E-mail. Users can program a single recipient or multiple recipients. The inbound fax will be converted to TIFF format and forwarded to the E-mail destination for desktop convenience.

Alternatively faxes can be saved directly to the Aficio's document server. Email notification and a URL link is sent to the administrator. The fax is viewed in standard web browser by clicking on the URL.

*Please note, basic version of the MP C6000 and MP C7500 do not support Internet Fax, IP fax, LAN Fax or Fax Forwarding.

Key Selling Points

Professional Handling Options

- ✓ 100 sheet ARDF and full speed trayless duplex as standard
- ✓ A4 and A3 large capacity trays
- ✓ Choice of 3 finishers including booklet maker finisher
- ✓ Choice of 2 cover interposers and mail box
- ✓ Professional Plockmatic booklet making system
- ✓ Professional GBC stream punch system

A Wide Variety of Peripherals

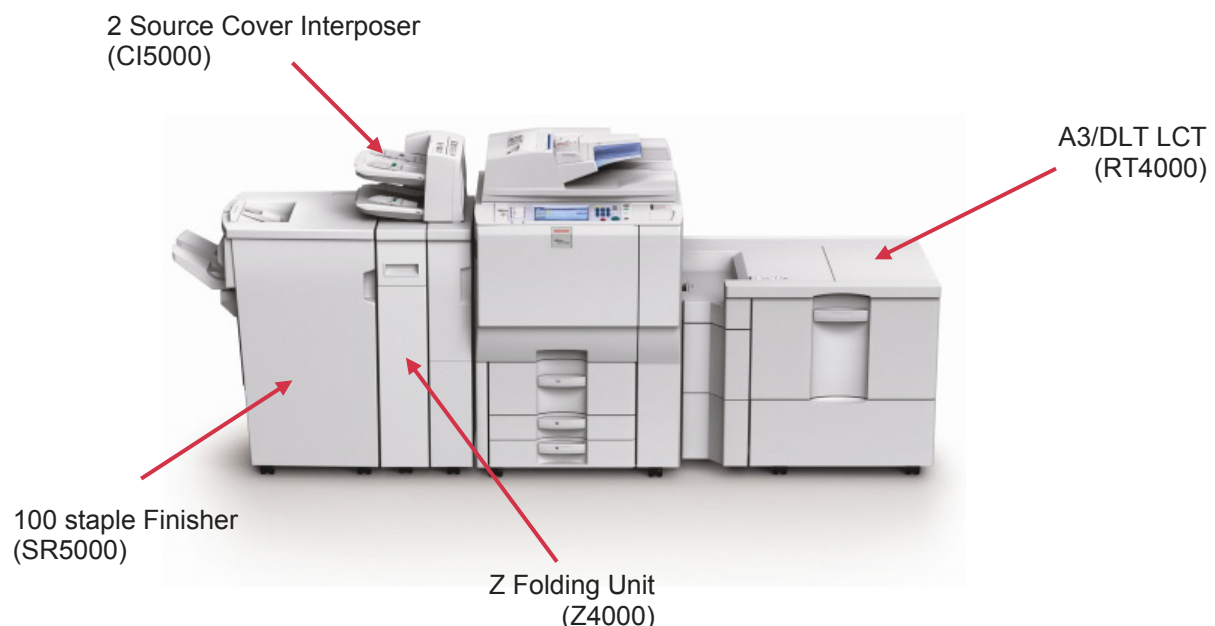
To meet the needs of the General Office and Light Production markets, it is necessary to offer a wide range of feed and finishing options. The needs of the two markets are very different and some peripherals are more suited to one environment than the other. To extend the range of options for the Light Production market, the new machines can be fitted with many of the heavy duty peripherals from the MP 9000/1100/1350 series of black and white production machines.

Options for Light Production

A3/DLT LCT (RT4000)

The 2000 sheet A3/DLT LCT is a completely new option. With this option fitted the MP C6000 and MP C7500 can feed A3+ paper sizes (12'x18') and weights of up to 300g/m². The LCT has an Air Assist mechanism, which helps achieve better paper separation, and feeds via the by-pass feed of the MFP (the by-pass cannot be used whilst this unit is connected).

This option will particularly attractive to the Light Production markets as it enables large paper sizes to be fed for two-up and full-bleed print. It also allows heavyweight media to be fed for printing covers, cards and menus.



A4/LT LCT (RT43)

An alternative to the A3/DLT LCT, the 4000 sheet A4/LT LCT provides the means to dramatically increase the online capacity of A4 paper. With the A4 LCT fitted, the paper capacity of the Aficio MP C6000 and MP C7500 is increased to 7400 sheets. The maximum paper weight that can be fed via the aA4 LCT is 128 g/m². This unit does not connect via the bypass feed which means that heavyweight media can still be fed through the bypass unit.

A3 DLT Tray

An optional A3 tray replaces the 2 x 1000 sheet A4 tandem tray. This unit converts the top tray to A3 format and increases the machine's A3 capability. This can be important in environments where the bulk of output is A3 or where work will be produced two up and trimmed to A4 after production.

Z Folding Unit (Z4000)

This unit is common to the MP9000/1100/1350 series and provides the means to fold A3/DLT paper into A4/LT size documents and A4/LT size paper into A5/HLT size documents for use and filing. This option will find applications in both the General Office market (in finance departments for example where spreadsheets and reports are produced) and in Light Production (where there 4 page leaflets and fliers are produced). This unit can be attached to either the 100 Sheet Staple Finisher (SR5000) or the 50 Sheet Staple Finisher (SR4010).



100 Sheet Staple Finisher (SR5000)

The SR5000 brings production-level finishing to high volume environments with 3,000 sheet capacity for long periods of unattended operation. The finisher has two delivery

positions; a 500 sheet proof tray delivers loose material for easy collection, whilst the 3000 sheet shift tray delivers finished documents sets.

The finisher has a fully integrated jogger which installs on top of the Shift Tray and gently taps collated sets into perfect alignment prior to stapling for a flush edge. A new triple pre-stack design improves stapling productivity to 100%. 100 sheet per set stapling capacity allows thick documents to be professionally finished. Multiple staple positions enable proper binding of documents in all paper sizes/orientations.



The system temporarily stops printing when 3,000 sheet shift tray capacity is reached and restarts automatically when emptied. The shift tray offset stacks document sets that are not stapled for easier set separation.

Please note that an optional Finisher Adapter is necessary when you connect the SR5000 to the MP C6000 and MP C7500.

2 / 4 Hole Punch

An option for the SR5000 finisher, the hole punch provides full-speed on-line punching of documents in either 2 or 4 hole format. The user selects which hole format is required through the print driver or at the touch panel. The system saves the user manually punching documents after production or using more expensive pre-punched paper.

50 Sheet Staple Finisher (SR4010)

There is also a 50 sheet staple finisher option for Aficio MP C6000 and MP C75000. This unit can staple up to 50 sheets of paper in four positions. The shift tray will hold 3000 sheets and the proof tray, another 250 sheets. This finisher is likely to be the preferred option for the General Office market. There is a 2/4 hole punch option for this finisher (Punch Unit Type 3260) and a jogger option (Output Jogger Unit Type 3260).

2000 Sheet Finisher with Saddle Stitch Staple (SR4020)

The 2000 sheet booklet maker option is a staple finishing and saddle stitch finishing option for the General Office market. The shift tray will hold up to 2000 sheets stapled in up to 5 positions including saddle stitch. The unit will also staple Z folded documents produced using the Z fold option. With this unit, the customer can produce normal collated and stapled document sets or professionally finished colour booklets of up to 60 sides (15 sheets) in-house. There is a 2/4 hole punch option for this finisher (Punch Unit Type 3260) and a jogger option (Jogger Type 3260).



9-Bin Mail Box (CS391)

CS391 is 9-Bin Mailbox option which can be attached to the 50 sheet Staple Finisher & Saddle Stitch Staple Finisher. Ideal for the general Office, it allows users to route finished print jobs to a mail box for collection when convenient. Each mail box tray will hold up to 100 sheets. Please note, CS391 can not attach to the 100 sheet Staple Finisher (SR5000).



GBC Stream Punch

The GBC Stream Punch is a third party punch system common to the Aficio MP 9000/1100/1350. It can be installed in combination with the SR5000 Finisher. The system will punch paper of weights of up to 216 g/m² at full engine speed. Each sheet is punched individually. The punch unit is fully integrated and can be operated directly from the touch panel display or from the RPCS printer driver. With several different punch dies available, it can eliminate all manual off-line punching saving operators considerable manual effort and time.

Pre printed and colour sheets can be punched in-line using the new dual tray Interposer. Die sets are easily interchanged without special tools or levers to produce professionally finished manuals and guides with precise hole alignment for sets with pages that are easy to turn. The die sets available are:

2 Source Cover Interposer (CI5000)

A 2 station cover sheet interposer can be installed between the mainframe and finisher. The interposer is used to feed pre-printed material for inclusion as covers. The interposer has a dual 200 sheet capacity and will feed material of up to 216gsm.

This option allows users to insert pre-printed or full colour sheets into live job streams for collation and finishing. It provides cost effective pre-printed integration with new print output. Dual trays allows for different covers to be placed on the front and back of each set.

Cover Interposer (CI3260)

There is also a single source cover interposer option for Aficio MP C6000 and MP C75000. The single tray version can feed up to 200 front/back covers of A5 to A3 size paper and weights of up to 216g/m².

- 2/3/4 hole
- 11 hole VeloBind
- 19 hole CombBind
- 21 hole WireBind
- 32 hole WireBind
- 44 hole ColorCoil
- 32 hole ProClick

Plockmatic Booklet Maker (BK5010)

Another third party solution for Light Production applications, the Plockmatic BK5010 booklet maker and associated options is an on-line / off-line finishing system that attaches to the SR5000 finisher.

The BK5010 produces heavy-weight booklets with professional finish at full engine speed. Using this system, users can easily produce booklets of up to 120 pages (30 sheets) with centre staple booklet fold or centre staple square-back fold.

Optional Accessories include:

- CF5010 Cover Feeder to insert up to 200 pre printed / colour sheets as covers
- BF5010 Book Folder to create a square fold from a saddle stitched book
- TR5010 Trimmer Unit to trim the open edge of booklets for a professional finish

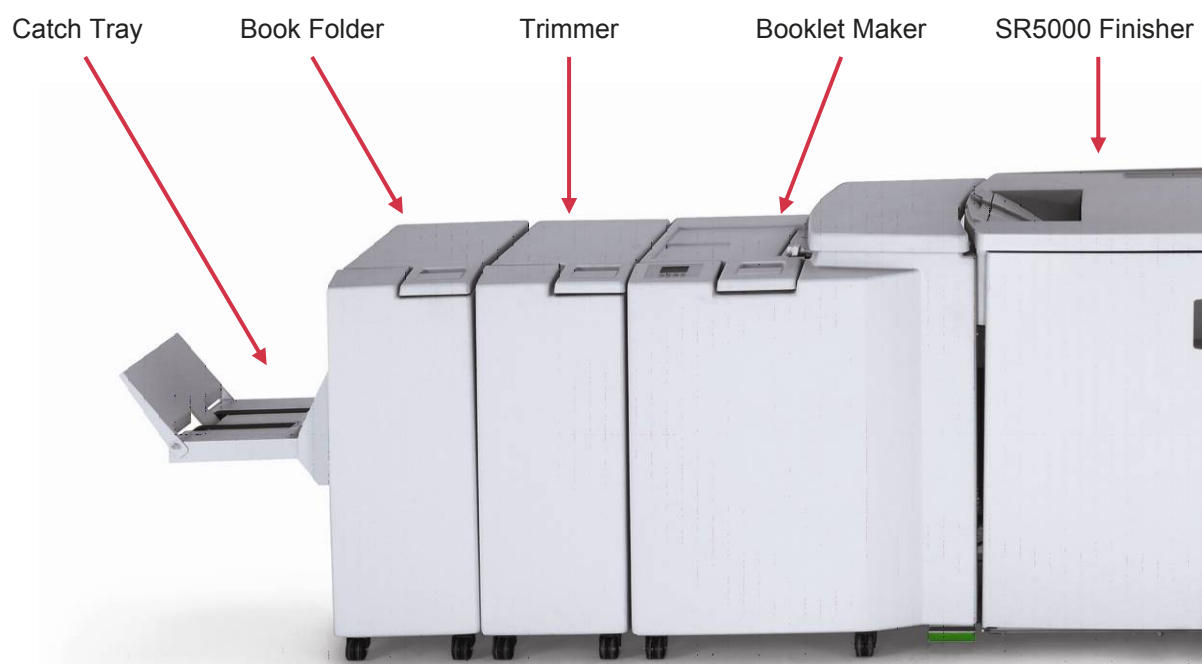
The standard components of the BK5010 include the Booklet Maker, Belt Stacker and Rail Unit. Customers can add the Trimmer, Cover Feeder and Book Folder as options to build a finishing system to their exact specifications.

The system brings professional quality finishing to all high volume environments. It produces booklets that are twice as large as ordinary booklet finishers - up to 30 pages (120 sheets) on various paper sizes. The Belt Stacker provides capacity to hold a large capacity of sets for long periods of uninterrupted operation.

The optional Trimmer Unit produces booklets with a flush edge for a professional look. The optional Book Fold Unit produces perfect bound books without glue or heat; creating a spine that is printable and easy to identify and stack, and which permits the booklet to lay flat when opened. The Cover Feeder Unit substitutes for the Cover Interposer to add wrap-around covers to perfect bound sets with minimal effort. A simplified user interface on the BK5010 Booklet Maker clearly displays all settings for changes or confirmation.

Plockmatic Booklet Maker

(shown configured with Book Folder and Trimmer Unit attached to an SR5000)



Key Selling Points GW Controller (SP models)

- ✓ High speed colour printing
- ✓ RPCS and PCL drivers
- ✓ Wireless, Bluetooth and Firewire interface options
- ✓ Sample Print / Locked Print / Hold Print / Stored Print
- ✓ Black Over print and CLP Simulation
- ✓ Front cover, back cover, chapter and user defined pages

Colour Print Solutions

SP versions of the MPC6000 and MP C7500 boast advanced GW print, scan and share functionality. The Aficio MP C7500 will print in full colour at 70 pages a minutes and the Aficio MP C6000 at 55 pages a minute.

Basic versions of the product can be configured to print by adding one of two Fiery controllers. Please note, there is GW option for basic models.

Network Ready

SP version of the product are network ready. The integral printer card connects directly to Ethernet networks enabling the product to be shared as a network printer / scanner by multiple users; increasing throughput and ensuring a fast return on investment.

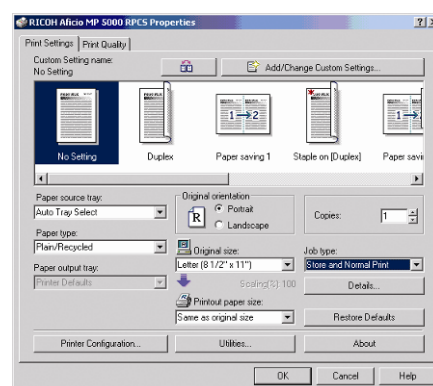
High-Speed Network Options

Other network options include a Wireless LAN interface with WPA (security) support for connection to a wireless network; Bluetooth interface, Parallel interface and PictBridge Camera interface. The Wireless LAN option supports the latest high-speed 'g' standards. There is also a Gigabit Ethernet interface option that provided high-speed wired network connectivity.

RPCS and PCL Drivers

The RPCS driver (Refined Print Command Stream) allows the user to save regular print setting for easy selection, Booklet printing which incorporates duplex printing, booklet pagination, centre stapling and folding can for example be saved under an icon for simple one-click selection.

PCL drivers are industry standard print drivers that provide similar print functionality and operation irrespective of manufacturer or model. The commonality of PCL drivers means that many IT departments favour printers with PCL functionality.



PS3 Option

Genuine Adobe PostScript 3 is an option for SP versions of the Aficio MP C6000 and MP C7500. PostScript is necessary for printing in

Mac environments and is advantageous where advanced Desktop Publishing Applications like Quark and Adobe InDesign are used.

Mail to Print (requires PS3 option)

Mail to Print is a new feature that enables users to send an email with attached data directly to the MFP for printing. Perfect for offices where staff don't all have access to PC, this feature allows documents to be printed without the need to open them.

This feature might prove beneficial in a centralised administration centre where documents generated in regional offices can be printed directly to the centralised administration department's MFP for action.

Mobile Driver (requires PS3 option)

A 'mobile driver' is a common driver that can be used for all Aficio MFPs and printers configured with the PS3 print option. The advantage of the driver is that a single easy-to-use print interface can be used across a number of different machines. Field based staff calling into branch offices with different Aficio devices do not need machine specific print drivers. Using the mobile driver they can print easily to any PS3 configured Aficio device.

PDF Direct Print (requires PS3 option)

A feature of the PostScript option, PDF Direct Print enables PDF documents to be printed without being opened at the PC, reducing network traffic and the time taken for data transfer. Although PDF files are relatively small, when changed to print data they become larger and can place unnecessary load on the network. A 325KB PDF file can, for example, become a 2.18MB print file when printed through a windows driver. PDF Print Direct solves this problem by allowing the printer controller to receive the PDF file directly from the PC and generate printable data in the controller. The network traffic (load transmission) will be reduced and productivity increased.

Black-Over-Print

The Black-Over-Print feature renders black toner over a full background image for litho quality overlays. It helps avoid unsightly print effects like haloing (where a white background is visible behind black text laid over an image).

CLP Colour Simulation

The Colour Simulation feature allows the Aficio MP C6000 and MP C7500 to emulate HP laser printer profiles for consistent colour output across multiple production devices. This feature may prove useful when selling into an environment where there are already HP Colour Laser Jet printers as it will show that the Aficio can produce output of similar appearance to the HP.

Bonjour

Bonjour is Apple Computer's version of ZeroConf (Zero Configuration Networking), a set of protocols that enables a device on an IP network to automatically recognize and connect with other devices on the network. To the end user, this means that when a new device connects to the network, every computer on the network is able to use it instantly without any setup or special configuration. Bonjour uses IETF standards for both Link Local Addressing (LLA) and Multicast DNS (mDNS). mDNS allows the new device to advertise its existence and the services it offers. LLA looks around, negotiates with other devices on the subnet, and picks a suitable IP address for the device.

Bonjour provides users with the following three solutions:

- ✓ Addressing (allocating IP addresses to hosts)
- ✓ Naming (using names to refer to hosts instead of IP addresses)
- ✓ Service discovery (finding and using services on the network)

Host Print Solution

The Aficio MP C6000 and MP C7500 can be configured to print in non-windows environments like those used by many companies to print reports, invoices and forms. Host operating systems like UNIX and Linux, SAP/R3IBM, AS/400 and Novel NDPS generate data streams that are not recognised by conventional printers. With use of simple downloadable filters, the Aficio MFP can be configured to read ASCII data streams and print out host data that would otherwise



be printed on line-printers.

Customer benefits of using the Aficio solution for host print applications are:

- ✓ Simple plug in solution
- ✓ High speed print onto to cut sheet paper
- ✓ Advanced finishing option
- ✓ Quick return on investment

Key Selling Points

Fiery Print Controllers

- ✓ Embedded and external Fiery controller options
- ✓ Precise colour matching
- ✓ Hot Folders
- ✓ Load balancing
- ✓ Pantone colours (option)
- ✓ EFI Impose (option)



Fiery Colour Options

Basic versions of the Aficio MP C6000 and MP C7500 can be configured with one of two EFI Fiery controllers to provide professional print and scan functionality. The Fiery E-7100 is an embedded RIP, whilst the Fiery E-8100 is an external RIP. Neither controller is available immediately on launch but will become available in Spring / Summer 2008.

Fiery controllers are the de facto choice in many professional print environments. Fiery controllers provide close control over job

queues, precise colour management, and through optional utilities, the means to impose print into multiple formats. Many customers in the production environment will already be using Fiery controllers with other production devices.

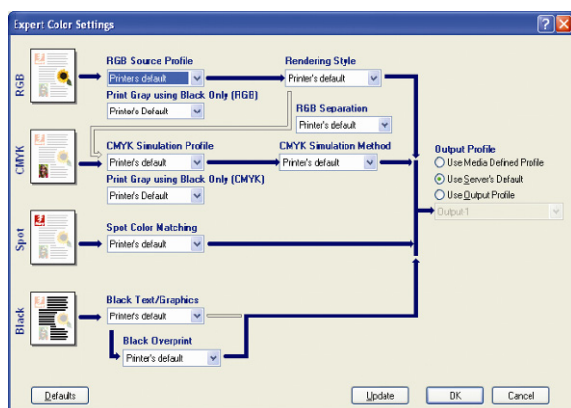
The Fiery print controllers are best suited to production environments for applications. Fiery drivers are a little more complex to use but do provide greater control over colour settings and print queues. The Fiery controllers have a standard PostScript driver; a priced option for the GW controller. PostScript is essential in Mac environments and advantageous where advanced Desktop Publishing Applications like Quark and Adobe InDesign are used.

Colour Matching

Most of us use Microsoft Office for our day to day work. Microsoft Office uses RGB data as a way of displaying colour on the Screen. When it comes to print, we use CMYK Toner to produce a Colour Page. So Colour conversion and matching is important to ensure that printed colours closely resemble those on screen. The Fiery controller has the ability to convert RGB images to CMYK print data, whilst at the same time making sure that if a file has CMYK data this is not affected.

Using the Fiery, experienced users can adjust colour conversion settings on a job by job basis to suit their needs.

The screen may look complicated but the settings, once made are normally left alone; the controller will just get on with the job in hand.



Pantone Colours ('Spot On' Option)

The Fiery controller has the ability to print Spot colours. They are normally referred to as Pantone Colours but not all can be printed as many Pantones colours use more than just CMYK Inks. Using the Fiery, users can produce Pantones that are within the Colour Range of the Copier using CMYK Toner.

What are Pantone Colours? Ready mixed inks used within the Offset Press environment. The inks can be purchased straight off the shelf ready to use, or an offset press operator can make up the chosen colour using various base inks. With the later option the colour accuracy is down to the experience of the mixer! There can be up to 17 base ink colours used to make Pantone colours including White ink. The CMYK process on a colour copier/printer uses just the 4 Toner colours - Cyan Magenta Yellow and Black.

Corporate colours are often chosen from the Pantone library. Some companies deliberately choose colours that are not able to be printed or recreated using just CMYK which stops people trying to copy or counterfeit goods. Most applications that support named colours send the print job to the printing device with the named Colour as well as the application's own interpretation of CMYK data for that colour. Different software applications interpret the CMYK data in different ways with the result that prints from different applications often present Pantone colours in different ways.

The Fiery controller works differently, it ignores the CMYK data for the named colour and uses its own reference table. When different applications demand the same named colour, the Fiery outputs the same colour, achieving a more consistent output.

Not all Pantone colours can be printed using just CMYK Toner, so please do not assume that all colours will be printed accurately, the Fiery controller will print Pantone colours that use Process colours (CMYK) within the colour capabilities of the engine being used. So another manufacturer's machine may not be able to print certain colours that we can.

Auto Trapping (Option)

Auto Trapping is an option for the Fiery version of the product. When this option is fitted the Fiery controller looks at the print data and looks for areas that might produce a white Halo around an image. Where found, the controller will adjust the print data to "Fill in" the area concerned.

This sample illustrates a File that has been printed without Auto Trapping. You can see a white halo effect where text has been overlaid over a coloured background.



The next sample illustrates a File that has been printed with Auto trapping switching turned ON. The white area around the edges has been eliminated by "Filling in" this area.



Customer Benefits

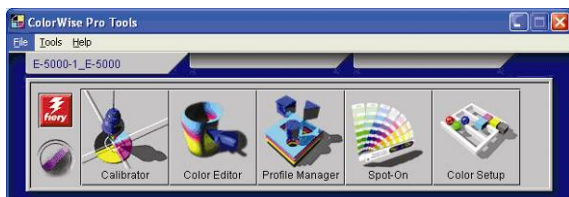
- ✓ Allows for a professional appearance for page elements with non-like colours next to each other.
- ✓ Independent of source application or driver.
- ✓ No need for users to have knowledge of trapping rules
- ✓ Much faster than conventional trapping (standalone applications).

Spot On (Option)

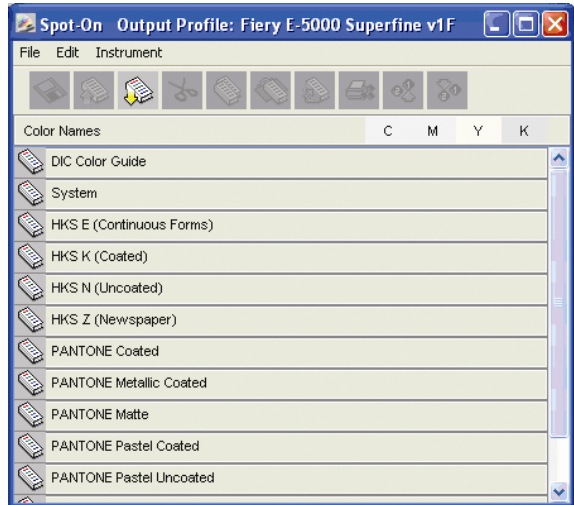
Even though the Fiery controller can print Pantone matched colours, there will be times when the operator finds it useful to tweak individual colour settings; perhaps to adjust a pantone colour used across a number of documents. Using Spot On, the user can make the adjustment without having to open each document in the original application.

With the Spot On option, the user can instruct the Fiery to look for a particular named colour or RGB/CMYK value and replace it with another Named Colour or CMYK value. Using this method a more consistent output is achieved regardless of application or the user's ability.

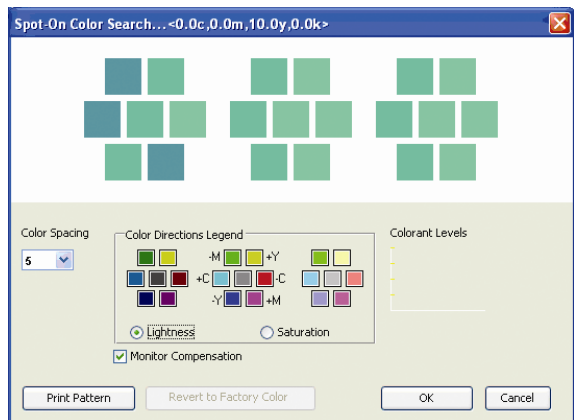
When Installed, Spot On is available from the ColourWise Tools Main Screen.



Once an Output Profile is selected you can see the colour Libraries that are installed within the Fiery Controller.



If you know the CMYK mix for the colour it can be programmed here. Or you can use the Colour Search window to "Mix" the colour on Screen. Replacement colours can be programmed in the same way and then instructed to replace the original colour(s)



Customer Benefits

- ✓ Automatic matching of Pantone library colours with their best CMYK equivalents.
- ✓ Support of Branding efforts to standardize the appearance of corporate colours
- ✓ Increased productivity by streamlining the submission process of files with specific colour patterns
- ✓ Reduce time of rework giving the option to edit colours without going back to the original application

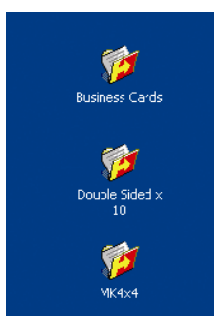
Hot Folders (Option)

This utility allows for the printing of PDFs without using a dedicated printer driver, a "Hot Folder" is created on the PC desktop, users then simply drag the PDF (or PostScript / Tiff file) onto the folder and the job will be sent to the Fiery controller be processed and printed.

Different settings can be applied to different folders, for example –

- ✓ One folder named (Duplex) is set up to simply Duplex all pages of a PDF when it's sent to this folder
- ✓ A second folder could be set up for Double siding and to be stapled in the top left hand corner.
- ✓ A third Folder could be set up to produce a Booklet that's A4 in size, its folded and saddle stapled.

This makes it easier for the general user to print files, this feature is also useful in a print room type environment, and a Folder may be named after a Customer who always wants the same job settings applied to all of their jobs when they are printed.



Hot Folder Icons are placed on the Desktop, PDF files are then dragged onto these Icons and the Jobs sent to the Controller. These Icons could be different Job Settings or named for a particular customer. Hot Folder settings are easily changed.

Customer Benefits

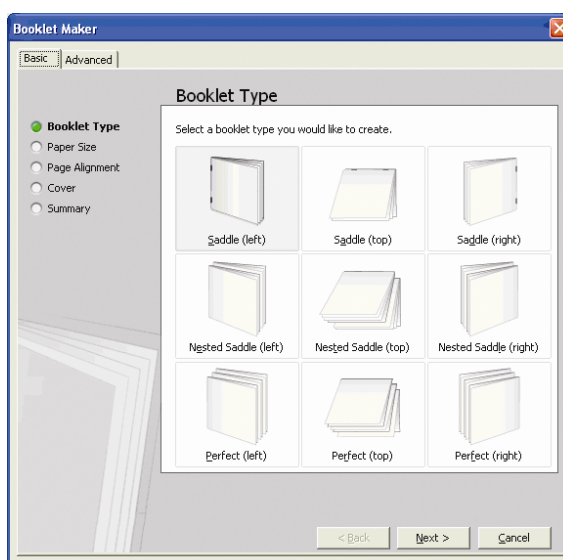
- ✓ Automated workflow for all users which translates into higher productivity
- ✓ Cuts down on repetitive workflows for faster, error-free printing
- ✓ Can increase complexity of jobs beyond users own expertise

Efi Impose (Option)

The simplest form of Imposition is the creation of a booklet, the Ricoh RPCS & PCL drivers have a Function that will allow the pages to be re paginated so that when the document is stapled and folded the pages are in the correct order.

Basic Imposition is included within the Fiery driver, for easy Booklet creation, there is also another way of Imposing documents, and this is on the controller and is therefore independent of driver and operating system sending the print job.

There are a number of standard Templates that are pre defined or users can control the settings themselves.



Customer Benefits

- ✓ Optimizes utilization of paper stock for small document size, such as business cards
- ✓ Increased flexibility
Can be useful for page double-up to save on engine click-charges.

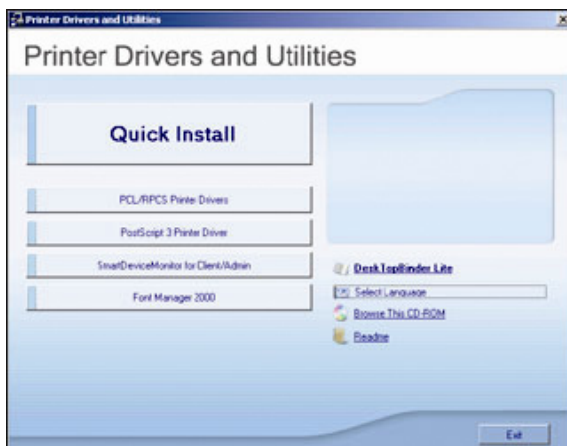
Key Selling Points

Soft Features and Utilities

- ✓ Simple installation of drivers and utilities
- ✓ Access saved documents using Web Image Monitor
- ✓ SmartDeviceMonitor desktop icon provides full status information
- ✓ Recovery print function forwards print to next device
- ✓ Parallel print function provides load balancing across multiple machines
- ✓ DeskTopBinder provides simple management of saved document

Installer CD

Aficio MFPs and Printers come with an auto installation CD which contains all the printer drivers (RPCS, PCL5e, PCL6, Adobe & PS3) and software (SmartDeviceMonitor). DeskTopBinder is available on a separate CD or downloadable via the Internet.



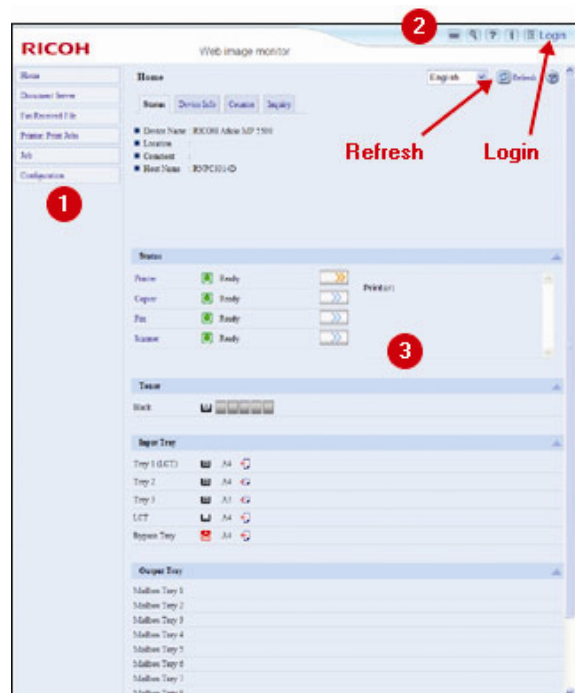
Web Image Monitor

Web Image Monitor is a browser based status report which gives the user full information about the machine set up and readiness. It shows for example the level of toner remaining, the paper tray settings and whether the machine is on or off-line.

No additional software is required; the user simply views live machine data on a standard web browser. The layout of Web Image Monitor has been simplified with all views

merged into a single page containing full status information.

The Web Image Monitor screen is divided into 3 areas:



Area 1 enables the user to select a function of Web Image Monitor. Some of the functions are password protected (administrator mode). In area 2 the user can switch between languages (like operation panel).

Area 3 is the information/work field of the function selected in area 1.

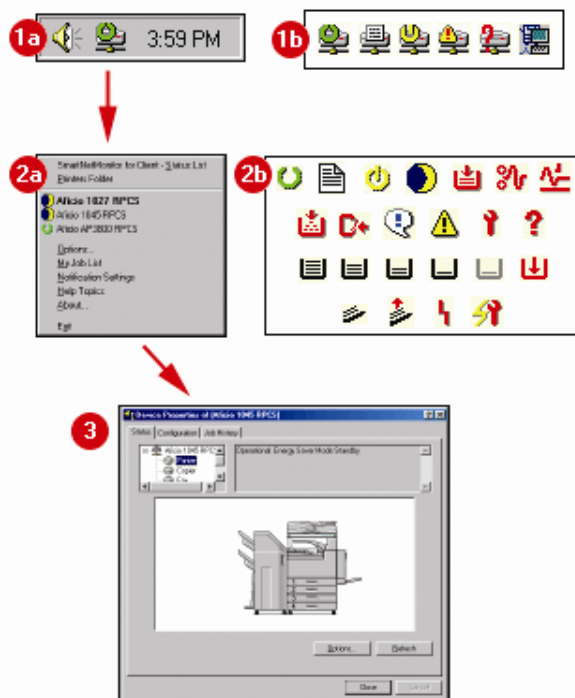
Transmission of Documents with Web Image Monitor

Documents stored in the document server can be viewed using web image monitor. In addition, scan and fax documents saved in the document server can be forwarded to email, fax or folder destinations using web image monitor.

Copy and print documents can also be accessed but the File Format Converter option is required for these file types.

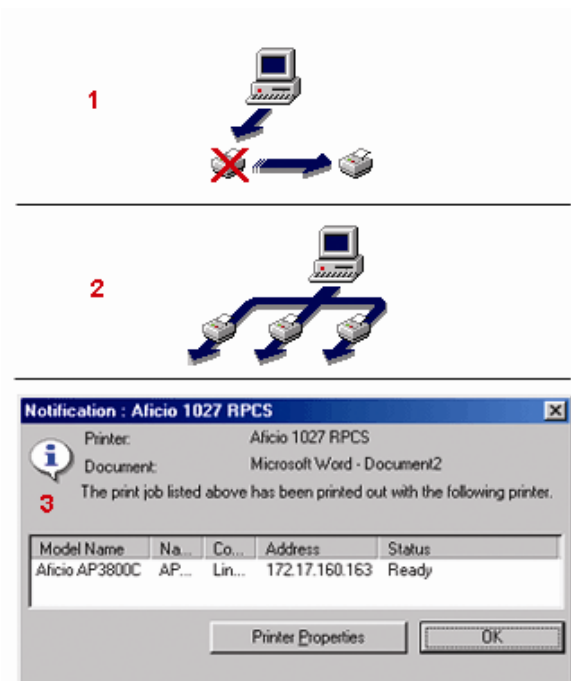
SmartDeviceMonitor for Client

SmartDeviceMonitor for Client can increase productivity. Using SmartDeviceMonitor, the user can check device status without needing to visit the machine. SmartDeviceMonitor shows for example whether a machine is on-line and has paper.



The software enables the user to monitor network devices from his PC in the Windows taskbar (1a). The status of the device is shown using icons (1b). More detailed information can be obtained by clicking on the icon in the windows taskbar. This will open a new window (2a), showing more information (2b). By clicking on a specific device in the list, all information available becomes visible (3).

SmartDeviceMonitor for Client offers some unique additional features, in the form of SmartDeviceMonitor-port.



The recovery print function (1) improves the workflow by checking the status of the selected printer prior to sending the job. If the printer is not available, it will automatically search for other available printers on the network, saving the customer having to search for one manually.

The parallel print function (2) allows a big print job to be automatically balanced over 2 or more devices on the same network, improving productivity.

The notification function (3) informs the user when the completed print job has been delivered to the output bin, saving the customer from having to check it personally!

Network Device Management

When a network device is not responding, the IT-department needs to know what is wrong, without walking to the machine. The Aficio MP C6000 and MP C7500 provide this information via the SmartDeviceMonitor for Admin and Web SmartDeviceMonitor utilities.

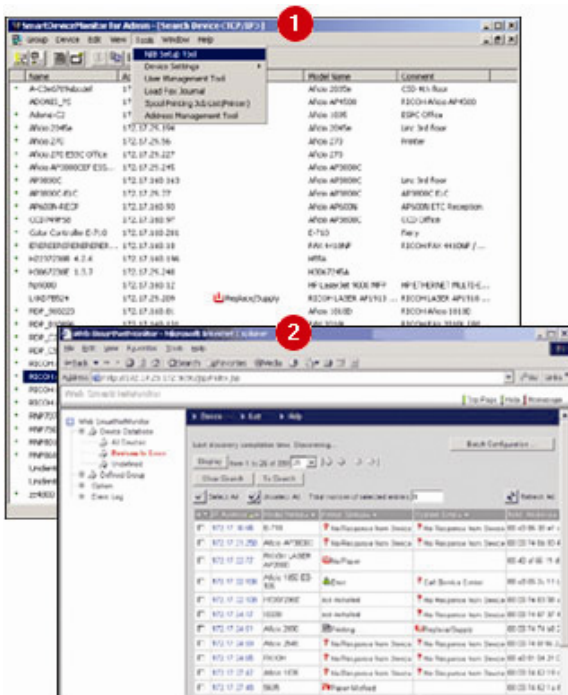
1 SmartDeviceMonitor for Admin

This bundled software allows administrators to monitor and/or configure (via WIM) every Ricoh-based network device. It needs to be installed as a separate application.

2. Web SmartDeviceMonitor

This solution offers administrators a browser based device management portal, delivering web based control from any location. This solution is especially appropriate for larger environments with many devices.

DeskTopBinder Lite



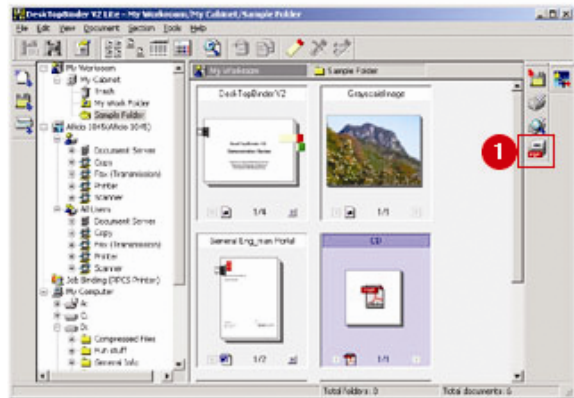
This software allows the user to handle various types of documents such as scanned documents, incoming faxes and application files on the network.

DeskTopBinder Lite can access documents at different locations on the network like:

- Delivery Server (ScanRouter)
- Document Server (MFP)
- Local files (My Computer)
- Shared File Server

To enable the user to search, open, edit, re-distribute documents and use the Direct PDF Print function (1), DeskTopBinder Lite needs to be installed on the Client PC.

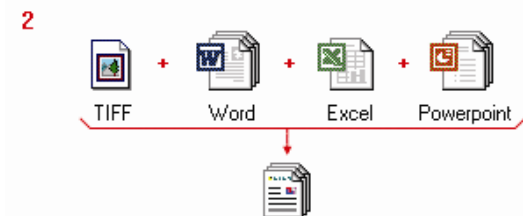
DeskTopBinder Lite



To search (view) a document, DeskTopBinder Lite offers different viewing options. The thumbnail view (1) gives the user a preview of the document.

The user can combine stored images and application files (2) and output the file as one document. When printing these files via the RPCS driver, it is possible to add headers/ footers, page, stamp and punch functions to the complete document.

DeskTopBinder Lite also enables you to edit a document. Using DeskTopBinder Lite the user can add text, stamps and/or illustrations to the document (3).



Key Selling Points

Document Security

- ✓ 500 eight digit user accounts
- ✓ Administrator Authentication; protecting machine and network settings
- ✓ User Authentication; determining who can and can not use the machine
- ✓ Access Restriction; determining the level of access to individual users
- ✓ Windows Authentication to enforce network access restriction
- ✓ Data Overwrite Security to erase data written to the hard disk

Standard Security Features

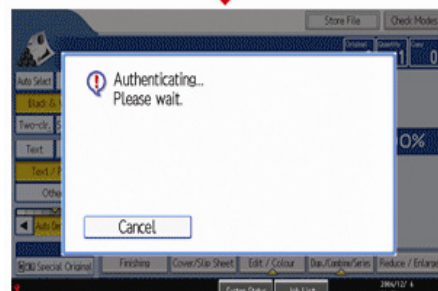
As office products evolve, security threats like theft, leaking or falsification of electric data have become a major concern. Customers are looking for greater security and protection of data from MFP devices. The Aficio MP C6000 and MP C7500 offer advanced security features like Windows Authentication, LDAP Authentication and Data Overwrite Security (DOS) as standard. These features restrict access to the machine, determine where data can be sent and secure data from misuse.

Simple Secure User Authentication

The Windows / LDAP / Basic authentication feature of the product has been improved to allow for a more straight forward and more user friendly, login process.

On older Aficio products there were 6 steps that a user had to go through in order to authenticate themselves at the MFP. With the new models there are only 4 steps before the user is verified. The new 4 step login process is as follows:

- 1 User presses the login button
- 2 User selects the document type and presses login on the LCD screen
- 3 User enters username and presses OK
- 4 User then enters password and presses OK



Copy Mask Protection

(requires Copy Data Security opt)

This feature prevents unauthorised copying of confidential documents by overlaying the original print with an embedded masking pattern. If copied the masking pattern comes to the fore making other information on the document illegible.

Scanner and fax functions are disabled if this feature is installed.

Data Over Write Security

(requires DOS option)

This feature overwrites temporary data held on the hard disk drive with random data. The random data is overwritten twice to ensure that the original data can not be recovered. This method of data overwrite is the USA Department of Defence standard and is commonly used in PC security.



Machine and Option Specifications

Engine Specifications

MP C6000/C7500			
First print speed	Black:	5.7 / 4.9 sec (A4 LEF)	
	Colour:	7.5 / 6.4 sec (A4 LEF)	
Engine speed		A4 LEF	A3 SEF
	Black:	60 / 75 ppm	32 / 38 ppm
	Colour:	55 / 70 ppm	29 / 36 ppm
Duplex speed	Black:	60 / 75 ppm	30 / 34 ppm
	Colour:	55 / 70 ppm	28 / 33 ppm
One to one copy speed	Black:	60 / 75 cpm (A4 LEF, no R/E)	
	Colour:	55 / 69 cpm (A4 LEF, no R/E)	
Resolution	600 / 600 / 600 dpi (scan / copy / print)		
Greyscales	8 / 4 / 4 bit (scan / copy / print)		
Memory	1 536 MB		
Hard disk drive	320 GB		
Input paper capacity	3 400 / 7 400 sheets (std/max)		
Output paper capacity	500 / 3 500 sheets (std/max)		
Dimensions (wxdxh)	750 x 850 x 1 050 mm		
Weight machine	298 kg		

Paper Specifications

Capacity measured with A4 80 g/m ²		Size	Weight	
Tray 1	Tandem	1 100 sheets (x2)	A4	52 - 216 g/m ²
	A3 ¹	1 000 sheets	A3 - A4	52 - 216 g/m ²
Tray 2 / 3		550 sheets	A3+ - A5	52 - 216 g/m ²
Bypass tray		100 sheets	A3+ - A6	52 - 300 g/m ²
LCT A3 ¹		2 000 sheets	A3+ - A5	52 - 300 g/m ²
LCT A4 ¹		4 000 sheets	A4	52 - 128 g/m ²
Duplex		Unlimited	A3+ - A5	64 - 163 g/m ²
ARDF		100 sheets	A3 - A5	40 - 128 g/m ² (simplex)
				52 - 128 g/m ² (duplex)
Cover Interposer ¹		200 sheets	A3 - A5	64 - 216 g/m ²
2-Source Cover Interposer ¹		200 sheets (x2)	A3++ - A5	64 - 216 g/m ²
Z-folder ¹		Unlimited	A3 - A4	64 - 80 g/m ²
GBC Streampunch III ¹		Unlimited	A4	75 - 216 g/m ²
Output tray		500 sheets		
Finisher SR 5000 ¹		3 000 sheets		
		500 sheets (proof tray)		
		100 sheets (stapler)		
Finisher SR 4010 ¹		3 000 sheets		
		250 sheets (proof tray)		
		50 sheets (stapler)		
Booklet Finisher SR 4020 ¹		2 000 sheets (lower tray)		
		250 sheets (proof tray)		
		50 sheets (stapler)		
		15 sheets (saddle stitch)		
Booklet Maker BK 5010 ¹		30 sheets (saddle stitch)		
Mailbox ¹		100 sheets per bin (x9)		

¹ Option

A3+ = 12" x 18" = 306 x 459 mm, A3++ = 13" x 19" = 330 x 458 mm

Copier Specifications

MP C6000/C7500		
General	Multi copy:	Up to 9 999
	Enlargement:	5x (115, 122, 141, 200, 400%)
	Reduction:	7x (93, 82, 75, 71, 65, 50, 25%)
	Zoom:	25% - 400% (1% steps)
	Auto Magnification Selection:	Standard
	Auto Paper Selection:	Standard
	Auto Tray Switch:	Standard
	Original mode:	Text, Text/Photo ¹ , Photo ¹ , Pale, Generation, Map, Highlight Pen, Inkjet
Sorting	Electronic Sort:	Standard
	Shift Sort:	Standard
	Rotate sort:	Standard
	Stack:	Standard
Document creation	Book to simplex:	Standard
	Duplex to simplex:	Standard
	Combine (x-in-1):	Standard
	Magazine mode:	Standard
	Chaptering:	Standard
	Cover-sheet insertion:	Standard
	Paper designate:	Standard
	OHP Slip sheet:	Standard
	Double Copy:	Standard
	Sample Copy:	Standard
Programming	User Program:	Standard (10)
	User Codes:	Standard (500)
	Job Preset:	Standard
	Job Recall:	No
	Job Interrupt:	Standard
	Weekly Timer:	Standard
	Special Paper Display:	Standard
	2 Language Panel Switch:	Standard

Copier Specifications (continued)

Image Editing	Centre/Border Erase:	Standard
	Margin Adjustment:	Standard
	Centring:	Standard
	Delete Area:	Standard
	Image Repeat:	Standard
	Colour Conversion:	Standard
	Colour Erase:	Standard
	Colour background:	Standard
Stamp	Page Numbering:	Standard
	Date:	Standard
	Background Numbering:	Standard
	User Stamp:	Standard
	Preset Stamp:	Standard

¹Printed Photo, Glossy Photo & Copier Photo

GW Printer Specifications

MP C6000SP/C7500SP		
General	Memory:	1 536 MB
	Harddisk:	320 GB
	Printer languages:	RPCS, PCL5c/6, PS3 ¹ , Mobile PS ¹
	Interfaces:	10/100 Base-Tx, USB2.0,
		IEEE802.11a/g ¹ , Bluetooth ¹ ,
		1000Base-T ¹ , IEEE1284 ¹
	Drivers:	Win Me/2000/XP/Server2003/Vista
DDNS:	Yes	
Bonjour:	Yes	
Printer Features	PDF Direct Print:	Option (PS3)
	Sample Print:	Standard
	Locked Print:	Standard
	Hold Print:	Standard
	Stored Print:	Standard
	PictBridge compatible:	Option
Non-Windows Environment	PostScript (Macintosh):	Yes
	Unix Filter (Unix/Linux):	Yes
	CUPS support (Unix/Linux):	Yes
	Custom Device Type (SAP/R3):	Yes
	NDPS Gateway (Novell):	Yes
	Device Option Utility (Citrix):	Yes
	HPT Support (IBM AS/400):	Yes
	IPDS Enabler (IBM AS/400):	Yes

¹ Option

Fiery Printer Specifications

	EFI Fiery Controller E-7100	EFI Fiery Controller E-8100
System	E10	PRO80
CPU	Intel Celeron M410 1.86GHz	Intel Core Duo 2.13GHz
Memory	1GB (standard)	1GB (standard)
HDD	80GB	160GB
PDL	PostScript3, PCL5c, PCL6	PostScript3, PCL5c, PCL6
Resolution	600dpi / 4bit, 2bit, (Default: 4 bit)	600dpi / 4bit, 2bit, (Default: 4 bit)
Host Interface	Standard: 1000/100/10BASE-T USB 2.0(For USB Media Print)	Standard: 1000/100/10BASE-T USB 2.0
Network Protocol	TCP/IP (IPv4,IPv6), SMB, AppleTalk	TCP/IP (IPv4,IPv6), SMB, AppleTalk
Font	PS3: 138fonts PCL: 80 AGFA fonts	PS3: 138fonts PCL: 80 AGFA fonts
Standard Utilities	Command WorkStation Windows Edn Command WorkStation Macintosh Edn ColorWise Pro Tools Fiery Scan (Twain plug-in, Remote Scan) Printer Delete Utility Fiery Web Tools	Command WorkStation Windows Edn Command WorkStation Macintosh Edn ColorWise Pro Tools Fiery Scan (Twain plug-in, Remote Scan) Printer Delete Utility Fiery Web Tools Hot Folders Spot-On Auto Trapping Paper Catalog
Options	EFI Impose Auto Trapping Spot-On Hot Folders Color Profiler Suite	EFI Impose Graphic Arts Package Premium Edn Graphic Arts Package EFI Compose Color Profiler Suite

GW Scanner Specifications

MP C6000SP/C7500SP		
General	Optical resolution:	600 dpi / 24 (3x8) bit
	Scan speed:	81 spm (A4, 200dpi, black)
		69 spm (A4, 200dpi, colour)
	Scan area:	297 x 432 mm (contact glass)
		A3 (ARDF)
	sRGB:	No
	Interfaces:	10/100 Base-TX, Wireless LAN
	Memory:	1 536 MB
HDD:	320 GB	
Scan to e-mail	Resolution:	100 / 150 / 200 / 300 / 400 / 600 dpi
	Protocol:	SMTP and POP3
	LDAP search:	Yes
	Registered destinations:	2 000 e-mail addresses
	Max. destinations per send:	100 e-mail addresses
	File size:	100 MB (default: 2 MB)
	File format:	Single page TIFF/JPEG/PDF,
Multi page TIFF/PDF,		
High compression PDF		
Scan to URL	Resolution:	100 / 150 / 200 / 300 / 400 / 600 dpi
	Protocol:	SMTP and POP3
Scan to Folder	Resolution:	100 / 150 / 200 / 300 / 400 / 600 dpi
	Protocol:	SMB, NCP or FTP
	Registered destinations:	2 000 folders
	Max. destinations per send:	50 folders
	File size:	2 GB
	File format:	Single page TIFF/JPEG/PDF,
Multi page TIFF/PDF,		
High compression PDF		
TWAIN	Resolution:	100 - 1 200 dpi
	Driver:	Win 9x/Me/NT4.0/2000/XP,
		Win Server2003/Vista

Fax Specifications

MP C6000/C7500		
Super G3 ¹	Circuit:	PSTN, PBX
	Compatibility:	ITU-T (CCITT) G3
	Number of lines:	3 x Super G3
	Resolution:	Standard (200 x 100 dpi)
		Detail (200 x 200 dpi)
		Super fine (400 x 400 dpi) ¹
	Compression method:	MH/MR/MMR/JBIG
	Scanning speed:	0.5 seconds per page
	Modem speed:	max 33.6 kbps
	Transmission speed:	~ 2 sec. (200x100dpi/JBIG/ITUT #1)
	LDAP support:	Yes
	Fax Forwarding:	to e-mail, to Folder
	SAF memory:	4 / 28 MB (std/max)
	Page memory:	320 / 2 240 pages (std/max)
	Memory backup:	1 hour
	Quick dial:	2 000
	Speed dial:	2 000
	Group dial:	100
	Book fax:	Standard
	LAN fax:	Standard
Stamp:	Standard	
Reverse order printing:	Standard	
IP Fax ²	Compatibility:	ITU-T (T.38)
	Interfaces:	10/100Base-Tx, IEEE802.11a/g ¹
Internet Fax ²	Compatibility:	ITU-T (T.37) Full Mode
	Interfaces:	10/100Base-Tx, IEEE802.11a/g ¹
	Transmission:	SMTP, TCP/IP
	Reception:	POP3, SMTP, IMAP4, TCP/IP
	File format:	TIFF-F
	Registered destinations:	2 000 addresses

¹ Option

² MP C6000SP/C7500SP

Interface Specifications

MP C6000SP/C7500SP		
10/100Base-Tx (Ethernet)	Data Transmission Speed:	100, 10 Mbps
	Protocol:	TCP/IP (v4/v6), IPX/SPX, AppleTalk
	Supported OS:	Win Me/2000/XP/Server2003/Vista Mac OS, NetWare, Unix, Linux
USB2.0	Data Transmission Speed:	12 / 480 Mbps (FullSpeed / Hi-Speed)
	Supported OS:	Win Me/2000/XP/Server2003/Vista Mac OS 10.3.3
1 000Base-T ¹ (Gigabit Ethernet)	Data Transmission Speed:	1 000, 100, 10 Mbps
	Protocol:	TCP/IP, IPX/SPX, AppleTalk
	Supported OS:	Win Me/2000/XP/Server2003/Vista Mac OS, NetWare, Unix, Linux
IEEE802.11a/g ¹ (Wireless LAN)	Data Transmission Speed:	54 Mbps
	Protocol:	TCP/IP, IPX/SPX, AppleTalk
	Security:	WEP / WPA / WPA 2
	Frequency:	5 000 MHz (a), 2 400 Mhz (g)
	Supported OS:	Win 2000/XP/Server2003/Vista, Mac OS
Bluetooth ¹	Data Transmission Speed:	1 Mbps
	Distance:	10 m (max)
	Frequency:	2 400 MHz
	Supported OS:	Win 98SE/Me/2000/XP
IEEE1284 ¹ (Parallel)	Data Transmission Speed:	0.5 - 2 Mbps
	Supported OS:	Win 9x/Me/2000/XP

¹ Option

Security Specifications

MP C6000SP/C7500SP		
Authentication	Kerberos:	Standard
	Windows Authentication:	Standard
	LDAP Authentication:	Standard
	Basic Authentication:	Standard
	User Code Authentication:	Standard
	Integration Server Authentication:	Standard
	SMTP Authentication (email):	Standard
	POP before SMTP (email):	Standard
NIB Access control	IP range restriction:	Standard
	IP port restriction:	Standard
	Protocol restriction:	Standard
Encryption	SSL communication (IPP/WEB/SDM):	Standard
	IPsec communication:	Standard
	S/MIME (email):	Standard
	SNMPv3 communication (SDM):	Standard
	HDD encryption:	Option (Type A)
	Addressbook encryption:	Standard
	PDF Password encryption:	Standard
	Authentication password encryption:	Standard
	Wireless LAN:	Standard (WPA2)
Others	Data Overwrite Security (HDD):	Option (Type H)
	Locked print:	Standard
	Protect Stored Documents (DS):	Standard
	MFP Menu protection:	Standard
	Unauthorized Copy Control (print):	Standard
	Copy Data Protection Unit (copy):	Option (Type F)

Security Specifications

MP C6000/C7500		
Energy Use	Operating mode:	1396 / 1648 Watt
	Stand-by mode:	331 / 340 Watt
	Sleep mode:	236 / 294 Watt
	Auto Off mode:	<10 Watt
	Energy Use (max.):	2400 Watt
	Warm-up Time (main switch):	75 sec.
	Recovery Time Sleep mode:	45 sec.
	Recovery Time Auto Off mode:	75 sec.
Emission & Design for Recycling	TVOC emission:	1.26 mg/h
	Dust emission:	0.028 mg/m ³
	Noise (Sound Power) Operating:	Lwa 69 dB (A)
	Noise (Sound Power) Standby:	Lwa 54 dB (A)
	PVC free:	100%
	PxP Toner:	Yes
	Toner Cartridge Recycling:	Not applicable
Compliance to Labels, ISO standards and Legislation	Energy Star:	Yes
	Blue Angel (BAM):	Yes
	ISO 9001 :2000 Quality:	Yes
	ISO 14001 :2004 Environment:	Yes
	ISO 18001Occupational Health:	No
	ISO 11469 / ISO 1043Plastic:	Yes
	WEEE:	Yes
	RoHS:	Yes

Consumable Specifications

MP C6000/C7500		
Toner yield ¹	B:	43 200 prints
	CMY:	21 600 prints
Developer yield	B:	450 000 prints
	CMY:	450 000 prints
Photoconductor	B:	300 000 prints
	CMY:	450 000 prints
Waste toner bottle	150 000 prints	
Print Volume	Average:	30 000 / 50 000 prints
	Maximum:	150 000 prints
	Duty:	300 000 prints
Maintenance	PM cycle ² :	150 000 prints
	MCBC:	60 000 prints
Machine life	5 years or 9 000 000 prints, whichever comes first	

¹ A4 paper, 5% toner coverage

² Colour ratio is 40% (BW:FC=60:40)

Service Concept

- ✓ Pay-per-page 'click' service contract
- ✓ Toner inclusive or exclusive service provision
- ✓ Competitive black and colour cost per page
- ✓ Separate drum / toner system gives cost advantage over most laser printers
- ✓ Customer benefits include managed service and transparent price
- ✓ Dealer benefits include contract with regular revenue stream

Aficio MP C6000 and MP C7500 MFPs can be serviced on a pay-per-page 'click' basis.

Colour and black output is metered and click can be priced on a toner inclusive or exclusive basis, depending upon the preference of the sales operations.

Black and colour running costs are market competitive.

Sales people should refer to their sales / service management for guidance on what service model and service prices to should apply.

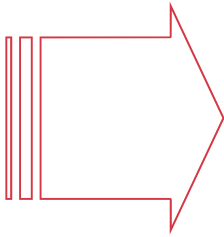
Click based service offers the following customer advantages:

- ✓ All inclusive price
- ✓ Fixed page cost irrespective of coverage
- ✓ Pay as you go
- ✓ Full service provision
- ✓ Full control and visibility of print cost

Click based service also have advantages for the service agent:

- ✓ Maintains customer contact
- ✓ Safeguards supply business
- ✓ Price agreed at outset of contact period
- ✓ Allows for annual increase
- ✓ Forward revenue streams easily budgeted

Competition

- ★ Higher speed
 - ★ Higher productivity
 - ★ Higher quality
 - ★ Higher specification
 - ★ Higher versatility
- 
- ★ Class leading performance
 - ★ Broader market appeal
 - ★ Increased sales
 - ★ Satisfied customers
 - ★ Growing colour volume







Five Star Advantages


We have compared the basic specifications of the Aficio MP C6000 and MP C7500 against the basic specifications of their closest competitors, identifying five star advantages against each.


The models compared are:

Aficio MP C6000	Konica Minolta bizhub C650
★★★★★	Konica Minolta bizhub C550
vs	Canon iRC5185i
	Xerox WorkCentre 7665
Aficio MP C7500	Konica Minolta bizhub Pro C6500
★★★★★	Canon iRC5185i
vs	Xerox WorkCentre 7675
	Xerox Docucolor 260
	Sharp MX-7100N

Data was obtained from the web and from brochures. Whilst care was taken to ensure that information is accurate, no liability will be accepted for errors and omissions.

Brand Model	Aficio MP C6000	Konica Minolta bizhub C650	Advantages
Functionality			
Copier	Std	Std	
Printer	Opt	Std	
Fax	Opt	Opt	
Scanner	Opt	Std	
Performance			
Warm-up Time	90 sec	Less than 30 sec	
First Page (col/mon)	7.5s/5.7s	6.0s/3.8s	
Multi Page (col/mon)	55ppm/60ppm	50ppm/65ppm	10% better colour productivity 
Resolution	600 x 600 dpi	600 x 600 dpi	
System Memory	1.536 GB, 320-GB HD	1-GB RAM, 60-GB HD	5 times more memory capacity 
Operating Noise	54 dB or less	75 dB	Quiet operation reduces ambient noise 
Paper Supply			
Stations (std/max)	3/5	4/6	
Capacity (std/max)	3300/7400	3500/6650	Fewer interruptions to replenish paper 
Paper Weights	52 to 300 gsm	64 to 300 gsm	
Bypass (cap/weight)	100/52-300gsm	150/64-300 gsm	
Document Handling			
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)	
Document Feeder	Std RADF	Std RADF	
Feed (col spd/cap)	75 opm/100 orig	70 opm /100 orig	
Output Size (Min/Max)	A6/A3+	A6/A3+	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	Opt	Opt	
Broadcast (Grps/Dest)	100/500	100/605	
Speed Dial	2,000	2,000	
Printer			
Unenhanced	600 x 600 dpi	600 x 600 dpi	
Enhanced Resolution	2,400 x 600 dpi	1800 x 600 dpi	
Controller	Ricoh	KM Emperon	
PDL	RPCS, PCL 5c/6, opt PS3	PCL5e/6, PostScript 3	RPCS driver easier to use 
Controller	Fiery E-7100 and E-8100	EFI/IC-409 (Fiery X3e)	
PDL	PCL 5c/6, PS3	PCL 6, PS3	
Network Interface	Std Ethrnt/Opt Gb Ethrnt	Std Ethernet	High speed gigabit ethernet interface option
Parallel Interface	Opt	None	
Serial Interface	None	None	
USB Interface	Std 2.0	Std 2.0	
Scanner			
Speed (col/mon)	69 ipm/81 ipm	75ipm/75 ipm	
Resolution (max)	600 x 600 dpi	600 x 600 dpi	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan Destinations			
E-mail	Yes	Yes	
I-fax	Yes	Yes	
FTP	Yes	Yes	
SMB	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	No	Reduce network traffic
Handling Options			
	4,000 sht A4 LCT, 2,000 sht A3 LCT, 3000 sht 50 stp Opt stapler finisher has two trays (100/3,000); opt fin, 3000 sht 100 stpl fin, 2000 sht bkltmkr; Z-fold, booklet finisher has two trays (2,500/100) and V cover interposer, 2/3 hole punch, jogger, 9 bin folds up to 20 sheets (80 pgs); opt 2-/4-hole mailbox, Plockmatic bkltmkr & trimmer, GBC stream punch		


Brand Model	Aficio MP C6000	Konica Minolta bizhub C550	Advantages
Functionality			
Copier	Std	Std	
Printer	Opt	Std	
Fax	Opt	Opt	
Scanner	Opt	Std	
Performance			
Warm-up Time	90 sec	30 sec	
First Page (col/mon)	7.5s/5.7s	6.5s/4.3s	
Multi Page (col/mon)	55ppm/60ppm	45ppm/55ppm	22% better colour productivity ★
Resolution	600 x 600 dpi	600 x 600 dpi	
System Memory	1.536 GB, 320-GB HD	1-GB RAM, 60-GB HD	5 times more memory capacity ★
Operating Noise	54 dB or less	75 dB	Quiet operation reduces ambient noise ★
Paper Supply			
Stations (std/max)	3/5	4/6	
Capacity (std/max)	3300/7400	3500/6650	Fewer interruptions to replenish paper ★
Paper Weights	52 to 300 gsm	64 to 256 gsm	
Bypass (cap/weight)	100/52-300gsm	150/64-300gsm	
Document Handling			
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)	
Document Feeder	Std RADF	Std RADF	
Feed (col spd/cap)	75 opm/100 orig	70 opm/100 orig	
Output Size (Min/Max)	A6/A3+	A6/A3+	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	Opt	Opt	
Broadcast (Grps/Dest)	100/500	100/605	
Speed Dial	2,000	2,000	
Printer			
Unenhanced	600 x 600 dpi	600 x 600 dpi	
Enhanced Resolution	2,400 x 600 dpi	1800 x 600 dpi	
Controller	Ricoh	KM Emperon	
PDL	RPCS, PCL 5c/6, opt PS3	PCL5e/6, PostScript 3	RPCS driver easier to use ★
Controller	Fiery E-7100 and E-8100	EFI/IC-409 (Fiery X3e)	
PDL	PCL 5c/6, PS3	PCL 6, PS3	
Network Interface	Std Ethrnt/Opt Gb Ethrnt	Std Ethernet	High speed gigabit ethernet interface option
Parallel Interface	Opt	None	
Serial Interface	None	None	
USB Interface	Std 2.0	Std 2.0	
Scanner			
Speed (col/mon)	69 ipm/81 ipm	70 ipm /70 ipm black	
Resolution (max)	600 x 600 dpi	600 x 600 dpi	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan Destinations			
E-mail	Yes	Yes	
I-fax	Yes	Yes	
FTP	Yes	Yes	
SMB	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	No	Reduce network traffic
Handling Options	4,000 sht A4 LCT, 2,000 sht A3 LCT, 3000 sht 50 stpl fin, 3000 sht 100 stpl fin, 2000 sht bkltmkr; Z-fold, cover interposer, 2/3 hole punch, jogger, 9 bin mailbox, Plockmatic bkltmkr & trimmer, GBC stream punch		
	Opt stapler finisher has two trays (100/3,000); opt booklet finisher has two trays (2,500/100) and V folds up to 20 sheets (80 pgs); opt 2-/4-hole punch		

Brand Model	Aficio MP C6000	Canon iRC5185i	Advantages
Functionality			
Copier	Std	Std	
Printer	Opt	Std	
Fax	Opt	Opt	
Scanner	Opt	Std	
Performance			
Warm-up Time	90 sec	4 min	
First Page (col/mon)	7.5s/5.7s	8.0s/6.2s	
Multi Page (col/mon)	55ppm/60ppm	51ppm/51ppm	8% faster colour & 18% faster mono ★
Resolution	600 x 600 dpi	1200 x 600 dpi	
System Memory	1.536 GB, 320-GB HD	1 GB, 80-GB HD	4 times more memory capacity ★
Operating Noise	54 dB or less	NA	Quiet operation reduces ambient noise
Paper Supply			
Stations (std/max)	3/5	2/6	Hold a wider range of stock on-line
Capacity (std/max)	3300/7400	1100/5000	Fewer interruptions to replenish paper ★
Paper Weights	52 to 300 gsm	64 to 209 gsm	
Bypass (cap/weight)	100/52-300gsm	100/64-253gsm	Print onto heavyweight media ★
Document Handling			
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)	
Document Feeder	Std RADF	Opt RADF and DSPF*	
Feed (col spd/cap)	75 opm/100 orig	51 opm/100 orig	Feed originals at full engine speed
Output Size (Min/Max)	A6/A3+	A5/A3	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	Opt	Yes	
Broadcast (Grps/Dest)	100/500	256/256	
Speed Dial	2,000	None	Simple operation with multiple speed dials
Printer			
Unenhanced	600 x 600 dpi	600 x 600 dpi	
Enhanced Resolution	2,400 x 600 dpi	1200 x 1200 dpi	
Controller	Ricoh	Canon UFR II	
PDL	RPCS, PCL 5c/6, opt PS3	PCL 5c/6, UFR II, opt PS3	
Controller	Fiery E-7100 and E-8100	Not applicable	Fiery option has benefits in light production ★
PDL	PCL 5c/6, PS3	Not applicable	
Network Interface	Std Ethrnt/Opt Gb Ethrnt	Std Ethernet	High speed gigabit ethernet interface option
Parallel Interface	Opt	None	
Serial Interface	None	None	
USB Interface	Std 2.0	Std 2.0	
Scanner			
Speed (col/mon)	69 ipm/81 ipm	70 ipm/70 ipm black	
Resolution (max)	600 x 600 dpi	600 x 600 dpi	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan Destinations			
E-mail	Yes	Yes	
I-fax	Yes	Yes	
FTP	Yes	Yes	
SMB	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	








Handling Options







4,000 sht A4 LCT, 2,000 sht A3 LCT, 3000 sht 50 stpl fin, 3000 sht 100 stpl fin, 2000 sht bkltmkr; Z-fold, cover interposer, 2/3 hole punch, jogger, 9 bin mailbox, Plockmatic bkltmkr & trimmer, GBC stream punch







Opt cassette-feeding unit adds two 550-sheet drawers; opt 2,700-sheet paper deck; opt finisher X1 has one tray that holds 1,000 sheets; opt finisher W1 has three trays (250/1,300/2,450); opt finisher W2 has three trays (250/1,300/2,450) and V folding of up to 15 sheets (60 pages); opt puncher unit

Brand Model	Aficio MP C6000	Xerox WorkCentre 7665	Advantages
Functionality			
Copier	Std	Std	
Printer	Opt	Opt	
Fax	Opt	Opt	
Scanner	Opt	Opt	
Performance			
Warm-up Time	90 sec	130 sec	
First Page (col/mon)	7.5s/5.7s	8.9s/5.5s	
Multi Page (col/mon)	55ppm/60ppm	50ppm/65ppm	10% better colour productivity ★
Resolution	600 x 600 dpi	2400 x 2400 dpi	
System Memory	1.536 GB, 320-GB HD	512 MB, 80-GB HD	4 times more memory capacity ★
Operating Noise	54 dB or less	NA	Quiet operation reduces ambient noise ★
Paper Supply			
Stations (std/max)	3/5	4/6	
Capacity (std/max)	3300/7400	3010/5260	Can hold more paper online ★
Paper Weights	52 to 300 gsm	60 to 220 gsm	
Bypass (cap/weight)	100/52-300gsm	250/60-300gsm	
Document Handling			
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)	
Document Feeder	Std RADF	Std RADF	
Feed (col spd/cap)	75 opm/100 orig	50 opm/250 orig	Feed originals at full engine speed
Output Size (Min/Max)	A6/A3+	A6/A3+	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	Opt	Opt	
Broadcast (Grps/Dest)	100/500	100/200	
Speed Dial	2,000	200	Simple operation with multiple speed dials
Printer			
Unenhanced	600 x 600 dpi	2400 x 2400 dpi	
Enhanced Resolution	2,400 x 600 dpi	Not applicable	
Controller	Ricoh	Xerox SMart controller	
PDL	RPCS, PCL 5c/6, opt PS3	PCL 5c/6, PostScript 3	RPCS driver easier to use
Controller	Fiery E-7100 and E-8100	Not applicable	Fiery option has benefits in light production ★
PDL	PCL 5c/6, PS3	Not applicable	
Network Interface	Std Ethrnt/Opt Gb Ethrnt	Std Ethernet	High speed gigabit ethernet interface option
Parallel Interface	Opt	Opt	
Serial Interface	None	None	
USB Interface	Std 2.0	Opt 2.0	
Scanner			
Speed (col/mon)	69 ipm/81 ipm	50 ipm/80 ipm black	Faster colour scanning speeds capture
Resolution (max)	600 x 600 dpi	600 x 600 dpi	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan Destinations			
E-mail	Yes	Yes	
I-fax	Yes	Yes	
FTP	Yes	Yes	
SMB	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Opt	
Handling Options	4,000 sht A4 LCT, 2,000 sht A3 LCT, 3000 sht 50 stpl fin, 3000 sht 100 stpl fin, 2000 sht bkltmkr; Z-fold, cover interposer, 2/3 hole punch, jogger, 9 bin mailbox, Plockmatic bkltmkr & trimmer, GBC stream punch		
	Professional Finisher has two trays (500/1,500), 2/4-or 2/3-hole punch, 50-sheet stapling and saddle-stitching of up to 15 sheets (60 pgs); Light Production Finisher has two trays (500/2,000), hole punching, 100-sheet stapling, saddle-stitching up to 15 sheets (60 pgs), V-, C-and Z-folding and a 200-sheet post process insertion device; Advanced Finisher has two trays (500/3,000), 2/4-or 2/3-hole punch and 50-sheet stapling; opt offset catch tray; opt 2,000-sheet LCT (high-capacity feeder)		

Brand Model	Aficio MP C7500	Konica Minolta bizhub PRO C6500	Advantages
Functionality			
Copier	Std	Std	
Printer	Opt	No	
Fax	Opt	No	
Scanner	Opt	Opt	
Performance			
Warm-up Time	75 sec	6.5 min	
First Page (col/mon)	6.4s/4.9s	6.5s/5s	
Multi Page (col/mon)	70ppm/75ppm	65ppm/65ppm	8% faster colour & 15% faster mono ★
Resolution	600 x 600 dpi	600 x 600 dpi	
System Memory	1.536 GB, 320-GB HD	1 GB, 4 x 40-GB HD	8 times more memory capacity ★
Operating Noise	54 dB or less	78 dB	Quiet operation reduces ambient noise
Paper Supply			
Stations (std/max)	3/5	3/5	
Capacity (std/max)	3300/7400	1500/4250	Fewer interruptions to replenish paper ★
Paper Weights	52 to 300 gsm	64 to 256 gsm	
Bypass (cap/weight)	100/52-300gsm	250/64-300gsm	
Document Handling			
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)	
Document Feeder	Std RADF	Opt RADF	
Feed (col spd/cap)	75 opm/100 orig	39 opm/100 orig	Feed originals at full engine speed
Output Size (Min/Max)	A6/A3+	100 x 140/A3+	
Facsimile			
Modem Speed	33.6 Kbps	Not applicable	With no fax option a dedicated fax required ★
Multiple Lines	Opt	Not applicable	
Broadcast (Grps/Dest)	100/500	Not applicable	
Speed Dial	2,000		
Printer			
Unenhanced	600 x 600 dpi	600 x 600 dpi	
Enhanced Resolution	2,400 x 600 dpi	600 x 1800 dpi	
Controller	Ricoh	Fiery S450	
PDL	RPCS, PCL 5c/6, opt PS3	Adobe PostScript 3	RPCS driver easier to use ★
Controller	Fiery E-7100 and E-8100	EFI	
PDL	PCL 5c/6, PS3	Adobe PostScript 3	
Network Interface	Ethernet/ opt Gb Ethernet	Opt Ethernet	High speed gigabit ethernet interface option
Parallel Interface	Opt	None	
Serial Interface	None	None	
USB Interface	Std 2.0	Yes	
Scanner			
Speed (col/mon)	69 ipm/81 ipm	NA/39 ipm	Fast colour scanning speeds capture
Resolution (max)	600 x 600 dpi	600 x 600 dpi	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan Destinations			
E-mail	Yes	Yes	
I-fax	Yes	No	
FTP	Yes	Yes	
SMB	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	No	Reduce network traffic
Handling Options	4,000 sht A4 LCT, 2,000 sht A3 LCT, 3000 sht 50 stp fin, 3000 sht 100 stpl fin, 2000 sht bkltmkr; Z-fold, cover interposer, 2/3 hole punch, jogger, 9 bin mailbox, Plockmatic bkltmkr & trimmer, GBC stream punch		
	Opt saddle-stitch finisher (SD-501) can V fold up to 50 sheets (200 pages); opt stapling finisher (FS-503) has two trays (3,000/200) and staples up to 100 sheets; opt booklet finisher (FS-607) has two trays (2,500/100) and can V fold up to 20 sheets (80 pages), also center folds and letter folds in; offers bi-folding and tri-folding; opt post sheet insertion; opt 2-/4-hole punch;		

Brand Model	Aficio MP C7500	Canon iRC5185i	Advantages
Functionality			
Copier	Std	Std	
Printer	Opt	Std	
Fax	Opt	Opt	
Scanner	Opt	Std	
Performance			
Warm-up Time	75 sec	4 min	Much faster warm up will save time 
First Page (col/mon)	6.4s/4.9s	8.0s/6.2s	25% faster for one-off copies and prints 
Multi Page (col/mon)	70ppm/75ppm	51ppm/51ppm	37% faster colour & 47% faster mono 
Resolution	600 x 600 dpi	1200 x 600 dpi	
System Memory	1.536 GB, 320-GB HD	1 GB, 80-GB HD	4 times more memory capacity 
Operating Noise	54 dB or less	NA	Quiet operation reduces ambient noise
Paper Supply			
Stations (std/max)	3/5	2/6	Hold a wider range of stock on-line 
Capacity (std/max)	3300/7400	1100/5000	Fewer interruptions to replenish paper
Paper Weights	52 to 300 gsm	64 to 209 gsm	
Bypass (cap/weight)	100/52-300gsm	100/64-253gsm	
Document Handling			
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)	
Document Feeder	Std RADF	Opt RADF and DSPF*	
Feed (col spd/cap)	75 opm/100 orig	51 opm/100 orig	
Output Size (Min/Max)	A6/A3+	A5/A3	Print bleed area and trim for full page colour
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	Opt	Yes	
Broadcast (Grps/Dest)	100/500	256/256	
Speed Dial	2,000	None	Simple operation with multiple speed dials
Printer			
Unenhanced	600 x 600 dpi	600 x 600 dpi	
Enhanced Resolution	2,400 x 600 dpi	1200 x 1200 dpi	
Controller	Ricoh	Canon UFR II	
PDL	RPCS, PCL 5c/6, opt PS3	PCL 5c/6, UFR II, opt PS3	
Controller	Fiery E-7100 and E-8100	Not applicable	Fiery option has benefits in light production 
PDL	PCL 5c/6, PS3	Not applicable	
Network Interface	Ethernet/ opt Gb Ethernet	Std Ethernet	High speed gigabit ethernet interface option
Parallel Interface	Opt	None	
Serial Interface	None	None	
USB Interface	Std 2.0	Std 2.0	
Scanner			
Speed (col/mon)	69 ipm/81 ipm	70 ipm/70 ipm black	
Resolution (max)	600 x 600 dpi	600 x 600 dpi	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan Destinations			
E-mail	Yes	Yes	
I-fax	Yes	Yes	
FTP	Yes	Yes	
SMB	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	
Handling Options			
	4,000 sht A4 LCT, 2,000 sht A3 LCT, 3000 sht 50 stpl fin, 3000 sht 100 stpl fin, 2000 sht bkltmkr; Z-fold, cover interposer, 2/3 hole punch, jogger, 9 bin mailbox, Plockmatic bkltmkr & trimmer, GBC stream punch		
	Opt cassette-feeding unit adds two 550-sheet drawers; opt 2,700-sheet paper deck; opt finisher X1 has one tray that holds 1,000 sheets; opt finisher W1 has three trays (250/1,300/2,450); opt finisher W2 has three trays (250/1,300/2,450) and V folding of up to 15 sheets (60 pages); opt puncher unit		

Brand Model	Aficio MP C7500	Xerox WorkCentre 7675	Advantages
Functionality			
Copier	Std	Std	
Printer	Opt	Opt	
Fax	Opt	Opt	
Scanner	Opt	Opt	
Performance			
Warm-up Time	75 sec	130 sec	Faster warm up will save time
First Page (col/mon)	6.4s/4.9s	8.9s/5.5s	39% faster for one-off copies and prints 
Multi Page (col/mon)	70ppm/75ppm	50ppm/75ppm	40% better colour productivity 
Resolution	600 x 600 dpi	2400 x 2400 dpi	
System Memory	1.536 GB, 320-GB HD	512 MB, 80-GB HD	4 times more memory capacity 
Operating Noise	54 dB or less	NA	Quiet operation reduces ambient noise
Paper Supply			
Stations (std/max)	3/5	4/6	Fewer interruptions to replenish paper 
Capacity (std/max)	3300/7400	3010/5260	
Paper Weights	52 to 300 gsm	60 to 220 gsm	
Bypass (cap/weight)	100/52-300gsm	250/60-300gsm	
Document Handling			
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)	
Document Feeder	Std RADF	Std RADF	
Feed (col spd/cap)	75 opm/100 orig	50 opm/250 orig	
Output Size (Min/Max)	A6/A3+	A6/A3+	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	Opt	Opt	
Broadcast (Grps/Dest)	100/500	100/200*	
Speed Dial	2,000	200*	Simple operation with multiple speed dials
Printer			
Unenhanced	600 x 600 dpi	2400 x 2400 dpi	
Enhanced Resolution	2,400 x 600 dpi	Not applicable	
Controller	Ricoh	Xerox SMart controller	
PDL	RPCS, PCL 5c/6, opt PS3	PCL 5c/6, PostScript 3	RPCS driver easier to use
Controller	Fiery E-7100 and E-8100	Not applicable	Fiery option has benefits in light production 
PDL	PCL 5c/6, PS3	Not applicable	
Network Interface	Std Ethrnt/Opt Gb Ethrnt	Std Ethernet	High speed gigabit ethernet interface option
Parallel Interface	Opt	Opt	
Serial Interface	None	None	
USB Interface	Std 2.0	Opt 2.0	
Scanner			
Speed (col/mon)	69 ipm/81 ipm	50 ipm/80 ipm black	Faster colour scanning speeds capture
Resolution (max)	600 x 600 dpi	600 x 600 dpi	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan Destinations			
E-mail	Yes	Yes	
I-fax	Yes	Yes	
FTP	Yes	Yes	
SMB	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Opt	
Handling Options	4,000 sht A4 LCT, 2,000 sht A3 LCT, 3000 sht 50 stpl fin, 3000 sht 100 stpl fin, 2000 sht bkltmkr; Z-fold, cover interposer, 2/3 hole punch, jogger, 9 bin mailbox, Plockmatic bkltmkr & trimmer, GBC stream punch		
	Professional Finisher has two trays (500/1,500), 2/4-or 2/3-hole punch, 50-sheet stapling and saddle-stitching of up to 15 sheets (60 pgs); Light Production Finisher has two trays (500/2,000), hole punching, 100-sheet stapling, saddle-stitching up to 15 sheets (60 pgs), V-, C-and Z-folding and a 200-sheet post process insertion device; Advanced Finisher has two trays (500/3,000), 2/4-or 2/3-hole punch and 50-sheet stapling; opt offset catch tray; opt 2,000-sheet LCT (high-capacity feeder)		

Brand Model	Aficio MP C7500	Xerox DocuColor 260	Advantages
Functionality			
Copier	Std	Std	
Printer	Opt	No	
Fax	Opt	Opt	
Scanner	Opt	Info not avail	
Performance			
Warm-up Time	75 sec	150 sec	Faster warm up will save time
First Page (col/mon)	6.4s/4.9s	10.7s/4.3s	67% faster one-off copies and prints 
Multi Page (col/mon)	70ppm/75ppm	60ppm/75ppm	17% better colour productivity 
Resolution	600 x 600 dpi	2400 x 2400 dpi	
System Memory	1.536 GB, 320-GB HD	256 MB, 80-GB HD	4 times more memory capacity 
Operating Noise	54 dB or less	NA	Quiet operation reduces ambient noise
Paper Supply			
Stations (std/max)	3/5	4/6	Fewer interruptions to replenish paper 
Capacity (std/max)	3300/7400	3010/5260	
Paper Weights	52 to 300 gsm	64 to 220 gsm	
Bypass (cap/weight)	100/52-300gsm	250/64-300 gsm	
Document Handling			
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2, 2:1, 2:2)	Feed originals at full engine speed Print bleed area and trim for full page colour 
Document Feeder	Std RADF	Std RADF	
Feed (col spd/cap)	75 opm/100 orig	50 opm/250 orig	
Output Size (Min/Max)	A6/A3+	A4/A3	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	Simple operation with multiple speed dials
Multiple Lines	Opt	Opt	
Broadcast (Grps/Dest)	100/500	100/200*	
Speed Dial	2,000	200*	
Printer			
Unenhanced	600 x 600 dpi	2400 x 2400 dpi	RPCS driver easier to use
Enhanced Resolution	2,400 x 600 dpi	Not applicable	
Controller	Ricoh	Fiery System 8e	
PDL	RPCS, PCL 5c/6, opt PS3	PCL 6/PCL 5, PS3	
Controller	Fiery E-7100 and E-8100	Splash/RPX-ii*	High speed gigabit ethernet interface option
PDL	PCL 5c/6, PS3	Adobe PostScript 3	
Network Interface	Std Ethrnt/Opt Gb Ethrnt	Std Ethernet	
Parallel Interface	Opt	Opt	
Serial Interface	None	None	
USB Interface	Std 2.0	Opt 2.0	
Scanner			
Speed (col/mon)	69 ipm/81 ipm	50 ipm/80 ipm black	Faster colour scanning speeds capture
Resolution (max)	600 x 600 dpi	600 x 600 dpi	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan Destinations			
E-mail	Yes	Yes	
I-fax	Yes	Yes	
FTP	Yes	Yes	
SMB	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	

Handling Options 4,000 sht A4 LCT, 2,000 sht A3 LCT, 3000 sht 50 stpl fin, 3000 sht 100 stpl fin, 2000 sht bkltmkr; Z-fold, cover interposer, 2/3 hole punch, jogger, 9 bin mailbox, Plockmatic bkltmkr & trimmer, GBC stream punch

Opt Light Production finisher has 2 trays (200/1,500), hole punch, V-folding (5 sheets), saddle-stitching up to 15 sheets (60 pages), supports an opt module enabling tri-fold and Z-fold, opt 500-sheet offset catch tray, opt 2,000-sheet oversized-drawer up to 13 x 19 LCT; opt convenience stapler; opt Professional finisher has 2 trays (500/1,500), hole punch, V-folding (5 sheets), & saddle-stitching up to 15 sheets (60 pages); opt Advanced finisher has 2 trays (500/3,000), hole punch, & 50-sht stapling

Brand Model	Aficio MP C7500	Sharp MX-7001N	Advantages
Functionality			
Copier	Std	Std	
Printer	Opt	Std	
Fax	Opt	Opt	
Scanner	Opt	Std	
Performance			
Warm-up Time	75 sec	320 sec	Much faster warm up will save time
First Page (col/mon)	6.4s/4.9s	8.8s/4s	38% faster one-off copies and prints 
Multi Page (col/mon)	70ppm/75ppm	50ppm/70ppm	40% better colour productivity 
Resolution	600 x 600 dpi	600 x 600 dpi	
System Memory	1.536 GB, 320-GB HD	1-GB RAM, 80-GB HD	4 times more memory capacity 
Operating Noise	54 dB or less	73 dB	Quiet operation reduces ambient noise
Paper Supply			
Stations (std/max)	3/5	3/5	
Capacity (std/max)	3300/7400	3000/6600	Fewer interruptions to replenish paper 
Paper Weights	52 to 300 gsm	60 to 209 gsm	
Bypass (cap/weight)	100/52-300gsm	100/55-256gsm	Print onto heavyweight media 
Document Handling			
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)	
Document Feeder	Std RADF	Std DSPF	
Feed (col spd/cap)	75 opm/100 orig	NA/150 orig	Feed originals at full engine speed
Output Size (Min/Max)	A6/A3+	A5/A3+	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	Opt	No	
Broadcast (Grps/Dest)	100/500	500/500	
Speed Dial	2,000	999	Simple operation with multiple speed dials
Printer			
Unenhanced	600 x 600 dpi	600 x 600 dpi	
Enhanced Resolution	2,400 x 600 dpi	1200 x 600 dpi	
Controller	Ricoh	Sharp	
PDL	RPCS, PCL 5c/6, opt PS3	PCL 5c/6, opt PS3	RPCS driver easier to use
Controller	Fiery E-7100 and E-8100	Fiery System 8e	
PDL	PCL 5c/6, PS3	PCL 5c/6, opt PS3	
Network Interface	Std Ethrnt/Opt Gb Ethrnt	Std Ethernet	High speed gigabit ethernet interface option
Parallel Interface	Opt	None	
Serial Interface	None	None	
USB Interface	Std 2.0	Std 2.0	
Scanner			
Speed (col/mon)	69 ipm/81 ipm	NA/65 ipm	Fast colour scanning speeds capture
Resolution (max)	600 x 600 dpi	600 x 600 dpi	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan Destinations			
E-mail	Yes	Yes	
I-fax	Yes	Yes	
FTP	Yes	Yes	
SMB	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	
Handling Options	4,000 sht A4 LCT, 2,000 sht A3 LCT, 3000 sht 50 stpl fin, 3000 sht 100 stpl fin, 2000 sht bkltmkr; Z-fold, cover interposer, 2/3 hole punch, jogger, 9 bin mailbox, Plockmatic bkltmkr & trimmer, GBC stream punch		
	Opt 4,000-sheet finisher staples up to 50 sheets; opt 4,000-sheet saddle-stitch finisher produces booklets up to 60 pages; both finishers offer opt 2-/3 hole punch unit; output tray supports up to 500 sheets (face down); opt exit tray holds 100 sheets (face down); opt post-sheet inserter holds 100 sheets		

Ricoh UK Limited
1 Plane Tree Crescent
Feltham
Middlesex
TW13 7HG

www.ricoh.co.uk
020 8261 4000

NRG Group UK Ltd
300 Pavilion Drive
Northampton
NN4 7YE

www.nrggroup.co.uk
01604 732700

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