Product Information Guide

IM C6500, IM C8000

RICOH | **savin** | **LANIER**

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Introduction

About this guide

This product information guide provides you with an overall presentation of the Ricoh color A3 multifunction products (MFPs) IM C6500 and IM C8000. It's a reference tool for sales managers and salespeople who sell these devices.

This handbook includes a description of the new and enhanced features of these devices, key selling points, and a snapshot of target customers. For additional information on legacy features, please refer to the Common Features Guide & Common Features Guide Matrix that is posted on RWorld & InfoCenter.

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Product overview

Product snapshot

The **IM C6500** and **IM C8000** are A3 color MFPs that provide copy speeds of 65 copies per minute (cpm) and 80 cpm respectively.

These devices provide copy, print, and scan as standard, with fax available as an option. They come with the latest generation GWNX controller that provides advanced functionality and a number of enhancements over the previous devices, such as faster duplex scan speed and improved high compression PDF performance.

These MFPs also deliver continuous new value to customers with RICOH Always Current Technology, RICOH Intelligent Support, and RICOH Smart Integration.

Additionally, they come standard with the latest (G2.5) 10.1" Smart Operation Panel that is more intuitive, user-friendly, and responsive to user commands.

Lastly, the devices support a range of optional accessories for specific workflows, including a small paper tray and double feed detection option (Page Keeper) for the SPDF.

They also support new and improved finishers that allow customers to conveniently produce Z-fold brochures, stapled documents, booklets, and so on.

Up to 80 cpm

10.1" Smart Operation Panel

RICOH Always Current Technology

RICOH Intelligent Support

Faster 240 ipm duplex scanning

New and enhanced features

These devices come with a range of new and enhanced features to meet the needs of customers and the modern digital workplace.

RICOH Always Current Technology

With work styles and technology evolving so rapidly, customers are expecting devices that are agile and ready to meet their ever-changing business needs.

Now, with RICOH Always Current Technology, we can respond rapidly via periodic downloadable updates, ensuring that our customers' devices are always equipped with the latest features.

And, in the essence of responsive design, we will continue to add functionality that is specific to varying industries and business workflows.

But most importantly, with security being one of the major concerns for businesses these days, customers can have peace of mind that their devices are always protected with the latest security features.

Regardless of when a device is purchased, if it supports RICOH Always Current Technology, it can be kept up to date with the latest features and functionalities. Customers can choose whether to download and install the updates from the Application Site (Administrator rights required).

At the time of launch, these MFPs are loaded with the latest features of RICOH Always Current Technology. The main new features and improvements are:

✓ **Enhanced UI for the Settings screen**—makes it easier to navigate the System, Paper Tray, Copy/Document, Fax, Printer, Scanner, Maintenance, Inquiry and Counter Settings

✓ **New Smart Copy features**—Reserve Copy (Job Preset), Positive/Negative, Mirror Image, Image Repeat, and Slip Sheet

✓ **Reception File Storage Location**—has been added to Fax Settings, enabling customers to choose whether fax messages are stored in fax memory or on the hard disk.

Note: Some features are dependent on the engine's capability. Contact your local sales company for more information.

RICOH Intelligent Support

When customers need help operating these new devices, our latest RICOH Intelligent Support capabilities will give them the support quickly when they need it.

RICOH Intelligent Support tools such as RemoteConnect Support allows our support specialists to remotely access devices to apply corrective measures and minimize downtime.

They can also remotely operate the Smart Operation Panel and guide customers in real-time on how to use the device.

IT managers can use the intuitive Remote Panel Operation tool to access their fleet of devices from a web browser and provide user support easily and resolve issues quickly over the company network.

Web-help and How-to Videos are also accessible from the Smart Operation Panel, helping customers to complete simple tasks like toner replacement quickly and easily.

These MFPs will also periodically check for and download the latest firmware from the server and then automatically update themselves with the latest version of the Automatic Remote Firmware Update (ARFU) tool.

Lastly, the Advanced Remote Mobile System (ARMS) gives field technicians all the technical information they need about a device before they arrive at the customer's location. The information, based on data from @Remote, is delivered to a mobile-friendly website and promotes faster issue resolution and first-time fix.

Note: Contact your local sales company for a full list of RICOH Intelligent Support offerings available in your market.

RICOH Smart Integration

RICOH Smart Integration provides simplification and automation to common workflow tasks. Getting documents sent to the right location, in the right format, with the right file name is made easy, so that important information becomes instantly accessible, ready to use and share.

Customers undergoing digital transformation will be able to work faster, smarter and more cost-effectively. Whether they are looking to simplify mobile printing, send editable and searchable documents to email, folders, or cloud storage locations, Ricoh has a cloud workflow solution to meet your needs.

RICOH Smart Integration is part of Ricoh's Cloud Workflow Solutions portfolio, which provides subscription-based solutions delivered via the cloud, so upfront costs are significantly reduced, customers always have access to the latest technology and getting up and running is quick and easily.

Cloud Workflows Solutions are for SMB (Small to Medium Business) customers and specific industries.

Ricoh's Cloud Workflow Solutions portfolio is continuously growing, and new workflow integrations are completed by Ricoh's committed team of developers on an on-going basis.

New Smart Operation Panel

These devices come with a new generation (G2.5) 10.1" Smart Operation Panel that provides a host of new features and enhancements for better usability and user comfort.

Among the main improvements is a new bezel design with optimized thickness that maximizes screen real estate, while ensuring structural strength of the Smart Operation Panel. The narrower bezel also makes it easier for users to press the soft keys that are located at the edge of screen.

Additionally, the Near Field Communication (NFC) tag is now embedded in the panel, ensuring an even surface across the entire operation panel for improved touch operation.

The flick sensitivity has also been optimized, increasing how fast the panel responds to a user's touch compared with the previous version.

Meanwhile, the Home screen has been revamped with icons that can be enlarged, while the Copy, Scan, and Fax UI have a new top screen button layout for better visibility of frequently-used functions.

Almost all the application UI, including User Tools, Address Book Management, and Error Screen are also Ricoh native to provide consistent operability across multiple Ricoh devices—once you've learned to use one device, you can use them all.

Enhanced efficiency

These devices have been improved to help customers enhance their productivity and be more efficient in their daily work. The SPDF comes with a faster duplex scan speed of 240 ipm compared with 220 ipm in the previous devices.

The IM C6500 and IM C8000 also support new and improved folding units, including the slim-line Multi-Folding Unit FD4010 that enables the in-house production of Z-fold, half-fold, letter fold-in, and letter fold-out documents with less floor space.

If needed, the standard size Multi-Folding Unit FD4020 supports additional double-parallel and gate fold documents for more versatility.

These devices also support the Small Paper Feeding Unit Type M37, which is ideal for customers who want to scan small size documents such as bank cheques and application slips.

Better reliability

A number of improvements have been made to increase the reliability of these devices, ensuring maximum uptime.

These MFPs support the optional Page Keeper Type M37, which is a double feed detection unit for the SPDF that prevents more than one page from being scanned at a time. It is useful for customers such as law firms and print shops, who frequently scan large volumes of multiple-page documents.

The accuracy of the punch unit for the optional Finisher SR4140 has also been improved. The position gap of the punch hole is smaller compared with its predecessor, ensuring consistently high quality documents are produced every time.

Additionally, the angle of the Copy Tray Type M42 can be adjusted to two positions to suit the type of media that is being printed—29 degrees for plain paper and 5 degrees for thin or coated paper. This reduces paper misfeeds when printing on specific media.
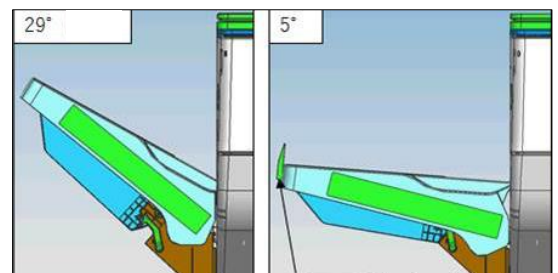
Smoother usability

The Smart Operation Panel on these MFPs comes with a wider tilt angle of 90 degrees, giving users more flexibility to adjust it to make the screen more visible. This is especially useful for users who are bending down to replenish supplies or to fix an issue.

The G2.5 Smart Operation Panel is also faster than the previous generation when it comes to screen transition and application startup. Depending on the application, the Smart Operation Panel takes just up to 0.4 seconds to transition to another screen compared with 1.1 seconds in the previous generation.

Additionally, the Copy application startup time is a mere 0.5 seconds compared with 7.6 seconds in the previous generation Smart Operation Panel.

These MFPs also come with guidance videos for changing supplies, which are more intuitive than the previous animation guidance. Furthermore, the videos can be paused and rewound if necessary.

Enhanced controller features

These MFPs are powered by an advanced GWNX controller that provides the latest features for users to work smarter and achieve better results. These include improved support for High Compression PDF, which enables higher quality scans at smaller file sizes.

Other notable improvements are in Reception Storing Settings per Sender, which allows users to register storage folders for received files according to the lines and senders. This function is particularly useful for customers who use paperless fax.

Key selling points

This section outlines the key selling points and benefits of these devices.

Improved efficiency

These devices enable users to work faster and be more efficient thanks to several enhancements.

- ✓ **Faster duplex scan speed** of 240 ipm compared with 220 ipm in previous devices
- ✓ **New controller features** to meet the demands of the modern workplace
- ✓ **Faster screen transition and application startup** time on the (G2.5) Smart Operation Panel
- ✓ **Optional Multi-Folding Units** to produce Z-fold, half-fold, letter fold-in, and letter fold-out documents
- ✓ **Optional Small Paper Feeding Unit Type M37** for scanning small size documents such as bank cheques and application slips

Smart and easy to use

A variety of Ricoh innovations are included to ensure that these devices perform at their peak now and in the future.

- ✓ **RICOH Always Current Technology** ensures devices support the latest features and functionalities
- ✓ **RICOH Intelligent Support** provides always-on device intelligence and fast access to support
- ✓ **RICOH Smart Integration** connects the devices to cloud workflows to help customers work faster, smarter, and more cost effectively
- ✓ **10.1" Smart Operation Panel (G2.5)** provides a host of new features and enhancements for better usability and user comfort
- ✓ **Wide 90-degree tilt angle for Smart Operation Panel** provides greater flexibility and visibility

Better reliability

These devices come with features that make them more reliable, especially for customers in busy work environments.

- ✓ **Guidance videos** make it easier for customers to replace supplies and reduce downtime
- ✓ **Optional Page Keeper Type M37 (double feed detection)** allows user to reliably scan jobs with large amount of pages
- ✓ **Angle of Copy Tray Type M42 can be adjusted** according to media type to reduce paper jam
- ✓ **Improvement to punch unit** for the Finisher SR4140 ensures high quality documents are produced every time

Target
customers

Target customers

The IM C6500 and IM C8000 are suitable for high-volume general office users and office Central Reprographic Departments (CRDs) or copy rooms, with an average copy volume of 20,000–30,000 sheets per month.

The Dynamic Workplace Intelligence (DWI) concept, which encompasses RICOH Always Current Technology, RICOH Intelligent Support, and RICOH Smart Integration, enables customers to improve their workplace using these innovative technologies and services.

The high productivity (65–80 cpm) and improved robustness provided by the new finishers, Page Keeper option, and copy tray, enable customers to produce high volume print jobs with enhanced reliability.

Meanwhile, the latest (G2.5) Smart Operation Panel provides a new user interface, faster response time, and support for apps that enable customers to work smarter.

Outstanding image quality is provided by Vertical Cavity Surface Emitting Laser (VCSEL) technology while versatile paper handling capabilities allow the devices to print on up to 300 g/m^2 media. Other highlights include 3-edges full bleed prints as well as banner paper prints.

Various optional finishers also allow customers to produce professional, high-quality color documents in-house, on demand.

The advanced technology of the GWNX controller provides a common solutions platform with other Ricoh devices, facilitating better integration in multi-device fleets.

General office

High-volume general office environments with an average color ratio of 40% can take advantage of these production-like printing devices to create print jobs such as brochures, presentations, and proposals. High productivity, high image quality, and features to minimize downtime are key selling points for these environments, which demand rapid turnaround.

CRDs and copy rooms

CRDs and copy rooms are also a primary target market for the devices. Superior media support—SRA3++, 300 g/m^2 paper, and banner paper—and 3-edges full-bleed printing enables customers to produce professional brochures, flyers, and other promotional materials.

Specifications

Introduction

This section includes the most important IM C6500 and IM C8000 product features and specifications. For example, it lists key differences between these MFPs and their predecessors, standard and optional configuration, print, copy, scan, and fax features.

What's changed

These devices come with a range of new and enhanced features to improve user efficiency and productivity.

The new devices replace these devices:

Previous device	New device
MP C6503SP	IM C6500
MP C8003SP	IM C8000

What's changed summary—IM C6500 vs MP C6503SP

Specifications		Previous devices		New device	
		MP C6503SP	**MP C8003SP**	**IM C6500**	**IM C8000**
Scan speed—via SPDF	Simplex	120 ppm		120 ppm	
	Duplex	220 ppm		240 ppm	
Print resolution—when using copy		1,200 x 4,800 dpi		2,400 x 4,800 dpi	
CPU		Intel Atom Bay Trail-I 1.91 GHz		Intel Atom Apollo Lake-I 1.6GHz	
Smart Operation Panel		V2.0		V2.5—improved user interface	
RICOH Always Current Technology		Not supported		Supported	
RICOH Smart Integration		Not supported		Supported	
RICOH Intelligent Support		Not supported		Supported	
Typical Electricity Consumption (TEC)		4.8 kWh	6.2 kWh	1.2 kWh	2.0 kWh
Optional small paper feeding unit for SPDF		Not supported		Supported	
Optional double feed detection unit for SPDF		Not supported		Supported	

Optional slim-line multi-folding unit with z-fold	Not supported	Supported

Controller and mainframe

Feature		Specification
Functions	Standard	Copy, print, scan
	Optional	Fax
Printing process		4-drum dry electrostatic transfer system with internal transfer belt
Development		Dry two-component magnetic brush development system
Fusing		Fusing belt type
Operation panel		10.1" Smart Operation Panel (G2.5)
Printer controller		GWNX
CPU		Intel Atom Apollo Lake-I 1.6 GHz
Memory (RAM)		4 GB
HDD		640GB (320 GB x 2)
Dimensions (W x D x H)		750 x 880 x 1,225 mm / 29.5" x 34.7" x 48.3"
Weight		250 kg or less / 551lbs or less

Connectivity

Feature		Specification
Interfaces	Mainframe	10Base-T/100Base-TX/1000Base-T (Gigabit Ethernet) USB Host Type A—2 ports USB Device Type B—1 port
	Smart Operation Panel	IEEE 802.11 b/g/n (Wireless LAN) [1] Bluetooth 4.2 [2] SD Card Slot—SDHC memory card USB Host Type A—USB Flash memory USB Host Type A—1 port for USB keyboard (optional)[2] USB Host Type mini B—for NFC card reader (optional)[2] microSD card slot—ROM storage expansion[2] NFC Tag [2]
	Optional	IEEE 1284 Wireless LAN (IEEE 802.11 a/b/g/n)[3]
Network protocols		TCP/IP (IPv4, IPv6)
MIB support	Standard	MIB-II (RFC1213) Host Resources MIB (RFC1514) Printer MIB (RFC1759) Printer Port Monitor MIB
	Private	Ricoh original MIB

[1]—Limited printing for a peer-to-peer mobile device via RICOH Smart Device Connector
[2]—Cannot be used for printing
[3]—Cannot be used with Bluetooth at the same time

Hardware configuration

Feature	Specification
1,250-sheet x 2 paper input tray (tandem)	Standard
550-sheet x 2 paper input tray	Standard
100-sheet bypass tray	Standard
Duplex unit	Standard
220-sheet SPDF	Standard
10.1" Smart Operation Panel (G2.5)	Standard
4,400-sheet LCT RT4060 (A4/8.5" x 11")	Optional
2,200-sheet LCT RT4070 (A3/11" x 17")	Optional
A3/11"x17" Tray Unit Type M26	Optional
Small Paper Feeding Unit Type M37	Optional
Page Keeper Type M37	Optional
Copy Tray Type M42	Optional
3,000-sheet Finisher SR4150	Optional
2,000-sheet Booklet Finisher SR4160	Optional
3,000-sheet Finisher SR4140	Optional
Multi-Folding Unit FD4020	Optional
Multi-Folding Unit FD4010	Optional
Cover Interposer Tray CI4050	Optional
Mail Box CS4010	Optional

Punch Unit PU 5050 (NA) for Finisher SR4140	Optional
Punch Unit PU3090 (NA) for Finisher SR4150, Booklet Finisher SR4160	Optional
Output Jogger Unit Type M25	Optional

Option compatibility

If you purchase	You must install	You cannot install
Small Paper Feeding Unit Type M37	—	—
Page Keeper Type M37	—	—
LCT RT4060	—	LCT RT4070
LCT RT4070	—	LCT RT4060
A3/11"x17" Tray Unit Type M26	—	—
Tab Sheet Holder Type M2	—	—
Finisher SR4150	—	Booklet Finisher SR4160 Finisher SR4140 Copy Tray Type M42
Booklet Finisher SR4160	—	Finisher SR4150 Finisher SR4140 Copy Tray Type M42
Finisher SR4140	—	Finisher SR4150 Booklet Finisher SR4160 Copy Tray Type M42
Multi-Folding Unit FD4020	Finisher SR4150 **or** Booklet Finisher SR4160 **or** Finisher SR4140	Multi-Folding Unit FD4010

Multi-Folding Unit FD4010	Finisher SR4150 **or** Booklet Finisher SR4160 **or** Finisher SR4140	Multi-Folding Unit FD4020 Cover Interposer Tray CI4050
Copy Tray Type M42	—	Finisher SR4150 Booklet Finisher SR4160 Finisher SR4140
Punch Unit PU3090 NA	Finisher SR4150 **or** Booklet Finisher SR4160	Punch Unit PU5050 NA
Punch Unit PU5050 NA	Finisher SR4140	Punch Unit 3090 NA
9-bin Mail Box CS4010	Finisher SR4150 **or** Booklet Finisher SR4160	—
Cover Interposer Tray CI4050	Finisher SR4140	Multi-Folding Unit FD4010 Finisher SR4150 Booklet Finisher SR4160
Output Jogger Unit Type M25	Finisher SR4150 **or** Booklet Finisher SR4160	—
Fax Option Type M42	—	—
Fax Memory Unit Type M26 64MB	Fax Option Type M42	—
PostScript3 Unit Type M42	—	—
IPDS Unit Type M42	—	—
IEEE 802.11a/g/n Interface Unit Type M19	—	—
OCR Unit Type M13	—	—
Smart Card Reader Built-in Unit Type M19	—	—
VM Card Type M37	—	—
Optional Counter Interface Unit Type M12	—	—

Minimum space requirements

Item	Specification
Front	800 mm / 31.5"
Left	150 mm / 5.9"
Right	150 mm / 5.9"
Rear	100 mm / 3.9"

Copy features

Copy speeds

Feature		IM C6500	IM C8000
First copy time	Black and white	5.5 seconds	4.8 seconds
	Color	7.5 seconds	6.4 seconds
Copy speed		65 cpm	80 cpm

Other copy features

Feature		Specification
Quantity selection		Up to 9,999 copies
Resolution	Scanning	600 x 600 dpi
	Printing	2,400 x 4,800 dpi
Maximum imageable area		323 x 480 mm 12.72" x 18.90"
Color modes	Options	Black and white (default), Automatic Color Selection, full color, single color, two color
	Single color	12 colors x 4 density—single color preset; default red
	User color	15 colors x 4 density
Enlargement ratio		400%, 200%, 155%, 129%, 121%
Reduction ratio		93%, 85%, 78%, 73%, 65%, 50%, 25%
Zoom range		25%–400% in 1% steps
Book copy		Booklet, magazine, layout and booklet
Series copy		Book to simplex, duplex to simplex

Combine copy		2, 4, or 8 pages into 1 simplex sheet
		1, 2, or 4 duplex pages into 1 simplex sheet
		2, 4, 8, or 16 pages into 1 duplex sheet
		2, 4, or 8 duplex pages into 1 duplex sheet
Centering		Supported
Cornering		Not available
Margin/erase adjustment	Margin	0–30 mm in 1 mm steps
	Erase center and border	2–99 mm in 1 mm steps
	Scan position	0–30 mm in 1 mm steps
	Creep	0–99 mm in 1 mm steps
Automatic Paper Selection (APS)/ Automatic Magnification Selection (AMS)		Tray 1, tray 2, tray 3, bypass tray, 4,400-sheet LCT RT4060, 2,200-sheet LCT RT4070
Cover sheet		Front and back covers—copy or blank; default copy
Slip sheet		Supported
Chaptering		Up to 100 chapters
Electronic sorting	Sort	Supported—without finisher
	Rotate sort	Supported
	Shift sort	Supported—with finisher
Electronic stacking		Supported—with finisher
Stapling		Supported—with finisher
Color creation		Color conversion, color erase, color overlay
Image creation		Repeat, double copy, mirror, positive/negative, erase inside—5 parts, erase outside—1 part
Image adjustment	Sharpen/soften	7 levels

	Contrast	9 levels
	Background density adjustment	9 levels
	Under Color Removal (UCR)	9 levels
	Text and photo separation sensitivity	9 levels
	Color erase sensitivity	5 levels
Job programs		25
Job presets		8
Maximum original size		A3/11" x 17"
Image density adjustment		Auto, manual
Copy modes		Auto Text & Photo Separation (Printed/Glossy/Copied)—default
Duplex copy		Simplex to duplex Duplex to duplex—with SPDF Book to duplex Front and back to duplex
Interrupt copy		Supported
Sample copy		Supported
Auto tray change		Supported
Magnification		Directional magnification, Directional size magnification
Stamps	Preset stamp	8 stamps
	User stamp	4 stamps can be registered
	Date stamp	5 stamps can be registered
	Page number	6 styles

	Bates numbering	6 styles
	Copy prevention pattern	Supported
Auto start		Supported
Image rotation		Supported—A4, LT, B5
Paper types	Standard tray, bypass tray, optional paper feed unit	Plain paper[1], recycled paper, color paper, special paper 1–3, letterhead, pre-printed paper, pre-punched paper, bond paper, card stock, thin paper, plain paper 1–2, middle thick, thick paper 1–4
	[1]—Not displayed as paper type	
Paper thickness	Thin paper	52.3–65.9 g/m^2
	Plain paper 1	66– 80.9 g/m^2
	Plain paper 2	81–100.9 g/m^2
	Middle thick paper	101–127.4 g/m^2
	Thick paper 1	127.5–150 g/m^2
	Thick paper 2	150.1–216 g/m^2
	Thick paper 3	216.1–256 g/m^2
	Thick paper 4	256.1–300 g/m^2
Supported languages—operation panel		Japanese, English, French, German, Italian, Spanish, Dutch, Norwegian, Danish, Swedish, Polish, Portuguese, Hungarian, Czech, Finnish, Simplified Chinese, Traditional Chinese, Russian, Greek, Catalan, Turkish, Brazilian Portuguese, Korean, Thai
Other supported features		Home UI customization, My Operation Panel, Web browser, Operation manual on operation panel, Workflow improvement with one button, External USB keyboard support, Function soft keys, Simple UI Apps, Single function Apps, Smart Apps, Smart device-like operation on LCD, Application Site support, Document server folder management with password, Import/export of preference settings, ID Card Copy, Subset stapling, Half fold, Connect Copying, Centralized address book management, Adjusting color registration, Color calibration (Image density adjustment), Color balance adjustment, Color balance program, Auto Color Calibration

Print features

Feature		IM C6000	IM C8000
Print speed—black and white, color, A4 LEF/LT LEF	Simplex	65 ppm	80 ppm
	Duplex	65 ppm	80 ppm
Print speed—black and white, color, A3 SEF/DLT SEF	Simplex	34.5 ppm	42 ppm
	Duplex	33.4 ppm	41 ppm
Print speed—black and white, color, A5 LEF	Simplex	72.5 ppm	85 ppm
	Duplex	69.4 ppm	85 ppm
First print time	Black and white	5.5 seconds or less	4.8 seconds or less
	Color	7.5 seconds or less	6.4 seconds or less
Maximum print resolution		1,200 x 4,800 dpi	
Page Description Languages (PDLs)	Standard	PCL 5c, PCL 6, PostScript3 emulation, PDF Direct emulation	
	Optional	Adobe PostScript 3, Adobe PDF Direct, IPDS	
Printer drivers	Standard	PCL 5c, PCL 6, PostScript3 emulation	
	Optional	Adobe PostScript 3	
Printer driver resolution	Maximum	1,200 x 1,200 dpi	
	PCL 5c	300 x 300 dpi (1-bit)—black and white mode 600 x 600 dpi (1-,2-, and 4-bit)	
	PCL 6, PostScript 3	600 x 600 dpi (1-,2-, and 4-bit) 1,200 x 1,200 dpi (1- and 2-bit)	
	IPDS—optional	300 x 300 dpi, 600 x 600 dpi (1-bit)	

Feature		IM C6000	IM C8000
Fonts	PCL 5c/6, PostScript3 emulation, PDF Direct emulation	80 Roman fonts + 13 international fonts	
	Adobe PostScript 3— optional	136 Roman fonts	
	IPDS—optional	108 Roman fonts	
Poster print		Supported—with PCL 6	
Mobile printing		AirPrint, Mopria, RICOH Smart Device Connector	
Other supported features		Sample print, Locked print, Hold print, Scheduled print, Stored print, Store and Print, Black over print, CLP simulation, PDF Direct Print, PictBridge, Mail to print, Classification code, Bonjour (Rendezvous) support, Windows Active Directory support, DDNS support, PCL resident font adoption, Tray parameter change from Web Image Monitor, Universal driver, WS printer, Print from USB/SD (Media Direct Print), Banner page print (job sheet print), Auto job promotion, WPS (WiFi Protected Setup) support, Job spool, Sub paper size, Extend A4 width	

Printer driver features

Feature	PCL 5c	PCL 6	PostScript 3	
			Windows 7/8.1/10	Mac OS X 10.12 or later
Send to job Binding	No	No	No	No
Send to Document Server	Yes	Yes	Yes	Yes
Sample Print	Yes	Yes	Yes	Yes
Locked Print	Yes	Yes	Yes	Yes
Hold Print	Yes	Yes	Yes	Yes
Stored Print	Yes	Yes	Yes	Yes
Stored Print (Shared)	No	Yes	No	No

Store and Print	Yes	Yes	Yes	Yes
Store and Print (Shared)	No	Yes	No	No
Reduce/Enlarge (Zoom/Scaling)	Yes	Yes	Yes	Yes
Reduce/Enlarge Centering	Yes[1]	Yes[1]	No	No
Fit to Paper Size	Yes	Yes	Yes	Yes
Unauthorized Copy Control	No	Yes	Yes	Yes
Layout (N-up, Page per sheet)	Yes	Yes	Yes	Yes
Poster	No	Yes	No	No
Duplex	Yes	Yes	Yes	Yes
Booklet1	No	No	No	No
Booklet2 (Magazine)	Yes	Yes	Yes	Yes
Non-Reduction Booklet	No	No	Yes	No
Watermark	Yes	Yes	Yes	Yes
Overlay	No	No	No	No
Header/Footer	No	Yes	Yes	No
Adjust Image Position	No	No	No	No
Binding Margins	No	No	No	No
Collate	Yes	Yes	Yes	Yes
Punch	Yes	Yes	Yes	Yes
Staple	Yes	Yes	Yes	Yes
Cover Sheet (Front Cover)	No	Yes	Yes	No
Front and Back Cover	No	Yes	Yes	No

Slip Sheet	No	Yes	Yes	No
Banner Page Print	No	Yes	Yes	Yes
Chaptering	No	Yes	Yes	No
Rotate by 180 degrees	Yes	Yes	Yes	Yes
Reverse Order Print	Yes	Yes	Yes	Yes
Do not print Blank Pages	No	Yes	No	No
Dithering	No	Yes	Yes	Yes
Toner Saving	No	Yes	Yes	Yes
Black Over Print	No	Yes	Yes	Yes
CLP Color Simulation	No	Yes	Yes	Yes
Print Priority Setting: Quality	No	Yes	No	No
Print Priority Setting: Speed	No	Yes	No	No
Print Priority Setting: High Speed	No	No	No	No
User ID	Yes	Yes	Yes	Yes
User Code	Yes	Yes	Yes	Yes
User Authentication	Yes	Yes	Yes	Yes
Encryption/Encoding	Yes	Yes	Yes	No
Mirror Image Print	No	No	Yes	No
Negative Image Print	No	No	No	No
Edge to Edge Print	No	Yes	Yes	Yes
Limitation Setting	No	No	No	No
Classification Code	Yes	Yes	No	No

Mask Type for Copying	No	Yes	Yes	No
Data Security for Copying	No	Yes	Yes	No
Custom Media Type	No	Yes	Yes	No
Chaptering (Page Layout)	No	Yes	Yes	No
Chaptering (Single Page Insertion)	No	Yes	Yes	No
Chaptering (Page Block Insertion)	No	Yes	Yes	No
User Defined Pages	No	No	No	No
Tab Stock Printing	No	Yes	No	No
Edge Smoothing	No	No	No	No
Economy Color	No	No	No	No

Yes—supported; No—Not supported

[1]— Centering cannot be selected from the PCL drivers, however when using the Reduce/enlarge (Zoom/scaling) feature, the output is automatically centerd with the PCL's original Centering function

Scan features

Feature			Specification
Scan speed via SPDF—A4/8.5" x 11" LEF	Black and white, color—200 dpi, 300 dpi	Single-sided	120 ppm
		Duplex	240 ppm
Scan methods			Scan to USB/SD, Scan to email, Scan to folder (SMB, FTP), Scan to URL, Scan to PDF/A, Scan to digitally signed PDF, Scan to searchable PDF (embedded)
Color scanning			Standard
TWAIN scanning			Supported
Scanning process			CMOS
Scan resolution			100 dpi, 150 dpi, 200 dpi (default), 300 dpi, 400 dpi, 600 dpi, 1,200 dpi
Automatic size detection	Platen glass		11" x 17" (DLT) SEF, 8.5" x 14" (LG) SEF, 8.5" x 11" (LT) LEF/SEF, 5.5" x 8.5" (HLT) LEF **Note:** 9.5"x 13.4" (Oficio) SEF can be configured in SP Mode.
	SPDF		11" x 17"(DLT) SEF, 8.5" x 14"(LG) SEF, 8.5" x 11"(LT) LEF/SEF, 5.5" x 8.5" (HLT) LEF/SEF, 10" x 14" SEF, 7.25" x 10.5" (US EXE) SEF, A3 SEF, A4 SEF/LEF, 8.5" x 13" **Note:** 11" x 15" SEF, 8" x 10" SEF, 10.5" x 7.25" (US EXE) LEF, 8.5" x 13" (Foolscap) SEF, 8.5" x 13 2/5" (Oficio) SEF can be configured in SP Mode.
Scan area	Main scan		297 mm / 11.70"
	Sub-scan		432 mm / 17.00"

Scanner compression methods	Black and white		1-bit— MH, MR, MMR, JBIG2 (PDF), JPEG (greyscale)
	Color		JPEG
Scan mode	Black and white		Text, text/line art, text/photo, photo, greyscale
	Color—24-bit		Text/photo, glossy photo, Automatic Color Selection
Scanned file naming			Supported—with reference number setting, for example, SCAN0001
Image rotation			A4, B5, LT
Image density adjustment			Automatic selection, manual selection—7 levels
Scan to file types	Single- and multi-page TIFF	Compression On	Black and white 1-bit—MH, MR, MMR
		Compression Off	Black and white 1-bit, black and white greyscale, full color
	Single-page JPEG	Compression On	Black and white greyscale, full color
	Single- and multi-page PDF, PDF/A	Compression On	Black and white 1-bit—MH, MR, MMR, JBIG2 Black and white greyscale JPEG, full color JPEG
		Compression Off	Black and white 1-bit, black and white greyscale, full color
	Single- and multi-page high compression PDF	Compression On	Black and white greyscale, full color—JPEG, JPEG 2000
Other supported features			SADF/batch mode, Mixed size mode, Reduce/enlarge scanning, Split scan from booklet, WSD scanner, Preview before transmission, PDF encryption, Drop-out color send, Universal transmission (simultaneous fax and scan), Distributed Scan Management

Scan to email

Feature		Specification
Protocols		SMTP gateway, TCP/IP
Authentication		SMTP authentication, POP before SMTP authentication
Scan resolution		100 dpi, 150 dpi, 200 dpi (default), 300 dpi, 400 dpi, 600 dpi
Scan to email size	With restriction	128–102,400 KB
	Without restriction	700 MB
Maximum email addresses per send	From HDD	500
	Direct input	100
	via LDAP	100
Email addresses stored in HDD	Maximum email addresses	2,000
	Maximum registered group addresses	100 groups, 500 addresses per group
	Maintain email addresses	Via operation panel, SmartDeviceMonitor for Admin, Web Image Monitor
	Search method	By name, email address
Body message	Manual input	Maximum 80 characters via operation panel
	User pre-registered	Maximum 400 characters, 80 characters over 5 lines
	Preset message	This e-mail includes attached file sent from <device name>.
Input subject	Manual input	Maximum 128 characters
	User pre-registered	Maximum 20 characters via soft key
Scan to email file types	Single-page	TIFF, JPEG, PDF, PDF/A, High Compression PDF, Encrypted PDF, Searchable PDF
	Multi-page	TIFF, PDF, PDF/A, High Compression PDF, Encrypted PDF, Searchable PDF
	Note: Optional OCR unit is required to support scanning to a Searchable PDF.	
LDAP search		Supported
Input file name		Supported

Simultaneous transmission	550 maximum destinations
Attention	To, Cc, Bcc
Program registration	Up to 25 programs
Divide and send	Divide by page or size; default divide by size **Note:** If the sent file is larger than the email size restriction, it will be divided into multiple sends. The size restrictions of the email recipient may also impact the send.
Resend	Yes—default/No

Scan to folder

Feature		Specification
Protocols		SMB, FTP, WSD (Web Services on Devices for Scanning), DSM
Security		Client folder logon, transmission encryption of logon name and password
Scan resolution		100 dpi, 150 dpi, 200 dpi (default), 300 dpi, 400 dpi, 600 dpi
Client folder addressees stored in HDD	Maximum registered folder addresses	2,000
	Maintain folder addresses	Via operation panel, SmartDeviceMonitor for Admin, Web Image Monitor
Destination folder address input via operation panel		Supported
Search for client folders		SMB—browsing directly to the designated folder FTP—by folder name
Homefolder over LDAP		Supported
Maximum client folders/PCs per send		50 folders
Simultaneous transmission		550 maximum destinations when combined with Scan to email
Maximum group addresses		100 destinations from a maximum of 50 folders, 500 email addresses maximum per group
Input file name		Supported

Maximum file size	Default	2,000 MB
	When combined with Scan to email	128–102,400 KB; default 2,048 KB—with restriction 725 MB—without restriction **Note:** File size depends on the selected Scan to email file size restriction.
Scan to folder file types	Single-page	TIFF, JPEG, PDF, PDF/A, High-Compression PDF
	Multi-page	TIFF, PDF, PDF/A, High-Compression PDF
Program registration		Up to 25 programs
Resend		Yes—default/No

TWAIN scanning

Feature		Specification
Scan mode		Standard, Photo, OCR, Filing
Scan resolution—black and white, greyscale		100–1,200 dpi
Scan speed—200 dpi	Black and white	115 ipm—simplex 205 ipm—duplex
	Color	115 ipm—simplex 204 ipm—duplex
Image adjustment		Brightness, Contrast, Threshold, Gamma Adjustment, Halftone Pattern
Endorse		Supported
Stamp		Date, Page number, Text
Supported operating systems		Windows 7, Windows 8.1, Windows 10, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019

Fax features

Fax features are optional with these devices.

Feature		Specification
Fax types		G3 fax, Internet fax (T.37), IP fax (T.38), LAN-Fax, Paperless fax, Direct SMTP fax
Fax circuit		PSTN, PBX
Fax compatibility		ITU-T (CCITT), G3—maximum 3 lines
Fax scanning speed per page—via SPDF	A4/LT SEF	75 spm—Standard, Detail, and Super Fine modes
	A4 /LT LEF Image rotation	94 spm—Standard mode 79 spm—Detail mode 38 spm—Super Fine mode
Fax modem speed		2,400 bps–33.6 Kbps—G3, standard with automatic shift down
Fax compression methods		MH, MR, MMR, JBIG
Fax resolution	Standard mode	200 x 100 dpi—8 x 3.85 lines/mm
	Detail mode	200 x 200 dpi—8 x 7.7 lines/mm
	Super Fine mode	400 x 400 dpi—8 x 15.4 lines/mm 400 x 400 dpi—16 x 15.4 lines/mm **Note:** Super Fine mode is supported with the optional SAF memory.
G3 fax transmission speed—100 x 200 dpi		2 seconds approximately—JBIG, ITU-T No. 1 chart, TTI off, memory transmission
		3 seconds approximately—MMR, ITU-T No. 1 chart, TTI off, memory transmission
Page memory size	Standard	4 MB
	With optional SAF memory	8 MB
Fax SAF memory capacity	Standard	4 MB
	With optional SAF memory	60 MB
Fax memory backup		1 hour
Smoothing		1-bit
Quick dials		2,000 numbers

specifications

Group dials		100 groups
Programmable numbers		100
User codes		8 digits, 1,000 codes
User function keys		3 keys for fax function
Serial broadcasting		500 numbers
Fax forward to folder		With email notification
Paperless fax		With email notification
Remote fax		Optional **Note:** Central MFP requires optional Fax unit, and Fax connection unit. Satellite MFPs require Fax connection unit.
Universal transmission		Simultaneous transmission of fax and scan jobs
Forward to email	Received faxes	G3 fax, Internet fax, from special senders, forward to designated receivers
	Transmission results	G3 fax, Internet fax, IP fax, LAN-Fax, Fax to email, Journal
Fax modes	Transmission	Immediate, Parallel, Memory, Pulse/Tone Selection, Pause, Preview before sending, Display destination before transmission, Send later, Error correction mode, Page retransmission, Forwarding, Image rotation, Closed network, Duplex
	Reception	Automatic, Manual, Substitute, Authorized, Multi-copy, Closed network, Reception time printing, Center mark, Checkered mark, Night timer/Weekly timer, Printing by specified color, 2-in-1, Duplex
Other supported features		Transmitter Terminal Identification (TTI)/Remote Terminal Identification (RTI), Caller Subscriber Identification (CSI), Redial, Direct fax number entry, Dual access, Page counter, Auto reduction, Summer time, Memory lock ID code, Sender ID, Night timer, Remaining memory indicator, Clock adjustment, User parameter settings, Detection of misplaced document, Double-check of destination address, LAN-Fax with cover sheet editor, LDAP support to search fax addresses , Document server stored sending, Fax line assignment, Fax output timer

Internet fax features

Feature		Specification
Mainframe requirements		Optional G3 fax functionality
Communication protocols	Transmission	SMTP, TCP/IP
	Reception	POP3, SMTP, IMAP4, TCP/IP
	Note: Internet fax transmission and reception is only supported by computers with an email address.	
Authentication		SMTP-AUTH, POP before SMTP, APOP
IPv6		Supported
Scan line density	Standard mode	100 x 200 dpi
	Detail mode	200 x 200 dpi
	Fine mode	200 x 400 dpi—with optional SAF memory
	Super Fine mode	400 x 400 dpi—with optional SAF memory
Transmission function		Via email
Number of addresses stored in HDD		2,000
Maximum original size		A4, LT, A3, DLT
Attention		To or Bcc—maximum 500
Destination combinations		G3 fax, IP fax, e-mail, folder
Network interfaces	Standard	10Base-T/100Base-Tx (Ethernet) 1000Base-T (Gigabit Ethernet)
	Optional	IEEE 802.11a/g/n (Wireless LAN)
Internet fax email format		Single- and multi-part, MIME conversion TIFF-F (MH, MR, MMR compression)—attached file formats
Internet fax function	Transmission	Automatically converts sent documents to email format and email transmission—memory transmission only
	Reception	Automatically detects and prints appended TIFF-F (MH) files and ASCII text—memory reception only

LAN-Fax features

Feature		Specification
Resolution	Standard mode	100 x 200 dpi
	Detail mode	200 x 200 dpi; default
	Super Fine mode	400 x 400 dpi—with optional SAF memory Reduces 400 dpi image data to 200 dpi
Supported paper sizes		A3, DLT, B4, A4, LT, LG, B5, A5
Number of addresses stored in HDD		2,000
LAN-Fax editor supported languages		English, German, French, Italian, Spanish, Dutch, Swedish, Norwegian, Danish, Finnish, Hungarian, Czech, Polish, Portuguese, Russian, Korean, Traditional Chinese, Simplified Chinese, Catalan, Turkish, Brazilian Portuguese, Greek **Note:** These languages are supported if they are supported by the user's operating system.
Supported operating systems		Windows 7, Windows 8.1, Windows 10, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019

IP fax features

Feature		Specification
Network interfaces	Standard	10Base-T/100Base-Tx (Ethernet) 1000Base-T (Gigabit Ethernet)
	Optional	IEEE 802.11a/g/n (Wireless LAN)
Communication protocols		T.38, TCP/IP, UDP, SIP (RFC3261 compliant), H.323v2
Maximum original size		A3 or DLT (11" x 17")
Maximum original scanning size	Standard	A3, 297 x 432 mm / DLT (11" x 17")
	Custom	297 x 1,200 mm / 11" x 47"
Scan line density	Standard mode	100 x 200 dpi—8 x 3.85 lines/mm
	Detail mode	200 x 200 dpi—8 x 7.7 lines/mm
	Super Fine mode	400 x 400 dpi—8 x 15.4 line/mm, 16 x 15.4 line/mm **Note:** Requires optional SAF memory.

| IP fax function | Transmission | Specify IP address, send faxes to IP fax compatible device through a network, send faxes from a G3 fax connected to a telephone line via a VoIP gateway |
| | Reception | Receive faxes sent from an IP fax compatible device through a network, receive faxes from a G3 fax connected to a telephone line via a VoIP gateway |

Document server features

Feature	Specification
Maximum stored documents	3,000
Maximum pages per document	3,000
Maximum pages of all documents	15,000
Maximum storage period	1–180 days, 1–96 hours storage, or no limit
Other supported features	Folder management with password

Reliability targets

Target	IM C6500	IM C8000
Average print volume (APV)	20,000 copies per month	30,000 copies per month
Duty cycle	300,000 copies per month	
Unit life	9,000,000 copies or 5 years, whichever comes first	

Consumables

Consumable		Specification
Target yield	Black	47,000 prints
	Cyan, yellow	26,000 prints
	Magenta	26,000 prints
Waste toner bottle		175,000 pages

Note: Toner yield is based on the A4, 5% coverage, 5 pages per job.

Security features

Security need	Solution
Prevent unauthorized access to device	802.1x wired authentication IEEE 802.11i security (WEP, WPA) Quota setting/Account limit User authentication—Windows, LDAP via Kerberos, basic User code authentication Wi-Fi Protected Setup (WPS) support IPv6
Prevent unauthorized access to network	HDD encryption IP filtering—access control IPsec communication Network protocol on/off S/MIME SMTP over SSL Secure Sockets Layer (SSL) communication Transport Layer Security (TLS) Network user authentication SNMP v3
Protection of confidential information	Authentication password encryption Unauthorized copy prevention—print and copy Compulsory security stamp Mask type for copying/Data security for copying Encrypted secure print Encrypted PDF Mode
Prevent leaking of remaining data on HDD	Data Overwrite Security System (DOSS)

Paper handling

Refer to the *Hardware configuration* section for option compatibility.

Paper capacity

Feature	Specification	A4
Paper input capacity	Standard	3,700 sheets
	Maximum	8,100 sheets
Paper output capacity	Minimum	500 sheets—with Copy Tray Type M42
	Maximum	3,500 sheets—with Finisher SR4140

Note: Paper capacity is measured using 80 g/m^2 paper.

Paper handling configuration

Standard input	Specification
1,250-sheet x 2 tandem paper input tray	2,500 sheets
550-sheet x 2 paper input trays	1,100 sheets
Bypass tray	100 sheets
SPDF	220 sheets
Duplex unit	—
Optional input	**Specification**
LCT RT4060 A4/ 8.5" x 11"	4,400 sheets
LCT RT4070 (A3/11" x 17")	2,200 sheets
A3 Tray Type M26—for tandem tray	1,000 sheets
Small Paper Feeding Unit Type M37—for SPDF	44 sheets stack capacity

specifications

Optional output			Specification
Copy Tray Type M42			500 sheets
9-bin Mailbox CS4010			100 sheets per bin
Multi-Folding Unit FD4020			—
Multi-Folding Unit FD4010			—
Cover Interposer Tray CI4050			400 sheets
Booklet Finisher SR4160	Shift tray		2,000 sheets
	Proof tray	A4/LT or smaller	250 sheets
		B4, LG or larger	50 sheets
Finisher SR4150	Shift tray		3,000 sheets
	Proof tray	A4/LT or smaller	250 sheets
		B4, LG or larger	50 sheets
Finisher SR4140	Shift tray		3,000 sheets
	Proof tray	A4/LT or smaller	500 sheets—without z-folding 30 sheets—with z-folding
		B4, LG or larger	250 sheets—without z-folding

Standard paper input

1,250-sheet x 2 tandem paper input tray 1	
Paper capacity	2,500 sheets (1,250 sheets per tray)
Paper size	A4 LEF / LT LEF
Paper weight	52.3–256 g/m^2
550-sheet x paper input trays 2 and 3	
Paper capacity	1,100 sheets (550 sheets per tray)
Paper size	13" x 19.2" SEF, 13" x 19" SEF, 12.6" x 19.2" SEF, 12.6" x 18.5" SEF, 13" x 18" SEF, SRA3 SEF, 12" x 18" SEF, SRA4 SEF/LEF, A3 SEF, A4 SEF/LEF, A5 SEF/LEF, B4 SEF, B5 SEF/LEF, DLT SEF, LG SEF, 8.5" x 13" SEF, LT SEF/LEF, 8" x 10" SEF/LEF, 8.25" x 14" SEF, 8.25" x 13" SEF, 8" x 13" SEF, Executive SEF/LEF, HLT SEF/LEF, 8K SEF, 16K SEF/LEF, 11" x 15" SEF, 11" x 14" SEF, 10" x 15" SEF
Paper weight	52.3–256 g/m^2
Bypass tray	
Paper capacity	100 sheets
Paper size	13" x 19.2" SEF, 13" x 19" SEF, 12.6" x 19.2" SEF, 12.6" x 18.5" SEF, 13" x 18" SEF, SRA3 SEF, 12" x 18" SEF, SRA4 SEF/LEF, A3, B4, A4, B5, A5, B6, A6, 12" x 18", DLT, LG, LT, HLT, F/F4, C6, Com10, Monarch, C5, DL Envelope Custom paper size— 90–330.2 mm x 139.7–1,260 mm
Paper weight	52.3–300 g/m^2

SPDF		
Stack capacity		220 sheets 44 sheets—with optional Small Paper Feeding Unit Type M37
Original paper size	Simplex	A3, A4, A5, B4, B5, B6, DLT, LG, LT, HLT 76–105 mm x 148–218 mm / 3.0"–4.1" x 5.8"–8.6"—with optional Small Paper Feeding Unit Type M37
	Duplex	A3, A4, A5, B4, B5, LG, LT, HLT, DLT 76–105 mm x 148–218 mm / 3.0"–4.1" x 5.8"–8.6"—with optional Small Paper Feeding Unit Type M37
Original paper weight	Simplex	40.7–128 g/m^2 64–128 g/m^2—with optional Small Paper Feeding Unit Type M37
	Duplex	52.8–128 g/m^2 64–128 g/m^2—with optional Small Paper Feeding Unit Type M37
Dimensions (W x D x H)		587 x 520 x 175 mm / 23.11" x 20.47" x 6.89"
Weight		13.9 kg / 30.7 lb
Power consumption		60 W or less
Duplex unit		
Paper weight		52.3–256 g/m^2

Optional paper input

Small Paper Feeding Unit Type M37—for SPDF	
Stack capacity	44 sheets
Original size	76–105 mm x 148–218 mm // 3.0"–4.1" x 5.8"–8.6"
Paper weight	64–128 g/m^2
Dimensions (W x D x H)	218 x 173 x 55 mm / 8.6" x 6.8" x 2.2"
Weight	0.19 kg / 0.42 lb

4,400-sheet LCT RT4060	
Paper capacity	4,400 sheets
Paper size	A4 LEF, B5 LEF, LT LEF
Paper weight	52–216 g/m²
Dimensions (W x D x H)	352 x 540 x 625 mm / 13.86" x 21.26" x 24.61"
Weight	21.3 kg or less / 47 lb or less
Power consumption	50 W or less

2,200-sheet LCT RT4070 (A3/DLT)	
Paper capacity	2,200 sheets
Paper size	A5–SRA3++, HLT–13"x 19.2" Custom paper size—100–330.2 mm x 139.7–487.7 mm
Paper weight	52.3–300 g/m²
Dimensions (W x D x H)	869 x 730 x 658 mm / 34.2" x 28.7" x 25.9"
Weight	83 kg or less / 183 lb or less
Power consumption	85 W or less

A3/11" x 17" Tray Type M26	
Paper capacity	1.000 sheets
Paper size	A3, B4, A4, B5, A5 12" x 18", 11" x 17" SEF, 8.5" x 14" SEF, 8.5 x 11", 5.5" x 8.5"
Dimensions (W x D x H)	520 x 514 x 207 mm / 20.5" x 20.2" x 8.1"
Weight	11 kg / 24 lb

Optional paper output

Copy Tray Type M42	
Paper capacity	500 sheets

Paper size	A6 SEF–13" x 19.2" Custom paper size—90–330.2 mm x 139.7–487.7 mm / 3.5"–13.0" x 5.5"–19.2"
Paper weight	52.3–360 g/m^2
Dimensions (W x D x H)	350 x 513 x 192 mm / 13.78" x 20.20" x 7.56"
Weight	2.2 kg or less / 4.85 lb or less
9-Bin Mailbox CS4010	
Paper capacity	100 sheets per bin
Paper size	A5–A3 / HLT–DLT
Paper weight	60–128 g/m^2
Dimensions (W x D x H)	540 x 600 x 660 mm / 21.26" x 23.62" x 25.98"
Weight	15 kg or less / 33.07 lb or less
Power consumption	48 W or less

Cover Interposer Tray CI4050		
Stack capacity		400 sheets (200 sheets x 2 trays)
Paper size		A5–SRA3++ / HLT–13" x 19.2"
Paper weight		64–216 g/m²
Original set	Set position	Center
	Position	Face up–starts printing from top sheet
Dimensions (W x D x H)		540 x 730 x 1,270 mm / 19.69" x 28.74" x 50"
Weight		45 kg or less / 99.21 lb or less
Power consumption		84 W or less
Output Jogger Type M25		
Shift capacity		20 sheets
Paper size		A5 LEF, B5 LEF, A4 LEF, A4 SEF, B4 SEF, A3 SEF HLT LEF, LT LEF, LT SEF, LG SEF, DLT SEF, 12"x 18", 13" x 19.2"
Paper weight		52–300 g/m²
Dimensions (W x D x H)		143 x 539 x 218 mm / 5.63" x 21.22" x 8.58"
Weight		2 kg or less / 4.41 lb or less
Power consumption		15 W or less

specifications

Multi-Folding Unit FD4020		
Paper size	Z-fold	A4, B4, A3 8.5" x 11", 8.5" x 14", 17" x 11", 12" x 18", 8.5" x 13.4"
	Half-fold	B5, A4, B4, A3, SRA3, SRA4 8.5" x 11", 8.5" x 14", 17" x 11", 12" x 18", 12.6" x 18.5", 12.6" x 19,2", 13"x 18", 13" x 19", 13" x 19.2", 8.5" x 13.4"
	Letter-fold, double parallel-fold, gate-fold	B5, A4, B4, A3 8.5" × 11", 8.5" x 14", 17" x 11", 12" x 18", 8.5" x 13.4"
Paper weight	Single-sheet mode	64–105 g/m^2
	Multiple-sheet mode	64–80 g/m^2
Folding type	Single -sheet mode	Z-fold, Half-fold, Letter fold-in, Letter fold-out, Double Parallel, Gate-fold
	Multiple-sheet mode	Half-fold, Letter fold-in, Letter fold-out—up to 3 sheets
Dimensions (W x D x H)		470 x 730 x 980 mm / 18.50" x 28.74" x 38.58"
Weight		92 kg / 202.82 lb
Power consumption		240 W

specifications

Multi-Folding Unit FD4010		
Paper size	Z-fold	A4, B4, A3 8.5" x 11", 8.5" x 14", 17" x 11", 12" x 18", 8.5" x 13.4"
	Half-fold	B5, A4, A4 LEF, B4, A3, SRA3, SRA4 8.5" x 11", 8.5" x 11"LEF, 8.5" x 14", 17" x 11", 8.5" x 13.4", 12" x 18", 12.6" x 8.5", 13" x 18", 13" x 19", 12.6" x 19.2", 13" x 19.2"
	Letter fold-in	A4, A3 8.5" x 11", 8.5" x 14", 17" x 11", 8.5" x 13.4"
	Letter fold-out	A4, A3, B4 8.5" x 11", 8.5" x 14", 17" x 11", 8.5" x 13.4"
Paper weight	Single -sheet mode	64–105 g/m^2
	Multiple- sheet mode	64–80 g/m^2
Folding type	Single -sheet mode	Z-fold, Half-fold, Letter fold-in, Letter fold-out
	Multiple-sheet mode	Letter fold-in, Letter fold-out—up to 3 sheets
Dimensions (W x D x H)		209 x 730 x 980 mm / 8.23" x 28.74" x 38.58"
Weight		45 kg or less / 99.21 lb or less
Power consumption		60 W or less

2,000-sheet Booklet Finisher SR4160			
Stack capacity	Proof tray	A4, LT or smaller	250 sheets
		B4, LG or larger	50 sheets
	Shift tray	A4 LEF, LT LEF	2,000 sheets
		A3 SEF, A4 SEF, B4 SEF, B5, DLT SEF, LG SEF, LT SEF,12"x 18" SEF, SRA3 SEF, 13" x 19.2" SEF	1,000 sheets
		A5 LEF	500 sheets
		A5 SEF, B6 SEF, A6 SEF, HLT SEF	100 sheets
		182–488 mm / 7.2"–19.2"	1,000 sheets
		148–182 mm / 5.8"–7.2"	500 sheets
	Normal staple sort	A4 LEF, LT LEF	2–12 sheets/set—150 sets 13–65 sheets/set—30–150 sets 2,000 sheets maximum
		A4 SEF, LT SEF, B5	2–9 sheets/set—100 sets 10–65 sheets/set—15–100 sets 1,000 sheets maximum
	Saddle stitch staple sort		2–5 sheets/set—30 sets 6–10 sheets/set—15 sets 11–15 sheets/set—10 sets 16–20 sheets/set—6 sets
Paper size	Proof tray		A3 SEF–A5, B6 SEF, A6 SEF, 12" x 18" SEF, HLT–DLT SEF, SRA3 SEF, 13" x 19.2" SEF
	Shift tray		A3 SEF–A5, B6 SEF, A6 SEF, 12" x 18" SEF, HLT–DLT SEF, SRA3 SEF, 13" x 19.2" SEF
	Custom paper size		90 x 139.7 mm–330.2 x 487.7 mm / 3.5" x 5.5"-13.0" x 19.2"

specifications

2,000-sheet Booklet Finisher SR4160 (continued)			
Paper weight	Proof tray		52–220 g/m²
	Shift tray		52–360 g/m²
Stapler	Staple capacity	Normal staple—same and mixed paper size	65 sheets
		Saddle stitch staple	20 sheets
	Staple paper size	Normal staple	B5 SEF–A3 SEF LT–DLT SEF
		Saddle stitch staple	B5–A3 SEF, SRA3 LT–DLT SEF 12" x 18", 13"x 18"SEF Custom paper size—182–330 mm x 257–457 mm / 7.2"–13.0" x 10.1" –18.0"
	Staple paper weight	Normal staple	52–105 g/m²
		Saddle stitch staple	64–105 g/m²
	Staple positions		Top, bottom, 2 staple, top slant, bottom slant, booklet
	Staple cartridge capacity	Normal staple	5,000 staples per cartridge
		Saddle stitch staple	2,000 staples per cartridge
Punch unit	Punch paper size	2 holes—NA	SEF—A5– A3, HLT– DLT LEF—A5–A4, HLT, LT
		3 holes—NA	SEF—B4, A3, DLT LEF—A4, B5, LT
	Punch paper weight		52–256 g/m²
Dimensions (W x D x H)			657 x 730 x 980 mm / 25.87" x 28.74" x 38.59"
Weight			58 kg or less 61 kg or less—with punch unit 127.9 lb or less 134.5 lb or less—with punch unit
Power consumption			67 W

3,000-sheet Finisher SR4150			
Stack capacity	Proof tray	A4, LT, or smaller	250 sheets
		B4, LG, or larger	50 sheets
	Shift tray	A4 LEF, LT LEF	3,000 sheets
		A3 SEF, A4 SEF, B4 SEF, B5, SRA3 SEF DLT SEF, LG SEF, LT SEF, 12" x 18" SEF, 13" x 19.2" SEF	1,500 sheets
		A5 /HLT LEF	500 sheets
		A5 SEF, B6 SEF, A6 SEF, HLT SEF	100 sheets
		182–488 mm / 7.2"–19.2"	1,500 sheets
		148–182 mm / 5.8"–7.2"	500 sheets
	Normal staple sort	A4 LEF, LT LEF	2–19 sheets/set—150 sets 20–65 sheets/set—46–150 sets 3,000 sheets maximum
		A4 SEF, B5, LT SEF	2–14 sheets/set—100 sets 15–65 sheets/set—23–100 sets 1,500 sheets maximum
		Other paper sizes	2–14 sheets/set—100 sets 15–65 sheets/set—23–100 sets 1,500 sheets maximum
	Mixed paper size	A4 LEF and A3 SEF, B5 LEF and B4, LT LEF and DLT SEF	2–65 sheets/set—23 sets
Paper size		Proof tray	A3 SEF–A5, B6 SEF, A6 SEF, SRA3 SEF, 12" x 18" SEF, HLT–DLT SEF, 13" x 19.2" SEF
		Shift tray	A3 SEF–A5, B6 SEF, A6 SEF, SRA3 SEF, 12" x 18" SEF, HLT–DLT SEF, 13" x 19.2" SEF
		Custom paper size	90 x 139.7 mm–330.2 x 487.7 mm / 3.5" x 5.5"–13.0" x 19.2"

3,000-sheet Finisher SR4150 (continued)			
Paper weight		Proof tray	52–220 g/m²
		Shift tray	52–360 g/m²
Stapler	Staple capacity	Same paper size	65 sheets
		Mixed paper size—A4 LEF and A3, B5 LEF and B4, LT LEF and DLT	65 sheets
	Staple paper size		B5 SEF–A3 SEF LT–DLT SEF
	Staple paper weight		52–105 g/m²
	Staple positions		Top, bottom, 2 staple, top slant
	Staple cartridge capacity		5,000 staples per cartridge
Punch unit	Punch paper size	2 holes—NA	SEF—A5–A3, HLT–DLT LEF—A5– A4, HLT, LT
		3 holes—NA	SEF—B4, A3, DLT LEF—A4, B5, LT
	Punch paper weight		52–256 g/m²
Dimensions (W x D x H)			657 x 730 x 980 mm / 25.87" x 28.74" x 38.58"
Weight			38 kg or less 41 kg or less—with punch unit 83.8 lb or less 90.4 lb or less—with punch unit
Power consumption			67 W

specifications

3,000-sheet Finisher SR4140				
Stack capacity	Proof tray	With z-folding		30 sheets
		Without z-folding	A4, 8.5" x 11" or smaller	500 sheets
			B4, 8.5" x 11" or larger	250 sheets
	Shift tray	With z-folding		30 sheets
		Without z-folding	A4 LEF, B5 LEF, 8.5" x 11" LEF	3,000 sheets
			A3, A4 SEF, B4, B5 SEF, 11" x 17", 8.5" x 14", 8.5" x 11"	1,500 sheets
			SRA3, 12" x 18", 13" x 19"	1,000 sheets
			A5 LEF, 5.5" x 8.5" LEF	500 sheets
			A5 SEF, 5.5" x 8.5" SEF	100 sheets
		Normal staple sort	A4, B5, 8.5" x 11"	2–9 sheets/set—150 sets 10–100 sheets/set—30–200 sets
			A3, B4, /11"x 17", 8.5" x 14"	10–50 sheets/set—30–150 sets
			11"x 17", 8.5" x 14"	2–9 sheets/set—150 sets
		With z-folding	A4 and A3, B5 and B4, 8.5" x 11" LEF and 11" x 17" SEF	2–50 sheets/set—30 sets
Paper size		Proof tray	With z-folding	A3, B4, A4 SEF, 11" x 17" ,8.5" x 14", 8.5" x 11" SEF
			Without z-folding	A6 SEF–A3, B6 SEF, SRA3 5.5" x 8.5" LEF–11" x 17", 12"x 18", 13" x 19"
		Shift tray	With z-folding	A5 SEF–A3, SRA3 5.5" x 8.5" LEF–11"x 17", 12"x 18", 13" x 19"
			Without z-folding	A3, B4, A4 SEF, 11"x 17" ,8.5" x 14", 8.5" x 11" SEF

3,000-sheet Finisher SR4140 (continued)			
Paper weight	Proof tray	With z-folding	64–105 g/m²
		Without z-folding	52–216 g/m²
	Shift tray	With z-folding	64–105 g/m²
		Without z-folding	52–300 g/m²
Stapler	Staple capacity	A4, B5, LT	2–100 sheets
		A3, B4, DLT, LG	2–50 sheets
		Z-folded paper	1 z-folded sheet with 0–90 non z-folded sheets
			2 z-folded sheets with 0–80 non z-folded sheets
			3 z-folded sheets with 0–70 non z-folded sheets
			4 z-folded sheets with 0–60 non z-folded sheets
			5 z-folded sheets with 0–50 non z-folded sheets
			6 z-folded sheet with 0–40 non z-folded sheets
			7 z-folded sheets with 0–30 non z-folded sheets
			8 z-folded sheets with 0–20 non z-folded sheets
			9 z-folded sheets with 0–10 non z-folded sheets
			10 z-folded sheets with 0 non z-folded sheets
	Staple paper size	With z-folding	A3, B4, 11" x 17"
		Without z-folding	A3–B5, 11" x 17"–8.5" x 11"
	Staple paper weight		64–80 g/m²
	Staple positions		Top, bottom, 2 staples, top slant

	Staple cartridge capacity		5,000 staples per cartridge

3,000-sheet Finisher SR4140 (continued)			
Punch unit	Punch paper size	2 holes—NA, EU	A6 SEF—A3 SEF 5.5" x 8.5" SEF–11"x 17" SEF A5 LEF—A4 LEF 5.5" x 8.5" LEF, 8.5" x 11" LEF
		3 holes—NA	A3 SEF, B4 SEF 11" x 17" SEF A4 LEF, B5 LEF 8.5" x 11" LEF
	Punch paper weight		52–300 g/m^2
Dimensions (W x D x H)			806 x 730 x 980 mm / 31.73" x 28.74" x 38.58"
Weight			77 kg or less /169.8 lb or less
Power consumption			100 W

Supported environments

Windows	Edition
Windows 7	Home Premium
	Professional
	Ultimate
	Enterprise
Windows Server 2008	Standard Edition
	Enterprise Edition
	Standard Edition without Hyper-V
	Enterprise Edition without Hyper-V
Windows Server 2008 R2	Standard Edition
	Enterprise Edition
Windows 8.1	Windows 8.1
	Pro
	Enterprise
Windows Server 2012/2012 R2	Foundation
	Essentials
	Standard
Windows 10	Home
	Pro
	Enterprise
	Education
Windows Server 2016	Essentials
	Standard
	Datacenter
	MultiPoint Premium Server

Windows (continued)	Edition
Windows Server 2019	Essentials
	Standard
	Datacenter

Point and Print Server	Client
Windows Server 2008/2008 R2 Windows 7 Windows 8.1 Windows Server 2012/2012 R2 Windows 10 Windows Server 2016 Windows Server 2019	Windows 7 Windows 8.1 Windows 10

Citrix support[1]	PCL 5c, PCL 6, PostScript 3
Windows Server 2016 and XenApp 7.15 LTSR Win Server 2016 + Citrix VirtualApps/Desktops 7 1808, 1811, 1903, 1906	Yes

Macintosh	
OS X Native	v10.12 or later—PostScript 3 only

UNIX	
Sun Solaris	10
HP-UX	11.x, 11iv2, 11iv3
Red Hat Linux	Enterprise v4, v5, v6
SCO OpenServer	5.0.7, 6.0
IBM AIX	6.1, 7.1, 7.2

SAP	
Environment	R/3, S/4
Platform	SAP R/3 (Release versions 3.0 and higher), SAP R/3 Enterprise, mySAP ERP (2004 and higher), SAP HANA
Page Description Language (PDL)	PCL
Character set	Latin-1, Latin-2, Unicode

SAP (continued)	
Barcode fonts	Code 128, Code 39, Code 93, Codabar, 2 of 5 interleaved/Industrial/Matrix, MSI, USPS, PostNet, UPC/EAN
OCR fonts	OCR A, OCR B
Supported features	Input/Output Bin, Duplex, Stapling, Punching, Resolution, Collation, EconoMode / TonerSaving, Smoothing, Page Protect, Auto Tray Change/Optional Tray Select, User Authentication

[1]—Citrix support requires Windows Server with Terminal Services, check with your Citrix administrator for compatibility information

Note: Refer to your technical support for further details.

Software and solutions

Please refer to the Software Portfolio Selection Tool (SPST) for a list of compatible software solutions.

Accessibility features

Accessibility need	Supported feature
Visual and auditory	Printer driver screen reader Web Image Monitor screen reader—supported with exceptions Manual screen reader Simplified display Easy to hear auditory output Easily distinguishable LEDs Barrier-free color management
Seated users	Tiltable operation panel
Arm or mobility disabilities	Normal and reverse grip on tray handles Light touch operation of paper trays Remote operation panel

Environmental features

Feature			IM C6500	IM C8000
Power source			120–127 V, 16A, 60 Hz	208–240V, 12A, 60 Hz
	Mainframe, maximum (guaranteed)		1,920 W	2,400 W
	Operating (nominal)	Black and white	1,178.2 W	1,354.1 W
		Color	1,326.9 W	1,480.5 W
	Ready Mode (nominal)		185.65 W	191.12 W
	Low Power Mode		162 W	171 W
	Energy Saver Mode (Sleep Mode) (nominal)		0.62 W	0.74 W
Typical Electricity Consumption (TEC)			1.217 kWh	1.681 kWh
Warm-up time (nominal)			45 seconds	40 seconds
Recovery time	Low Power Mode		9.1 seconds	7.9 seconds
	Energy Saver Mode (Sleep Mode)		42 seconds	38 seconds
Shift time	Low Power Mode		15 minutes	
	Energy Saver Mode (Sleep Mode)		40 minutes—default	
Sound power level	Standby/Energy Saver Mode (Sleep Mode)		47.7 dB	
	Mainframe—copying	Black and white	67.8 dB	69.3 dB
		Color	68.7 dB	70.3 dB
	Full system		73.5 dB	75.2 dB
Sound pressure level	Standby/Energy Saver Mode (Sleep Mode)		34.5 dB	

	Mainframe	Black and white	52.9 dB	54.9 dB
		Color	54.6 dB	56.5 dB
		Full system	60 dB	62.4 dB
Emission levels	Benzene	Black and white	0.05 mg/h or less	
		Color	0.05 mg/h or less	
	Styrene	Black and white	1.0 mg/h or less	
		Color	1.8 mg/h or less	
	Ozone	Black and white	1.5 mg/h or less	
		Color	3.0 mg/h or less	
	Dust	Black and white	4.0 mg/h or less	
		Color	4.0 mg/h or less	
	Test conditions	IM C8000, 230 V, A4T, 800 page printing 750 × 880 × 1,225 mm / 29.5" x 34.7" x 48.3" (W x D x H)		

Total Volatile Organic Compounds (TVOC)	Printing	Black and white	10 mg/h or less
		Color	18 mg/h or less
	Ready Mode		2.0 mg/h or less
Energy saving standards			Energy Star 3.0, EPEAT GOLD
Safety standards			UL60950-1/UL62368-1
Identification of plastic components			All plastic components are identified in accordance with ISO 11469 standard
Other supported features			Eco-friendly indicator screen, System reset timer

FAQ

Frequently Asked Questions (FAQ)

The section includes selected FAQs related to the products presented in this document.

Q. What are the main differences from the previous devices?

A: These new devices support a host of the latest Ricoh offerings such as RICOH Always Current Technology, RICOH Intelligent Support, and RICOH Smart Integration, which allow us to meet the ever-changing needs of customers. Together, this suite of features enables customers to keep their device up to date with periodic feature upgrades without having to buy a new device, maximize uptime with proactive device support, and add software solutions and cloud services to optimize their document management workflows.

They are also equipped with the latest Smart Operation Panel (G2.5) which offers a revamped user interface and smoother touch response.

Also available are new paper handling options such a slim-line and standard size multi-folding unit, small paper feeding unit for the SPDF, finishers, and booklet finisher.

Additionally, there are some minor improvements to the duplex scanning speed via SPDF, controller features, and support for the latest network operating systems. Apart from these, most operational aspects remain unchanged.

Q: Why would my customer need the optional Small Paper Feeding Unit Type M37?

A: When scanning small size documents via the SPDF, the paper can sometimes shift during its route through the paper path, resulting in skewed images. The small paper feeding unit delivers more reliable feed of small paper size through the guide plates to keep the document properly aligned during the entire feeding process. This option is ideal for customers who scan small size documents such as bank cheques and application slips.

Q: What is the Page Keeper Type M37 option?

A: It is a double feed detection unit that prevents more than one page from being scanned at a time. This option is useful for customers, such as law firms or print shops, who require accuracy when scanning documents with a large number of pages at once.

Q: What are the main differences between the Multi-Folding Unit FD4010 and Multi-Folding Unit FD4020?

A: The Multi-Folding Unit FD4010 is a slim-line option that has a width of just 209 mm / 8.23". It enables the in-house production of Z-fold, half fold, letter fold-in, and letter fold-out documents.

In comparison, the Multi-Folding Unit FD4020 measures 470 mm / 18.50" wide and supports double-parallel fold and gate fold in addition to the folding types listed above.