

SHARP

Be Original.

MX-4050N
MX-3550N
MX-3050N

Digital Full Colour Multifunctional System



**Fast and Fuss-Free MFPs to
Streamline Your Business**

simply better **business**

Fast, Full-Function Colour MFPs for Simply Better Business

Sharp's next-generation full-colour MX-4050N/3550N/3050N MFPs are packed with state-of-the-art technologies that add new value to your workflow. Thanks to the user-friendly design of these MFPs—including a new Easy UI mode—a wide variety of users can access their advanced functions easily and intuitively. Adding one of these high performers to your talent pool is a great way to make your business grow.



Home screen



Business owners / directors

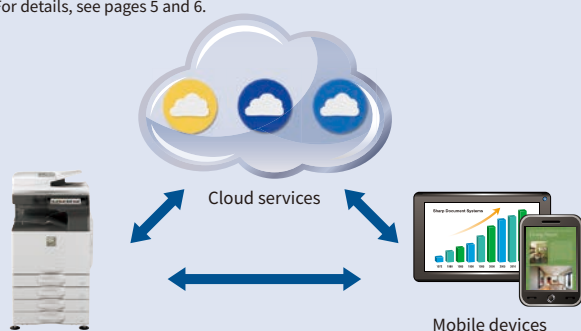
Simply Better Process

Transform the way you use information in your business by connecting one of these new MFPs to a variety of mobile devices and cloud services. Now you don't have to be confined to the office—you and your team can work anytime, anywhere. The amazing flexibility of these Sharp MFPs can help you grab new business opportunities and boost your bottom line.

Link to Public Cloud and Mobile Printing Services*

These MFPs enable single sign-on for easy access to public cloud services such as Google Drive™, OneDrive® for Business, and SharePoint® Online. They also support mobile printing services such as Google Cloud Print™, AirPrint, Mopria™, and Sharp Print Service Plugin.

* For details, see pages 5 and 6.



Office Direct Printing*

Print common Microsoft® Office files without using a PC. With a MX-4050N/3550N/3050N, you can print a Word, Excel®, or PowerPoint® file directly from a mobile device, cloud service, USB drive, or file server.

* Requires optional MX-PU10. The actual printout may look different than what is displayed on the computer screen. This function is enabled via DirectOffice™ technology.





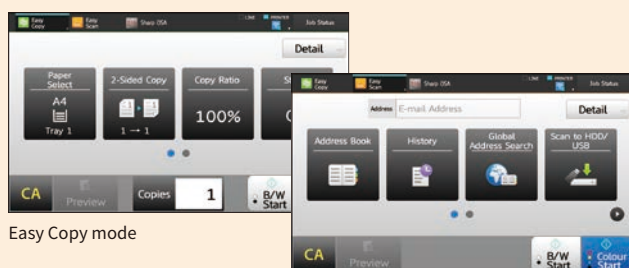
Office users

Simply Better Experience

Sharp's proprietary technologies give each of these MFPs quick warm-up and first copy times. Thanks to their intuitive operation, quick recovery from standby, and superb usability, the MX-4050N/3550N/3050N simplify even the most complex work processes and help you finish document jobs fast.

Easy User Interface

The intuitive Easy UI mode makes it easy for anyone to use the MFP's advanced functions. In this mode, simple function icons are displayed on the 10.1-inch colour LCD touchscreen. Each user can customise the home screen by drag-and-dropping icons for commonly used functions, making for smoother, more efficient operation.



Easy Copy mode

Easy Scan mode

Fast Wake Up from Sleep Mode

These MFPs recover quickly from energy-saving Sleep mode. Placing a document in the RSPF or touching the LCD control panel wakes the MFP up in just one second*. This helps to minimise waiting time and get your jobs done faster.

* When in Fast Wake Up mode.



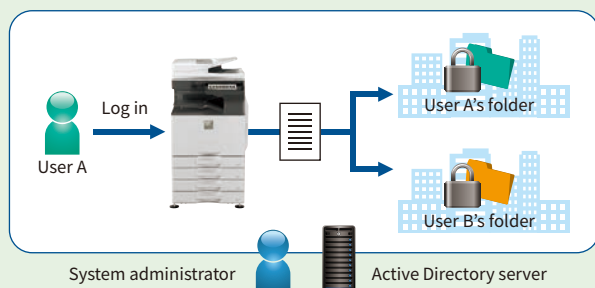
IT managers / administrators

Simply Better Admin

These MFPs fit securely and seamlessly into your office system. An advanced security environment and new, easily viewable administration tools reduce the workload for system administrators and give full support to their management duties.

Secure Access Control

The MX-4050N/3550N/3050N support the **Active Directory**® service, which lets you use the machine's log-on credentials for internal network folders. System administrators can easily keep track of user credentials, which makes for an efficient and highly secure operational environment. And with **single sign-on**, you can access internal network folders by simply logging into the MFP—there's no need to re-enter your IDs and passwords.



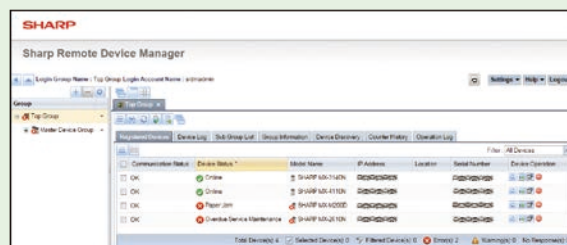
System administrator

Active Directory server

Integrated Device Management

As a system administrator, you can get the most out of a Sharp document system by using Sharp's efficiency-boosting device management tools. From a single location, you can use Sharp Remote Device Manager* (SRDM) to manage multiple Sharp MFPs. This includes everything from system setup, user access, and security settings to troubleshooting and maintenance. It's quick. It's effective. And it takes the hassle out of MFP management.

* Contact a Sharp customer representative for availability and other details.



Sharp Remote Device Manager

EASE OF USE

The smartly designed MX-4050N/3550N/3050N set the standard for usability. Ergonomic and intuitive features ensure everyone can enjoy stress-free operation of the MFP.

10.1-Inch Colour LCD Touchscreen

A user-friendly touchscreen interface incorporating a new Easy UI mode makes it easy and intuitive to operate the MFP. The Advanced Preview function, meanwhile, lets you check document finishes and page layout in advance, edit pages easily, and preview documents in various modes.



Preview mode (3D)



Edit mode (rotate)

Direct Printing*/Scanning with USB Drives

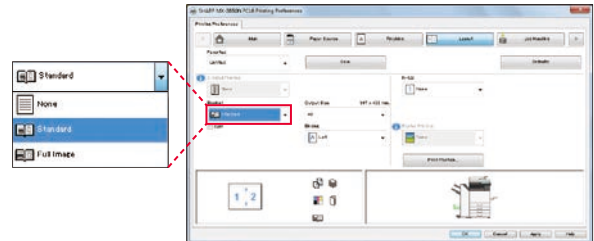
Insert a USB drive into the MFP and a print/scan command screen will automatically pop up on the LCD. Right away you can print files from the USB drive—which are displayed as thumbnails—or you can scan documents directly to the USB drive.



* Direct printing of PDF files requires optional MX-PK13; direct printing of Microsoft Office files (pptx, xlsx, docx) requires optional MX-PU10.

Printer Driver with Easy Setup

The printer driver setup window features a simple design that includes larger buttons and drop-down menus, making it easier than ever to use printer functions.



LED Status Lamps

Next to the control panel are two LED lamps: one red, one green. These light up to notify you—even from a distance—of the status of the machine.

3 LED lamp modes

Job status mode

Machine status mode

Accessibility mode*

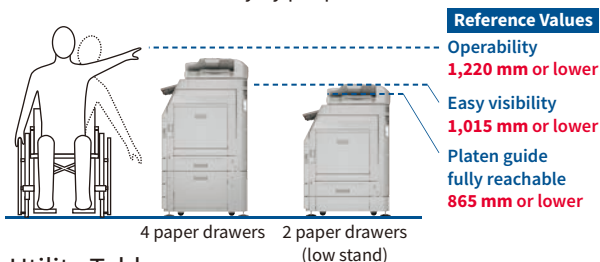
* Indicates whether documents have been properly set in the document feeder



Universal Design

Accessibility

These MFPs comply with the accessibility guidelines outlined in US Section 508 and EU Mandate 376. This means that all user aspects—from the heights of the control panel and glass platen to the readability of the LCD—have been designed with consideration for usability by people with disabilities.



Utility Table

An optional Utility Table gives you a handy place to lay documents or a mobile device such as a tablet when you're working at the MFP. An IC card reader* can be built underneath the table.

* Commercially available



Lock-on Handles

The paper drawers on these MFPs feature easy-grip, lock-on handles. As well as enabling easy opening and closing, they ensure that the paper drawers close properly, thereby enhancing safety in the event of a disaster such as an earthquake.

Free-Tilting Control Panel

The control panel can be tilted freely at various angles for easy viewing and easy operation, even from a wheelchair. Having the control panel at the perfect viewing angle means you can reduce eye strain and avoid making input errors.



Remote Operation*

The Remote Operation function lets you display the MFP's main control panel on the screen of your PC or mobile device. From a remote location, you can then check MFP settings or reprint data stored on the MFP. This function also enables the administrator to guide an MFP user through necessary procedures and allows remote MFP operation from a wheelchair.

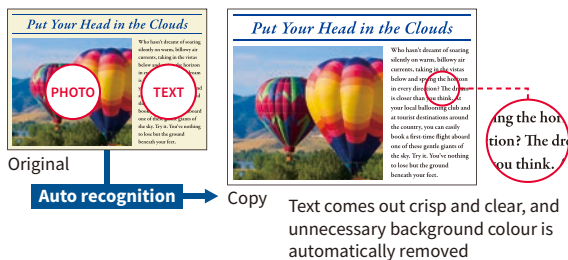
* Requires VNC application. Simultaneous remote operation from two or more PCs or mobile devices is not possible. Remote operation also depends on the network environment and applications being used. Contact a Sharp customer representative for details.

When it comes to image quality, the MX-4050N/3550N/3050N deliver a reliably excellent performance. Thanks to their outstanding precision and colour quality, these MFPs lend your documents a beautifully professional look.

Easy, High-Quality Copying and Scanning

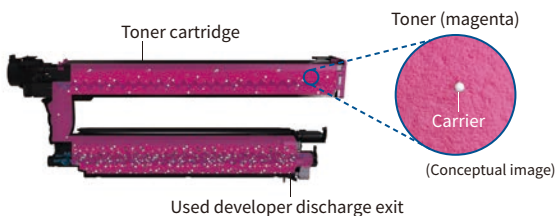
Through an advanced three-step process, **Auto Colour Mode** provides fully automated copying and scanning in both colour and B/W—with a simple press of the Start button. Here's how it works: **Auto Colour Selection** automatically determines whether a page is colour or B/W. **Auto Original Type Selection** then analyses page contents to distinguish between different components (such as photos and text) and selects the appropriate mode. Finally, **Background Suppression** automatically removes unnecessary background colour.

Auto Colour Mode



Developer Refresh System

By discharging old developer little by little and continuously replacing it with new developer, this system prevents developer deterioration and ensures stable print quality over the long term.



PCL 6 and True Adobe® PostScript® 3™

For better graphics handling, these MFPs support both PCL 6 and Adobe PostScript 3*. In addition, the PostScript driver allows you to use the dot screening technique so that you can emulate the high-quality printing of commercial offset printers.

* PostScript printing requires optional MX-PK13.

Crisp, Clear Text and Images

Digital smoothing technology delivers print resolution at the equivalent of 9,600 × 600 dpi, giving you ultra-clear image quality. Fine lines and small text come out looking crisper and easier to read.

PANTONE® Colour Matching

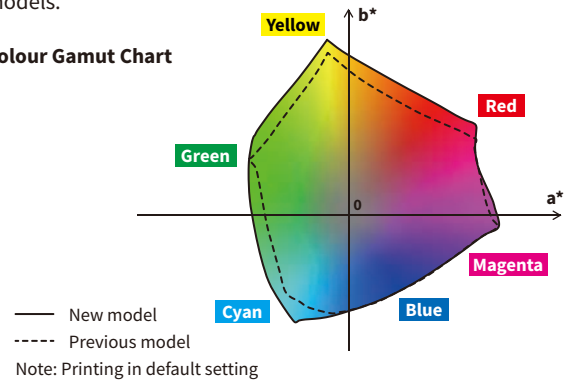
In colour-critical printing environments, these MFPs let you create professional-grade documents using the global-standard PANTONE MATCHING SYSTEM®. With this value-adding feature, Sharp MFPs bring high performance, reliability, and consistent colour quality to the job of producing business documents.



Wide Colour Gamut

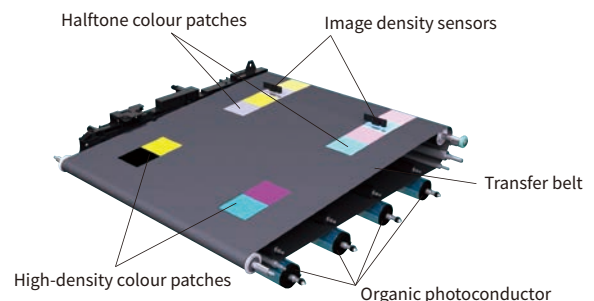
By thoroughly revamping the imaging process, Sharp was able to expand the colour gamut for these MFPs. As a result, colour reproduction is more faithful and vivid compared to previous models.

Colour Gamut Chart



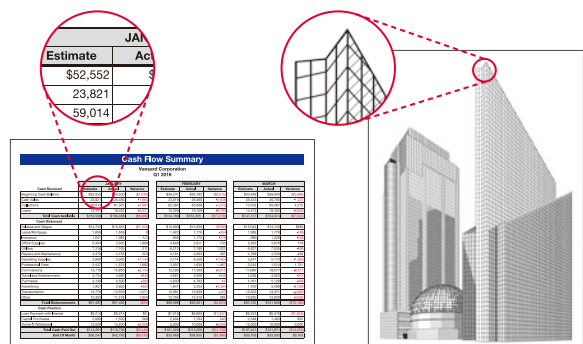
Auto Process Control

To maintain consistently high image quality during large-volume print jobs, these MFPs employ a periodic colour calibration system. Image density sensors read high-density and halftone colour patches and feed the information back to the image control unit. The MFP can then make adjustments to minimise colour variance between pages.



Line Width Adjustment

This function adjusts the width of lines. Fine lines, which are otherwise difficult to render properly, turn out sharp and crisp. Intricate line drawings, complex graphs and charts, and detailed spreadsheets are reproduced with exceptional quality and precision.



SECURE INFORMATION SHARING

Whether you're in the office or out and about, being able to share information easily and securely is vital to the smooth running of your business. Secure information sharing with a Sharp MFP transforms your working style and helps you grab new opportunities before they pass.

Link to Cloud Services*¹

An MX-4050N/3550N/3050N doesn't just connect to your local server. It also connects with cloud services directly from the MFP's control panel. You can upload scanned data to Google Drive, OneDrive for Business, or SharePoint Online—or print directly from any of them*². Using a cloud service like this can save you the time and cost of setting up and managing a server within your company. Once you log into the MFP, you can quickly access multiple software services without having to sign in to each one separately. It's a true time-saver that gets your document jobs finished faster.

*1: Requires optional MX-AMX2. *2: Direct printing of PDF files requires optional MX-PK13; direct printing of Microsoft Office files (pptx, xlsx, docx) requires optional MX-PU10.

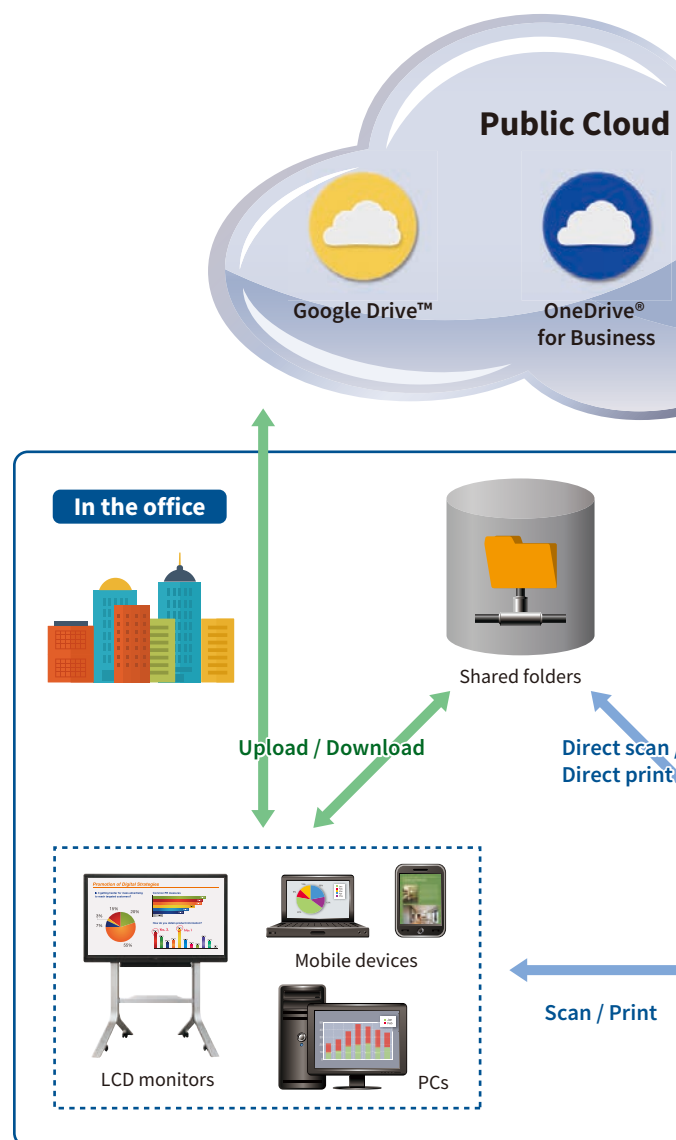
Link with Mail Servers

Scanned data can be conveniently sent via your regular Gmail™ or Microsoft Exchange account. Sending e-mail is as easy as choosing a recipient from your address book on the mail server. Scanned data that you send can be stored on the mail server with other sent items.

Sharp OSA* (Open Systems Architecture)

Innovative Sharp OSA technology allows you to interact with critical business and network applications right from the LCD control panel, offering a new realm of control and convenience. And since Sharp OSA utilises industry-standard network protocols, the MX-4050N/3550N/3050N can easily integrate with document management systems, enterprise resource planning software, workflow applications, and more. The latest version of Sharp OSA can reach beyond the firewall, enabling extensive system construction as well as services delivered over the Internet such as cloud services. In this way, Sharp OSA provides a foundation for cost reductions and information sharing across the entire company organisation—effectively enhancing total business efficiency.

* Requires optional MX-AMX2 and/or MX-AMX3.

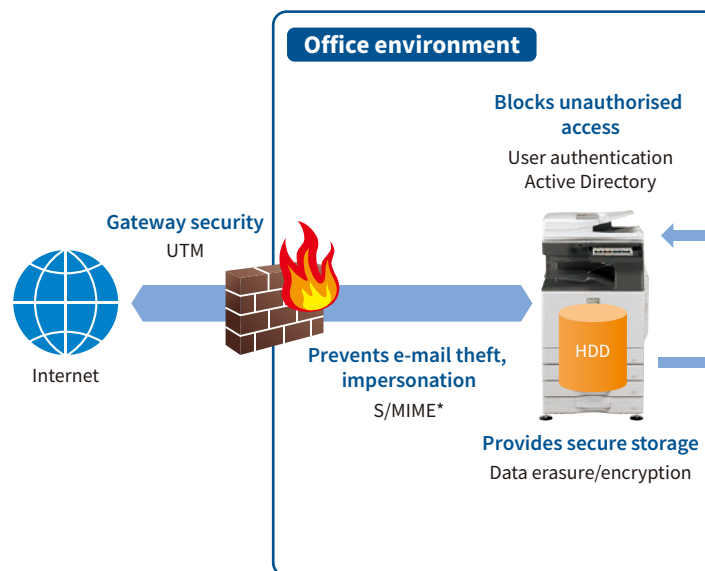


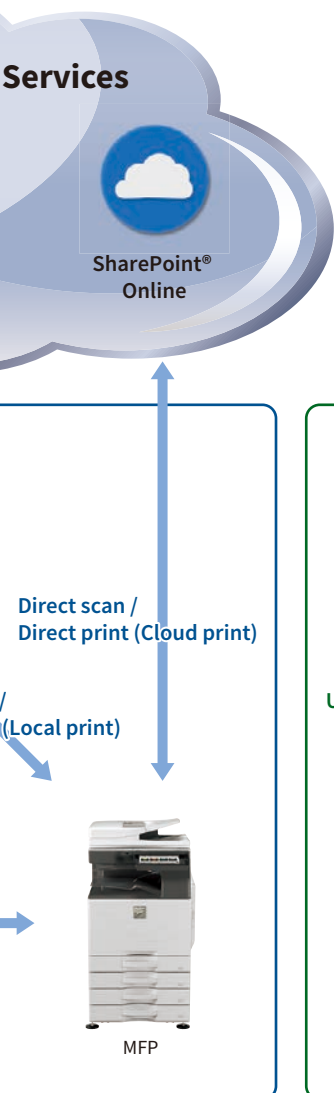
Multi-Layered Security

Sharp's powerful data security solutions protect your business assets and give you peace of mind. These MFPs safeguard your sensitive data by employing multiple levels of security functions covering a broad range of network and data security needs.

Network Security and Access Control

- **S/MIME** provides secure e-mail communications*
* Only when e-mailing scanned data.
- **SSL** (secure sockets layer) and **IPsec** data encryption technologies ensure secure network communications
- **User Authentication** covering up to 1,000 users prevents unauthorised MFP use by requiring access passwords
- **Active Directory** enables integrated management of user credentials, thereby providing a highly secure and efficient environment for system administrators





Two-Way Sharing with Mobile Devices

Connecting an MX-4050N/3550N/3050N to one or more mobile devices is easy, and it expands your options for sharing data. Not only can you send scanned documents to mobile devices such as smartphones and tablets, you can also print documents or photos sent from those devices.

Sharpdesk Mobile*

Sharpdesk Mobile is a mobile print/scan application that connects the MFP to mobile devices via wireless LAN.

* Availability varies by country/region. For details, see the Sharpdesk Mobile support Web site: http://sharp-world.com/products/copier/docu_solutions/mobile/sharpdesk_mobile/

Mobile Printing Services*

These MFPs support Google Cloud Print, AirPrint, Mopria, and Sharp Print Service Plugin.

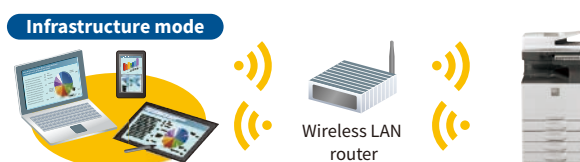
* Requires optional MX-PK13.

Wireless Connections*

These MFPs offer ultra-handry wireless access via two easy modes, enabling convenient access to the MFP even from places where a wired LAN is not available.

* Requires optional MX-EB18. Availability of this option varies by country/region.

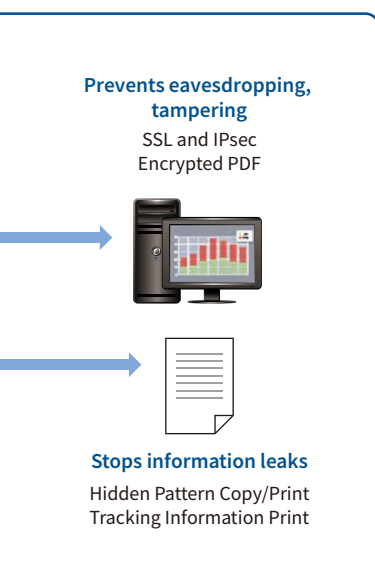
Infrastructure mode wirelessly connects the MFP to mobile PCs/devices via a commercially available wireless LAN router.



Access point mode wirelessly connects a LAN-wired MFP to mobile PCs/devices without going through a wireless LAN router.



Note: External networks cannot be accessed via the MFP. Up to five mobile devices can be wirelessly connected to the MFP at the same time.



Document Protection

- **Document Control** prevents unauthorised use of confidential documents by embedding copy prevention data in them

Note: Requires optional Data Security Kit. May not work with certain types of paper, documents (such as those with a large volume of photos), or MFP settings.

- **Hidden Pattern Copy/Print** embeds a watermark, such as "Confidential" or "Not for Copy," onto a document
- **Tracking Information Print** prints the MFP user's name, the date, job ID, and other specifics on printouts, making it possible to track documents

Data Protection

- Job data is automatically **encrypted** before being saved to the MFP's internal storage. Once a job is finished, its encrypted data is **erased** by up to 10 automatic overwrites.

Note: Contact a Sharp customer representative for details on activating this function.

- Retained data can be **initialised** when it's time to replace the MFP, preventing the leakage of confidential information

Whether a document job is big or small, you want to get it done quickly and efficiently. The superb performance of these MFPs promises you a smooth workflow and high productivity.

COPY/PRINT

Super-Efficient Colour and B/W Output

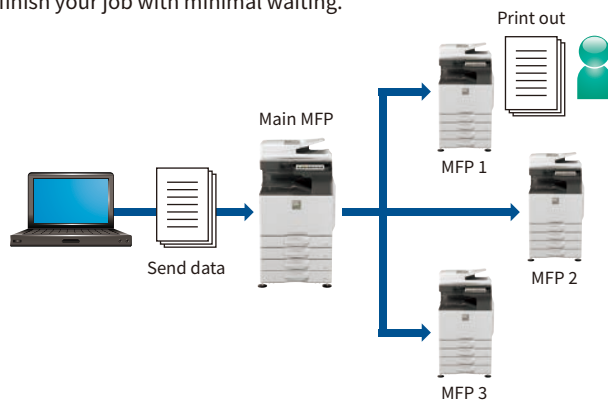
The MX-4050N/3550N/3050N deliver a fast output of 40/35/30 ppm* in B/W and in full colour. The first copy comes out in just 4.7 seconds in B/W and 6.7 seconds in full colour, saving you valuable time when performing multiple short-run jobs.

* A4 (8 1/2" x 11"), long-edge feeding



Print Release

The Print Release function lets you send documents to the main MFP, which acts as a server and stores them for printing out from any other MFP on the network. This function comes in handy when the main MFP is in use or under maintenance, letting you finish your job with minimal waiting.



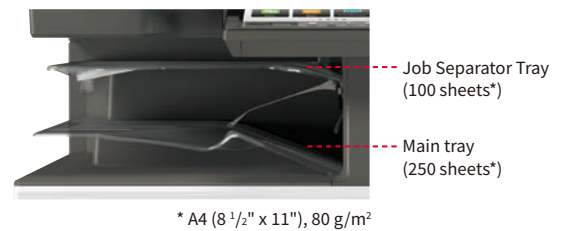
Versatile Paper Handling

Most of the MX-4050N/3550N/3050N's paper trays accommodate a wide variety of paper, in sizes up to SRA3 and in weights up to 300 g/m². These MFPs can also handle extra-long paper up to 1,300 mm*. In addition to plain paper, the MFPs accommodate a number of other paper types, including coated, textured, embossed, and removable adhesive paper. Such versatile paper handling expands the range of possible printing applications.

* Sharp recommends using the optional MX-LT10 for this function. Please contact a Sharp customer representative for details.

Job Separator Tray

The helpful Job Separator Tray option prevents copy/print/fax jobs from getting mixed together in the main tray by letting you send one of the job types to the Job Separator Tray.



* A4 (8 1/2" x 11"), 80 g/m²

Finisher Options

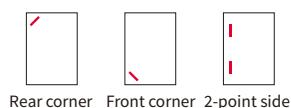
These MFPs offer plenty of finishing options to suit a variety of workplaces and applications.

| | MX-FN27 Finisher | MX-FN28 Finisher | MX-FN29 Saddle Stitch Finisher | MX-FN30 Finisher | MX-FN31 Saddle Stitch Finisher |
|-----------------------------------|---------------------|---------------------|-----------------------------------|---------------------|-----------------------------------|
| Max. paper capacity* ¹ | 500 sheets | 1,000 sheets | 1,000 sheets | 3,000 sheets | 3,000 sheets |
| Stapleless stapling | Yes | – | – | Yes | Yes |
| Manual stapling | Yes | – | – | Yes | Yes |
| Saddle stitching | – | – | Yes | – | Yes |
| Punching* ² | Yes | Yes | Yes | Yes | Yes |

*1: A4 (8 1/2" x 11"), 80 g/m²

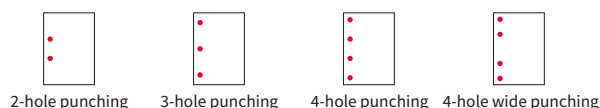
*2: Requires optional punch module

Stapling



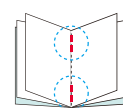
Rear corner Front corner 2-point side

Punching



2-hole punching 3-hole punching 4-hole punching 4-hole wide punching

Saddle stitching



Stapleless Stapler

To make paper recycling easy and to save on stapler costs, a staple-free stapler crimps the corners of paper to keep up to five sheets securely bound.



Manual Stapler

You can quickly staple documents at the MFP as needed without using a conventional stapler. A real time-saver if you want to, say, restaple documents that were unstapled for copying.



IMAGE SEND

High-Efficiency Scanning

The MX-4050N/3550N/3050N's standard-equipped 100-sheet RSPF (reversing single pass feeder) efficiently feeds in either one- or two-sided originals. With a scanning speed of up to 80 opm* (one-sided) for both colour and B/W documents, the MX-4050N/3550N/3050N can complete large jobs with ease and efficiency.

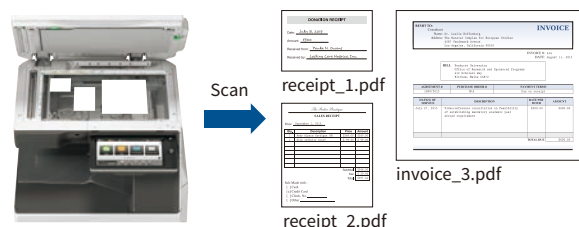
* Originals per minute; when feeding A4 (8 1/2" × 11") sheets



Advanced Scan Functions

Multicrop Function

The Multicrop function automatically creates separate files for multiple different-sized documents—such as receipts and bills—that are scanned simultaneously.



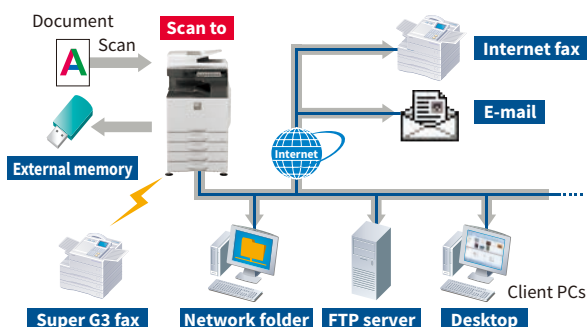
Compact PDF*

Converting scanned documents into compact PDF files helps to reduce network traffic and make more efficient use of disk and cloud storage.

* Requires optional MX-EB11.

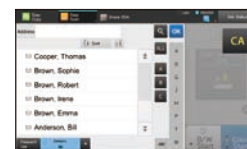
Multiple Distribution of Scanned Files

Scanned documents can be distributed in a number of ways: for example, you can send them as e-mail attachments or scan them directly to an FTP server or external memory for storage.



Address Book

The address book has an easy-to-see layout that includes new Frequent Use buttons, a separate Address list, and larger buttons, scroll bar, and text. This user-friendly design makes selecting the right scan/fax destinations more effortless than ever.



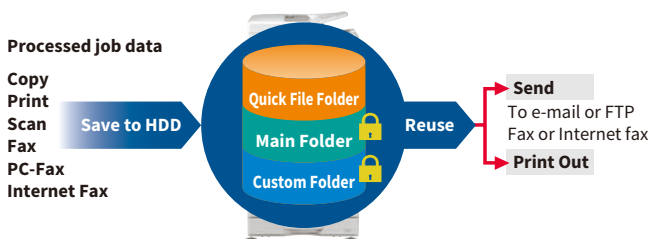
Versatile Fax Functions (option)

- **Super G3 Fax** function
- **Internet Fax** lets you economically send and receive faxes to and from other T-37-compliant Internet fax machines
- **PC-Fax** lets you send documents created on a PC directly to a recipient's fax machine via a phone line without printing to paper

Document Management

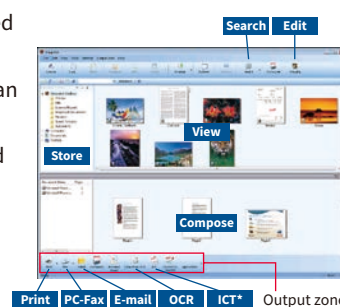
Document Filing

Document Filing allows processed data to be saved in designated folders on the MFP's hard disk. From there, it can be instantly recalled for printing and sending at a later time.



Sharpdesk

With Sharpdesk integrated document management software, scanned files can be organised, edited, converted, and combined with ease. What's more, Full Text Search makes it easy to retrieve your documents.



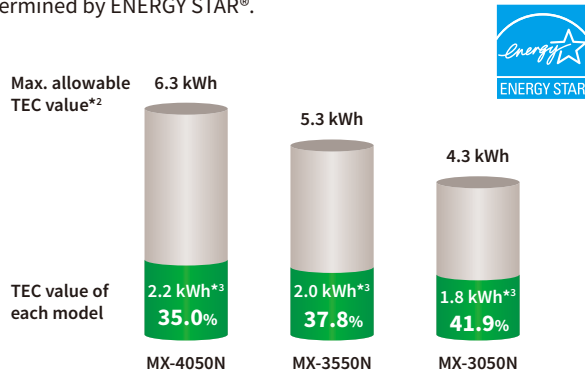
* Image Compression Tool for converting images into compact PDF files

ENVIRONMENT-FRIENDLY

With a view to minimising the environmental impact of its products, Sharp has applied its advanced technologies across all areas of these MFPs, including the hardware, firmware, electrical systems, and supplies.

Low TEC Value*¹

In every respect, these MFPs have been designed to deliver exceptional energy efficiency. As a result, they boast a TEC value that is significantly lower than the maximum allowable values determined by ENERGY STAR®.



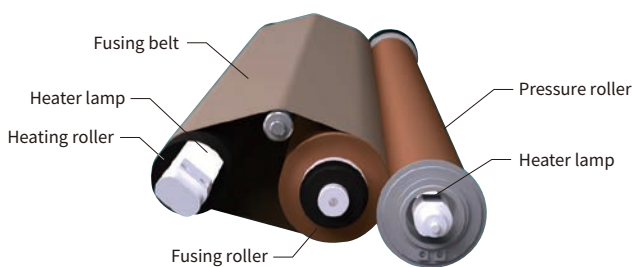
*1: Typical amount of energy consumed in a hypothetical week measured as stipulated under the ENERGY STAR programme.

*2: Maximum TEC value allowable under the latest ENERGY STAR programme (version 2.0).

*3: Measured at 230 V.

Quick-Heating Belt Fusing System

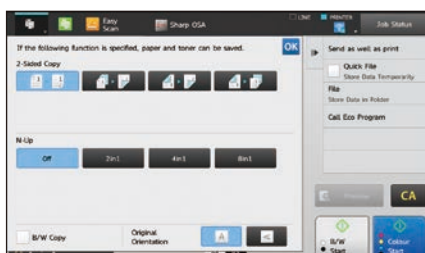
A newly developed quick-heating belt fusing system enables a short warm-up time of 10 seconds to reduce overall energy consumption.



Eco Recommendation

This function suggests environmentally friendly settings before a print*/copy command is executed from the control panel.

* For printing Document Filing data and direct printing (FTP/SMB/USB)



Eco Scan

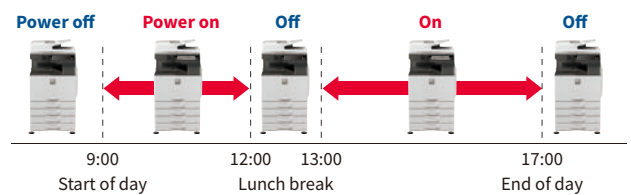
The Eco Scan function saves energy by keeping the fusing system shut down during jobs that don't require its use—for example, during image sending and Document Filing.

Auto Power Shut-Off Mode

Based on prior usage patterns, the MFP automatically determines how long to wait before going into auto power shut-off mode. Shortly before this mode begins, a message appears on the LCD indicating that the MFP will soon shut down and giving you the option to continue operation.

Power ON/OFF Schedule

This function automatically turns the MFP on or off per administrator-set schedules.



Eco-Friendly Toner

New Mycrotoner-Crystal is filled with low-melting-point material. Compared to a conventional toner, this toner is able to fuse at lower temperatures, resulting in reduced energy consumption.

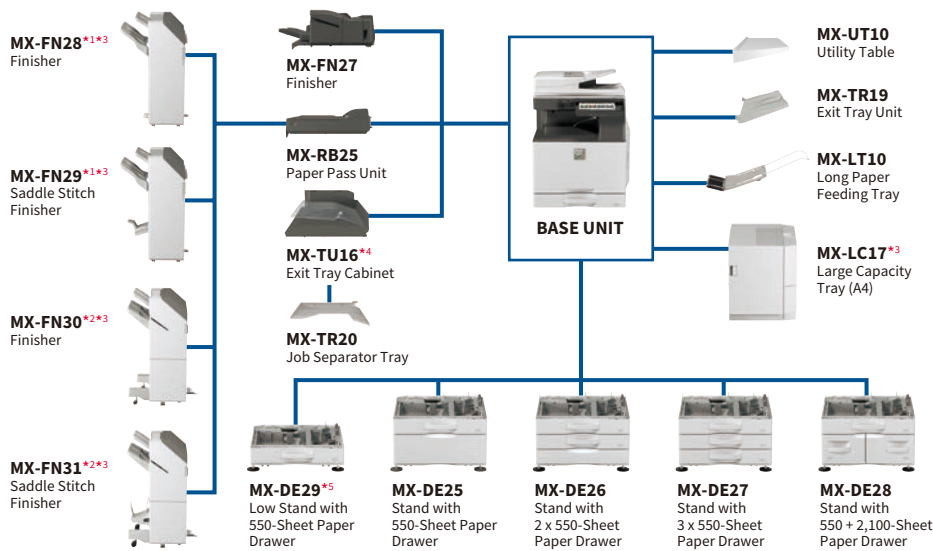
Automatic Toner Cartridge Eject Function

This function expels completely empty cartridges in preparation for replacement. The cartridge is replaced only after all the toner has been consumed, thereby ensuring efficient use of toner. Because you can tell at a glance when cartridges are empty, they are fast and easy to replace.



SYSTEM CONFIGURATION

System Configuration



*1: Max. paper capacity: 1,000 sheets *2: Max. paper capacity: 3,000 sheets *3: Requires MX-DE25, MX-DE26, MX-DE27, or MX-DE28. *4: In some countries/regions, the MX-TU16 is standard-equipped (not optional) on the base unit. *5: Cannot be used with MX-FN28/FN29/FN30/FN31/LC17.

MX-PN14B/C/D
Punch Module (for MX-FN27)
MX-PN15B/C/D
Punch Module (for MX-FN28/FN29)
MX-PN16B/C/D
Punch Module (for MX-FN30/FN31)
MX-PU10
Direct Print Expansion Kit
MX-PK13
PS3 Expansion Kit
MX-PF10
Barcode Font Kit
MX-FX15
Fax Expansion Kit
MX-FWX1
Internet Fax Expansion Kit
AR-SU1
Stamp Unit
MX-USX1/X5
Sharpdesk 1/5-License Kit
MX-US10/50/A0
Sharpdesk 10/50/100-License Kit
MX-AMX1
Application Integration Module
MX-AMX2
Application Communication Module
MX-AMX3
External Account Module
MX-EB11
Enhanced Compression Kit
MX-EB18
Wireless LAN Adaptor
MX-FR51U
Data Security Kit

Certain options may not be available in some areas.

Specifications for Options

MX-TR20 Job Separator Tray

| | |
|----------------|---|
| Paper size | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*) |
| Paper capacity | 100 sheets (A4, 8 1/2" x 11") |

MX-FN27 Finisher

| | | |
|-------------------|--|---|
| Paper size | Non offset Offset/staple Stapleless staple | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*) A3 (11" x 17") to B5*2 (8 1/2" x 11") A3 to B5*3 (11" x 17", 8 1/2" x 11"*) |
| Paper capacity | Non offset/offset Staple | 500 sheets (A4 or smaller), 250 sheets (B4 or larger) 30 sets or 500 sheets (A4 or smaller), 30 sets or 250 sheets (B4 or larger) |
| Stapling capacity | Stapleless staple Staple | 30 sets 50 sheets (A4, B5*), 30 sheets (A3, B4) |
| Staple position | Manual staple Staple mode Stapleless staple mode Manual staple mode | 5 sheets*5 Total paper thickness 4 mm or less (40 sheets) 3 locations (front, rear, or 2-point stapling) 1 location (rear) 1 location |

MX-FN28 Finisher

| | | |
|-------------------|--|--|
| Paper size | Non offset Offset Staple | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*) A3W (12" x 18") to A5 (5 1/2" x 8 1/2"*) A3W (12" x 18") to B5 (7 1/4" x 10 1/2"*) |
| Paper capacity | Finishing tray (non offset/offset) (staple) | 1,000 sheets (A4), 500 sheets (other sizes) 100 sets or 1,000 sheets (A4), 50 sets or 500 sheets (other sizes) |
| Stapling capacity | Top tray | 250 sheets (A4 or smaller), 50 sheets (B4 or larger) |
| Staple position | | 50 sheets (A4, B5), 30 sheets (A3, B4) 3 locations (front, rear, or 2-point stapling) |

MX-FN29 Saddle Stitch Finisher

| | | |
|-------------------|--|--|
| Paper size | Non offset Offset Staple | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*) A3W (12" x 18") to A5 (5 1/2" x 8 1/2"*) A3W (12" x 18") to B5 (7 1/4" x 10 1/2"*) |
| Paper capacity | Finishing tray (non offset/offset) (staple) | 1,000 sheets (A4), 500 sheets (other sizes) 100 sets or 1,000 sheets (A4), 50 sets or 500 sheets (other sizes) |
| Stapling capacity | Top tray Saddle stitch tray | 250 sheets (A4 or smaller), 50 sheets (B4 or larger) 7 sets of 11–15 sheets, 10 sets of 6–10 sheets, 20 sets of 1–5 sheets |
| Staple position | | 50 sheets (A4, B5), 30 sheets (A3, B4) 3 locations (front, rear, or 2-point stapling) |

MX-FN30 Finisher

| | | |
|-------------------|---|---|
| Paper size | Non offset Offset/staple Stapleless staple | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*) A3 (11" x 17") to B5*2 (8 1/2" x 11") A3, A4*4 (11" x 17", 8 1/2" x 11"*) |
| Paper capacity | Finishing tray (non offset/offset) (staple) | 3,000 sheets (A4, B5), 1,500 sheets (other sizes) 200 sets or 3,000 sheets (A4, B5), 100 sets or 1,500 sheets (other sizes) |
| Stapling capacity | Top tray Staple Stapleless staple Manual staple Staple mode Stapleless staple mode Manual staple mode | 200 sets (A4), 100 sets (A3) 250 sheets (A4*, B5*, A5), 125 sheets (other sizes) 65 sheets (A4*, B5*), 30 sheets (other sizes) 5 sheets*5 Total paper thickness 9 mm or less (65 sheets) 3 locations (front, rear, or 2-point stapling) 1 location (rear) 1 location |

MX-FN31 Saddle Stitch Finisher

| | | |
|-------------------|---|--|
| Paper size | Non offset Offset/staple Stapleless staple | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*) A3 (11" x 17") to B5*2 (8 1/2" x 11") A3, A4*4 (11" x 17", 8 1/2" x 11"*) |
| Paper capacity | Finishing tray (non offset/offset) (staple) | 3,000 sheets (A4, B5), 1,500 sheets (other sizes) 200 sets or 3,000 sheets (A4, B5), 100 sets or 1,500 sheets (other sizes) |
| Stapling capacity | Top tray Saddle stitch tray | 200 sets (A4), 100 sets (A3) 250 sheets (A4*, B5*, A5), 125 sheets (other sizes) 10 sets of 11–20 sheets, 15 sets of 6–10 sheets, 25 sets of 1–5 sheets |
| Staple position | Staple Stapleless staple Manual staple Staple mode Stapleless staple mode Manual staple mode | 65 sheets (A4*, B5*), 30 sheets (other sizes) 5 sheets*5 Total paper thickness 9 mm or less (65 sheets) 3 locations (front, rear, or 2-point stapling) 1 location (rear) 1 location |

Punch Modules

| Model name | For MX-FN27 | MX-PN14B*7 | MX-PN14C*8 | MX-PN14D |
|-----------------|------------------|-------------------------------|------------|----------|
| | For MX-FN28/FN29 | MX-PN15B*7 | MX-PN15C*8 | MX-PN15D |
| | For MX-FN30/FN31 | MX-PN16B*7 | MX-PN16C*8 | MX-PN16D |
| Number of holes | | 2 or 3 | 2 or 4 | 4 (wide) |
| Paper weight | | 55 to 300 g/m ² *9 | | |

MX-DE25 Stand with 550-Sheet Paper Drawer

| | |
|----------------|--|
| Paper size | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*)*10 |
| Paper capacity | 550 sheets |

MX-DE26 Stand with 2 x 550-Sheet Paper Drawer

| | | |
|----------------|----------------------|--|
| Paper size | Upper and lower tray | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*)*10 |
| Paper capacity | Upper and lower tray | 550 sheets each |

MX-DE27 Stand with 3 x 550-Sheet Paper Drawer

| | | |
|----------------|-------------------------|--|
| Paper size | Upper/middle/lower tray | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*)*10 |
| Paper capacity | Upper/middle/lower tray | 550 sheets each |

MX-DE28 Stand with 550 + 2,100-Sheet Paper Drawer

| | | |
|----------------|---|--|
| Paper size | Upper tray Lower right tray Lower left tray | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*)*10 A4, B5, 8 1/2" x 11" A4, 8 1/2" x 11" |
| Paper capacity | Upper tray Lower right tray Lower left tray | 550 sheets 900 sheets 1,200 sheets |

MX-DE29 Low Stand with 550-Sheet Paper Drawer*11

| | |
|----------------|--|
| Paper size | SRA3 (12" x 18") to A5 (5 1/2" x 8 1/2"*)*10 |
| Paper capacity | 550 sheets |

MX-LC17 Large Capacity Tray

| | |
|----------------|----------------------|
| Paper size | A4, B5, 8 1/2" x 11" |
| Paper capacity | 3,000 sheets |

MX-LT10 Long Paper Feeding Tray

| | |
|----------------|--------------------|
| Paper size | Max. 1,300 mm long |
| Paper capacity | 1 sheet |

Note: All specifications relating to paper capacity refer to 80 g/m² paper.

*1: Only short-edge feeding can be used with 5 1/2" x 8 1/2" paper. *2: Only long-edge feeding can be used with B5 paper. *3: Only long-edge feeding can be used with A4 and B5 paper. *4: Long-edge feeding. *5: Guaranteed stapleable weight is up to 64 g/m² (4 sheets up to 81.4 g/m² and 3 sheets up to 105 g/m²). *6: Only short-edge feeding can be used with 7 1/4" x 10 1/2" paper. *7: Accepts North American paper sizes. *8: Accepts ISO-standard paper sizes. *9: Guaranteed punchable weight is 60 to 128 g/m². *10: Only short-edge feeding can be used with A5 (5 1/2" x 8 1/2") paper. *11: Desktop use is also possible. Contact a Sharp customer representative for details.

SPECIFICATIONS (tentative)

| General | |
|---------------------------------------|--|
| Type | Desktop |
| Engine speed | A4 (8 1/2" x 11")*1: Max. 40/35/30 ppm A3 (11" x 17"): Max. 20 (19)/18/16 ppm SRA3: Max. 18/16/15 ppm |
| Control panel display | 10.1-inch colour LCD touchscreen |
| Paper size | Max. SRA3 (12" x 18"), min. A5 (5 1/2" x 8 1/2")*2 |
| Paper capacity (80 g/m ²) | Standard: 650 sheets (550-sheet tray and 100-sheet multi-bypass tray) Maximum: 6,300 sheets (650 sheets & optional 550 + 2,100-sheet tray and 3,000-sheet tray) |
| Paper weight | Tray: 60 g/m ² to 300 g/m ² (16 lbs bond to 110 lbs cover) Multi-bypass tray: 55 g/m ² to 300 g/m ² (13 lbs bond to 110 lbs cover) |
| Warm-up time*3 | 10 sec. |
| Memory | 5GB (copy/print shared) 250GB HDD*4 |
| Power requirements | Rated local AC voltage $\pm 10\%$, 50/60 Hz |
| Power consumption | Max. 1.84 kW (220V to 240V), max. 1.44 kW (110V to 127V) |
| Dimensions (W x D x H)*5 | 608 x 650 x 834 mm (23 15/16" x 25 19/32" x 32 27/32") |
| Weight (approx.) | 79 kg (174.2 lbs) |

| Copier | |
|---------------------|---|
| Original paper size | Max. A3 (11" x 17") |
| First copy time*6 | Full colour: 6.7 sec. B/W: 4.7 sec. |
| Continuous copy | Max. 9,999 copies |
| Resolution | Scan (colour): 600 x 600 dpi Scan (B/W): 600 x 600 dpi, 600 x 400 dpi, 600 x 300 dpi Print: 600 x 600 dpi, 9,600 (equivalent) x 600 dpi (depending on copy mode) Equivalent to 256 levels |
| Gradation | 25% to 400% (25% to 200% using RSPF) in 1% increments |
| Zoom range | Metric: 10 ratios (5R/5E), inch: 8 ratios (4R/4E) |
| Preset copy ratios | |

| Network Scanner | |
|-------------------|--|
| Scan method | Push scan (via control panel) Pull scan (TWAIN-compliant application) |
| Scan speed*7 | [Colour & B/W] Max. 80 originals/min. |
| Resolution | Push scan: 100, 150, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 dpi to 9,600 dpi via user setting*8 |
| File formats | TIFF, PDF, PDF/A, encrypted PDF, compact PDF*9*10, JPEG*10, XPS |
| Scanner utility | Sharpdesk |
| Scan destinations | Scan to e-mail/desktop/FTP server/network folder (SMB)/ USB drive/HDD |

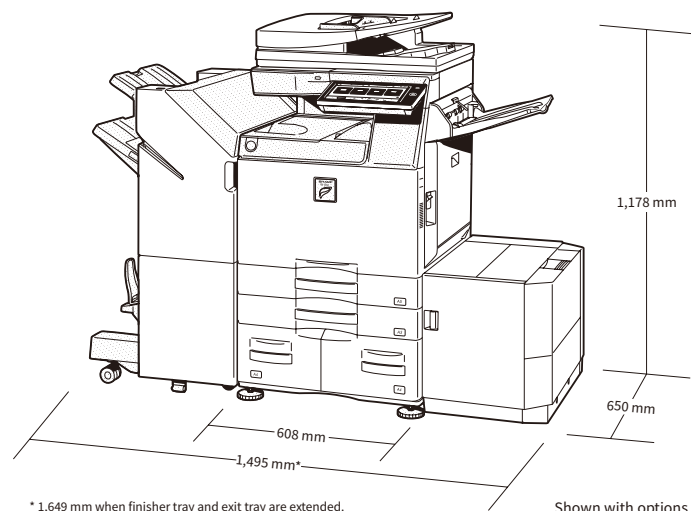
| Document Filing | |
|-----------------------------|--|
| Document filing capacity*11 | Main and custom folders: 20,000 pages or 3,000 files Quick file folder: 10,000 pages or 1,000 files |
| Stored jobs*12 | Copy, print, scan, fax |
| Storage folders | Quick file folder, main folder, custom folder (max. 1,000 folders) |

| Network Printer | |
|--------------------|--|
| Resolution | 600 x 600 dpi, 9,600 (equivalent) x 600 dpi |
| Interface | USB 2.0 (host, high-speed), 10Base-T/100Base-TX/1000Base-T |
| Supported OS | Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2012, Windows Server® 2012 R2, Windows Server® 2016, Windows Vista®, Windows® 7, Windows® 8.1, Windows® 10, Mac OS X 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, macOS Sierra |
| Network protocols | TCP/IP |
| Printing protocols | LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FTP for downloading print files, IPP, SMB, WSD |
| PDL | Standard: PCL 6 emulation Option: Adobe® PostScript® 3™ |
| Available fonts | 80 fonts for PCL, 139 fonts for Adobe PostScript 3 |

| B/W Facsimile (optional MX-FX15 required) | |
|---|---|
| Compression method | MH/MR/MMR/JBIG |
| Communication protocol | Super G3/G3 |
| Transmission time | Less than 3 seconds*13 |
| Modem speed | 33,600 bps to 2,400 bps with automatic fallback |
| Transmission resolution | From Standard (203.2 x 97.8 dpi) to Ultra Fine (406.4 x 391 dpi) |
| Recording size | A3 to A5 (11" x 17" to 5 1/2" x 8 1/2") |
| Memory | 1GB (built-in) |
| Greyscale levels | Equivalent to 256 levels |

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* 1,649 mm when finisher tray and exit tray are extended.

Shown with options.

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