SHARP

Be Original.

Business

Experience

Process

Admin

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

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.

Business owners / directors

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, SharePoint® Online, and Box. 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.
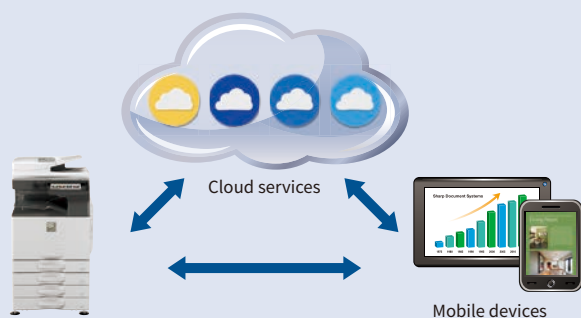
Office Direct Printing*

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.

Cloud services

Mobile devices

Mobile device

USB drive

Cloud service

File server

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 simplifies even the most complex work processes and help you finish document jobs fast.

Office users

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.
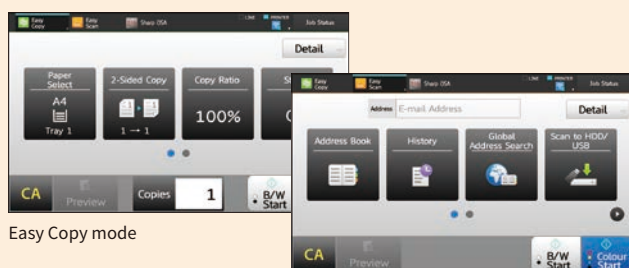
Easy Copy mode

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.

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.

IT managers / administrators

Secure Access Control

The MX-4050N/3550N/3050N supports the **Active Directory**® service, which lets you use the machine's log-on credentials for network folders. With centralized management of multiple user credentials, system administrators are able to keep track of MFP usage, which makes for an efficient and highly secure operational environment. And with **single sign-on**, you can access cloud services and internal network folders from the MX-4050N/3550N/3050N by simply logging in to the MFP—there's no need to re-enter your IDs and passwords.

User A

Log in

User A's folder

User B's folder
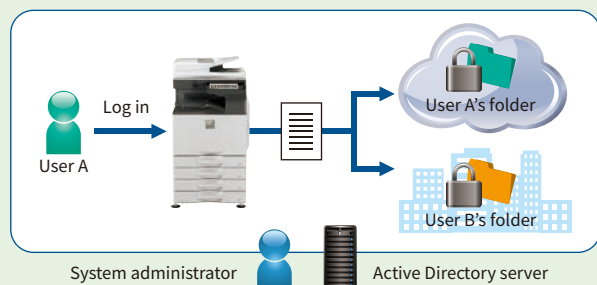
System administrator

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.
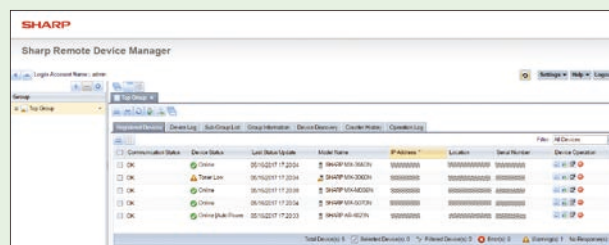
Sharp Remote Device Manager

EASE OF USE

The smartly designed MX-4050N/3550N/3050N sets 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.
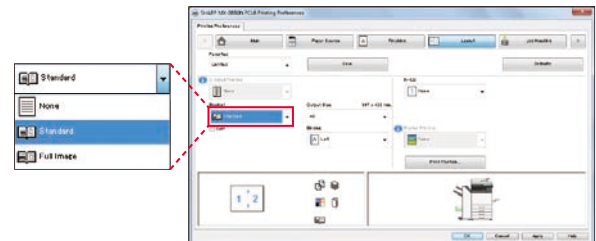
LED Status Lamps

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*

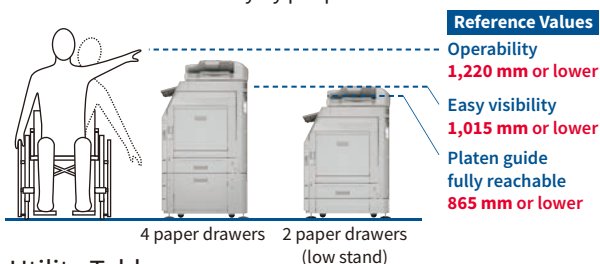* Indicates whether documents have been properly set in the document feeder

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.

Reference Values

Operability
1,220 mm or lower

Easy visibility
1,015 mm or lower

Platen guide
fully reachable
865 mm or lower

4 paper drawers   2 paper drawers (low stand)

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 delivers 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

Original

Auto recognition

Copy

Text comes out crisp and clear, and unnecessary background colour is automatically removed
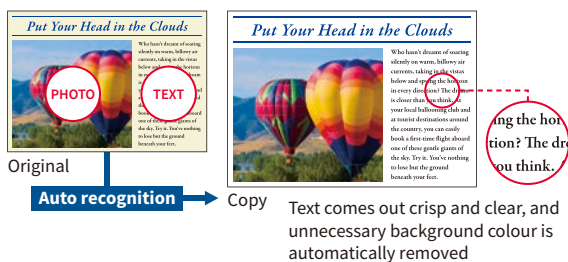
Developer Refresh System

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.

Toner cartridge

Toner (magenta)

Carrier

(Conceptual image)

Used developer discharge exit
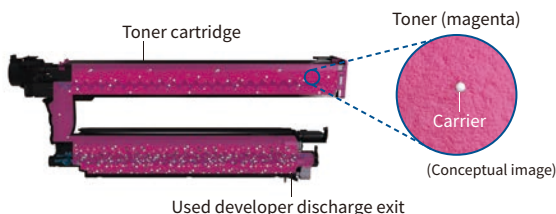
PCL 6 and True Adobe® PostScript® 3™

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

—— New model
- - - - Previous model
Note: Printing in default setting
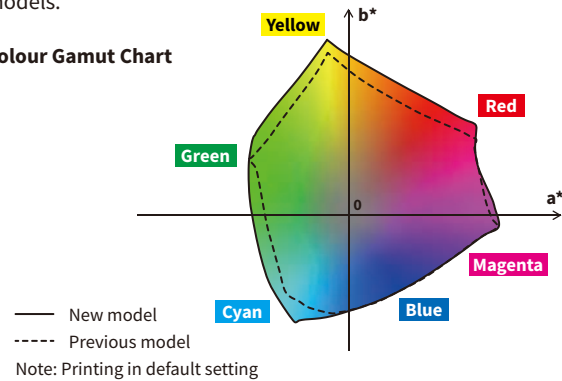
Auto Process Control

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.

Halftone colour patches

Image density sensors

Transfer belt

High-density colour patches

Organic photoconductor
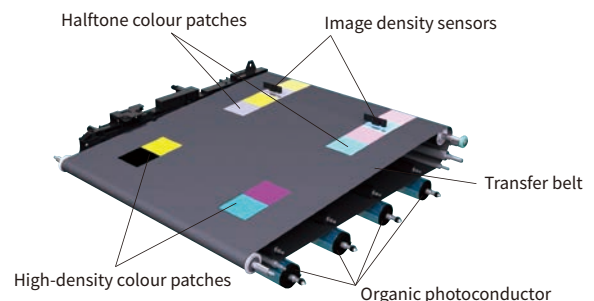
Line Width Adjustment

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.
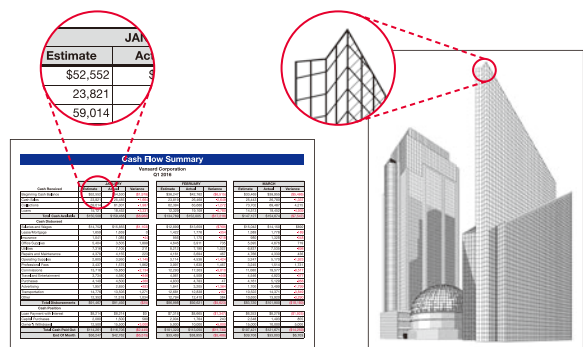
SECURE INFORMATION SHARING

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, SharePoint Online, or Box*2—or print directly from any of them*3. 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 in to the MFP, its single sign-on feature allows you to 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: Contact a Sharp representative for details. *3: Direct printing of PDF files requires optional MX-PK13; direct printing of Microsoft Office files (pptx, xlsx, docx) requires optional MX-PU10.
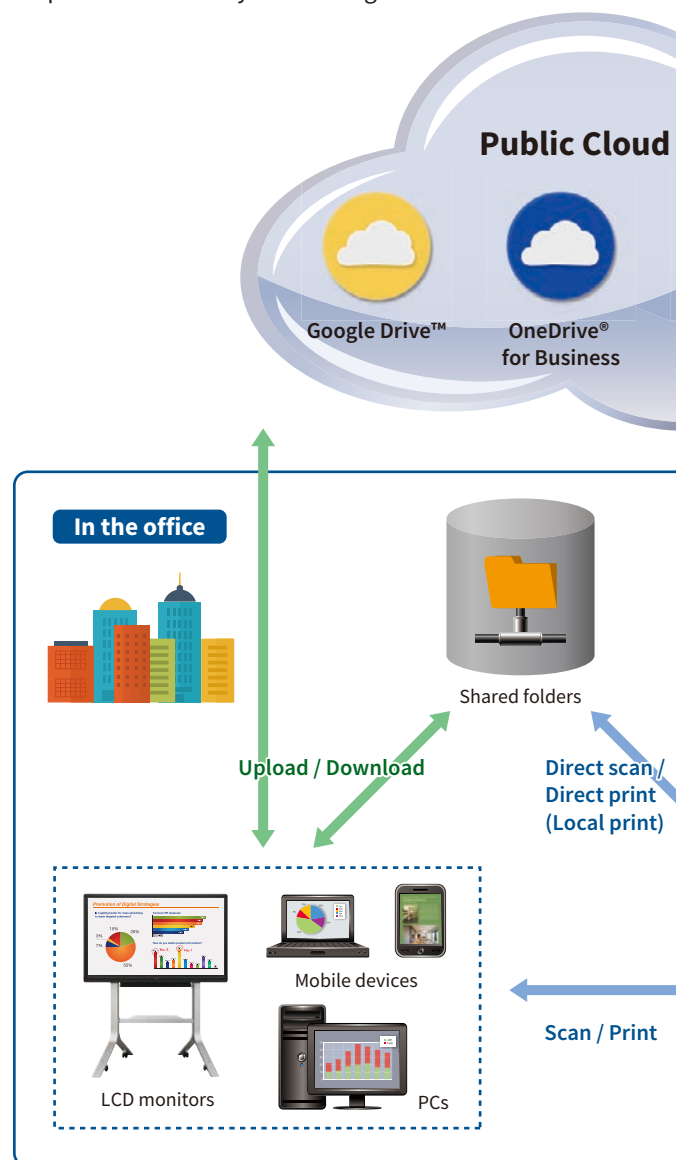
Link with Mail Servers

Scanned data can be conveniently sent via your regular Gmail™ or Microsoft Exchange/Online 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.

Public Cloud

Google Drive™   OneDrive® for Business

In the office

Shared folders

Upload / Download

Direct scan / Direct print (Local print)

Mobile devices

Scan / Print

LCD monitors   PCs

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

Office environment

Blocks unauthorised access
User authentication
Active Directory

Gateway security
UTM

Prevents e-mail theft, impersonation
S/MIME*

Internet

HDD

Provides secure storage
Data erasure/encryption
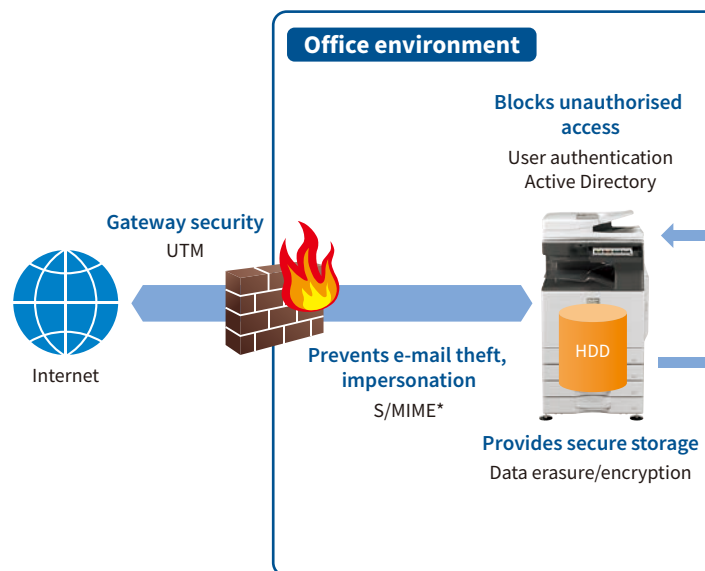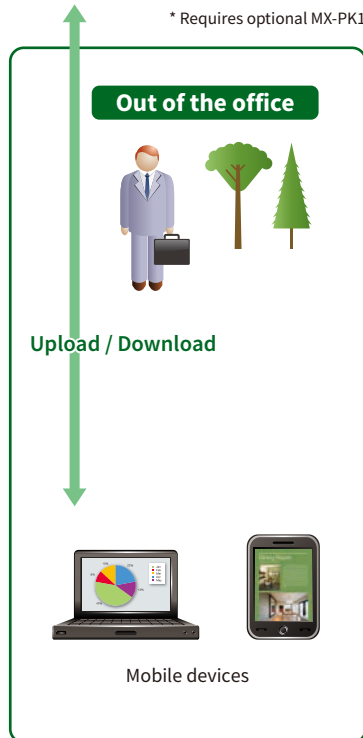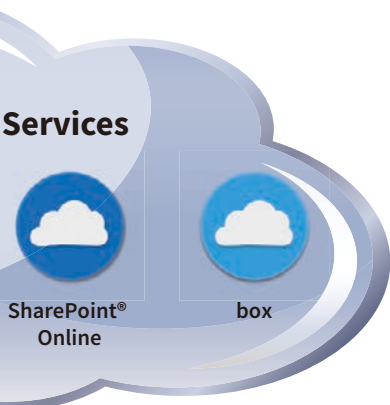
Two-Way Sharing with Mobile Devices

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*[1]

Sharpdesk Mobile is a mobile print/scan app that connects the MFP to mobile devices via wireless LAN. You can easily link your mobile device to the MFP by simply holding it over the MFP's NFC card reader or by scanning the MFP's QR Code*[2].

*[1]: Availability varies by country/region. For details, see the Sharpdesk Mobile support website:
http://sharp-world.com/products/copier/docu_solutions/mobile/sharpdesk_mobile/
*[2]: The NFC interface is for Android™ devices; the QR Code is for iOS devices. Contact a Sharp representative for details on the NFC card reader.

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

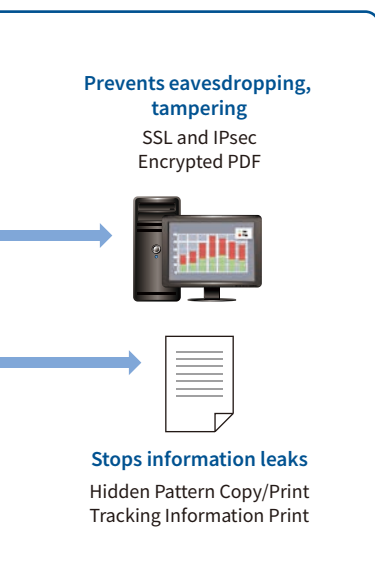* Requires optional MX-EB18. Availability of this option varies by country/region.

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

Infrastructure mode

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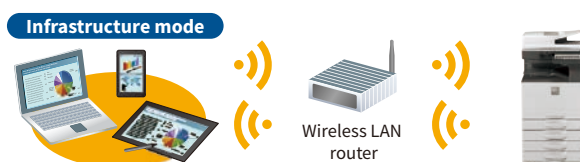
Access point mode wirelessly connects a LAN-wired MFP to mobile PCs/devices without going through a wireless LAN router.

Access point mode

LAN

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.

Services

SharePoint® Online

box

Direct scan / Direct print (Cloud print)

MFP

Out of the office

Upload / Download

Mobile devices

Prevents eavesdropping, tampering
SSL and IPsec
Encrypted PDF

Stops information leaks
Hidden Pattern Copy/Print
Tracking Information Print

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

HIGH PRODUCTIVITY

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.

Super-Efficient Colour and B/W Output

The MX-4050N/3550N/3050N delivers 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

40 PPM	35 PPM	30 PPM
MX-4050N	MX-3550N	MX-3050N

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 compatible 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.

Print out

Main MFP

MFP 1

MFP 2

MFP 3

Send data
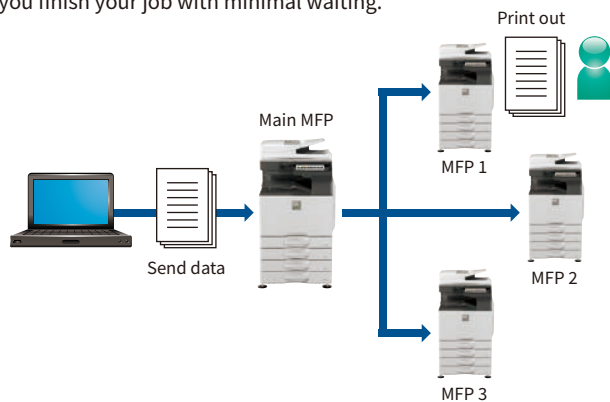
Versatile Paper Handling

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 Job Separator Tray option prevents copy/print/fax jobs from getting mixed together. Thanks to this interior output tray system, the MFP can provide up to four output destinations when it's equipped with an exit tray and external finisher.

Top tray (250 sheets*)

* A4 (8 $^1/_2$" x 11"), 80 g/m²

Finisher tray (3,000 sheets*)

Job Separator Tray (100 sheets*)

Exit tray (100 sheets*)

Finisher Options

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

	MX-FN27 N 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
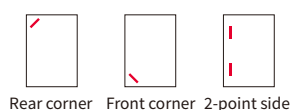
2-hole punching   3-hole punching   4-hole punching   4-hole wide punching
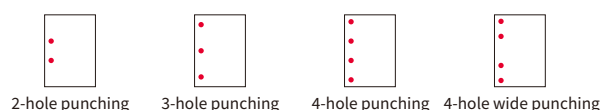
Saddle stitching

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.

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 $\frac{1}{2}$" × 11") sheets

Multiple Distribution of Scanned Files

Scanned documents can be distributed in a number of ways. For example, they can be sent as e-mail attachments or they can be scanned directly to an FTP server for storage. When you're scanning large-volume documents, the MFP saves the data on its hard disk and generates a URL for accessing that data. You can then e-mail recipients this URL rather than the full document, thereby reducing the load on the mail server.
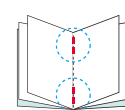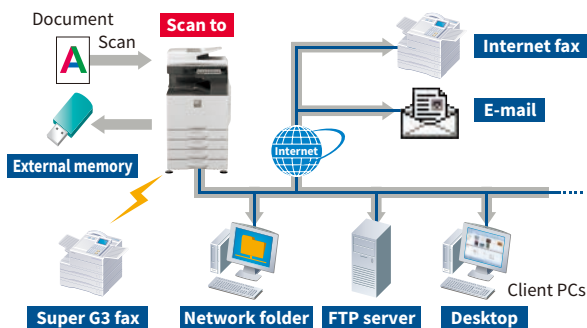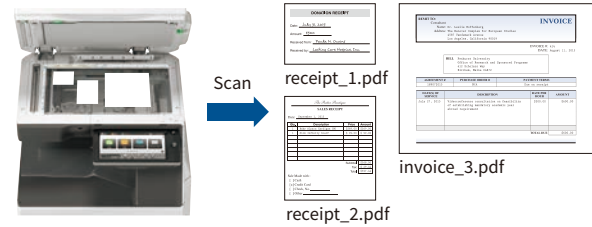
Advanced Scan Functions

Multicrop Function

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

Scan → receipt_1.pdf / receipt_2.pdf / invoice_3.pdf

Image Crop Function

This function lets you scan multiple photos all at once and save each one as a separate file. It can also crop photos on documents such as magazine pages and save them as individual files.

Scan multiple photos

Scan → photo_1.jpg / photo_2.jpg / photo_3.jpg

Crop photos from magazine page

Scan → photo_4.jpg / photo_5.jpg
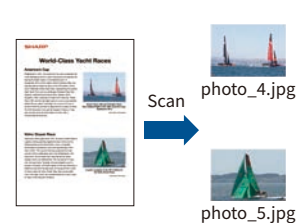
Compact PDF*

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.

Versatile Fax Functions (option)

• **Super G3 Fax** function
• **Internet Fax** lets you exchange faxes via e-mail
• **PC-Fax** sends PC documents directly to a fax machine via a phone line

Multiple Distribution diagram

Document → Scan → Scan to → Internet fax / E-mail / Internet

External memory

Super G3 fax | Network folder | FTP server | Desktop | Client PCs

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.

Processed job data

Copy
Print
Scan
Fax
PC-Fax
Internet Fax

Save to HDD → Quick File Folder / Main Folder / Custom Folder → Reuse → Send (To e-mail or FTP Fax or Internet fax) / Print Out
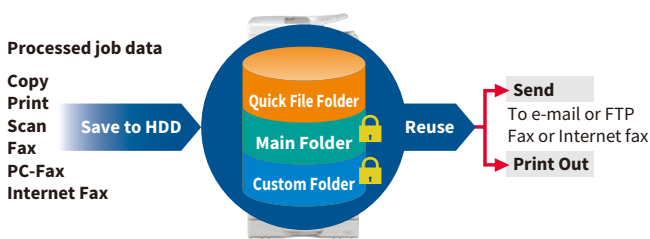
Sharpdesk Document Management Software

Sharpdesk is an original Sharp application that provides integrated desktop management of documents in over 200 file formats, including scanned paper-based documents and those created with popular applications such as Word. With Sharpdesk, documents can be organised, edited, searched, and distributed with simple drag-and-drop operation. Features include thumbnail viewing, annotation tools for paper-free proofreading, optical character recognition, the ability to combine different types of files into a single document, and more.

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®.

Max. allowable TEC value*²

6.3 kWh

5.3 kWh

4.3 kWh

TEC value of each model

2.2 kWh*³ 35.0%

2.0 kWh*³ 37.8%

1.8 kWh*³ 41.9%

MX-4050N   MX-3550N   MX-3050N
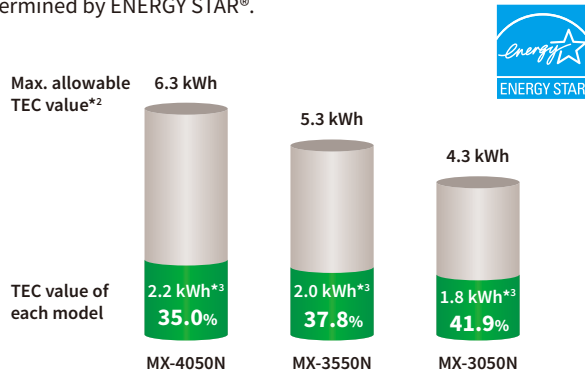
*1: Typical amount of energy consumed in a hypothetical week measured as stipulated under the ENERGY STAR programme.
*2: Maximum TEC value allowable under the latest ENERGY STAR programme (version 2.0).
*3: Measured at 230 V.

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.

Fusing belt
Heater lamp
Heating roller
Pressure roller
Heater lamp
Fusing roller

Eco Recommendation

This function suggests environmentally friendly settings before a print*/copy command is executed from the control panel.
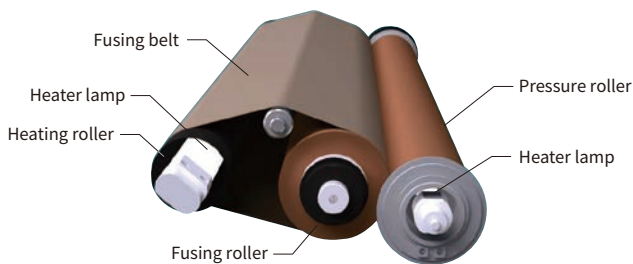* For printing Document Filing data and direct printing (FTP/SMB/USB)
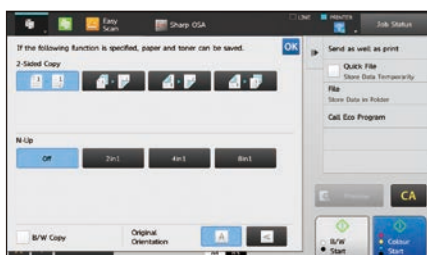
Eco Scan

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.

Power off   Power on   Off   On   Off

9:00   12:00   13:00   17:00
Start of day   Lunch break   End of day
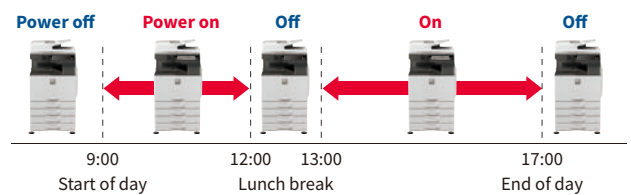
Eco-Friendly Toner

New Mycrostoner-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

MX-FN28[*1][*3] Finisher

MX-FN29[*1][*3] Saddle Stitch Finisher

MX-FN30[*2][*3] Finisher

MX-FN31[*2][*3] Saddle Stitch Finisher

MX-FN27 N Finisher

MX-TU16[*4] Exit Tray Cabinet

MX-TR20 Job Separator Tray

MX-RB25 N Paper Pass Unit

BASE UNIT

MX-UT10 Utility Table

MX-TR19 N Exit Tray Unit

MX-LT10 Long Paper Feeding Tray

MX-LC17 N[*3] Large Capacity Tray (A4)

MX-DE29 N[*5] Low Stand with 550-Sheet Paper Drawer

MX-DE25 N Stand with 550-Sheet Paper Drawer

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

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

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

MX-PN14B/C/D Punch Module (for MX-FN27 N)
MX-PN15B/C/D Punch Module (for MX-FN28/FN29)
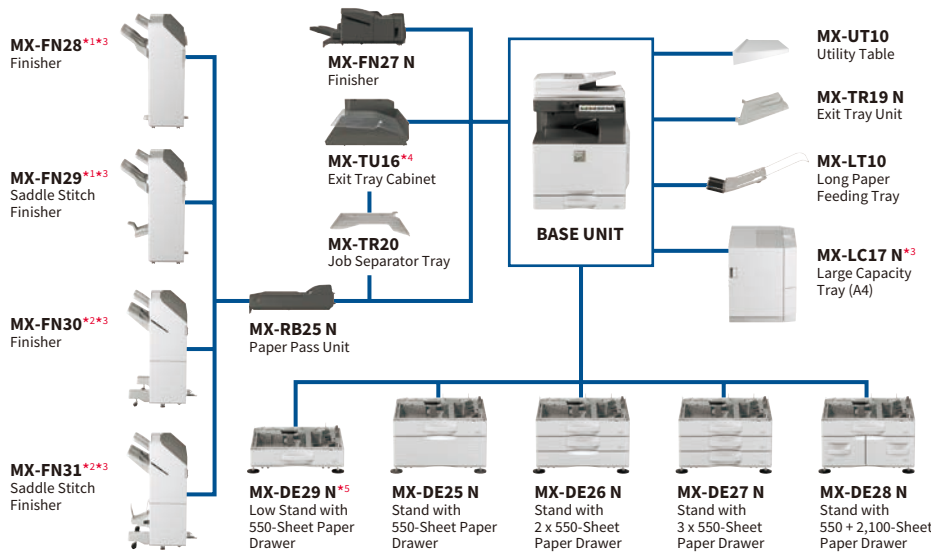**MX-PN16B/C/D** Punch Module (for MX-FN30/FN31)
MX-PU10 Direct Print Expansion Kit
MX-PK13 PS3 Expansion Kit
MX-PF10 Barcode Font Kit
MX-FX15 Fax Expansion Kit
MX-FWX1 Internet Fax Expansion Kit
AR-SU1 Stamp Unit
MX-USX1/X5 Sharpdesk 1/5-License Kit
MX-US10/50/A0 Sharpdesk 10/50/100-License Kit
MX-AMX1 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

*1: Max. paper capacity: 1,000 sheets *2: Max. paper capacity: 3,000 sheets *3: Requires MX-DE25 N/DE26 N/DE27 N/DE28 N.
*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 N.

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 $1/2$"*1)
Paper capacity	100 sheets (A4, 8 $1/2$" x 11")

MX-FN27 N Finisher

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

MX-FN28 Finisher

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

MX-FN29 Saddle Stitch Finisher

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

MX-FN30 Finisher

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

MX-FN31 Saddle Stitch Finisher

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

Punch Modules

Model name	For MX-FN27 N	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 N 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 N 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 N 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 N Stand with 550 + 2,100-Sheet Paper Drawer

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

MX-DE29 N 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 N 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/m^2 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/m^2 (4 sheets up to 81.4 g/m^2 and 3 sheets up to 105 g/m^2). *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/m^2. *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 $\frac{1}{2}$" 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 $\frac{1}{2}$" x 8 $\frac{1}{2}$"*2)
Paper capacity	Standard: 650 sheets
(80 g/m²)	(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/m² to 300 g/m² (16 lbs bond to 110 lbs cover)
	Multi-bypass tray: 55 g/m² to 300 g/m²
	(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 ±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 $\frac{15}{16}$" x 25 $\frac{19}{32}$" x 32 $\frac{27}{32}$")
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)
Gradation	Equivalent to 256 levels
Zoom range	25% to 400% (25% to 200% using RSPF) in 1% increments
Preset copy ratios	Metric: 10 ratios (5R/5E), inch: 8 ratios (4R/4E)

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 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12
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 $\frac{1}{2}$" x 8 $\frac{1}{2}$")
Memory	1GB (built-in)
Greyscale levels	Equivalent to 256 levels

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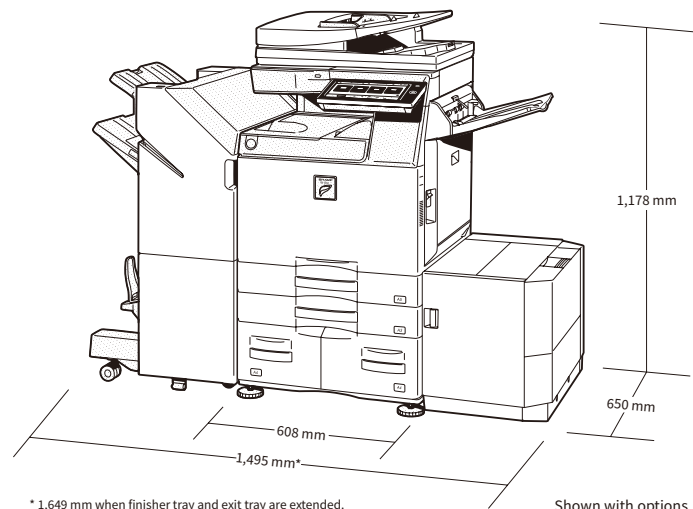
*1: Long-edge feeding.
*2: Only short-edge feeding can be used with 5 $\frac{1}{2}$" x 8 $\frac{1}{2}$" paper.
*3: At rated voltage, 23°C (73.4°F). May vary depending on operating conditions and environment.
*4: HDD capacity depends on procurement and sourcing status.
*5: Including adjusters and protuberances.
*6: Short-edge feeding of A4 (8 $\frac{1}{2}$" x 11") sheets from 1st paper tray, using document glass, without Auto Colour Selection and Auto Colour mode, MFP in fully ready condition. May vary depending on operating conditions and environment.
*7: Based on Sharp's A4 standard chart, using document feeder, long-edge feeding, and one-sided scanning. Using factory default settings with Auto Colour Selection off. Scan speed will vary depending on the type of document and the scan settings.
*8: Resolution will vary depending on the size of the scanned area.
*9: Requires optional MX-EB11.
*10: Colour/greyscale only.
*11: Storage capacity will vary depending on the type of document and the scan settings.
*12: Some features require option(s).
*13: Based on Sharp's standard chart with approx. 700 characters (A4 or 8 $\frac{1}{2}$" x 11" long-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

1,178 mm

650 mm

608 mm

1,495 mm*

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

Shown with options.

SHARP