SHARP

MX-M503N/MX-M453N
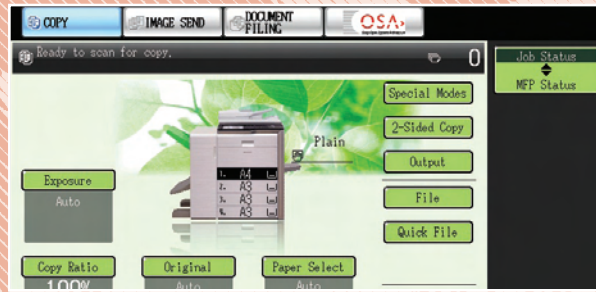**MX-M363N**
Digital Multifunctional System

High Performance Black & White
Multifunction Systems with
Colour Network Scanning

50/45/36
PPM in B/W

Large Colour Touch-Screen LCD Display

The **power and productivity** that every office needs

Equipped with many of the advanced performance features that have made Sharp's colour MFPs so successful, our new black & white MFPs are perfect for all busy offices and any medium to large workgroup.

Combining fast colour network scanning capabilities with powerful print, copy and fax features, the MX-M503N, MX-M453N and MX-M363N have all the functionality and speed you need to put them at the heart of your office operations. They're easy to use, too.

A retractable keyboard makes data entry and emailing quick and simple. And there's a large, 8.5″ colour touch-screen LCD display with thumbnail views that makes even the most advanced features instantly and intuitively accessible, which can be configured to give different users their own home screens with customised keys.

More for your money

IT Administrators will appreciate the Remote Access Interface which simplifies support by letting them view and operate each machine's front panel display from across the network, and everyone will love the contemporary design that makes these new MFPs a perfect choice for any modern office.

They can also be supplied with Sharp OSA® (Open Systems Architecture), which gives you access to a wide range of third party software solutions that can automate many manual office tasks, such as the storing and management of documents, or the processing of forms.

Designed with the environment in mind

As well as being equipped with a manual power save button, to save energy and reduce running costs, the Energy Star certified MX-M503N, MX-M453N and MX-M363N benefit from an industry-leading design that cuts night energy consumption right down to a single watt - just enough to receive faxes.

Just as much care has been taken with manufacturing processes and materials. These environmentally- and user-friendly MFPs are fully RoHS-compliant and completely free from harmful chromium and lead.

MX-M503N/MX-M453N/MX-M363N - **Key Features**

Highly productive operation

- Speedy output of max. 50/45/36 ppm and fast first copy time of 3.9/3.9/4.6 sec
- Finishing options include bi-folding saddle stitch finisher and inner finisher
- Built-in stackless duplex module and 100-sheet high-speed Duplex Single Pass Feeder
- 70 opm scan speed for two-sided and one-sided originals in colour and B/W
- Standard hard disk and electronic sorting
- Standard 1,100-sheet paper capacity, expandable to max. 5,600 sheets
- Network tandem function doubles output speed by linking two MFPs
- Job Build function for large-volume documents

All-in-one performance

- Supports Gigabit Ethernet and the latest network protocols and operating systems
- Standard PCL5e/PCL6 and optional PS3 emulation
- Full-colour network scanning with scan to e-mail/ FTP server/desktop/network folder/USB, and support for JPEG, TIFF, XPS, PDF, and high-compression PDF[*1] formats
- USB port at the front of the MFP allows easy scan to/print from USB memory
- Sharpdesk for integrated, intuitive document management on a PC
- Document Filing function to instantly reuse job data stored on the HDD
- Optional Super G3 fax and Internet fax that supports direct SMTP
- LDAP support for easy browsing of e-mail addresses and fax numbers
- Supports the XPS format (standard for scanning; optional for printing)

Multi-layered security solutions

- Optional Data Security Kit encrypts and erases data retained inside the MFP
- Supports the IEEE 802.1X standard for port-based network access control
- Function-specific user authentication
- External Active Directory server allows user authentication management of multiple MFPs and of a greater number of users
- IP/MAC address filtering restricts unauthorised access
- SSL and IPsec enable data encryption for secure network communications
- Encrypted PDF with password protection for secure scanning
- Document Control function[*2] prevents unauthorised copying, scanning, faxing, and filing of confidential documents

Sharp's one-of-a-kind features

- Sharp OSA (Open Systems Architecture)[*3] allows integration with network applications and makes them accessible from the LCD control panel
- 8.5-inch, touch-screen colour LCD provides thumbnails/previews of Document Filing and fax reception data and previews of copy/send/save jobs
- Control panel can be remotely displayed and operated on a PC
- Retractable QWERTY keyboard (option) allows easy text entry

[*1] Requires optional MX-EBX3
[*2] Requires optional Data Security Kit
[*3] Requires optional MX-AMX2 and/or MX-AMX3

Environmentally advanced design

- Lead- and chromium-free design (RoHS compliant)
- Certified for Energy Star
- Energy-saving design (less than 1W in standby for fax reception)

Superb image quality

- True 1,200 x 1,200-dpi high-quality printing without sacrificing speed
- High-resolution imaging with 256-level greyscale; clearly reproduces fine lines, small text, and delicate halftones
- Digital auto exposure control and Text/Photo mode provide optimum copy quality

with **Colour Network Scanning**

High Quality Printing
1200 x 1200 dpi

High Capacity
Finisher

Superior printing

With three print speeds to choose from, 36 pages per minute (ppm), 45 ppm or an impressive 50 ppm - all at a true 1200 x 1200 dpi resolution - you can match the performance to meet the needs of your particular team. And that's just the start.

These rapid print speeds are enhanced by a range of advanced features and options that will help you raise productivity to unprecedented levels.

A generous 80 GB hard drive and powerful processor make light work of even the most complex jobs and you can expand the standard 1,100-sheet paper capacity right the way up to 5,600 sheets for longer uninterrupted printing. And when times get busy, you can even split jobs between two MFPs for twice the speed and capacity.

Sophisticated finishing options

Now you can add authority to your documents with a range of options that will sort, fold and staple the pages just as you need them. Choices include a space-saving internal finisher for simple sorting, stapling and off-set stacking, and a hole puncher.

You can also specify a bi-folding saddle stitch finisher for folding and stapling multi-page documents into booklets, and you can add a high-capacity 4,000-sheet finisher that's perfect for document-intensive environments.

Special applications

Other useful features give you the convenience of printing directly from USB memory sticks, the ability to print 'proof sets' before committing to long print runs, and other time-saving capabilities such as direct printing from web pages, email attachments and FTP servers.

At a glance

- *Choice of three models* with fast print speeds: **36, 45 or 50 ppm.**
- *Superb 1200 x 1200 dpi*, even at maximum print speeds.
- *Stackless duplex module* saves you filing space and money.
- *Network printing supports Gigabit Ethernet* and the most commonly used network operating systems and protocols.
- *USB memory direct printing* - conveniently print data directly from most USB memory devices, without the need for a PC.
- *XPS/PDF/TIFF/JPEG direct print*[1] - save time by printing XPS, PDF, TIFF or JPEG files without using the printer driver, either by calling and printing the file directly from an FTP server, direct printing from a Web page, or direct printing of e-mail attachments.
- *Standard PCL5e and PCL6* and optional PS3 emulation.[2]
- *Network tandem function* - double the effective output speed by sharing jobs between two MFPs on the same network.
- *Proof printing* - check a trial set before printing out a multi-page document in large numbers.
- *Barcode font* print compatibility.[3]

[1] *Requires optional MX-PKX1 for PDF direct printing and MX-PUX1 & MX-SMX3 for XPS. May not support all formats*

[2] *Requires optional MX-PKX1*

[3] *Requires optional AR-PF1*

Finishing Options

Saddle stitching **Hole punching** **Stapling** **Bi-folding**

(10Base-T/100Base-TX/1000Base-T)

- **Windows NT® 4.0, Windows Server™ 2003/2008**
- **Windows® 98/Me, Windows® 2000/XP/Vista**
- **Macintosh, Novell, UNIX, AS400**

MX-M503N/MX-M453N/MX-M363N High Performance Black & White Multifunction Systems

Easy, efficient copying

Everything about these latest MFPs has been optimised for speed, efficiency and ease of use. Not only do they copy just as quickly as they print but they have a first-copy-out time of only 4.6 seconds or 3.9 seconds depending on the model.

The quality is exactly what you've come to expect from Sharp. The 1200 x 1200 dpi resolution is supported by a 256-level greyscale for reproducing fine lines and delicate halftones; digital auto exposure control delivers optimum copy contrast, and selectable text and photo modes ensure accurate copies every time.

They help everyone stay productive, too, with a whole range of advanced copy functions that deliver exceptional versatility. Book Copy, for example, is great for compiling copies of a book (or other bound original) directly into pamphlet format. The Card Shot feature lets you copy both sides of a card, such as an ID card or licence, on to one page in a one-touch operation, and the Tab Copy/Print function makes it easy to copy or print directly on to the tabs on document separators.

At a glance

- *Fast first copy time* of just 3.9 seconds (4.6 seconds with MX-M363N).
- **High-speed 100-sheet A3 Duplex Single Pass Feeder (DSPF)** *for quick and easy double-sided copying.*
- *Mixed Size Original Copy mode* automatically recognises documents of different sizes and chooses the appropriate paper.
- *Electronic sorting and offset stacking* with space-saving inner finisher to keep jobs separate.
- *Job Build function* for easier management of large, multi-page jobs even if they exceed the capacity of the DSPF.
- *Image editing functions*, including multi-shot, multi-page enlargement, image repeat and mirror image for extra versatility.
- *Proof copy function* lets you produce a test set of documents before committing to a long run.
- *Cover/transparency insertion* for the effortless creation of professional-looking documents.
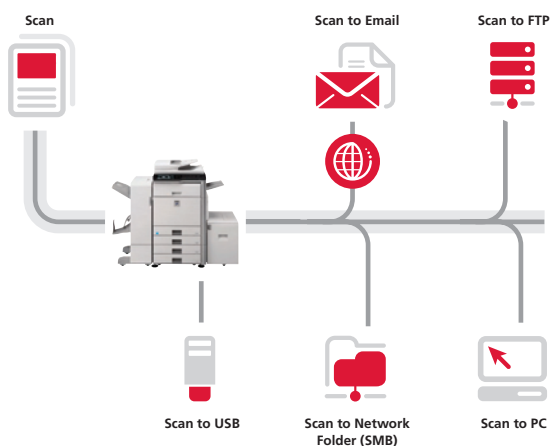
Fast colour network scanning

Each of the new MX-M503N, MX-M453N and MX-M363N MFPs can race through large scanning jobs, handling up to 70 originals per minute whether they are black and white or colour, and single- or double-sided.

A retractable keyboard makes it easy to add data to scanned documents and to select multiple destinations including email recipients, network folders, FTP servers, your desktop, or a USB memory stick. You can also scan documents directly to a choice of formats including XPS, JPEG, TIFF and PDF, as well as the High-Compression PDF format[*1] for smaller files, faster transfers and lower network overheads.

At a glance

- *Full-colour scanning* to your PC, e-mail recipients, FTP servers, network folders, or a memory stick that plugs into an easily accessible USB port.
- *Retractable keyboard* for easy data entry.
- *DSPF scans both sides of the page simultaneously* at a speed of 70 originals per minute.
- *Mixed-size original scanning* automatically accommodates documents of different sizes.
- *Compatible with TWAIN-compliant* network applications.
- *Includes Sharpdesk™* document management software.
- *Lightweight Directory Access Protocol (LDAP)* allows easy browsing of e-mail addresses for rapid distribution of scanned documents, as well as automatic synchronisation with your primary e-mail server.
- *Scan directly* to XPS, TIFF, JPEG, PDF, encrypted PDF and High-Compression PDF.[*1]
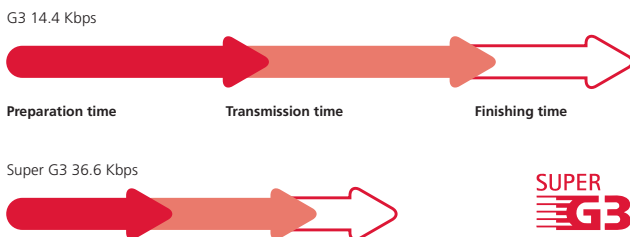
[*1] Requires optional MX-EBX3

Scan

Scan to Email

Scan to FTP

Scan to USB

Scan to Network
Folder (SMB)

Scan to PC

MX-M503N/MX-M453N/MX-M363N High Performance Black & White Multifunction Systems

Versatile faxing

You can extend the functionality of the new MFPs even further by specifying the optional fax expansion kit. Documents can either be scanned and sent over ultra-fast 33,600 bps Super G3 fax, or you can simply send digital files directly from your PC with the PC-Fax/PC-Internet Fax*1 function.

When faxes arrive, they can be automatically routed to a mailbox without being printed and you can view preview images to help you decide which ones you need a hard copy of.

G3 14.4 Kbps

Preparation time   **Transmission time**   **Finishing time**

Super G3 36.6 Kbps

SUPER G3

At a glance

- **Send or receive single- or double-sided faxes** up to A3 in size.
- **Super G3/JBIG compression** for extra speed and online transmission for faster operation.
- **Transmits faxes** in less than three seconds.
- **One-touch dialling** of up to 1,000 stored numbers.
- **Can broadcast faxes** to as many as 500 destinations.
- **Paperless faxing with inbound routing and thumbnail previews** lets you decide which faxes to print.
- **Flash memory** prevents data loss in a power failure.
- **Duplex faxing** lets you scan and send two-sided documents and print incoming faxes onto both sides of paper.
- **Internet fax*1** with Direct SMTP support means that outgoing internet faxes do not go via the mail server, making transmission faster and cheaper.
- **PC-Fax/PC-Internet Fax*1** lets you send data directly from a PC to a fax machine without printing to paper.
- **Fax Destination Confirmation** prevents transmission errors by letting you reconfirm fax numbers before sending.

*1 PC-Fax requires optional MX-FXX2 and PC-Internet Fax requires optional MX-FWX1

Automated fax finishing

A built-in duplex module saves resources by automatically printing inbound faxes on both sides of the page; you can set the machine to automatically make copies for distribution, and if you have the optional finisher installed it will even staple multi-page faxes to keep them organised.

with **Colour Network Scanning**

Powerful document management

Your new Sharp MFP comes complete with everything you need to manage your document workflow. An 80 GB integrated hard drive gives you plenty of space to save scanned files for future retrieval and you can even store and repeat entire print runs without recreating the job.

Up to **3,000 files or 20,000 pages**[*1] of copy, print, scan, and fax[*2] data can be filed in up to **1,000 shared, long-term storage in folders**, and up to **1,000 files or 10,000 pages**[*1] **placed in temporary storage** for repeating jobs without having to recreate them. To access them, simply browse the thumbnail previews on the LCD panel, make a selection and enter your PIN.

Easy document management with Sharpdesk™
Sharpdesk document management software is a desktop-based solution that's capable of handling more than 200 different file formats. It lets you browse, sort, search and share files as well being able to create documents that combine scanned and operator-created data.

- Intuitive desktop display features **thumbnail viewing**.
- Sharpdesk Imaging provides **annotation tools** for paper-free proofreading.
- Sharpdesk **Composer** combines different types of files into a single document.
- **Optical character recognition** converts documents into editable text files.
- **Output zone** distributes files to e-mail, printers and other applications.
- **File search** allows searching by file name, keyword or thumbnail.

Sharp OSA® (Open Systems Architecture)
You can enhance the productivity of the MX-M503N, MX-M453N and MX-M363N still further, thanks to Sharp OSA (Open Systems Architecture) which lets 3rd party developers directly integrate the MFP with your business applications. There are three optional Sharp OSA modules:

- **Application Integration Module (MX-AMX1)** – lets users add data to scanned documents before sending them directly to applications for processing and archiving.

- **Application Communication Module (MX-AMX2)** – lets remote applications create, configure, and execute scanning and printing jobs on the MFP.

- **External Account Module (MX-AMX3)** – tracks usage by individuals and workgroups and restricts usage according to individual access rights.

*1 Measured using Sharp's standard chart (A4 with 6% coverage, B/W). The Quick File Folder shares the HDD with the Job Build function; up to 12GB of data storage is available when using both functions. The storage capacity will be less for colour pages.

*2 For fax and Internet fax jobs, only transmitted data (not received faxes) can be saved in the Document Filing function.

Integrated device management

Like all Sharp MFPs, the MX-M503N, MX-M453N and MX-M363N are easy to configure and support, and multiple devices can be managed from a single remote location. The result is minimum time and effort for maximum work efficiency.

Web-based system settings
Administrators can configure important system settings such as address book control, document filing management, and operator access control from across the network as well as from the front control panel.

Access control
You can keep control of running costs by restricting who can use the MFP and for what purpose, giving permission to carry out long print or copy runs to specific individuals only, for example.

Access and usage rights can be set up for different workgroups and departments, with further control achieved through the configuration of up to 1,000 password-protected user accounts with customised settings.

Remote diagnosis
The MX-M503N, MX-M453N and MX-M363N can be monitored remotely through a web browser and conditions such as 'Low Toner' will appear on the MFP's web page. In addition, features such as E-Mail Status and Alert will automatically create and send email alerts when corrective action or maintenance is required.

Network utility software
Sharp's Printer Administration Utility (PAU), supplied as standard, makes the configuration of printers and MFPs quicker and easier than ever before. With PAU, you can monitor any SNMP-compliant printer on the network, without ever leaving your desk and enjoy complete, real-time control of your printer fleet through any standard web browser. Error-reporting, technical support, driver installation, printer configuration: everything is easier and more accessible.

Another network utility, **Sharp Printer Status Monitor**, lets people check the MFP's operating status, toner levels, paper supplies and features before they start a job, as well as displaying an icon on the desktop when the work has been completed and the documents are ready for collection.

Device cloning for rapid deployment
It is quick and easy to deploy Sharp MFPs. Simply set up the first one, copy its settings and then transfer the entire configuration to each additional machine via a web browser. For extra convenience, you can edit the settings before transferring them.
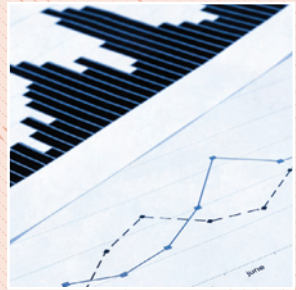
Remote operation for easier support
The remote access interface saves time and effort while minimising downtime by letting your support staff view and operate the MFP's control panel without leaving their desks. The support technician simply opens a web browser and either fixes the problem directly or gives step-by-step training to the operator to achieve the same result.

with **Colour Network Scanning**

Industry-leading multi-layer **security**

The MX-M503N, MX-M453N and MX-M363N safeguard sensitive data with powerful encryption technology and advanced security functions that provide multiple levels of network and data security.

Document Control Function

Document Control[1] prevents the unauthorised copying, scanning, faxing and filing of confidential documents by adding copy-prevention data to a document when it is first copied or printed. If someone subsequently tries to make a copy of the document, the MFP detects this data and cancels the job or outputs a blank page[2].

Data Security Kit

Digital copiers, printers and MFPs can retain hundreds of pages of confidential information from previous jobs on their hard disks or internal memory. To protect this information from unauthorised access, the optional Data Security Kit automatically encrypts the data or securely erases it on completion of the job. It also encrypts the address book.
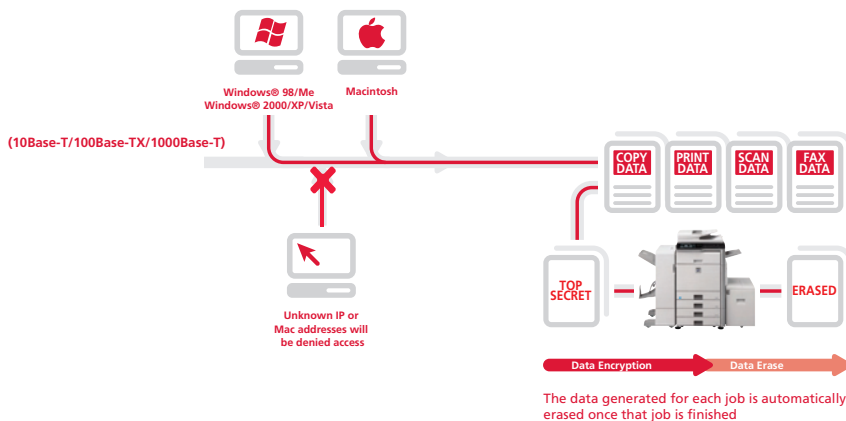
At a glance

- **Data Security Kit**[1] encrypts data on the hard disk and internal memory, removing it safely and completely after use.
- **Secure Network Card** provides network port and protocol management to prevent direct connection and access by unauthorised users.
- **Secure Sockets Layer (SSL)** and IPsec encrypts data communications to prevent data leakage through the network.
- **Encrypted PDF** with password protection prevents unauthorised viewing of confidential image data.
- **Document Control**[1] prevents unauthorised copying, scanning, faxing and filing.
- **Supports IEEE 802.1X standard** for port based network control.
- **User authentication** requires logging into the machine with passwords for machine access.
- **Confidential data storage** and printing protects sensitive information by requiring the user to enter a PIN code before the documents are produced.
- **Secure data storage for Document Filing**[1] - all data that goes through the hard disk is encrypted, while passwords used in the Advanced Filing function ensure solid security.[3]

[1] Requires optional Data Security Kit. Document Control Function may not work for certain types of documents and paper.

[2] May also output a blank page if paper has already been fed for the job before the MFP detects the copy prevention data.

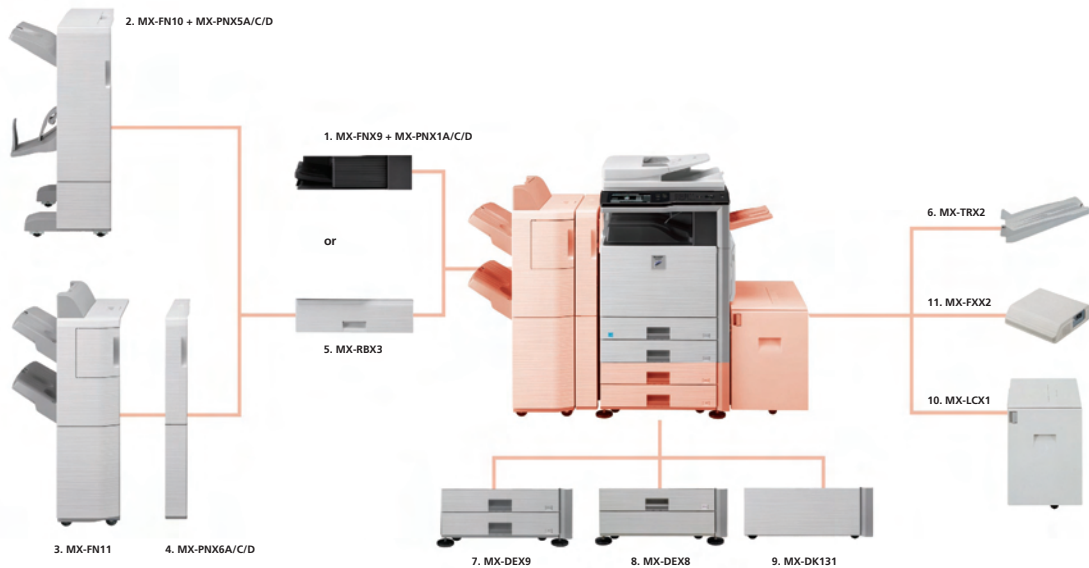[3] Password Protection is provided as standard. Encryption is optional.

Windows® 98/Me
Windows® 2000/XP/Vista   Macintosh

(10Base-T/100Base-TX/1000Base-T)

COPY DATA   PRINT DATA   SCAN DATA   FAX DATA

Unknown IP or
Mac addresses will
be denied access

TOP SECRET   ERASED

Data Encryption → Data Erase

The data generated for each job is automatically erased once that job is finished

MX-M503N/MX-M453N/MX-M363N **- Options**

2. MX-FN10 + MX-PNX5A/C/D

1. MX-FNX9 + MX-PNX1A/C/D

or

5. MX-RBX3

6. MX-TRX2

11. MX-FXX2

10. MX-LCX1

3. MX-FN11   4. MX-PNX6A/C/D

7. MX-DEX9   8. MX-DEX8   9. MX-DK131

Finishing

1. MX-FNX9 Finisher
A3 to B5 (offset/staple), A3W to A5R (non offset)
Offset tray (upper): max. 500-sheet paper capacity[*1]
Stapling capacity: max. 50-sheet multi-position staple[*1]
Staple position: 3 locations (front, rear or 2 point stitching)[*1]

Optional Punch Module for MX-FNX9
MX-PNX1A - 2 Hole Punch Module
MX-PNX1C - 4 Hole Punch Module
MX-PNX1D - 4 Hole Wide Punch Module

2. MX-FN10 Saddle Stitch Finisher (1,000-Sheet)
A3 to B5 (offset/staple), A3W to A5R (non offset)
Offset tray (upper): max.1,000-sheet paper capacity[*1]
Stapling capacity: max. 50-sheet multi-position staple[*1]
Staple position: 3 locations (front, rear or 2 point stitching)[*1]
Saddle stitch tray (lower): 10 sets (11-15 sheets), 15 sets (6-10 sheets), 20 sets (1-5 sheets). 15 sheets max per set.

Optional Punch Module for MX-FN10
MX-PNX5A - 2 Hole Punch Module
MX-PNX5C - 4 Hole Punch Module
MX-PNX5D - 4 Hole Wide Punch Module

3. MX-FN11 High Capacity Finisher (4,000-Sheet)
A3 to B5 (offset/staple), A3W to A5R (non staple/offset)
Upper tray max. 1,550 sheets capacity[*1]
Lower tray max. 2,450 sheets capacity[*1]
Stapling capacity: max. 50-sheet multi position staple[*1]
Staple position: 3 locations (front, rear or 2 point stitching)[*1]

4. Optional Punch Module for MX-FN11
MX-PNX6A - 2 Hole Punch Module
MX-PNX6C - 4 Hole Punch Module
MX-PNX6D - 4 Hole Wide Punch Module

5. MX-RBX3 Paper Pass Unit
Required when using MX-FN10 or MX-FN11

6. MX-TRX2 Exit Tray Unit

Base Unit

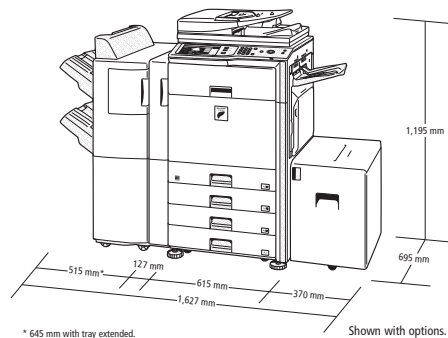**7. MX-DEX9 Stand with 2 x 500 Sheet Paper Drawers**
A3 to B5R, 500 sheets each (80 g/m²) for lower and upper trays

8. MX-DEX8 Stand with 500 Sheet Paper Drawer
A3 to B5R, 500 sheets (80 g/m²)

9. MX-DK131 Cabinet

10. MX-LCX1 3,500 Sheet Large Capacity Tray
A4 or B5, 3,500 sheets (80 g/m²)

Connectivity Board

MX-KBX2 Keyboard
MX-SMX3 Expansion Memory Board (1GB)

Printing

MX-PKX1 PS3 Expansion Kit
Enables PostScript printing
MX-PUX1 XPS Expansion Kit
(MX-SMX3 is required)
AR-PF1 Barcode Font Kit

Faxing

11. MX-FXX2 Fax Expansion Kit
Super G3 fax module
MX-FWX1 Internet Fax Expansion Kit

Scanning

AR-SU1 Stamp Unit
Marks already scanned documents for checking
MX-EBX3 Enhanced Compression Kit

Sharpdesk™ Licenses

MX-USX1 x 1 user   **MX-USX5 x 5 users**
MX-US10 x 10 users   **MX-US50 x 50 users**
MX-USA0 x 100 users

Security
MX-FR14U Data Security Kit Commercial Version[*2]
MX-FR14 Data Security Kit Common Criteria Certified[*2]

Sharp OSA®

MX-AMX1 Application Integration Module
MX-AMX2 Application Communication Module
MX-AMX3 External Account Module

Some options may not be
available in some areas

1,195 mm

695 mm

515 mm*   127 mm
615 mm   370 mm
1,627 mm

* 645 mm with tray extended.   Shown with options.

[*1] A4 or smaller, 80g/m²
[*2] Available at a later date

Specifications

General

Engine speed (max.)	A4	A3
MX-M503N	50 ppm/cpm	22 ppm/cpm
MX-M453N	45 ppm/cpm	20 ppm/cpm
MX-M363N	36 ppm/cpm	17 ppm/cpm
Paper size	Max. A3W (via bypass), min. A5R	
Paper capacity	Standard: 1,100 sheets	
	(2 x 500-sheet drawer and 100-sheet multi-bypass tray)	
	Maximum: 5,600 sheets	
	(4 x 500-sheet drawer, 3,500-sheet large capacity tray	
	and 100-sheet multi-bypass tray)	
Paper weight	Drawer: 60 g/m² – 209 g/m²	
	Large-capacity tray: 60 g/m² – 105 g/m²	
	Multi-bypass tray: 56 g/m² – 209 g/m²	
Warm-up time	Less than 20 sec.	
Memory	(Copier) Standard 640MB	
	(Printer) Standard 1GB, Maximum 2GB	
	80GB HDD[*1]	
Power requirement	Rated local AC voltage ±10%, 50/60 Hz	
Power consumption (max.)	1.84 kW (220 to 240V)	
Dimensions (W x D x H)	645 x 695 x 935 mm	
Weight (approx.)	95 kg	

Copier

Original paper size	Max. A3
First copy time[*2] (sec)	
MX-M503N	3.9
MX-M453N	3.9
MX-M363N	4.6
Continuous copy	Max. 999 copies
Resolution (max.)	1,200 x 1,200 dpi, 600 x 600 dpi
Gradation	Equivalent to 256 levels
Zoom range	25 to 400% (25 to 200% using DSPF) in 1% increments
Preset copy ratios	10 ratios (5R/5E)

Network Colour Scanner

Scan method	Push scan (via control panel), pull scan (TWAIN-compliant application)
Resolution	Push scan: 100, 200, 300, 400, 600 dpi
	Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi
	50 to 9,600 dpi via user setting
File formats	TIFF, PDF, encrypted PDF, JPEG (colour only), XPS[*3],
	high-compression PDF[*4]
Scanner utility	Sharpdesk
Scan destinations	Scan to e-mail, desktop, FTP server, network folder (SMB), USB memory

Document Filing

Document filing capacity	Main and custom folders: 38GB, 20,000 pages[*5] or 3,000 files
	Quick file folder: 12GB, 10,000 pages[*5] or 1,000 files
Stored jobs	Copy, print, scan, fax transmission[*6]
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection

Network Printer

Resolution	1,200 x 1,200 dpi, 600 x 600 dpi
Interface	USB 2.0
	10Base-T/100Base-TX/1000Base-T
Supported OS[*7]	Standard: Windows NT® 4.0 SP5 or later,
	Windows Server® 2003/2008,
	Windows® 98/Me/2000/XP, Windows Vista®
	Optional: Mac OS 9.0 – 9.2.2, Mac OS X 10.2.8, 10.3.9,
	10.4.11, 10.5 – 10.5.5
Network protocols[*7]	TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), NetBEUI, EtherTalk (AppleTalk)
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP,
	Novell Printserver application with NDS and Bindery,
	FTP for downloading print files, EtherTalk printing, IPP
PDL (emulation)	Standard: PCL 6/5e emulation
	Option[*8]: PS3 emulation, XPS
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation

Facsimile (optional MX-FXX2 required)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds[*9]
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	Standard: 203.2 x 97.8 dpi
	Super Fine: 406.4 x 391 dpi
Recording width	A3 to A5
Memory	8MB flash memory
Grey scale levels	Equivalent to 256 levels

SHARP