

SHARP®

MODEL: MX-M850
MX-M950
MX-M1100

DIGITAL MULTIFUNCTIONAL SYSTEM

Safety Guide

Before installing this product, be sure to read the "CAUTIONS" and "INSTALLATION REQUIREMENTS" sections.

CAUTIONS

INSTALLATION REQUIREMENTS

SUPPLIES

SPECIFICATIONS

INFORMATION ON DISPOSAL

TO THE ADMINISTRATOR OF THE MACHINE

Keep this manual close at hand for reference whenever needed.

Each instruction also covers the optional units used with these products.

Caution!

For complete electrical disconnection, pull out the main plug.

The socket-outlet shall be installed near the equipment and shall be easily accessible.

To reduce the risk of fire, use only UL-Listed No.26 AWG or larger telecommunication line cord.



Shielded interface cables must be used with this equipment to maintain compliance with EMC regulations.

Required in IEC-950 (EN 60 950) - Europe

- The equipment should be installed near an accessible socket outlet for easy disconnection.

Required in Appendix ZB of BS 7002 (En 60 950) — United Kingdom

MAINS PLUG WIRING INSTRUCTIONS

The mains lead of this equipment is already fitted with a mains plug which is either a non-rewireable (moulded) or a rewireable type. Should the fuse need to be replaced, a BSI or ASTA approved fuse to BS1362 marked  or  and of the same rating as the one removed from the plug must be used.

Always refit the fuse cover after replacing the fuse on the moulded plug. Never use the plug without the fuse cover fitted.

In the unlikely event of the socket outlet in your home not being compatible with the plug supplied either cut-off the moulded plug (if this type is fitted) or remove by undoing the screws if a rewireable plug is fitted and fit an appropriate type observing the wiring code below.


DANGER: The fuse should be removed from the cut-off plug and the plug destroyed immediately and disposed of in a safe manner. Under no circumstances should the cut-off plug be inserted elsewhere into a 13A socket outlet as a serious electric shock may occur.

To fit an appropriate plug to the mains lead, follow the instructions below:

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

GREEN-AND-YELLOW:	Earth
BLUE:	Neutral
BROWN:	Live

As the colours of the wires in this mains lead may not correspond with coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured **GREEN-AND-YELLOW** must be connected to the terminal in the plug which is marked with the letter **E**, or by the safety earth symbol , or coloured green or green-and-yellow.

The wire which is coloured **BLUE** must be connected to the terminal which is marked with the letter **N** or coloured black.

The wire which is coloured **BROWN** must be connected to the terminal which is marked with the letter **L** or coloured red.

If you have any doubt, consult a qualified electrician.

WARNING: THIS APPARATUS MUST BE EARTHED.

EMC (this machine and peripheral devices)

Warning:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

This machine contains the software having modules developed by Independent JPEG Group.

For the users of the fax function

FAX interface cable and Line cable:

These special accessories must be used with the device.

The Declaration of Conformity can be viewed at the following URL address.
<http://www.sharp.de/doc/MX-FXX1.pdf>

Important Notice for New Zealand Users

General

"The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services."

This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in these circumstances. This condition typically applies to 56 kbit/s modems.

This equipment shall not be set up to make automatic calls to Telecom's 111 Emergency Service.

This equipment should not be used under any circumstances that may constitute a nuisance to other Telecom customers.

This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

In order to operate within the limits for compliance with Telecom's specifications, the associated equipment shall be set to ensure that automatic calls to different numbers are spaced such that there is not less than 5 seconds between the end of one call attempt and the beginning of another.

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Note:

- Considerable care has been taken in preparing this manual. If you have any comments or concerns about the manual, please contact your dealer or nearest authorised service representative.
- This product has undergone strict quality control and inspection procedures. In the unlikely event that a defect or other problem is discovered, please contact your dealer or nearest authorised service representative.
- Aside from instances provided for by law, SHARP is not responsible for failures occurring during the use of the product or its options, or failures due to incorrect operation of the product and its options, or other failures, or for any damage that occurs due to use of the product.
- This manual contains references to the fax function. However, please note that the fax function is not available in some countries and regions.



Products that have earned the ENERGY STAR® are designed to protect the environment through superior energy efficiency.

Warranty

While every effort has been made to make this document as accurate and helpful as possible, SHARP Corporation makes no warranty of any kind with regard to its content. All information included herein is subject to change without notice. SHARP is not responsible for any loss or damages, direct or indirect, arising from or related to the use of this operation manual.

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CAUTIONS

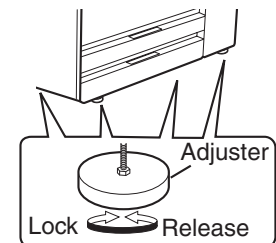
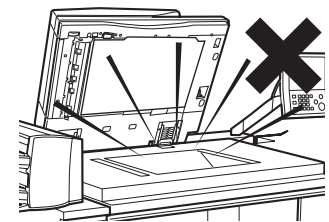
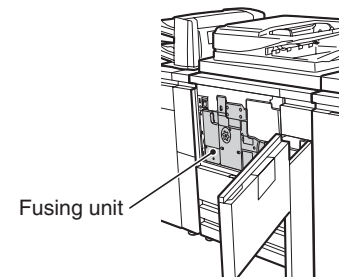
1. Do not touch the transfer belt. Scratches or smudges on the transfer belt will cause dirty prints.
2. The fusing unit is extremely hot. Exercise care in this area.
3. Do not look directly at the light source. Doing so may damage your eyes.
4. When the machine is installed, the adjusters (4) must be lowered to the floor to secure the machine (prevent it from moving).

Rotate the adjusters in the locking direction until they are in firm contact with the floor.

If you find it necessary to reposition the machine due to rearrangement of your office layout or other reason, retract the adjusters from the floor, turn off the power, and then move the machine.

(After moving the machine, lower the adjusters again to secure the machine.)

5. Do not make any modifications to this machine. Doing so may result in personal injury or damage to the machine.
6. The machine is heavy. To prevent injury when moving the machine, it is recommended that it be moved by four or more persons.
7. Do not make copies of anything which is prohibited from copying by law. The following items are normally prohibited from copying by national law. Other items may be prohibited by local law.
 - Money • Stamps • Bonds • Stocks
 - Bank drafts • Checks • Passports • Driver's licences
8. Do not use a flammable spray to clean the machine. If gas from the spray comes in contact with hot electrical components or the fusing unit inside the machine, fire or electrical shock may result.
9. Do not throw toner, a toner container (toner cartridge), or a waste toner box into a fire. Toner may fly and cause burns.
10. Store toner, toner containers (toner cartridges), and waste toner boxes out of the reach of children.



The machine includes the document filing function, which stores document image data on the machine's hard drive. Stored documents can be called up and printed or transmitted as needed. If a hard drive failure occurs, it will no longer be possible to call up the stored document data. To prevent the loss of important documents in the unlikely event of a hard drive failure, keep the originals of important documents or store the original data elsewhere.

With the exception of instances provided for by law, Sharp Corporation bears no responsibility for any damages or loss due to the loss of stored document data.

CAUTIONS

Laser information

Wave length	788 nm +12 nm -13 nm (Four laser diodes)
Pulse times (North America and Europe)	85 cpm model (4.9 μs ±4.9 ns)/7 mm 95 cpm model (3.6 μs ±3.6 ns)/7 mm 110 cpm model (3.6 μs ±3.6 ns)/7 mm
Output power	Max 2.25 mW (Total Power)

At the production line, the output power of the scanner unit is adjusted to 1.2 MILLIWATT (Total Power) PLUS 5% and is maintained constant by the operation of the Automatic Power Control (APC).

Caution
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This Digital Equipment is CLASS 1 LASER PRODUCT (IEC 60825-1 Edition 1.2-2001)

For North America:

SAFETY PRECAUTIONS

This Digital Equipment is rated Class 1 and complies with 21 CFR 1040.10 and 1040.11 of the CDRH standards. This means that the equipment does not produce hazardous laser radiation. For your safety, observe the precautions below.

- Do not remove the cabinet, operation panel or any other covers.
- The equipment's exterior covers contain several safety interlock switches. Do not bypass any safety interlock by inserting wedges or other items into switch slots.

For Europe:

- CLASS 1 LASER PRODUCT
- LASER KLASSE 1
- LUOKAN 1 LASERLAITE
- KLASS 1 LASERAPPARAT

CAUTION
CLASS 3B INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

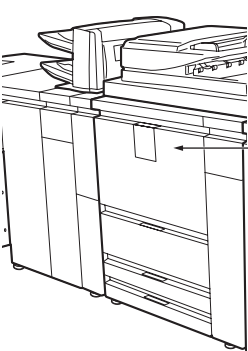
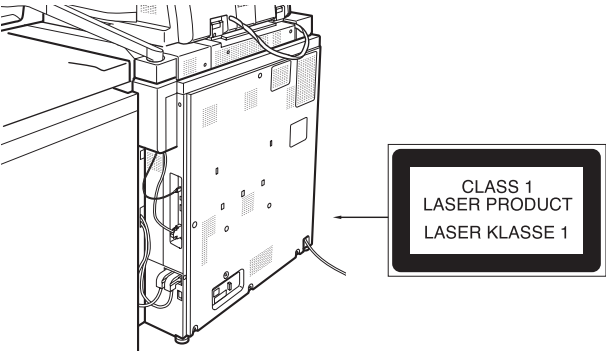
VORSICHT
UNSICHTBARE LASERSTRAHLUNG DER KLASSE 3B, WENN ABDECKUNG GEÖFFNET UND SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN.

ADVARSEL
USYNLIG LASERSTRÅLNING AF KLASSE 3B VED ÅBNING, NÅR SIKKERHEDSBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLNING.

ADVARSEL
USYNLIG KLASSE 3B LASERSTRÅLNING NÅR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN.

VARNING
OSYNLIG LASERSTRÅLNING KLASSE 3B NÅR DENNA DEL ÄR ÖPPNAD OCH SPÄRRAR ÄR URKOPPLADE. UNDVIK EXPONERING FÖR STRÅLEN.

VARO!
AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTÖNTÄ LUOKAN 3B LASERÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.



The above label is affixed to the laser unit inside the machine.

INSTALLATION REQUIREMENTS

Improper installation may damage this product. Please note the following during initial installation and whenever the machine is moved.

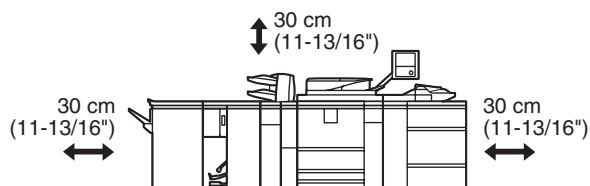
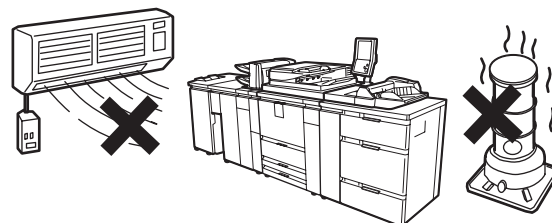
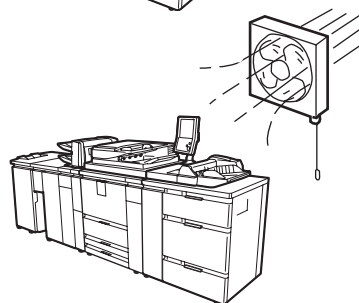
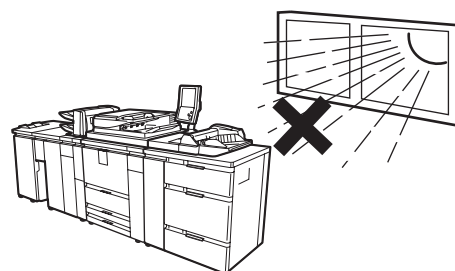
1. The machine should be installed near an accessible power outlet for easy connection.
2. Be sure to connect the power cord only to a power outlet that meets the specified voltage and current requirements. Also make certain the outlet is properly grounded.
 - For the power supply requirements, see the name plate in the lower right corner of the back of the machine.

Connect the machine to a power outlet which is not used for other electric appliances. If a lighting fixture is connected to the same outlet, the light may flicker.

3. Do not install the machine in areas that are:
 - damp, humid, or very dusty
 - exposed to direct sunlight
 - poorly ventilated
 - subject to extreme temperature or humidity changes, e.g., near an air conditioner or heater.

4. Be sure to allow the required space around the machine for servicing and proper ventilation.

5. The machine includes a built-in hard drive. Do not subject the machine to shock or vibration. In particular, never move the machine while the power is on.



When installing the machine, make sure that the sides and back of the machine are at least 30 cm (11-13/16") away from any walls.

A small amount of ozone is produced within the printer during operation. The emission level is insufficient to cause any health hazard.

NOTE:


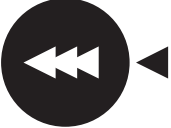
The present recommended long term exposure limit for ozone is 0.1 ppm (0.2 mg/m³) calculated as an 8 hr. time-weighted average concentration.

However, since the small amount that is emitted may have an objectionable odor, it is advisable to place the copier in a ventilated area.

SUPPLIES

Standard supplies for this product that can be replaced by the user include paper, toner cartridges, and staple cartridges for the finisher.

Be sure to use only SHARP-specified products for the toner cartridges, finisher staple cartridge, saddle stitch finisher staple cartridge, and transparency film.

  GENUINE SUPPLIES	For best copying results, be sure to use only Sharp Genuine Supplies which are designed, engineered, and tested to maximize the life and performance of Sharp products. Look for the Genuine Supplies label on the toner package.
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Storage of supplies

Proper storage

1. Store the supplies in a location that is:
 - clean and dry,
 - at a stable temperature,
 - not exposed to direct sunlight.
2. Store paper in the wrapper and lying flat.
3. Paper stored in packages standing up or out of the wrapper may curl or become damp, resulting in paper misfeeds.

Storing toner cartridges

Store a new toner cartridge box horizontally. Do not store it standing on end. If stored standing on end, the toner may not distribute well even after shaking the cartridge vigorously, and will remain inside the cartridge without flowing out.

Staple cartridge

The finisher and saddle stitch finisher require the following staple cartridge:

MX-SCX2 (for finisher)

Approx. 5000 per cartridge x 3 cartridges

MX-SCX3 (for saddle unit and saddle stitch finisher)

Approx. 2000 per cartridge x 4 cartridges

AR-SC2 (for finisher (for MX-M850) and saddle stitch finisher)

Approx. 5000 per cartridge x 3 cartridges

Supply of spare parts and consumables

The supply of spare parts for repair of the machine is guaranteed for at least 7 years following the termination of production. Spare parts are those parts of the machine which may break down within the scope of the ordinary use of the product, whereas those parts which normally exceed the life of the product are not to be considered as spare parts. Consumables too, are available for 7 years following the termination of production.

SPECIFICATIONS

Machine specifications / copier specifications

Name	Digital Multifunctional System MX-M850/MX-M950/MX-M1100	
Type	Console	
Photoconductive type	OPC drum	
Printing method	Electrophotographic system (laser)	
Developer system	Dry-type two-component magnetic brush development	
Fusing system	Heat rollers	
Scanning resolution	Document glass	600 x 300 dpi (factory default values), 600 x 600 dpi, 600 x 400 dpi
	Duplex single pass feeder (automatic document feeder)	600 x 300 dpi (factory default values), 600 x 600 dpi, 600 x 400 dpi
Printing resolution	600 x 600 dpi	
Scanning gradation	10 bits	
Printing gradation	2 tones (1 bit)	
Original sizes / types	Max. A3 (11" x 17") / sheets, bound documents	
Copy sizes	Maximum: A3W (12" x 18") Minimum: A5R (5-1/4" x 5-3/4")	
Print margins	Leading edge: 4 mm (11/64") or less, trailing edge: 4 mm (11/64") or less, near edge / far edge: total 5 mm (13/64") or less	
Warm-up time	240 seconds or less (at room temperature of 23°C (73.4°F) and rated voltage)	
First-copy time*	3.5 seconds (MX-M850) 3.0 seconds (MX-M950/MX-M1100) (Portrait feeding of A4 (8-1/2" x 11") sheets from 2nd paper tray.)	
Copy ratios	Variable: 25% to 400% in increments of 1%, total 376 increments (25% to 200% when the automatic document feeder is used) Fixed presets: 25%, 50%, 70%, 81%, 86%, 100%, 115%, 122%, 141%, 200% and 400% for AB sizes; 25%, 50%, 64%, 77%, 100%, 121%, 129%, 200% and 400% for inch sizes. Two reduction ratios and two enlargement ratios can be stored.	
Continuous copy	9999 copies	
Automatic document feeder	See "Automatic document feeder specifications".	
Tray 1	Paper sizes: A4, 8-1/2" x 11" Paper weight: Plain paper (60 g/m ² to 105 g/m ² (16 lbs. Bond to 28 lbs. Bond)) Paper capacity: 1200 sheets (80 g/m ² (21 lbs. Bond)) Paper types: SHARP-recommended plain paper, recycled paper, and coloured paper	
Tray 2	Paper sizes: A4, 8-1/2" x 11" Paper weight: Plain paper (60 g/m ² to 105 g/m ² (16 lbs. Bond to 28 lbs. Bond)) Paper capacity: 800 sheets (80 g/m ² (21 lbs. Bond)) Paper types: SHARP-recommended plain paper, recycled paper, and coloured paper	

* First copy out time is measured with original on the document glass in full ready condition with fuser at operating temperature and mirror motor at operating speed in black and white mode, actual time may vary based on environment conditions.

Machine specifications / copier specifications (Continued)

Tray 3	<p>Paper sizes: A3W, A3, B4, A4, A4R, B5, B5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R (Includes automatic paper size detection function.)</p> <p>Paper weight: Plain paper (60 g/m² to 105 g/m² (16 lbs. Bond to 28 lbs. Bond)), heavy paper (106 g/m² to 205 g/m² (28 lbs. Bond to 56 lbs. Index))</p> <p>Paper capacity: 500 sheets (80 g/m² (21 lbs. Bond))</p> <p>Paper types: SHARP-recommended plain paper, recycled paper, coloured paper, and heavy paper</p>
Tray 4	<p>Paper sizes: A3W, A3, B4, A4, A4R, B5, B5R, A5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 5-1/2" x 8-1/2"R (Includes automatic paper size detection function. Paper sizes can be entered.)</p> <p>Paper weight: Plain paper (60 g/m² to 105 g/m² (16 lbs. Bond to 28 lbs. Bond)), heavy paper (106 g/m² to 205 g/m² (28 lbs. Bond to 56 lbs. Index))</p> <p>Paper capacity: 500 sheets (80 g/m² (21 lbs. Bond))</p> <p>Paper types: SHARP-recommended plain paper, recycled paper, coloured paper, heavy paper, transparency film, tab paper, and label sheets</p>
Duplex module	<p>Paper sizes: A3W, A3, B4, A4, A4R, B5, B5R, A5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm</p> <p>Paper weight: Plain paper (60 g/m² to 105 g/m² (16 lbs. Bond to 28 lbs. Bond)), heavy paper (106 g/m² to 205 g/m² (28 lbs. Bond to 110 lbs. Index))</p> <p>Paper types: SHARP-recommended plain paper, recycled paper, coloured paper, and heavy paper</p>
Output tray (Centre tray)*	<p>Output method: Face-down output or face-up output</p> <p>Output capacity: 250 sheets (80 g/m² (21 lbs. Bond)) (The maximum number of sheets that can be held varies depending on ambient conditions in the installation location, the type of paper, and the storage conditions of the paper.)</p>
Interface port	<p>LAN connectivity: 10Base-T / 100Base-TX</p> <p>USB connectivity: Type A connector supports USB 2.0 (Full speed) Type B connector supports USB 2.0 (Hi speed)</p>
Required power supply	Local voltage $\pm 10\%$ (For the power supply requirements, see the name plate in the lower right corner of the back of the machine.)
Power consumption	<p>MX-M850: 1.87 kW + 0.4 kW (220-240V)</p> <p>MX-M950/MX-M1100: 3.07 kW (220-240V)</p>
Dimensions	1301 mm (W) x 771 mm (D) x 1518 mm (H) (51-13/64" (W) x 30-11/32" (D) x 59-3/4" (H)) (including the operation panel)
Weight	Approx. 300 kg (661.4 lbs.)
Overall dimensions	1642 mm (W) x 771 mm (D) (64-5/8" (W) x 30-11/32" (D)) (when bypass tray is extended)

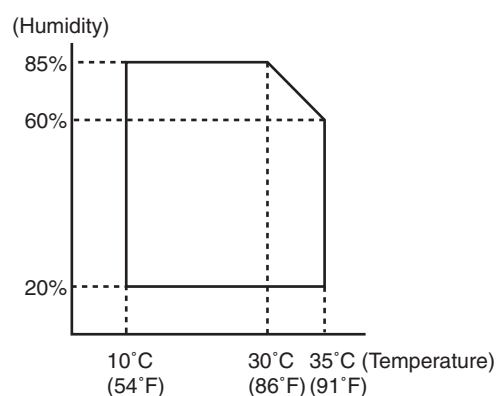
* Output tray (Centre tray) cannot be used when the finisher (MX-FNX5 or MX-FNX6) or saddle stitch finisher (MX-FNX7) is installed.

Continuous copying speeds*

Model	MX-M850	MX-M950	MX-M1100
Copy ratio	100% / Reduced / Enlarged		
A3W, 12" x 18"	34 copies/min. (42 copies/min.)	36 copies/min. (48 copies/min.)	39 copies/min. (57 copies/min.)
A3, 8K	36 copies/min. (48 copies/min.)	38 copies/min. (53 copies/min.)	41 copies/min. (61 copies/min.)
11" x 17"	36 copies/min. (47 copies/min.)	38 copies/min. (51 copies/min.)	41 copies/min. (59 copies/min.)
B4, 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13"	45 copies/min. (54 copies/min.)	47 copies/min. (59 copies/min.)	50 copies/min. (68 copies/min.)
A4, B5, A5R, 8-1/2" x 11", 5-1/2" x 8-1/2"R, 16K	85 copies/min. (85 copies/min.)	95 copies/min. (95 copies/min.)	110 copies/min. (110 copies/min.)
A4R, B5R, 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 16KR	57 copies/min. (64 copies/min.)	59 copies/min. (70 copies/min.)	63 copies/min. (79 copies/min.)

* Copy speed during output of the second copy and following copies when performing continuous one-sided copying of the same page and offset output is not used. The number in parentheses () is the value when the reverse-order output function is used.

Ambient environment



SPECIFICATIONS

Acoustic noise emission* (measurement according to ISO7779)

Sound power level L _{WA}			
Model		MX-M850/MX-M950	MX-M1100
Printing mode		7.8 B	7.8 B
Standby mode		5.2 B	5.2 B
Sound pressure level L _{pA} (actual measurement)			
Model		MX-M850/MX-M950	MX-M1100
Printing mode	Bystander positions	61 dB(A)	61 dB(A)
	Operator position	67 dB(A)	67 dB(A)
Standby mode	Bystander positions	37 dB(A)	37 dB(A)
	Operator position	45 dB(A)	44 dB(A)

* Noise emission when peripheral devices are installed.

Emission concentration (measurement according to RAL-UZ62: Edition Jan. 2002)

Ozone	0.02 mg/m ³ or less
Dust	0.075 mg/m ³ or less
Styrene	0.07 mg/m ³ or less

Automatic document feeder specifications

Original sizes	A3 to A5, 11" x 17" to 8-1/2" x 11", long paper (max. width 297 mm (11-45/64") x max. length 800 mm (31-31/64"), scanning in mono 2 mode of one side only is possible in fax and image scan modes)
Original weight	One-sided 38 g/m ² to 205 g/m ² (12 lbs. Bond to 110 lbs. Index) (Paper weights from 38 g/m ² (12 lbs. Bond) to 49 g/m ² (13 lbs. Bond) require the use of slow scan mode.) Two-sided 52 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index)
Capacity	250 sheets (80 g/m ² (21 lbs. Bond)) Maximum stack height of 32.5 mm (1-9/32")

Large capacity trays (MX-LCX4) specifications

Model	MX-LCX4
Paper sizes	A4W, A4, B5, A5R, 9" x 12", 8-1/2" x 11", 5-1/2" x 8-1/2"R
Paper weight	Upper tray: 52 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index)) Middle tray: 52 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index)) Lower tray: 52 g/m ² to 163 g/m ² (16 lbs. Bond to 90 lbs. Index))
Paper capacity	Upper tray: 1000 sheets (80 g/m ² (21 lbs. Bond)) Middle tray: 1000 sheets (80 g/m ² (21 lbs. Bond)) Lower tray: 2550 sheets (80 g/m ² (21 lbs. Bond))
Paper types	SHARP-recommended plain paper, recycled paper, coloured paper, heavy paper, thin paper, transparency film, tab paper (upper tray, middle tray), label sheets (middle tray)
Power supply	Supplied from the machine
Dimensions	540 mm (W) x 730 mm (D) x 980 mm (H) (21-17/64" (W) x 28-47/64" (D) x 38-37/64" (H))
Weight	Approx. 88 kg (194.1 lbs.)
Overall dimensions when attached to machine	1410 mm (W) x 771 mm (D) (55-1/2" (W) x 30-11/32" (D))

Large capacity trays (MX-LCX5) specifications

Model	MX-LCX5*
Paper sizes	A3W, A3, B4, A4W, A4, A4R, B5, B5R, A5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13"-2/5, 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm (Includes automatic paper size detection function.)
Paper weight	Upper tray: 52 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index)) Middle tray: 52 g/m ² to 300 g/m ² (16 lbs. Bond to 170 lbs. Index)) Lower tray: 52 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index))
Paper capacity	Upper tray: 1000 sheets (80 g/m ² (21 lbs. Bond)) Middle tray: 2000 sheets (80 g/m ² (21 lbs. Bond)) Lower tray: 1000 sheets (80 g/m ² (21 lbs. Bond))
Paper types	SHARP-recommended plain paper, recycled paper, coloured paper, heavy paper, thin paper, transparency film, tab paper, label sheets (middle tray)
Power supply	Supplied from the machine
Dimensions	880 mm (W) x 730 mm (D) x 980 mm (H) (34-41/64" (W) x 28-47/64" (D) x 38-37/64" (H))
Weight	Approx. 165 kg (363.8 lbs.)
Overall dimensions when attached to machine	1755 mm (W) x 771 mm (D) (69-5/64" (W) x 30-11/32" (D))

* MX-LCX5 cannot be installed when the finisher (MX-FNX6) or saddle stitch finisher (MX-FNX7) is installed.

Bypass tray (for large capacity trays) specifications

Model	MX-MFX2*1
Paper sizes*2	A3W, A3, B4, A4W, A4, A4R, B5, B5R, A5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13"-2/5, 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm (Includes automatic paper size detection function. Paper sizes can be entered.)
Paper weight	52 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index))
Paper capacity	500 sheets (80 g/m ² (21 lbs. Bond))*3
Paper types	SHARP-recommended plain paper, recycled paper, coloured paper, heavy paper, thin paper, transparency film, tab paper
Power supply	Supplied from the large capacity trays
Dimensions	710 mm (W) x 560 mm (D) x 210 mm (H) (27-61/64" (W) x 22-3/64" (D) x 8-17/64" (H))
Weight	Approx. 18 kg (39.7 lbs.)

*1 Large capacity trays (MX-LCX4 or MX-LCX5) must be installed.

*2 When large capacity trays (MX-LCX4) are installed, the following paper sizes cannot be used: 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm

*3 Paper of height greater than 55 mm (2-11/64") cannot be loaded.

Large capacity tray (MX-LCX6) specifications

Model	MX-LCX6*
Paper sizes	A4, 8-1/2" x 11"
Paper weight	60 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index))
Paper capacity	3500 sheets (80 g/m ² (21 lbs. Bond))
Paper types	SHARP-recommended plain paper, recycled paper, coloured paper, heavy paper
Power supply	Supplied from the machine
Dimensions	376 mm (W) x 554 mm (D) x 523 mm (H) (14-13/16" (W) x 21-13/16" (D) x 20-19/32" (H))
Weight	Approx. 28 kg (61.8 lbs.)
Overall dimensions when attached to machine	1031 mm (W) x 771 mm (D) (15-13/64" (W) x 30-11/32" (D)) (Dimensions when the bypass tray (MX-MFX1) is also installed.)

* Requires the bypass tray (MX-MFX1).

Large capacity tray (MX-LCX3N) specifications

Model	MX-LCX3N*
Paper sizes	A3W, A3, B4, A4, A4R, B5, 12" x 18", 11" x 17", 8-1/2" x 14", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R
Paper weight	60 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index))
Paper capacity	3000 sheets (80 g/m ² (21 lbs. Bond))
Paper types	SHARP-recommended plain paper, recycled paper, coloured paper, heavy paper
Power supply	Supplied from the machine
Dimensions	700 mm (W) x 588 mm (D) x 522 mm (H) (27-9/16" (W) x 23-9/64" (D) x 20-35/64" (H))
Weight	Approx. 50 kg (110.3 lbs.)
Overall dimensions when attached to machine	1571 mm (W) x 771 mm (D) (61-13/64" (W) x 30-11/32" (D))

* Can be installed on the MX-M850. Also requires the bypass tray (MX-MFX1).

Bypass tray specifications

Model	MX-MFX1
Paper sizes	A3W, A3, B4, A4W, A4, A4R, B5, B5R, A5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, (Includes automatic paper size detection function. Paper size can be entered.)
Paper weight	60 g/m ² to 300 g/m ² (16 lbs. Bond to 170 lbs. Index))
Paper capacity	Standard paper 100 sheets (80 g/m ² (21 lbs. Bond))
Paper types	SHARP-recommended plain paper, recycled paper, coloured paper, heavy paper, thin paper, transparency film, tab paper, and label sheets
Dimensions	198.8 mm (W) x 503.5 mm (D) x 361.2 mm (H) (7-53/64" (W) x 19-53/64" (D) x 14-7/32" (H))
Weight	Approx. 5.1 kg (11.3 lbs.)

Insert tray specifications

Model	MX-CFX2*
Paper sizes	A3W, A3, B4, A4W, A4, A4R, B5, B5R, A5, A5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 5-1/2" x 8-1/2", 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm (Includes automatic paper size detection function. Paper size can be entered.)
Paper weight	60 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index) (When fed from the main unit, 52 g/m ² to 300 g/m ² (16 lbs. Bond to 170 lbs. Index).)
Paper capacity	Standard paper 200 sheets (80 g/m ² (21 lbs. Bond) (Both upper and lower trays)
Power supply	Supplied from the machine
Dimensions	540 mm (W) x 730 mm (D) x 1270 mm (H) (21-17/64" (W) x 28-47/64" (D) x 49-63/64" (H))
Weight	Approx. 45 kg (99.3 lbs.)

* Requires installation of the finisher (MX-FNX5).

Finisher specifications

Model		MX-FNX5	
Paper sizes*1		A3W, A3, B4, A4W, A4, A4R, B5, B5R, A5, A5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 5-1/2" x 8-1/2", 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm	
Paper weight		Top tray: 52 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index) Offset tray: 52 g/m ² to 300 g/m ² (16 lbs. Bond to 170 lbs. Index)	
Modes		Non-staple, staple	
Tray capacity*2	Top tray	500 sheets (A4, A4R, B5, B5R, A5, A5R, 8-1/2" x 11", 8-1/2" x 11"R, 5-1/2" x 8-1/2", 5-1/2" x 8-1/2"R, 16K, 16KR, 318 mm x 234 mm, 312 mm x 220 mm, 320 mm x 225 mm) 250 sheets (A3W, A3, B4, 12" x 18", 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 7-1/4" x 10-1/2"R, 8K, 318 mm x 469 mm, 312 mm x 440 mm, 320 mm x 450 mm) Folded paper 30 sheets (A3, B4, A4R, 11" x 17", 8-1/2" x 14", 8-1/2" x 11"R)	
	Offset tray*3	Non-stapling: 3000 sheets (A4, B5, 8-1/2" x 11") 1500 sheets (A3, B4, A4W, A4R, B5R, 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 8K, 318 mm x 234 mm, 312 mm x 220 mm, 320 mm x 225 mm) 1000 sheets (A3W, 12" x 18", 318 mm x 469 mm, 312 mm x 440 mm, 320 mm x 450 mm) 500 sheets (A5, 5-1/2" x 8-1/2") 100 sheets (A5R, 5-1/2" x 8-1/2"R) Folded paper 30 sheets (A3, B4, A4R, 11" x 17", 8-1/2" x 14", 8-1/2" x 11"R)	Stapling: 200 sets or 3000 sheets (A4, A4R, B5, B5R, 8-1/2" x 11", 8-1/2" x 11"R, 16K, 16KR) 150 sets or 1500 sheets (A3, B4, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 7-1/4" x 10-1/2"R, 8K)
Power supply		Supplied from the machine	
Dimensions		800 mm (W) x 730 mm (D) x 980 mm (H) (31-31/64" (W) x 28-47/64" (D) x 38-37/64" (H)) (When output tray is stored)	
Weight		Approx. 72.8 kg (160.5 lbs.)	
Overall dimensions when attached to machine		2101 mm (W) x 771 mm (D) (82-11/16" (W) x 30-11/32" (D))	
Stapler section			
Allowed paper sizes for stapling		A3, B4, A4, A4R, B5, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 8K, 16K, 16KR (Four stapling positions: one staple at bottom left corner, one staple at top left corner, one slanted staple at top left corner, and two staples.)	
Paper weight for stapling		60 g/m ² to 105 g/m ² (16 lbs. Bond to 28 lbs. Bond)	
Maximum number of sheets for stapling*3, 4		100 sheets (A4, A4R, B5, B5R, 8-1/2" x 11", 8-1/2" x 11"R) 50 sheets (A3, B4, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 7-1/4" x 10-1/2"R, 8K, 16K, 16KR) (50 sheets when the sheets are the same width but different lengths.)	

*1 A5 and 5-1/2" x 8-1/2" sizes must be fed from the inserter.

*2 Tray capacity assumes a paper weight of 80 g/m² (21 lbs. Bond). The maximum number of sheets that can be held varies depending on ambient conditions in the installation location, the type of paper, and the storage conditions of the paper.

*3 Up to 50 sheets can be stapled when the sheets are the same width but different lengths (A3 and A4, B4 and B5, 11" x 17" and 8-1/2" x 11"). In this case, up to 30 sets can be output to the offset tray.

*4 The maximum number of sheets for stapling assumes a paper weight of 80 g/m² (21 lbs. Bond) and includes two cover sheets that are 205 g/m² (110 lbs. Index). When folded paper is included, one folded sheet is equivalent to 10 regular sheets.

Finisher (for MX-M850) specifications

Model		MX-FNX6*1	
Paper sizes		A3W, A3, B4, A4W, A4, A4R, B5, B5R, A5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm	
Paper weight		Top tray: 52 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index) Offset tray: 52 g/m ² to 300 g/m ² (16 lbs. Bond to 170 lbs. Index)	
Modes		Non-staple, staple	
Tray capacity*2	Top tray	250 sheets (A4, 8-1/2" x 11" or smaller) 50 sheets (B4, 8-1/2" x 14" or larger)	
	Offset tray*3, 4	Non-stapling: 3000 sheets (A4, 8-1/2" x 11") 1500 sheets (A3W, A3, B4, A4W, A4R, B5, B5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm) 100 sheets (A5R, 5-1/2" x 8-1/2"R)	Stapling: 150 sets or 3000 sheets (A4, 8-1/2" x 11") 100 sets or 1500 sheets (A4R, B5, 8-1/2" x 11"R) 100 sets or 990 sheets (A3, B4, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 7-1/4" x 10-1/2"R, 8K, 16K, 16KR)
Power supply		Supplied from the machine	
Dimensions		657 mm (W) x 613 mm (D) x 960 mm (H) (25-55/64" (W) x 24-1/8" (D) x 37-25/32" (H))	
Weight		Approx. 45.9 kg (101.2 lbs.)	
Overall dimensions when attached to machine		1957.5 mm (W) x 771 mm (D) (77-3/64" (W) x 30-11/32" (D))	
Stapler section			
Allowed paper sizes for stapling		A3, B4, A4, A4R, B5, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 8K, 16K, 16KR (Four stapling positions: one staple at bottom left corner, one staple at top left corner, one slanted staple at top left corner, and two staples.)	
Paper weight for stapling		60 g/m ² to 105 g/m ² (16 lbs. Bond to 28 lbs. Bond)	
Maximum number of sheets for stapling*4, 5		50 sheets (A4, A4R, B5, B5R, 8-1/2" x 11", 8-1/2" x 11"R) 30 sheets (A3, B4, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 7-1/4" x 10-1/2"R, 8K, 16K, 16KR) (30 sheets when the sheets are the same width but different lengths.)	

*1 Can be installed on the MX-M850. MX-FNX6 cannot be installed when the large capacity trays (MX-LCX5) is installed.

*2 Tray capacity assumes a paper weight of 80 g/m² (21 lbs. Bond). The maximum number of sheets that can be held varies depending on ambient conditions in the installation location, the type of paper, and the storage conditions of the paper.

*3 The offset function cannot be used with A5R or 5-1/2" x 8-1/2"R size paper.

*4 Up to 30 sheets can be stapled when the sheets are the same width but different lengths (A3 and A4, B4 and B5, 11" x 17" and 8-1/2" x 11"). In this case, up to 50 sets can be output to the offset tray.

*5 The maximum number of sheets for stapling assumes a paper weight of 80 g/m² (21 lbs. Bond) and includes two cover sheets that are 176 g/m² (65 lbs. Cover).

Saddle stitch finisher specifications

Model		MX-FNX7*1	
Paper sizes		A3W, A3, B4, A4W, A4, A4R, B5, B5R, A5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm	
Paper weight		Top tray: 52 g/m ² to 205 g/m ² (16 lbs. Bond to 110 lbs. Index) Offset tray: 52 g/m ² to 300 g/m ² (16 lbs. Bond to 170 lbs. Index)	
Modes		Non-staple, staple, saddle stitch	
Tray capacity*2	Top tray	250 sheets (A4, 8-1/2" x 11" or smaller) 50 sheets (B4, 8-1/2" x 14" or larger)	
	Offset tray*3, 4	Non-stapling: 2000 sheets (A4, 8-1/2" x 11") 1000 sheets (A3W, A3, B4, A4W, A4R, B5, B5R, 12" x 18", 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm) 100 sheets (A5R, 5-1/2" x 8-1/2"R)	Stapling: 150 sets or 1950 sheets (A4, 8-1/2" x 11") 100 sets or 1000 sheets (A4R, B5, 8-1/2" x 11"R) 100 sets or 990 sheets (A3, B4, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 7-1/4" x 10-1/2"R, 8K, 16K, 16KR)
Power supply		Supplied from the machine	
Dimensions		657 mm (W) x 613 mm (D) x 960 mm (H) (25-55/64" (W) x 24-1/8" (D) x 37-25/32" (H))	
Weigh		Approx. 60.5 kg (133.4 lbs.)	
Overall dimensions when attached to machine		1957.5 mm (W) x 771 mm (D) (77-3/64" (W) x 30-11/32" (D))	
Stapler section			
Allowed paper sizes for stapling		A3, B4, A4, A4R, B5, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2"R, 8K, 16K, 16KR (Four stapling positions: one staple at bottom left corner, one staple at top left corner, one slanted staple at top left corner, and two staples.)	
Paper weight for stapling		60 g/m ² to 105 g/m ² (16 lbs. Bond to 28 lbs. Bond)	
Maximum number of sheets for stapling*4, 5		50 sheets (A4, A4R, B5, B5R, 8-1/2" x 11", 8-1/2" x 11"R), 30 sheets (A3, B4, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 7-1/4" x 10-1/2"R, 8K, 16K, 16KR) (30 sheets when the sheets are the same width but different lengths.)	
Saddle stitch section			
Stapling method		Fold in half and staple in two places on centreline	
Folding position		Fold at centreline (can be adjusted in the System Settings)	
Allowed paper sizes for saddle stitch stapling		A3W, A3, B4, A4R, B5R, 12" x 18", 11" x 17", 8-1/2" x 14", 8-1/2" x 11"R	
Allowed paper weights for saddle stitch stapling		60 g/m ² to 90 g/m ² (16 lbs. Bond to 24 lbs. Bond) (For covers, paper up to 176 g/m ² (65 lbs. Cover) can be used.)	
Number sheets for saddle stitch stapling / Number of sets		Maximum: 15 sheets / 10 sets (11 to 15 sheets), 15 sets (6 to 10 sheets), 30 sets (2 to 5 sheets)	

*1 Can be installed on the MX-M850. MX-FNX7 cannot be installed when the large capacity trays (MX-LCX5) is installed.

*2 Tray capacity assumes a paper weight of 80 g/m² (21 lbs. Bond). The maximum number of sheets that can be held varies depending on ambient conditions in the installation location, the type of paper, and the storage conditions of the paper.

*3 The offset function cannot be used with A5R or 5-1/2" x 8-1/2"R size paper.

*4 Up to 30 sheets can be stapled when the sheets are the same width but different lengths (A3 and A4, B4 and B5, 11" x 17" and 8-1/2" x 11"). In this case, up to 50 sets can be output to the offset tray.

*5 The maximum number of sheets for stapling assumes a paper weight of 80 g/m² (21 lbs. Bond) and includes two cover sheets that are 176 g/m² (65 lbs. Cover).

Punch module (for MX-FNX5) specifications

Model	MX-PNX3A*	MX-PNX3B*	MX-PNX3C*	MX-PNX3D*
Hole punching	3 holes / 2 holes (switch manually)	3 holes / 2 holes (switch manually)	4 holes / 2 holes (switch manually)	4 holes, broad width
Allowed paper sizes for punching	3 holes: A3, B4, A4, 11" x 17", 8-1/2" x 11"R, 5-1/2" x 8-1/2", 8K, 16K 2 holes: A3, B4, A4, A4R, B5, B5R, A5, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 5-1/2" x 8-1/2", 8K, 16K, 16KR	3 holes: A3, B4, A4, 11" x 17", 8-1/2" x 11" 2 holes: A3, B4, A4, A4R, B5, B5R, A5, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 5-1/2" x 8-1/2"	4 holes: A3, B4, A4, B5, 11" x 17", 8-1/2" x 11" 2 holes: A3, B4, A4, A4R, B5, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 5-1/2" x 8-1/2"	A3, B4, A4, A4R, B5, B5R, A5, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 5-1/2" x 8-1/2"
Punchable paper weights	52 g/m ² to 176 g/m ² (16 lbs. Bond to 65 lbs. Cover)			
Power supply	Supplied from finisher			
Dimensions	142 mm (W) x 456 mm (D) x 92 mm (H) (5-19/32" (W) x 17-61/64" (D) x 3-5/8" (H))			
Weight	Approx. 3.1 kg (6.9 lbs.)			

* Can be installed on the finisher (MX-FNX5).

Note:

Special media such as transparency film and label sheets cannot be stapled or punched.

Punch module (for MX-FNX6 or MX-FNX7) specifications

Model	MX-PNX4A*	MX-PNX4B*	MX-PNX4C*	MX-PNX4D*
Hole punching	2 holes	3 holes / 2 holes (switch manually)	4 holes / 2 holes (switch manually)	4 holes, broad width
Allowed paper sizes for punching	A3, B4, A4, A4R, B5, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 8K, 16K, 16KR	3 holes: A3, B4, A4, 11" x 17", 8-1/2" x 11" 2 holes: A3, A4, A4R, B5, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11"R	4 holes: A3, B4, A4, B5, 11" x 17", 8-1/2" x 11" 2 holes: A3, A4, A4R, B5, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11"R	A3, B4, A4, A4R, B5R, 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R
Punchable paper weights	52 g/m ² to 163 g/m ² (16 lbs. Bond to 90 lbs. Index)			
Power supply	Supplied from finisher (for MX-M850) / saddle stitch finisher			
Dimensions	95 mm (W) x 560 mm (D) x 170 mm (H) (3-3/4" (W) x 22-3/64" (D) x 6-45/64" (H))			
Weight	Approx. 1.3 kg (2.9 lbs.)			

* Can be installed on the finisher (MX-FNX6) or the saddle stitch finisher (MX-FNX7).

Note:

Special media such as transparency film and label sheets cannot be stapled or punched.

SPECIFICATIONS

Saddle unit specifications

Model	MX-FNX8*1
Paper sizes*2	A3, B4, A4W, A4, A4R, B5, B5R, A5, A5R, 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2", 5-1/2" x 8-1/2", 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm
Paper weight	52 g/m ² to 300 g/m ² (16 lbs. Bond to 170 lbs. Index)
Power supply	Supplied from the machine
Dimensions	600 mm (W) x 730 mm (D) x 980 mm (H) (23-5/8" (W) x 28-47/64" (D) x 38-37/64" (H))
Weight	Approx. 65 kg (143.4 lbs.)
Saddle stitch section	
Stapling method	Fold in half and staple in two places on centreline
Folding position	Fold at centreline (can be adjusted in the System Settings)
Allowed paper sizes for saddle stitch stapling	A3W, A3, B4, A4R, B5R, 12" x 18", 11" x 17", 8-1/2" x 14", 8-1/2" x 11"R
Allowed paper weights for saddle stitch stapling	60 g/m ² to 90 g/m ² (16 lbs. Bond to 24 lbs. Bond) (For covers, paper up to 176 g/m ² (65 lbs. Cover) can be used.)
Number sheets for saddle stitch stapling / Number of sets	Maximum: 15 sheets / 10 sets (11 to 15 sheets), 15 sets (6 to 10 sheets), 30 sets (2 to 5 sheets)

*1 Requires installation of the finisher (MX-FNX5).

*2 A5 and 5-1/2" x 8-1/2" sizes must be fed from the inserter.

Folding unit specifications

Model	MX-FDX1*1
Paper sizes*2	A3, B4, A4W, A4, A4R, B5, B5R, A5, A5R, 11" x 17", 9" x 12", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 7-1/4" x 10-1/2", 5-1/2" x 8-1/2", 5-1/2" x 8-1/2"R, 8K, 16K, 16KR, 318 mm x 469 mm, 318 mm x 234 mm, 312 mm x 440 mm, 312 mm x 220 mm, 320 mm x 450 mm, 320 mm x 225 mm
Paper weight	52 g/m ² to 300 g/m ² (16 lbs. Bond to 170 lbs. Index)
Power supply	Supplied from the machine*3
Dimensions	177 mm (W) x 620 mm (D) x 980 mm (H) (6-31/32" (W) x 24-13/32" (D) x 38-37/64" (H))
Weight	Approx. 55 kg (121.3 lbs.)
Folding section*4	
Folding speed	50 sheets/min (A4R, 8-1/2" x 11"R)
Paper sizes	A3, B4, A4R, 11" x 17", 8-1/2" x 14", 8-1/2" x 11"R
Paper weight	60 g/m ² to 90 g/m ² (16 lbs. Bond to 24 lbs. Bond)
Folding style	Accordion fold

*1 Requires installation of the finisher (MX-FNX5).

*2 A5 and 5-1/2" x 8-1/2" sizes must be fed from the inserter.

*3 The AC cord set of this product is only for use with this product.

*4 The folding function cannot be used in combination with the pamphlet staple or punch functions.

Printer specifications*1

Type	Built-in	
Continuous printing speed	Same as continuous copying speed (When printing same document continuously on A4 (8-1/2" x 11") plain paper in non-offset mode, excluding processing time.)	
Printing resolution	600 x 600 dpi / 1200 x 1200 dpi*2	
Printer driver type	PCL5e, PCL6, PostScript 3 compatible*3	
Supported protocols	TCP/IP, IPX/SPX, NetBEUI, EtherTalk	
Supported client PC operating systems	See "VERIFYING SYSTEM REQUIREMENTS" in the Software Setup Guide.	
Fonts	PCL5e, PCL6	80 European fonts, 28 barcode fonts*4, 1 bitmap font
	PostScript 3 compatible*3	136 European fonts
Interface port	LAN connectivity: 10Base-T / 100Base-TX USB connectivity: Supports USB 2.0 (Hi speed)*5	
Memory	1 GB (The printer expansion kit includes 512 MB of expansion memory.)	
Print area	Entire page excluding margin of 4.2 mm (11/64") at each edge. The actual print area may vary depending on the printer driver and the software application.	

*1 To use the printer function of the machine, the printer expansion kit (MX-PBX2) is required.

*2 600 x 600 dpi when the PCL5e printer driver is used.

*3 When the PS3 expansion kit (MX-PKX4) is installed and the machine is used as a PostScript printer.

*4 Barcode font kit (AR-PF1) is required.

*5 Supported operating systems are Windows 2000 / XP / Vista.

Network scanner*1 / Internet Fax*2 specifications

Type	Built-in	
Scanning resolution (dpi)	100 x 100, 200 x 200, 300 x 300, 400 x 400, 600 x 600 Internet Fax: 200 x 100, 200 x 200, 200 x 400, 400 x 400, 600 x 600 (200 x 100, 200 x 200 when file type is TIFF-S) Halftone can be selected for resolutions other than 200 x 100 dpi.	
Scanning speed	<p>Scanner MX-M850 Colour (A4 / 8-1/2" x 11") One-sided: 40 pages/min. (200 x 200 dpi)*3, Two-sided: 40 pages/min. (200 x 200 dpi) Black and white (A4 / 8-1/2" x 11") One-sided: 85 pages/min. (200 x 200 dpi), Two-sided: 85 pages/min. (200 x 200 dpi)</p> <p>MX-M950/MX-M1100 Colour (A4 / 8-1/2" x 11") One-sided: 60 pages/min. (200 x 200 dpi)*3, Two-sided: 60 pages/min. (200 x 200 dpi) Black and white (A4 / 8-1/2" x 11") One-sided: 120 pages/min. (200 x 200 dpi), Two-sided: 120 pages/min. (200 x 200 dpi)</p> <p>Internet Fax MX-M850 Black and white (A4 / 8-1/2" x 11") One-sided: 85 pages/min. (200 x 100 dpi), Two-sided: 85 pages/min. (200 x 100 dpi)</p> <p>MX-M950/MX-M1100 Black and white (A4 / 8-1/2" x 11") One-sided: 120 pages/min. (200 x 100 dpi), Two-sided: 120 pages/min. (200 x 100 dpi)</p>	
Interface port	LAN connectivity: 10Base-T / 100Base-TX	
Supported protocols	TCP/IP	
Supported client PC operating systems*4	Windows 98 / Me / NT 4.0 / 2000 / XP / Server 2003 / Vista	
File formats	<p>Colour*3 (including greyscale)</p> <p>Black and white</p> <p>Internet Fax (black and white only)</p>	<p>File types: TIFF, JPEG, PDF, Encrypted PDF Compression ratio: High / Medium / Low</p> <p>File types: TIFF, PDF, Encrypted PDF Compression modes: None / Medium (G3) / High (G4)</p> <p>File types: TIFF-FX (TIFF-F, TIFF-S) Compression modes: Medium (G3) / High (G4)</p>
Remarks	<p>Number of one-touch keys for storing destinations*5</p> <p>Number of destinations that can be stored in a group (1 key)*5</p> <p>Scan destinations</p>	<p>Maximum number of keys: 999</p> <p>Maximum number of destinations in one group (1 key): 500</p> <p>Scan to E-mail / Scan to FTP / Scan to Desktop / Scan to Network Folder</p>

*1 Network scanner expansion kit (MX-NSX1) is required.

*2 Internet fax expansion kit (MX-FWX1) is required.

*3 To scan an original in colour, the colour expansion kit (MX-EBX1) is required.

*4 Supported operating systems vary depending on the transmission method. For Scan to Desktop, Windows 98 Second Edition / Me / 2000 Professional / XP Professional / XP Home Edition / Vista are supported. For Scan to Network Folder, Windows 98 / Me / NT 4.0 / 2000 Professional / XP Professional / XP Home Edition / 2000 Server / Server 2003 / Vista are supported.

*5 Total number of all destinations (Scan to E-mail, Scan to FTP, Scan to Desktop, Scan to Network folder, Internet Fax, Fax, and Group)

Facsimile specifications

Model	MX-FXX1	
Applicable telephone line	Public switched telephone network, PBX	
Scanning resolution (supports ITU-T standards)	8 x 3.85 lines/mm (Standard), 8 x 7.7 lines/mm (Fine, Fine-Halftone), 8 x 15.4 lines/mm (Super Fine, Super Fine - Halftone), 16 x 15.4 lines/mm (Ultra Fine, Ultra Fine - Halftone)	
Transmission speed	33.6 kbps down to 2.4 kbps Automatic fallback	
Compression method	MH / MR / MMR / JBIG	
Transmission modes	Super G3, G3 (the machine can only send faxes to and receive faxes from machines that support G3 or Super G3)	
Input document size	AB sizes: A3, B4, A4, A4R, B5, B5R, A5, 8-1/2" x 11", 8-1/2" x 11"R Inch sizes: 11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 5-1/2" x 8-1/2", 5-1/2" x 8-1/2"R, A4, A4R Long originals (max. width 297 mm (11-45/64") x max. length 800 mm (31-31/64") can be transmitted using the automatic document feeder. Scanning one side is possible.)	
Paper sizes	A3, B4, A4, A4R, B5, B5R, A5R (11" x 17", 8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 8-1/2" x 11"R, 5-1/2" x 8-1/2"R)	
Transmission time *1	Approx. 2 seconds (Super G3 mode/33.6 kbps, JBIG) Approx. 6 seconds (G3 ECM mode/14.4 kbps)	
Power supply	Supplied from the machine	
Dimensions	285 mm (W) x 66 mm (D) x 213 mm (H) (11-7/32" (W) x 2-39/64" (D) x 8-25/64" (H))	
Weight	Approx. 1.6 kg (3.5 lbs.)	
Remarks	Extension telephone connection	Possible (1 telephone)
	Number of one-touch keys for storing destinations*2	Maximum number of keys: 999
	Number of destinations that can be stored in a group (1 key)*2	Maximum number of destinations in one group (1 key): 500
	Timer transmission	Yes
	Program function	Yes (48 programs)
	F-code transmission	Supported (SUB/SEP (sub-address) and SID/PWD (passcode) signals can be transmitted / received)
	Image memory	8 MB standard

*1 Transmission speed is for an A4 or 8-1/2" x 11" document with approximately 700 characters at standard resolution (8 x 3.85 lines/mm) sent in high speed mode (33.6 kbps (JBIG) or 14.4 kbps). This is only the time required to transmit the image information; the time required to send protocol signals is not included. Actual transmission times will vary depending on the contents of the document, the receiving machine type, and telephone line conditions.

*2 Total number of all destinations (Scan to E-mail, Scan to FTP, Scan to Desktop, Scan to Network folder, Internet Fax, Fax and Group)

INFORMATION ON DISPOSAL

A. Information on Disposal for Users (private households)

1. In the European Union

Attention: If you want to dispose of this equipment, please do not use the ordinary dust bin!

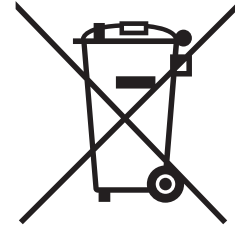
Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.

Following the implementation by member states, private households within the EU states may return their used electrical and electronic equipment to designated collection facilities free of charge*. In some countries* your local retailer may also take back your old product free of charge if you purchase a similar new one.

*) Please contact your local authority for further details.

If your used electrical or electronic equipment has batteries or accumulators, please dispose of these separately beforehand according to local requirements.

By disposing of this product correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.



Attention: Your product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

2. In other Countries outside the EU

If you wish to discard this product, please contact your local authorities and ask for the correct method of disposal.

For Switzerland: Used electrical or electronic equipment can be returned free of charge to the dealer, even if you don't purchase a new product. Further collection facilities are listed on the homepage of www.swico.ch or www.sens.ch.

B. Information on Disposal for Business Users

1. In the European Union

If the product is used for business purposes and you want to discard it:

Please contact your SHARP dealer who will inform you about the take-back of the product. You might be charged for the costs arising from take-back and recycling. Small products (and small amounts) might be taken back by your local collection facilities.

For Spain: Please contact the established collection system or your local authority for take-back of your used products.

2. In other Countries outside the EU

If you wish to discard of this product, please contact your local authorities and ask for the correct method of disposal.

Administrator

Name:

Contact at:



Information that the administrator of the machine requires is printed on the back of this page.

(Separate this page from the manual and keep it in a safe place. In addition, fill in the name of the administrator and the administrator's contact information in the left hand margin.)

TO THE ADMINISTRATOR OF THE MACHINE

(Separate this page from the manual and keep it in a safe place.)

Factory default passwords

When accessing the system settings, the administrator password is required to log in with administrator rights. The system settings can be configured in the Web pages as well as on the operation panel. To access the system settings using the Web pages, a password is also required.

Factory default administrator password

Factory default setting: admin

Store a new administrator password as soon as the machine is installed.
Once the administrator password has been changed, the new password is required to restore the factory default password. Take care to remember the new password.

Factory default passwords (Web pages)

There are two factory default accounts: "Administrator" and "User". A person who logs in as an "Administrator" can configure all settings in the Web pages. In addition, an administrator can restrict access to other settings by enabling "User" accounts.
The factory default passwords are shown below.

	Factory default account	Factory default password
User	users	users
Administrator	admin	admin

Forwarding all transmitted and received data to the administrator (document administration function)

This function is used to forward all data transmitted and received by the machine to a specified destination (Scan to E-mail address, Scan to FTP destination, Scan to Network Folder destination, or Scan to Desktop destination).

This function can be used by the administrator of the machine to archive all transmitted and received data. To configure the document administration settings, click [Application Settings] and then [Document Administration Function] in the Web page menu. (Administrator rights are required.)

Note:

- The format, exposure, and resolution settings of transmitted and received data remain in effect when the data is forwarded.
- The functions below cannot be used when transmitted faxes are forwarded. In this case, the [Memory TX] key and [Direct TX] key do not appear.
Quick Online transmission, direct transmission, dialling using the speaker

For the users of the fax function

IMPORTANT SAFETY INSTRUCTIONS

- If any of your telephone equipment is not operating properly, you should immediately remove it from your telephone line, as it may cause harm to the telephone network.
- The AC power outlet shall be installed near the equipment and shall be easily accessible.
- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use a telephone to report a gas leak in the vicinity of the leak.
- Do not install or use the machine near water, or when you are wet. Take care not to spill any liquids on the machine.
- SAVE THESE INSTRUCTIONS

NOTICE FOR USERS IN AUSTRALIA AND NEW ZEALAND

Your fax machine and the telephone system

WARNING NOTICE:

NO calls can be made to or from this fax during a mains power failure.

WARNING

Australian Communications Authority (ACA) regulations state that no unauthorized changes or modifications to this equipment are permitted.

Note: Complies with the following standards,

AS/NZS 60950

AS/ACIF S002, NZ TELECOM and AS/NZS CISPR 22

These limits are designed to provide reasonable protection against interference in an installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a different circuit to that which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The Ringer Equivalence Number (REN) for this equipment is written on the label.

Important safety information

In Australia, installing or modifying telephone lines should only be done by an ACA licensed serviceman. In New Zealand, installing or modifying telephone lines should be done in accordance with Telecom wiring practices.

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SHARP ELECTRONICS (Europe) GmbH
Sonninstraße 3, D-20097 Hamburg

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PRINTED IN FRANCE
TINSE3758GHZZ

