

DIGITAL FULL COLOUR PRINTER

Safety Guide

Please read first

Please read this guide first to ensure safe use of the machine.

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.

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

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

Notice for users in the UK

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 EARTHD.

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

This product includes Adobe® Flash® technology of Adobe Systems Incorporated.
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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.

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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.



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The products that meet the ENERGY STAR® guidelines carry the logo shown above. The products without the logo may not meet the ENERGY STAR® guidelines.

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CAUTIONS

Symbols in this manual

To ensure safe use of the machine, this manual uses various safety symbols. The safety symbols are classified as explained below. Be sure you understand the meaning of the symbols when reading the manual.



WARNING Indicates a risk of death or serious injury.



CAUTION Indicates a risk of human injury or property damage.

Meaning of the symbols



The symbol indicates the need for caution. The specific matter that requires caution is indicated inside the symbol (the symbol at left indicates "caution: high temperature").



The symbol indicates an action that is prohibited. The specific action that is prohibited is indicated inside or beside the symbol (the symbol at left indicates "disassembly is prohibited").



The symbol indicates an action that is mandatory.



WARNING

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. Do not use an extension cord or adapter to connect other devices to the power outlet used by the machine. Using an improper power supply may cause fire or electrical shock.



*For the power supply requirements, see the name plate in the lower left corner of the left side of the machine.

Do not place a container of water or other liquid, or a metal object that might fall inside, on the machine.



If the liquid spills or the object falls into the machine, fire or electrical shock may result.

Do not damage or modify the power cord.



Placing heavy objects on the power cord, pulling it, or forcibly bending it will damage the cord, resulting in fire or electrical shock.

Do not remove the machine casing.



High-voltage parts inside the machine may cause electrical shock.



WARNING

Do not make any modifications to this machine.

Doing so may result in personal injury or damage to the machine.



If you notice smoke, a strange odor, or other abnormality, do not use the machine.

If used in this condition, fire or electrical shock may result.

Immediately switch off the main power and remove the power plug from the power outlet. Contact your dealer or nearest authorised service representative.



If a thunder storm begins, switch off the main power and remove the power plug from the outlet to prevent electrical shock and fire due to lightning.



If a piece of metal or water enters the machine, switch off the main power and remove the power plug from the power outlet.

Contact your dealer or nearest authorised service representative. Using the machine in this condition may result in electrical shock or fire.



Do not insert or remove the power plug with wet hands.

This may cause electrical shock.



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.





CAUTION

Do not install the machine on an unstable or slanted surface. Install the machine on a surface that can withstand the weight of the machine.

There is a risk of injury due to the machine falling or toppling. If peripheral devices are to be installed, do not install on an uneven floor, slanted surface, or otherwise unstable surface. There is a danger of slippage, falling, and toppling. Install the product on a flat, stable surface that can withstand the weight of the product. (Weight when various peripheral devices are installed: approx. 60 kg (132.3 lbs.))



When removing the power plug from the outlet, do not pull on the cord.

Pulling on the cord may cause damage such as wire exposure and breakage, and may result in fire or electrical shock.



Do not touch the transfer belt or the transfer roller.

Scratches or smudges on the transfer belt or the transfer roller will cause dirty prints.



Do not block the ventilation ports on the machine. Do not install the machine in a location that will block the ventilation ports.

Blocking the ventilation ports will cause heat to build up in the machine, creating a risk of fire.



Do not throw toner, a toner container (toner cartridge), or a waste toner box into a fire.

Toner may fly and cause burns.



Do not install in a location with moisture or dust.

Risk of fire and electrical shock.



Store toner, toner containers (toner cartridges), and waste toner boxes out of the reach of children.

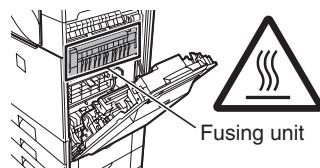


If you find that condensation has formed on the surface of the machine or the display, open the right cover and check for condensation inside the machine. If condensation has formed inside the machine, turn off the main power. Turning on the main power when condensation has formed inside the machine may cause a failure. Leave the right cover open until the condensation evaporates naturally. To keep foreign matter from getting on the primary transfer belt unit or secondary transfer roller unit while the right cover is open, place a cover over the opening.

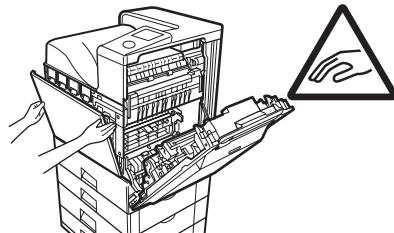


CAUTION

The fusing unit is hot. When removing a misfeed, do not touch the fusing unit. Take care not to burn yourself.



When loading paper, removing a misfeed, performing maintenance, closing the front and side covers, and inserting and removing trays, take care that your fingers are not pinched.



If you will not use the machine for a long time, be sure to remove the power plug from the outlet for safety.



When moving the machine, switch off the main power and remove the power plug from the outlet before moving. The cord may be damaged, creating a risk of fire or electrical shock.



The machine is heavy. To prevent injury when moving the machine, it is recommended that it be moved by two or more persons.



CAUTIONS

The machine includes the print hold function, which stores document image data on the machine's hard drive. Stored documents can be called up and printed 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, 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.

"BATTERY DISPOSAL"

THIS PRODUCT CONTAINS A LITHIUM PRIMARY MEMORY BACK-UP BATTERY THAT MUST BE DISPOSED OF PROPERLY. PLEASE CONTACT YOUR LOCAL SHARP DEALER OR AUTHORISED SERVICE REPRESENTATIVE FOR ASSISTANCE IN DISPOSING OF THIS BATTERY.

Laser information

Wave length	790 nm \pm 10 nm
Pulse times (North America and Europe)	4.1 μ s \pm 4.1 ns / 7 mm
Output power	Max 0.6 mW (LD1+ LD2)

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)

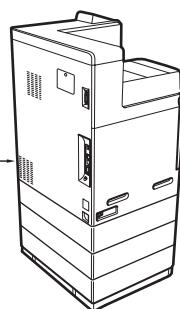
For Europe:

CLASS 1 LASER PRODUCT

LASER KLASSE 1

LUOKAN 1 LASERLAITE

KLASS 1 LASERAPPARAT



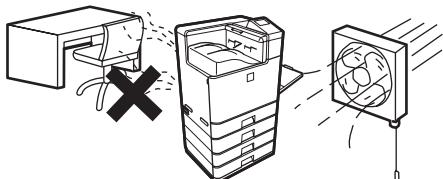
INSTALLATION REQUIREMENTS

The performance of the machine is affected by the ambient conditions of the installation location. Do not install in the following locations:

CAUTION:

Do not install the machine in a location with poor air circulation.

A small amount of ozone is created inside the machine during printing. The amount of ozone created is not sufficient to be harmful; however, an unpleasant odor may be noticed during large printing runs, and thus the machine should be installed in a room with a ventilation fan or windows that provide sufficient air circulation. (The odor may occasionally cause headaches.)



- * Install the machine so that people are not directly exposed to exhaust from the machine. If installed near a window, ensure that the machine is not exposed to direct sunlight.

Locations that are excessively hot, cold, humid, or dry (near heaters, humidifiers, air conditioners, etc.)

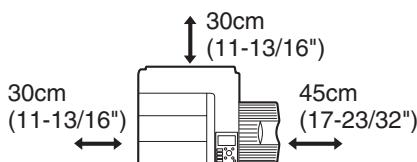


The paper will become damp and condensation may form inside the machine, causing misfeeds and dirty output.

 **Ambient environment (page 17)**
If the location has an ultrasonic humidifier, use pure water in the humidifier. If tap water is used, minerals and other impurities will be emitted, causing impurities to collect on the inside of the machine and create dirty output.
Exercise care not to expose the paper exit part of the machine to wind or exhaust air. The output paper may be blown to the floor.

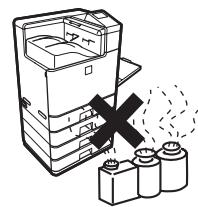
Near a wall

Be sure to allow the required space around the machine for servicing and proper ventilation. (The machine should be no closer than the distances indicated below from walls.)

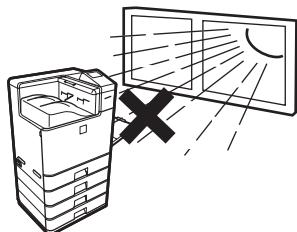


Dusty locations

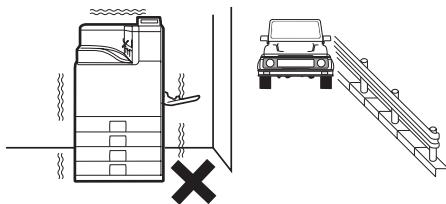
If dust enters the machine, dirty output and machine failure may result.

Locations with ammonia gas

Installing the machine next to a diazo copy machine may cause dirty output.

Locations exposed to direct sunlight

Plastic parts may become deformed and dirty output may result.

Locations subject to vibration.

Vibration may cause failure.



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.

- The machine should be installed near an accessible power outlet for easy connection.
- 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.

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, and transparency film.

SHARP



GENUINE SUPPLIES

For best printing 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.

Storage of supplies

Proper storage

1. Store the supplies in a location that is:
 - clean and dry
 - at normal temperature with minimal temperature fluctuations
 - 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 the box that contains the toner cartridge horizontally; do not store it standing up. If the toner cartridge is stored standing up, the toner may solidify inside the cartridge.

Store the toner in a location that is cooler than 40°C (104°F). Storage in a hot location may cause the toner in the cartridge to solidify.

Staple cartridge

The finisher requires the following staple cartridge:

MX-SCX1 (for 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

Name	Digital Full Colour Printer MX-C380P	
Type	Desktop	
Display	4.3 inch colour LCD	
Photoconductive type	OPC drum	
Printing method	Electrophotographic system (laser)	
Developer system	Dry-type two-component magnetic brush development	
Fusing system	Heat rollers	
Printing resolution	600 x 600 dpi / 1200 x 1200 dpi	
Printing gradation	Equivalent to 256 levels	
Printer driver type	PCL5c, PCL6, PostScript 3 compatible ^{*1} , XPS ^{*2}	
Supported protocols	TCP/IP, IPX/SPX, NetBEUI, EtherTalk	
Supported client PC operating systems	See "VERIFYING SYSTEM REQUIREMENTS" in the Software Setup Guide.	
Fonts	PCL5c, PCL6	80 European fonts, 28 barcode fonts ^{*3} , 1 bitmap font
	PostScript 3 compatible ^{*1}	136 European fonts
Interface port	LAN connectivity: 10Base-T / 100Base-TX / 1000Base-T USB connectivity: Supports USB 2.0 (Hi speed) ^{*4}	
Memory	Standard system memory	1 GB
	Expansion memory	1 GB ^{*5}
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} When the machine is used as a PostScript printer.

^{*2} When the XPS expansion kit is installed.

^{*3} Barcode font kit is required.

^{*4} Supported operating systems are Windows 2000 / Server 2003 / XP / Vista / Server 2008 / 7.

^{*5} To install the XPS expansion kit, an expansion memory board is required.

Machine specifications (Continued)

Warm-up time*1	90 seconds or less
First-print time*2	Colour print time:8.9 seconds or less Black and white print time: 8.0 seconds or less
Tray 1	<p>Paper sizes: A4, B5, A5, 8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 7-1/4" x 10-1/2", 5-1/2" x 8-1/2", 16K (Includes automatic paper size detection function.)</p> <p>Paper weight: Plain paper (60 g/m² to 105 g/m² (16 lbs. to 28 lbs.))</p> <p>Paper capacity: Plain paper (80 g/m² (21 lbs.)) 500sheets</p> <p>Paper types: SHARP-recommended plain paper, recycled paper and coloured paper</p>
Bypass tray	<p>Paper sizes: A4, B5, A5, 8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 7-1/4" x 10-1/2", 5-1/2" x 8-1/2", envelopes, 16K (Includes automatic paper size detection function. Paper sizes from 100 mm x 148 mm (3-15/16" x 5-53/64") to 216 mm x 356 mm (8-33/64" x 14-1/64") can be entered.)</p> <p>Paper weights: Thin paper (55 g/m² to 59 g/m² (15 lbs. to 16 lbs.)), plain paper (60 g/m² to 105 g/m² (16 lbs. to 28 lbs.)), heavy paper (106 g/m² to 209 g/m² (28 lbs. bond to 110 lbs. index))</p> <p>Paper capacity: Standard paper 100 sheets</p> <p>Paper types: SHARP-recommended plain paper, recycled paper, coloured paper, heavy paper, thin paper, transparency film, and envelopes (Monarch, Com-10, DL, C5)</p>

*1 Warm-up time may vary depending on some environments.

*2 First print time may vary depending on the status of the machine.

Machine specifications (Continued)

Duplex module	<p>Paper sizes: A4, B5, A5, 8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 5-1/2" x 8-1/2", 16K</p> <p>Paper weight: Plain paper (60 g/m² to 105 g/m² (16 lbs. to 28 lbs.))</p> <p>Paper types: SHARP-recommended plain paper, recycled paper, and coloured paper</p>
Output tray (Centre tray)	<p>Output method: Face-down output</p> <p>Output capacity: 250 sheets (using SHARP-recommended A4 or 8-1/2" x 11" paper)</p> <p>(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> <p>Tray full sensor: Yes</p>
Interface port	<p>LAN connectivity: 10Base-T / 100Base-TX / 1000Base-T</p> <p>USB connectivity: Type A connector supports USB 2.0 (Hi speed)*</p> <p>Compatibility requirements of USB 2.0</p> <p>Memory Capacity: Max. 32 GB</p> <p>Disk Format: FAT32 only</p> <p>Type B connector supports USB 2.0 (Hi speed)</p>

- * Type A connectors are located on the front and back right of the machine (two connectors); however, the connectors cannot be used simultaneously. The connector on the back of the machine is not initially available for use. If you wish to use the connector, contact your service assistance.

Machine specifications (Continued)

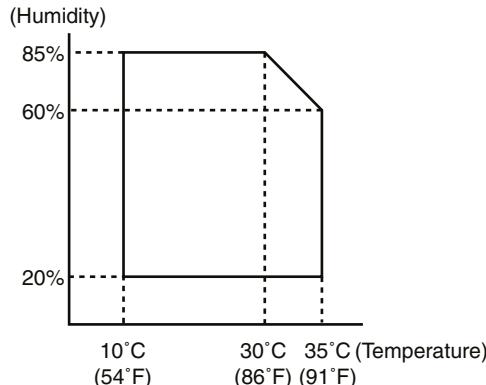
Required power supply	Local voltage $\pm 10\%$ (For the power supply requirements, see the name plate in the lower corner of the left side of the machine.)
Power consumption	1.84 kW (220-240 V) / 1.44 kW (100-127 V)
Dimensions	560 mm (W) x 438 mm (D) x 610 mm (H) (22-3/64" (W) x 17-1/4" (D) x 24-1/64" (H))
Weight	Approx. 44 kg (97.0 lbs.)
Overall dimensions	868 mm (W) x 438 mm (D) (34-11/64" (W) x 17-1/4" (D)) (when bypass tray is extended)

Continuous printing speeds*

Print ratio	100% / Reduced / Enlarged	
Print mode	Colour	B/W
A4, B5, 16K	38 pages/min.	38 pages/min.
8-1/2" x 11", 7-1/2" x 10"-1/2"	40 pages/min.	40 pages/min.

* Print speed during output of the second print and following prints when performing continuous one-sided printing of the same page (excluding offset output) using plain one-sided paper from a tray other than the bypass tray.

Ambient environment



Acoustic noise emission (measurement according to ISO7779)

Sound power level L _{WA}		
Printing mode (continuous printing)		Colour: 7.1 B B/W: 7.1 B
Standby mode		4.7 B
Sound pressure level L _{PA} (actual measurement)		
Printing mode	Bystander positions	Colour: 54 dB (A) B/W: 54 dB (A)
	Operator positions	Colour: 58 dB (A) B/W: 58 dB (A)
Standby mode	Bystander positions	33 dB (A)
	Operator positions	36 dB (A)

Chemical emission (measured according to RALUZ122: Edition Jun. 2006)

Ozone	Colour: 3.0 mg/h or less, B/W: 1.5 mg/h or less
Dust	Colour: 4.0 mg/h or less, B/W: 4.0 mg/h or less
Styrene	Colour: 1.8 mg/h or less, B/W: 1.0 mg/h or less
Benzene	Colour: less than 0.05 mg/h, B/W: less than 0.05 mg/h
TVOC (Printing)	Colour: 18 mg/h or less, B/W: 10 mg/h or less
TVOC (Pre-Operating)	Colour: 1 mg/h or less, B/W: 1 mg/h or less

500-sheet paper feed unit specifications

Model	MX-CSX1 (tray 2)	MX-CSX2 (tray 3, tray 4)
Paper sizes	A4, B5, A5*, 8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 7-1/4" x 10-1/2", 5-1/2" x 8-1/2"*, 16K	
Paper weight	Plain paper (60 g/m ² to 105 g/m ² (16 lbs. to 28 lbs.))	
Paper capacity	500 sheets (80 g/m ² (21 lbs.)) x 1 tray	
Paper types	SHARP-recommended plain paper, recycled paper, and coloured paper	
Automatic paper size detection	When "Auto-AB" detection is selected: A4, B5, A5*, 216 mm x 330 mm (8-1/2" x 13") When "Auto-Inch" detection is selected: 8-1/2" x 14", 8-1/2" x 11", 7-1/4" x 10-1/2", 5-1/2" x 8-1/2"*	
Power supply	Supplied from the machine	
Dimensions	535 mm (W) x 438 mm (D) x 112 mm (H) (21-1/16" (W) x 17-1/4" (D) x 4-13/32" (H)) (not including adjuster)	535 mm (W) x 438 mm (D) x 110 mm (H) (21-1/16" (W) x 17-1/4" (D) x 4-21/64" (H)) (not including adjuster)
Weight	Approx. 6.8 kg (15.0 lbs.)	Approx. 5.6 kg (12.3 lbs.)

* Only MX-CSX1 can be used.

Finisher specifications

Model	MX-FN12
Paper sizes	A4, B5, A5, 8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 7-1/4" x 10-1/2", 5-1/2" x 8-1/2", envelopes, 16K
Paper weight	Thin paper (55 g/m ² to 59 g/m ² (15 lbs. to 16 lbs.)) plain paper (60 g/m ² to 105 g/m ² (16 lbs. to 28 lbs.)) heavy paper (106 g/m ² to 209 g/m ² (28 lbs. bond to 110 lbs. index))
Modes	Non-sort, offset sort, staple sort
Allowed paper sizes for offset	A4, B5, 8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 7-1/4" x 10-1/2", 16K
Offset distance	25 mm (1")
Tray capacity*1	Non-stapling*2: 280 sheets*4 (75 g/m ² to 90 g/m ² (20 lbs. to 24 lbs.)) (A4, B5, 8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 7-1/4" x 10-1/2", 16K) 150 sheets (75 g/m ² to 90 g/m ² (20 lbs. to 24 lbs.)) (A5, 5-1/2" x 8-1/2") Stapling*3: 2 to 10 sheets per set: 30 sets 11 to 30 sheets per set: 10 sets (A4, B5, 8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 7-1/4" x 10-1/2", 16K)
Power supply	Supplied from the machine
Dimensions	When tray is folded up: 475 mm (W) x 333 mm (D) x 158 mm (H) (18-45/64" (W) x 13-7/64" (D) x 6-7/32" (H)) When tray is extended: 523 mm (W) x 333 mm (D) x 158 mm (H) (20-19/32" (W) x 13-7/64" (D) x 6-7/32" (H))
Weight	Approx. 9 kg (19.8 lbs.)
Stapler section	
Allowed paper sizes for stapling	A4, B5, 8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 7-1/4" x 10-1/2", 16K (Stapling at one position at front of paper.)

Finisher specifications (Continued)

Maximum number of sheets for stapling*3	30 sheets
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*1 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.

*2 Up to 20 envelopes can be output.

*3 The maximum number of sheets for stapling assumes a paper weight of 90 g/m² (24 lbs.) and includes two cover sheets of 106 g/m² to 209 g/m² (28 lbs. bond to 110 lbs. index)

Note:

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

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

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