



MFP S965dn, S975dn

QUICK START GUIDE

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www.hp.com

Keep this manual close at hand for reference whenever needed.

BEFORE FIRST USE

For 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 might cause harm to the telephone network.
- 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 might 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.

This equipment connects to the telephone network through a standard USOC RJ-11C network interface jack. If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer. This equipment may not be used on coin service provided by the telephone company. Connection to party lines service is subject to state tariffs.

NOTE: This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

This device complies with industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that might cause undesired operation of this device.

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.

FAX interface cable and line cable

These special accessories must be used with the device.

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

■ For your records ...

To protect against loss or theft, record and retain for reference the machine's serial number located on the left side of the machine.

Model number _____

Serial number _____

Date of purchase _____

Place of purchase _____

Authorized HP printer _____

Service department number _____

■ Notice for users in U.S.A.

EMC (this machine and peripheral devices)

■ Warning:

FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

NOTE: Shielded interface cables of 10 m or less must be used with this equipment to maintain compliance with EMC regulations. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, might cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This machine contains software with modules developed by Independent JPEG Group. Copyright© 1995-2007 Adobe Macromedia Software, LLC. All rights reserved. This product includes the Adobe® PostScript®3™ of Adobe Systems Incorporated. This product uses "InstantBoot" provided by IT Access Co., Ltd., Japan.

BEFORE FIRST USE

- NOTE:**
- The explanations in this manual assume that you have a working knowledge of your Windows or Macintosh computer.
 - For information on your operating system, please refer to your operating system manual or the online Help function.
 - The explanations of screens and procedures in this manual are primarily for Windows 7® in Windows® environments. The screens might vary depending on the version of the operating system.
 - This manual contains references to the fax function. However, please note that the fax function is not available in some countries and regions. In this case, please install the English version if you want to use these drivers.
 - Considerable care has been taken in preparing this manual. If you have any comments or concerns about the manual, please contact your HP or 3rd party service and support 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 HP or 3rd party service and support representative.
 - Aside from instances provided for by law, HP 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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■ Warranty

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

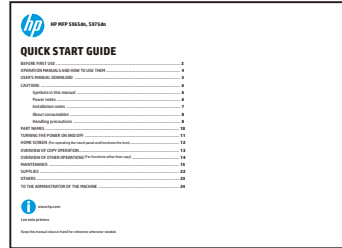
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OPERATION MANUALS AND HOW TO USE THEM

Quick Start Guide (this document)

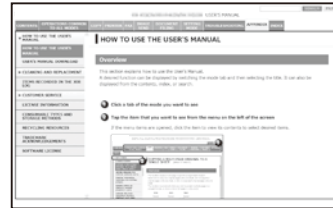
This guide features important safety notes, names of parts and components, information about the power-on procedure, operation overviews, information for users and administrators who manage the machine, and information about other aspects of this machine.

Read this document before using the machine for the first time.



User's Manual

This manual can be downloaded from the machine to a computer for viewing. Refer to this document to learn more about printer mode and settings mode details.



HP Universal Print Driver (UPD)

The HP Universal Print Driver is the single driver that gives users instant access to a range of HP print products without downloading separate drivers.

For more information on the UPD, go to www.hp.com/go/upd.

Operation Guide

This guide can be viewed by touching the operation guide icon on the machine's touch panel. When using this machine, use this document for overviews of a particular mode or for troubleshooting.



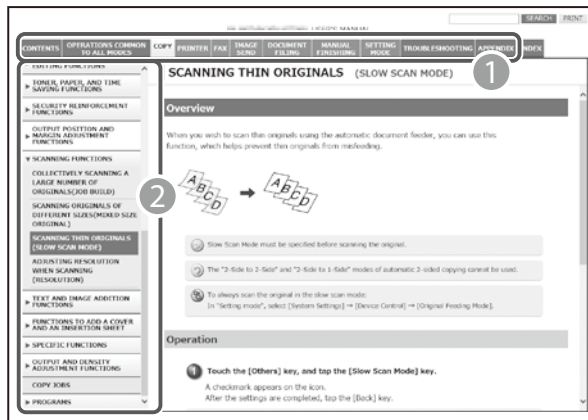
About the user's manual

The "User's Manual" describes details of the functions available on this machine.

You can download the User's Manual from this machine to your computer and view it using a web browser.

For information about downloading the User's Manual, see "User's Manual Download" on page 5.

Switch the tab and click the menu shown on the left to display the function you want to view.



1 Click to switch the tab for the mode you want to view.

2 From the left-hand menu, click the item you want to view.

Tip

You can also look up the function you want to view using the Contents, Index, or search function.

Functions

- OPERATIONS COMMON TO ALL MODES
- COPY
- PRINTER
- FAX
- IMAGE SEND

- DOCUMENT FILING
- MANUAL FINISHING
- SETTING MODE
- TROUBLESHOOTING
- APPENDIX

USER'S MANUAL DOWNLOAD

You can download the User's Manual by accessing the built-in web server in this machine.

Checking the IP address

To check the IP address, you can print the All Custom Setting List from the machine.

1 Press the [Home Screen] key.



2 Tap the [Settings] key.



3 Operate the touch panel.

(1) Tap the [System Settings] key in the left menu.

(2) Tap the [List Print: (User)] key in the left menu.

(3) Tap the [Print] key in the [All Custom Setting List].

The All Custom Setting List is printed. You can check the IP address on the printed list.

Downloading the User's Manual

From the web page, download the "User's Manual" that provides more detailed information on this machine.

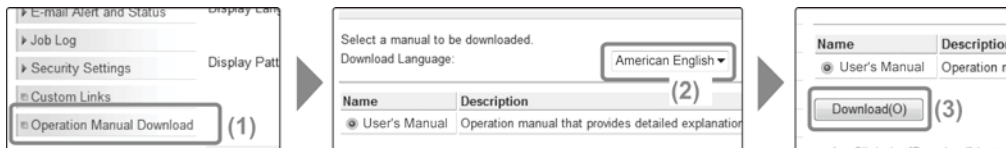
1 In the address bar of a web browser, type the machine's IP address to access the machine.

http://Machine's IP address/ Depending on the machine settings, user authentication might be required. For the account information required for authentication, contact the machine administrator.



2 Download the "User's Manual".

On the page that is displayed, click [Operation Manual Download]. Then, select the language from the "Language" list, and click the [Download] button.



3 Expand the "User's Manual" you have downloaded.

If you are using Windows, right-click the downloaded file and select [Expand All] from the menu.*

If you are using a Macintosh, double-click the downloaded file.

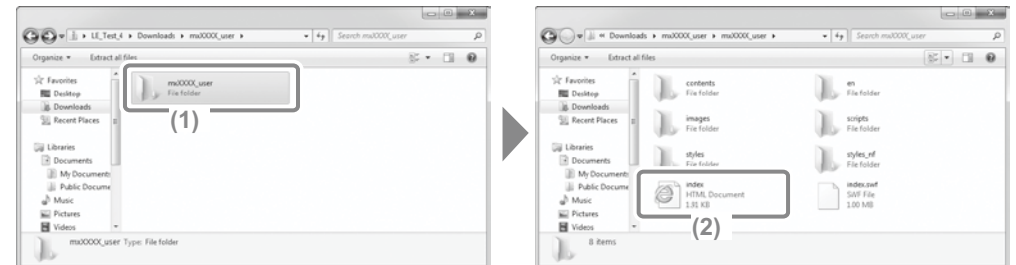
Follow the instructions that appear in the Deployment Wizard.

When the expansion process is completed, the [User's Manual] folder is created.

* If [Expand All] does not appear in the menu, use any expansion (unzip) application.

4 View the "User's Manual" you have downloaded.

Open the [User's Manual] folder, and double-click "index.htm".



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.

Meaning of the symbols



CAUTION!
HOT



PINCH POINT
KEEP CLEAR



PROHIBITED
ACTIONS



DO NOT
DISASSEMBLE



MANDATORY
ACTIONS



WARNING

Indicates a risk of death or serious injury.



CAUTION

Indicates a risk of human injury or property damage.

Power notes



WARNING



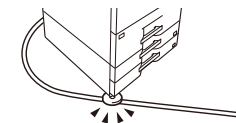
Be sure to connect the power cord only to a power outlet that meets the specified voltage and current requirements. Also make certain the outlet is properly grounded. Do not use an extension cord or adapter to connect other devices to the power outlet used by the machine. Using an improper power supply might 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 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 insert or remove the power plug with wet hands.

This might cause electrical shock.



CAUTION



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

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



If you will not use the machine for an extended period of time, be sure to remove the power plug from the outlet for safety.



Before moving the machine, switch off the main power and remove the power plug from the outlet.

The cord might be damaged, creating a risk of fire or electrical shock.

Installation notes

⚠ 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.**

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. Due to a danger of slippage, falling, and toppling, install the product on a flat, stable surface that can withstand the weight of the product.

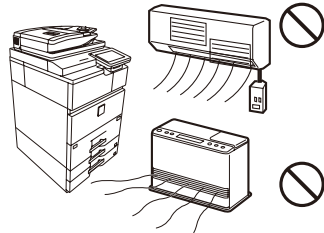
- ⊘ **Do not install in a location with moisture or dust.**

Risk of fire and electrical shock.
If dust enters the machine, dirty output and machine failure might result.



- ⊘ **Do not install in locations that are excessively hot, cold, humid, or dry (near heaters, humidifiers, air conditioners, etc.).**

The paper will become damp and condensation might form inside the machine, causing misfeeds and dirty output.
☞ SPECIFICATIONS (page 16)
If the location has an ultrasonic humidifier, refill it with pure water for humidifiers. If tap water is used, minerals and other impurities will be emitted, causing impurities to collect on the inside of the machine and creating dirty output.

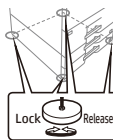


- ⚠ **When the machine is installed, the adjusters (4) must be lowered to the floor to secure the machine (prevent it from moving).**

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 move the machine.

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



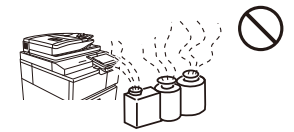
- ⊘ **Locations exposed to direct sunlight**

Plastic parts might become deformed and dirty output might result.



- ⊘ **Do not install in locations with ammonia gas.**

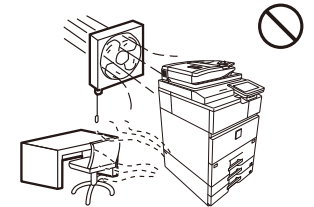
Installing the machine next to a diazo type machine might cause dirty output.



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

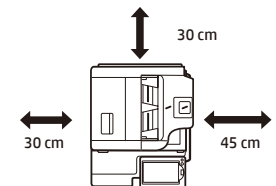
A small amount of ozone is created inside the machine during printing. The amount of ozone created is not sufficient to be harmful; however, an unpleasant odor might be noticed during large copy runs, and thus the machine should be installed in a room with a ventilation fan or windows that provide sufficient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



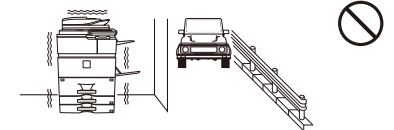
- ⊘ **Do not install too close to a wall.**

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. The indicated distances are for the case when a saddle finisher and large capacity paper tray are not installed.)



- ⊘ **Avoid locations subject to vibration.**

Vibration might cause failure.



⚠ CAUTION

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 not used for other electric appliances. If a lighting fixture is connected to the same outlet, the light might flicker.

CAUTIONS

About consumables

CAUTION



Do not throw toner cartridges into a fire.

Toner might fly and cause burns.



Store toner cartridges out of the reach of children.

Handling precautions



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 metal object falls into the machine, fire or electrical shock might result.



Do not remove the machine casing.

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



Do not make any modifications to this machine.

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



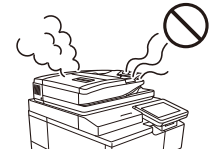
Do not use a flammable spray to clean the machine.

If gas from the spray comes in contact with hot electrical components or the fusing unit inside the machine, fire or electrical shock might result.



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

If used in this condition, fire or electrical shock might result. Immediately switch off the main power and remove the power plug from the power outlet. Contact your HP or third party service and support 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.

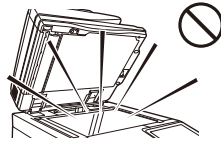


If a piece of metal or water enters the machine, switch off the main power and remove the power plug from the power outlet.

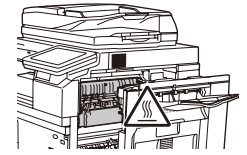
Contact your HP or third party service and support representative. Using the machine in this condition might result in electrical shock or fire.

CAUTION

- Do not look directly at the light source.
Doing so might damage your eyes.

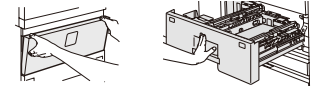


- The fusing unit and paper exit area are hot. When removing a misfeed take care not to burn yourself by touching the fusing unit and paper exit area.



- 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.

- When loading paper, removing a misfeed, performing maintenance, closing the front and side covers, and inserting and removing trays, take care to avoid pinching your fingers.



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

Laser information

Wave length	HP MFP S965dn/HP MFP S975dn 792 nm + 8 nm /-12 nm
Pulse times	HP MFP S965dn Normal paper mode/Heavy paper mode (P/S = 330 mm/s) = 6.43 μs ± 0.015 μs / 7 mm HP MFP S975dn Normal paper mode (P/S=360 mm/s) = 5.90 μs ± 0.014 μs / 7 mm Heavy paper mode (P/S = 330 mm/s) = 6.43 μs ± 0.015 μs / 7 mm
Output power	HP MFP S965dn/HP MFP S975dn Max 1.4 mW (LD1+LD2+LD3+LD4)

Caution

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

This Digital Equipment is CLASS 1 LASER PRODUCT (IEC 60825-1 Edition 2-2007)

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.

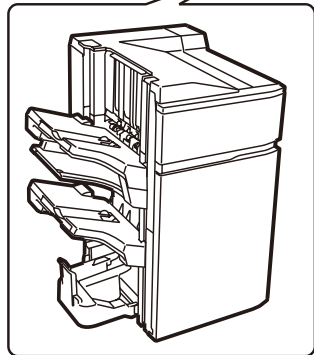
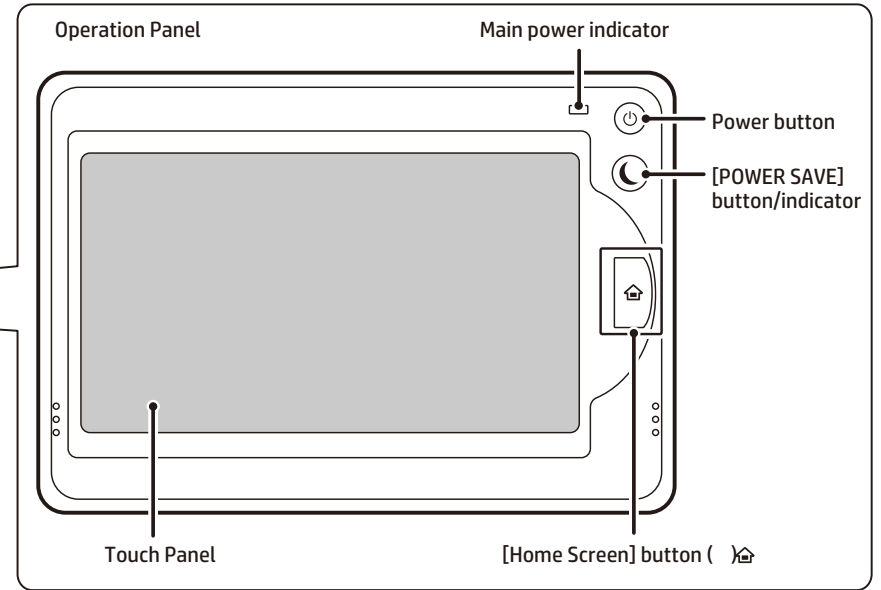
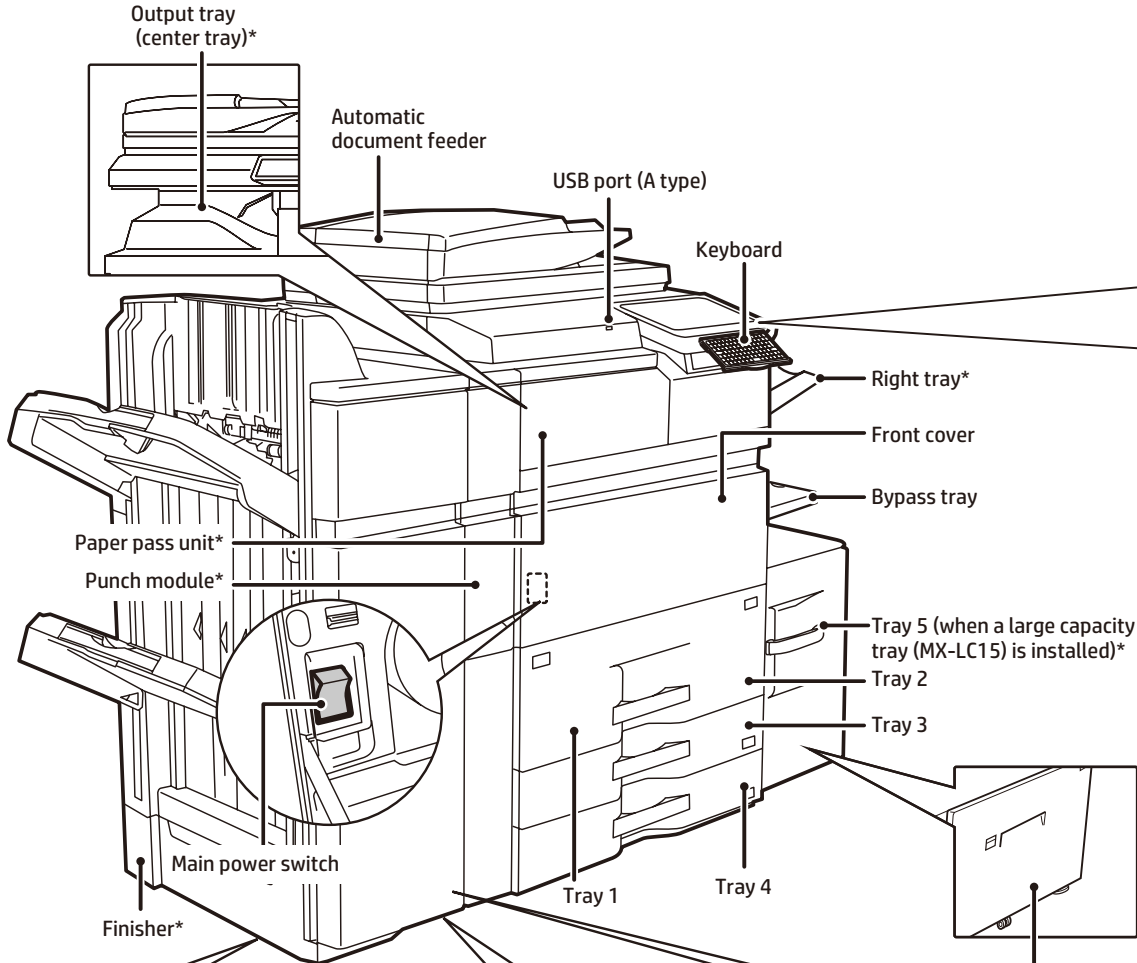
- Do not remove the cabinet, operation panel or any other covers.
- The equipment's exterior covers contain several safety interlock switches. Do not bypass any safety interlock by inserting wedges or other items into switch slots.

"BATTERY DISPOSAL"

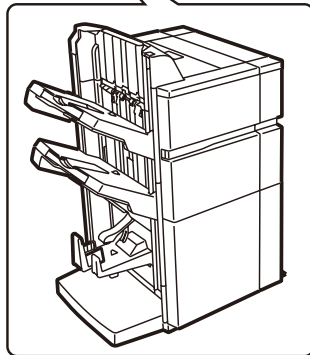
THIS PRODUCT CONTAINS A LITHIUM PRIMARY MEMORY BACK-UP BATTERY THAT MUST BE DISPOSED OF PROPERLY. PLEASE CONTACT YOUR HP OR 3RD PARTY SERVICE AND SUPPORT REPRESENTATIVE FOR ASSISTANCE IN DISPOSING OF THIS BATTERY.

This product utilizes a CR coin Lithium battery which contains a Perchlorate material. Special handling for this material might apply. California residents, see www.dtsc.ca.gov/hazardouswaste/perchlorate/. Others, consult local environmental officers.

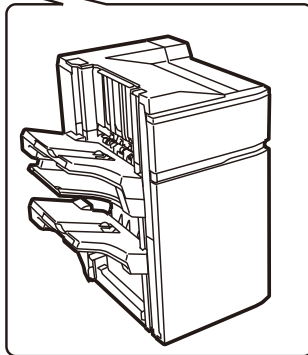
PART NAMES



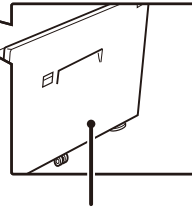
Saddle finisher (large stacker)*



Saddle finisher*



Finisher (large stacker)*



Tray 5 (when a large capacity tray (MX-LC16) is installed)*

* Optional

TURNING THE POWER ON AND OFF

This machine has a main power switch, located at the bottom left when the front cover is open, and a power button (⏻), located on the operation panel.

Turning on the power

- Switch the main power switch to the “I” position.
- After the main power indicator lights in green, press the power button (⏻).

Turning off the power

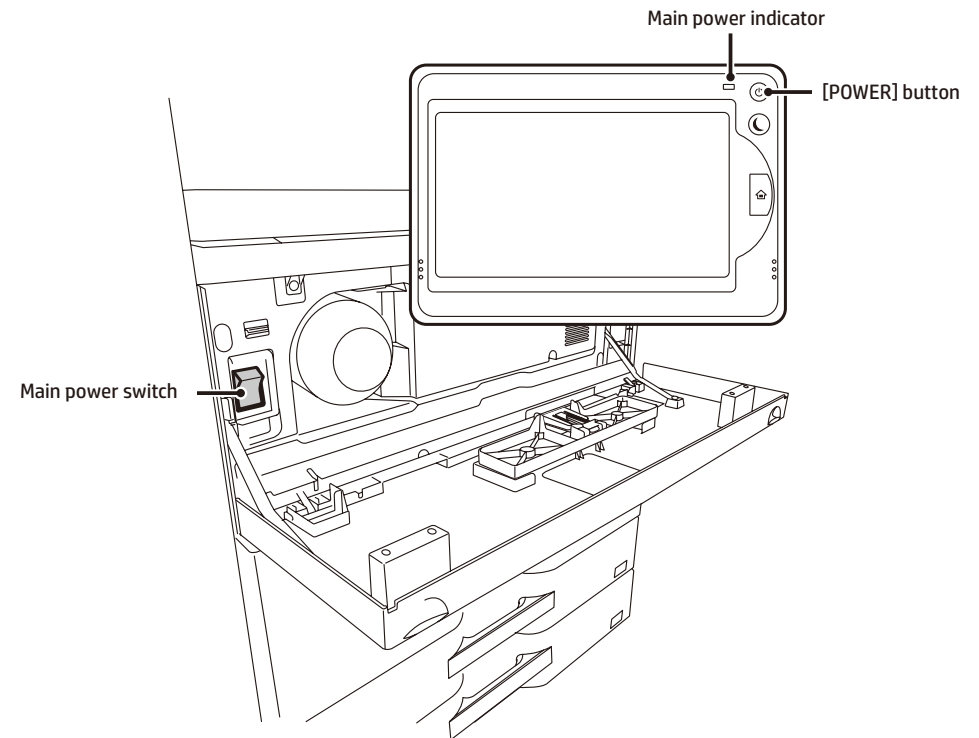
- (1) Press the power button (⏻) to turn off the power.
- (2) Switch the main power switch to the “O” position.

Restarting the machine

In order for some settings to take effect, the machine must be restarted. If a message in the touch panel prompts you to restart the machine, press the power button (⏻) to turn off the power and then press the key again to turn the power back on.


CAUTION

- When turning off the power, make sure that the indicators on the operation panel turn off as well.
- If the machine suddenly turns off, such as in the event of a power failure, turn the machine on again, and then turn off the machine following the correct procedure for turning off the machine.
Switching off the main power switch or removing the power cord from the outlet while any of the indicators are lit or blinking might damage the hard drive and cause data to be lost.
- Switch off both the power button (⏻) and the main power switch and unplug the power cord if you suspect a machine failure, if there is a thunderstorm nearby, or when you are moving the machine.

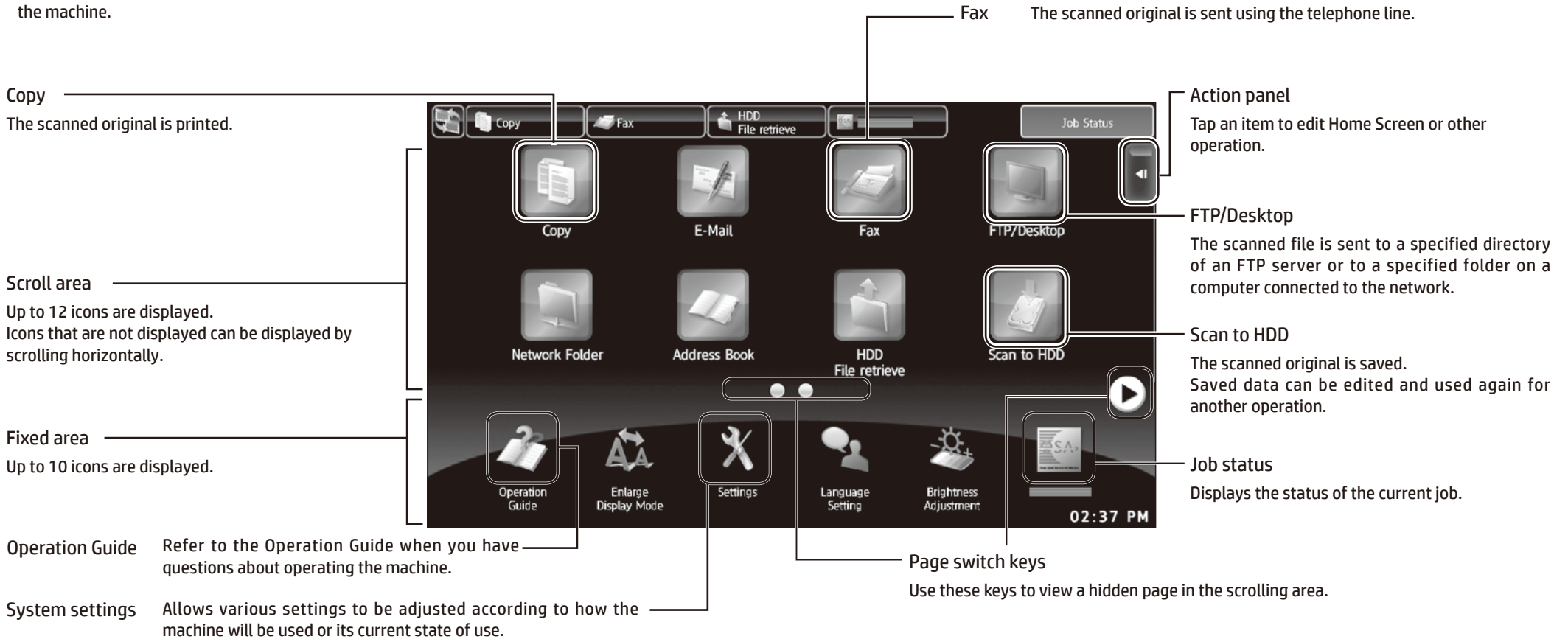


- NOTE:**
- When using the fax always keep the main power switch in the “I” position.
 - In some states of the machine, pressing the power button (⏻) to restart will not cause the settings to take effect. In this case, use the main power switch to switch the power off and then on.

HOME SCREEN









The home screen is the first screen displayed. Touch an icon to display the corresponding screen. When the  button is touched on the operation panel, this home screen is displayed.

* The actual screen displayed might vary depending on the model or the customization of the machine.



Operating the touch panel

In addition to the conventional "single tap" operation, you can also operate the touch panel using presses, flicks, slides, etc.

<p>Tap</p> 	<p>Touch and then quickly release the finger. Used to select keys, tabs, checkboxes, etc.</p>	<p>Double tap</p> 	<p>Touch the screen twice. Use this operation to enlarge or reduce the image in the preview.</p>	<p>Drag</p> 	<p>Drag (slide the finger in the desired direction) to rotate or delete original pages displayed as a preview.</p>	<p>Pinch</p> 	<p>Touch the screen with two fingers and move them toward each other. This is used to reduce the browser and preview display.</p>
<p>Press</p> 	<p>Touch a key and keep the finger on the key for a short time.</p>	<p>Flick</p> 	<p>Flick (quickly swipe with the finger) to scroll the preview image.</p>	<p>Slide</p> 	<p>Slide the finger on the scroll bar to move up or down through a long list.</p>	<p>Spread</p> 	<p>Touch the screen with two fingers and move them away from each other. This is used to enlarge the browser and preview display.</p>

OVERVIEW OF COPY OPERATION

Step 1 Select a function

Step 2 Place the original

Step 3 Scan


Step 4 Confirming while viewing the preview

Step 5 Start

Select the [Copy] key or Copy icon.

Confirm the results of the scan and any edits or settings.

Enter the number of prints and start printing.



Tap

Place the original in the automatic document feeder

- Do not pass this line
- Insert all the way
- Align the edges
- Upward
- Adjust to original size

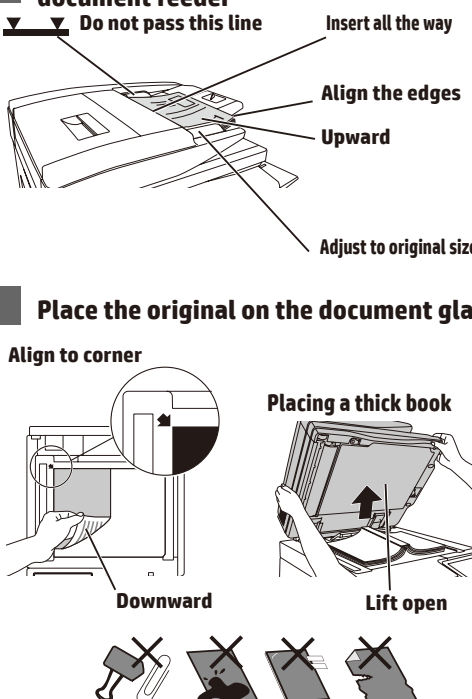
Place the original on the document glass

Align to corner


Placing a thick book

Downward

Lift open




Scan the original




Tap

Scan another original



Tap

Print 1 set of copies



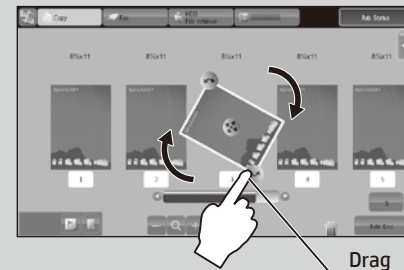
Tap

Confirmation

Face up/down, orientation, missing pages, folded pages

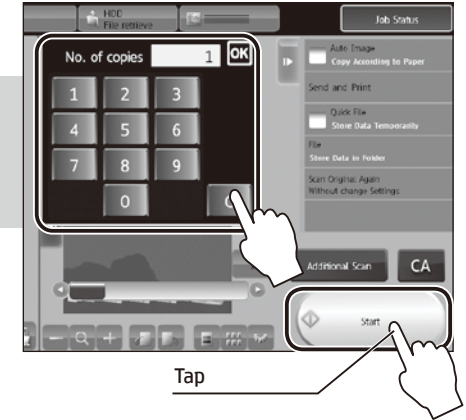


Editing Page editing, deleting, etc.



Drag

Output settings

Tap

Print

Document filing

The scanned original and the settings are saved on the hard disk and can be used again.

OVERVIEW OF OTHER OPERATIONS

For functions other than copy.

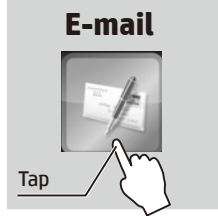
Step 1 Select a function

Step 2 Place the original

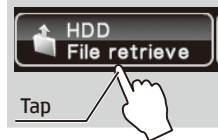
Step 3 Select the address

Step 4 Confirmation

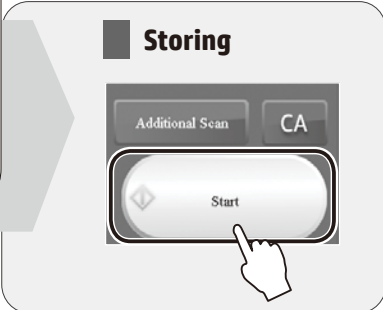
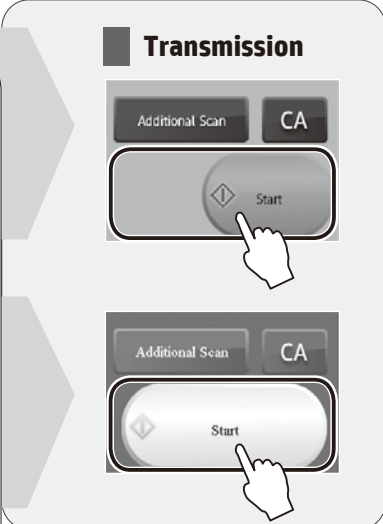
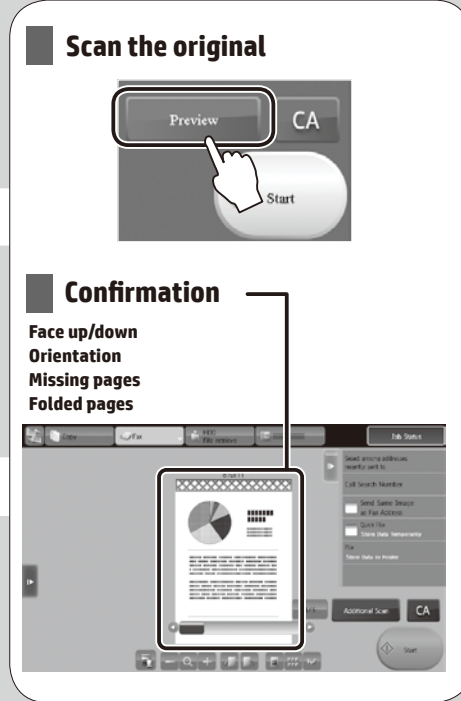
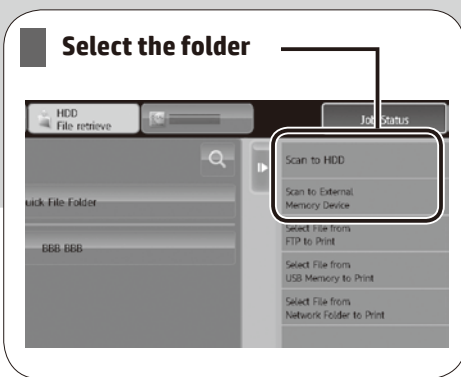
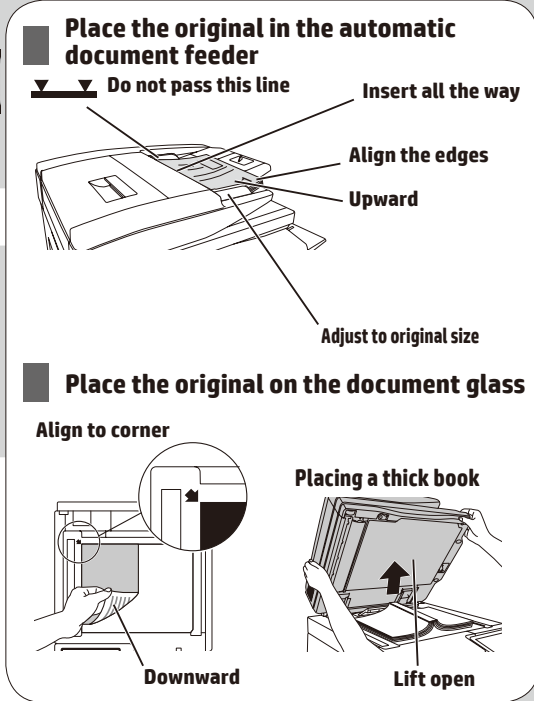
Step 5 Start



HDD file retrieve



Scan and store the file

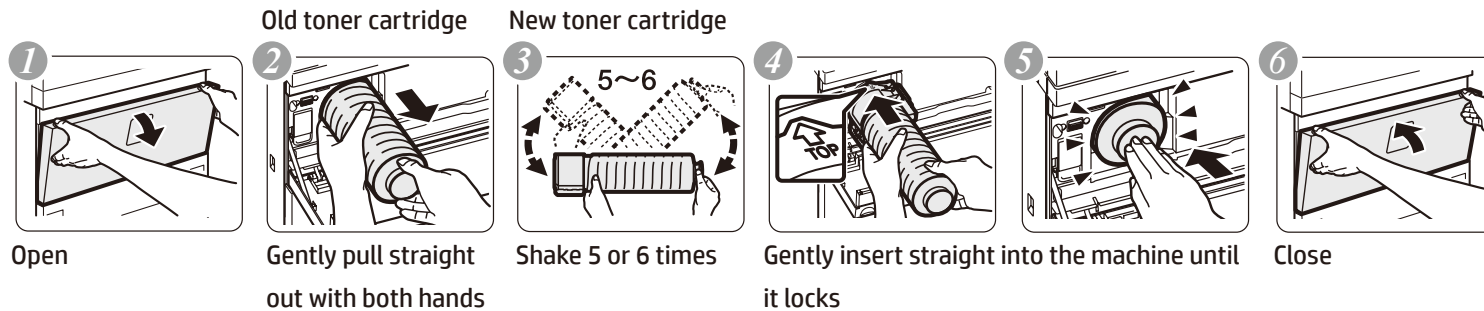


Replacing a toner cartridge

If you continue printing when the toner is running low, the message "Ready to scan for copy. (Change the toner cartridge.)" appears. Prepare a toner cartridge for replacement.

When the amount of toner decreases further, the message "Ready to scan for copy. (Change the toner cartridge.)" appears. When this message appears, replace the toner cartridge.

When the toner runs out, printing stops and the message "Change the toner cartridge." appears.



Caution

- Do not throw toner cartridges into a fire. Toner might fly and cause burns.
- Store toner cartridges out of the reach of small children.
- Store the toner in a location that is cooler than 104°F (40°C). Storage in a hot location might cause the toner in the cartridge to solidify.
- Always store toner cartridges on their sides. If toner cartridges are stored on end, the toner might harden and become unusable.
- If other toner cartridges are used, the machine might not attain full quality and performance and there is a risk of damage to the machine.

- NOTE:**
- Do not dispose of used toner cartridges. HP encourages customers to recycle used toner supplies.
 - To view the approximate amount of toner remaining, continually touch the [Home Screen] key during printing or when the machine is idle. The percentage of toner remaining will appear in the display while the key is continually touched.
 - Depending on your conditions of use, the image might become faint or the image blurred.

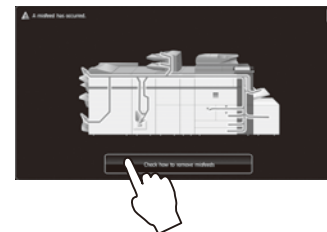
Removing misfeeds

When a paper misfeed occurs, the message "A misfeed has occurred." will appear in the touch panel and printing and scanning will stop.

In this event, touch the [Check how to remove misfeeds] key in the touch panel.

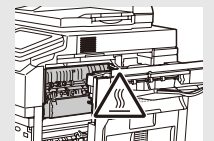
When the key is touched, instructions for removing the misfeed will appear. Follow the instructions.

When the misfeed is cleared, the message will automatically clear.



Caution

- The fusing unit and the output unit are hot.
- Take care not to touch the fusing unit or output unit when removing a misfeed to avoid burning yourself.



SPECIFICATIONS

Basic / Copier

Name	HP MFP S965dn, S975dn (F1J64A, F1J65A)
Type	Console
Color	Monochrome
Copier system	Laser electrostatic copier
Scanning resolution	600 × 600 dpi, 600 × 400 dpi, 600 × 300 dpi Print: 600 × 600 dpi, 1,200 × 1,200 dpi, equivalent to 9,600 dpi × 600 dpi
Gradation	Scan: equivalent to 256 levels / Print: equivalent to 256 levels
Original paper sizes	Max. 11" x 17" (A3) for sheets and bound documents
Copy sizes	12" × 18" (A3 wide) to 5-1/2" × 8-1/2"R (A5R), Custom, Transparency film, Heavy paper, Labels, Tab paper, Glossy paper Tray 1: 8-1/2" × 11", A4, B5 Tray 2: 8-1/2" × 11", A4 Tray 3: 11" × 17", 8-1/2" × 14", 8-1/2" × 13-1/2", 8-1/2" × 13-2/5", 8-1/2" × 13", 8-1/2" × 11", 8-1/2" × 11"R, 7-1/4" × 10-1/2"R, A3, B4, A4, A4R, B5, B5R Tray 4: 11" × 17", 8-1/2" × 14", 8-1/2" × 13-1/2", 8-1/2" × 13-2/5", 8-1/2" × 13", 8-1/2" × 11", 8-1/2" × 11"R, 7-1/4" × 10-1/2"R, 5-1/2" × 8-1/2"R, A3, B4, A4, A4R, B5, B5R, A5R, Custom Multi-bypass tray: 12" × 18" (A3 wide) to 5-1/2" × 8-1/2"R (A5R), Custom, Transparency film, Heavy paper, Labels, Tab paper, Glossy paper Long size paper Lost margin (leading edge): 11/64" (4 mm) ± 3/64" (± 1 mm) Lost margin (trailing edge): 6/64" (2 mm) - 13/64" (- 5 mm) Leading edge / trailing edge: total 21/64" (8 mm) or less Near edge / far edge: total 11/64" (4 mm) ± 6/64" (± 2 mm) or less

Warm-up time	20 seconds ● This might vary depending on the ambient conditions.
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	S965dn	S975dn
First-copy time	Document glass 3.9 seconds	3.5 seconds
	DSPF 5.9 seconds	5.4 seconds
	● This might vary depending on the state of the machine. * Portrait feeding of 8-1/2" × 11" (A4) sheets.	

	HP MFP S965dn	HP MFP S975dn	
Continuous copying speeds* (when shifter is not in operation)	8-1/2" × 11", A4, 7-1/4" × 10-1/2", B5	65 copies/min.	75 copies/min.
	8-1/2" × 11"R, A4R, 7-1/4" × 10-1/2"R, B5R, 5-1/2" × 8-1/2"R, A5R	45 copies/min.	48 copies/min.
	8-1/2" × 14", 8-1/2" × 13", 8-1/2" × 13-2/5", 8-1/2" × 13-1/2", B4	39 copies/min.	42 copies/min.
	11" × 17", A3	34 copies/min.	37 copies/min.
	12" × 18", A3 wide	31 copies/min.	34 copies/min.
* Continuous speed for same original source. Output might be temporarily interrupted to stabilize image quality.			

Copy ratios	Same size: 1:1 ± 0.8 % Enlarge: 121 %, 129 %, 200 %, 400 % Reduce: 25 %, 50 %, 64 %, 77 % Zoom range: 25 to 400 % (25 - 200 % using DSPF) in 1 % increments, total 376 increments. Can calculate zoom rate when mm is specified.
Paper feed / capacity	3,200 sheets in 4 trays (500 × 2 + 1,250 + 850) plus 100-sheet multi-bypass tray ● Using 21 lbs. Bond (80 g/m ²) weight paper
Max. paper feed / max. capacity	6,700 sheets in 4 trays (500 × 2 + 1,250 + 850) plus 100-sheet multi-bypass tray plus 3,500 sheets in large capacity tray ● Using 21 lbs. Bond (80 g/m ²) weight paper
Continuous copy	Max. 9999 copies
Memory	Standard: 3 GB HDD: 320 GB ● 1 GB = One billion bytes when referring to hard drive capacity. Actual format capacity is less.
Ambient environment	Operating environment 54 °F (10 °C) to 91 °F (35 °C) (20 % to 85 % RH) 590 - 1,013 hpa
	Standard environment 68 °F (20 °C) to 77 °F (25 °C) (65 ± 5 % RH)
Required power supply	110-volt input voltage: 100-127 VAC, 60 Hz Power consumption: 1.92 Kw 220-volt input voltage: 220-240 VAC, 50/60 Hz Power consumption: 1.84K w
Dimensions	26-3/32" (W) × 30-25/64" (D) × 47-15/16" (H) (663 mm (W) × 772 mm (D) × 1218 mm (H))
Weight	Approx. 366.0 lbs. (166 kg)
Overall dimensions	With multi-bypass tray extended/When the operation panel is closed 39-31/64" (W) × 32-13/64" (D) (1003 mm (W) × 818 mm (D))

Automatic Document Feeder (standard equipment)

Document feeder types	Duplex Single Pass Feeder (DSPF)
Original paper sizes	11" × 17" (A3) to 5-1/2" × 8-1/2" (A5)
Original paper types	Paper weight
	Thin paper 9 lbs. (35 g/m ²) to 13 lbs. (49 g/m ²) Plain paper 13 lbs. (50 g/m ²) to 34 lbs. (128 g/m ²)
	Two-sided
	13 lbs. (50 g/m ²) to 34 lbs. (128 g/m ²)
Paper storage capacity	150 sheets (21 lbs. (80 g/m ²)) (or maximum stack height of 50/64" (19.5 mm))
Scan speed (copy)	100 sheets/minute (600 × 300 dpi) ● When scanning one-sided, 8-1/2" × 11" (A4) vertical documents

Large Capacity Tray

Name	Large capacity tray (L5E75A)	Large capacity tray (L5E76A)
Paper sizes	8-1/2" × 11" (A4)	12" × 18" (A3 wide) to 8-1/2" × 11"R (B5)
Usable paper	16 lbs. Bond (60 g/m ²) to 80 lbs. Cover (220 g/m ²)	16 lbs. Bond (60 g/m ²) to 80 lbs. Cover (220 g/m ²)
Paper capacity	3,500	3,000
Dimensions	14-39/64" (W) × 22-41/64" (D) × 20-15/32" (H)	27-5/16" (W) × 23-3/16" (D) × 20-28/64" (H)
	(371 mm (W) × 575 mm (D) × 520 mm (H))	(694 mm (W) × 589 mm (D) × 519 mm (H))
	Approx. 64.4 lbs. (29.2 kg)	Approx. 110.3 lbs. (50 kg)

Finisher

Name	Finisher (F2A01A)	
Paper sizes	Depends on feeder specifications	
Usable paper	Paper weight	13 lbs. (55 g/m ²) to 110 lbs. Cover (300 g/m ²)
No. of trays	2	
	Upper tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 650 sheets 5-1/2" × 8-1/2"R (A5R) / 8-1/2" × 11" (A4) / B5: 1,550 sheets
	Staple function	11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R): 50 units or 650 sheets 8-1/2" × 11" (A4) / B5: 100 units or 1,550 sheets
Tray capacity (21 lbs. (80g/m ²))	Lower tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 650 sheets 8-1/2" × 11" (A4) / B5 / 5-1/2" × 8-1/2"R (A5R): 2,450 (1,700 sheets with offset output)
	Staple function	11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 11"R (A4R): 50 units or 650 sheets 8-1/2" × 11" (A4) / B5: 100 units or 1,700 sheets ● Offset output is not available for 12" × 18" (A3 wide) / 7-1/4" × 10-1/2"R (B5R) / 5-1/2" × 8-1/2"R (A5R).
		Max. no. of 50 sheets (24 lbs. (90 g/m ²)): 8-1/2" × 11" (A4, B5)
Max. no. of stapled sheets (24 lbs. (90 g/m ²))		48 sheets (21 lbs. (80 g/m ²)) + 2 sheets (140 lbs. index (256 g/m ²)) Max. no. of 30 sheets (24 lbs. (90 g/m ²)): 11" × 17" (A3), 8-1/2" × 14" (B4), 8-1/2" × 11"R (A4R)
Staple position	1 bottom (slant), 1 top (slant), 2 middle	
Required power supply	Supplied from this machine	
Weight	Approx. 92.6 lbs. (42 kg)	
	When output paper tray is stored	
		20-55/64" (W) × 26-1/16" (D) × 43-19/64" (H) (530 mm (W) × 662 mm (D) × 1100 mm (H))
Dimensions	When output paper tray is extended	
		25-63/64" (W) × 26-1/16" (D) × 43-19/64" (H) (660 mm (W) × 662 mm (D) × 1100 mm (H))

SPECIFICATIONS

Saddle Stitch Finisher

Name	Saddle Stitch Finisher (F2A03A)	
Paper sizes	Depends on feeder specifications	
Usable paper	Paper weight 13 lbs. Bond (55 g/m ²) to 110 lbs. Cover (300 g/m ²)	
No. of trays	2 (Upper tray / Lower tray) + Saddle Stitch tray	
Tray capacity (21 lbs. (80 g/m ²))	Upper tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 650 sheets
	Staple function	5-1/2" × 8-1/2"R (A5R): 8-1/2" × 11" (A4) / B5: 1,550 sheets 8-1/2" × 11" (A4) / B5: 100 units or 1,550 sheets 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R): 50 units or 650 sheets
	Lower tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 650 sheets
	Staple function	8-1/2" × 11" (A4) / B5 / 5-1/2" × 8-1/2"R (A5R): 2,450 sheets (1,700 sheets with offset output) 8-1/2" × 11" (A4) / B5: 100 units or 1,550 sheets 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R): 50 units or 650 sheets
	Saddle Stitch tray	10 units (11 to 15 sheets), 15 units (6 to 10 sheets), 25 units (1 to 5 sheets)
		● Offset output is not available for 12" × 18" (A3 wide) / 7-1/4" × 10-1/2"R (B5R) / 5-1/2" × 8-1/2"R (A5R).
	Max. no. of stapled sheets	Max. no. of 50 sheets (24 lbs. (90 g/m ²)): 8-1/2" × 11" (A4, B5) 48 sheets (21 lbs. (80 g/m ²)) + 2 sheets (140 lbs. index (256 g/m ²)) Max. no. of 30 sheets (24 lbs. (90 g/m ²)): 11" × 17" (A3), 8-1/2" × 14" (B4), 8-1/2" × 11"R (A4R)
	Staple position	1 bottom (slant), 1 top (slant), 2 middle
Staple method (for Saddle Stitch)	Centered fold with stapling in 2 center places	
Saddle Stitch fold position	Centered fold	
Saddle usable sizes	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 11"R (A4R)	
Saddle usable paper weight	16 lbs. (60 g/m ²) to 140 lbs. index (256 g/m ²) Paper weighing 28 lbs. (106 g/m ²) to 140 lbs. index (256 g/m ²) can only be used in cover mode and for single sheet fold.	
Max. no. of saddle-stitched sheets	Max. no. of 15 sheets (24 lbs. (90g/m ²)): 14 sheets (24 lbs. (90g/m ²)) + 1 sheet (140 lbs. index (256 g/m ²))	
Required power supply	Supplied from this machine	
Weight	Approx. 158.8 lbs. (72 kg)	
Dimensions	When output paper tray is stored	
	25-9/32" (W) × 26-1/16" (D) × 43-16/64" (H) (642 mm (W) × 662 mm (D) × 1100 mm (H))	
	When output paper tray is extended	
	30-25/64" (W) × 26-1/16" (D) × 43-16/64" (H) (772 mm (W) × 662 mm (D) × 1100 mm (H))	

Finisher (large stacker)

Name	Finisher (F2A02A)	
Paper sizes	Depends on feeder specifications	
Usable paper	Paper weight 13 lbs. (55 g/m ²) to 110 lbs. Cover (300 g/m ²)	
No. of trays	3 (Upper tray / Middle tray / Lower tray)	
Tray capacity (21 lbs. Bond (80g/m ²))	Upper tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 750 sheets
	Staple function	5-1/2" × 8-1/2"R (A5R), 8-1/2" × 11" (A4) / B5: 1,500 sheets 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R): 50 units or 750 sheets 8-1/2" × 11" (A4) / B5: 100 units or 1,500 sheets
	Middle tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 125 sheets
	Staple function	8-1/2" × 11" (A4) / B5 / 5-1/2" × 8-1/2"R (A5R): 250 sheets
	Lower tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 750 sheets
	Staple function	8-1/2" × 11" (A4) / B5 / 5-1/2" × 8-1/2"R (A5R): 2,500 (1,500 sheets with offset output) 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R): 50 units or 750 sheets 8-1/2" × 11" (A4) / B5: 100 units or 1,500 sheets
		● Offset output is not available for 12" × 18" (A3 wide) / 7-1/4" × 10-1/2"R (B5R) / 5-1/2" × 8-1/2"R (A5R).
Max. no. of stapled sheets	Max. no. of 100 sheets (24 lbs. (90 g/m ²)): 8-1/2" × 11" (A4, B5) Max. no. of 98 sheets (21 lbs. (80 g/m ²)) + 2 sheets (110 lbs. Cover (300 g/m ²)) Max. no. of 50 sheets (24 lbs. (90 g/m ²)): 11" × 17" (A3), 8-1/2" × 14" (B4), 8-1/2" × 11"R (A4R)	
Staple position	1 bottom (slant), 1 top (slant), 2 middle	
Required power supply	Supplied from this machine AC 120V ±10% 60Hz	
Weight	Approx. 134.5 lbs. (61 kg)	
Dimensions	When output paper tray is stored	
	25-3/4" (W) × 30-7/64" (D) × 40-15/16" (H) (654 mm (W) × 765 mm (D) × 1040 mm (H))	
	When output paper tray is extended	
	30-25/32" (W) × 30-7/64" (D) × 40-15/16" (H) (782 mm (W) × 765 mm (D) × 1040 mm (H))	

Saddle Stitch Finisher (large stacker)

Name	Saddle Stitch Finisher (large stacker) (F2A04A)	
Paper sizes	Depends on feeder specifications	
Usable paper	Paper weight	13 lbs. Bond (55 g/m ²) to 110 lbs. Cover (300 g/m ²)
No. of trays	3 (Upper tray / Middle tray / Lower tray) + Saddle Stitch tray	
	Upper tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 750 sheets
	Staple function	5-1/2" × 8-1/2"R (A5R): 8-1/2" × 11" (A4) / B5: 1,500 sheets 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 13" / 8-1/2" × 13-1/2" / 8-1/2" × 13-2/5" / 8-1/2" × 11"R (A4R): 50 units or 750 sheets 8-1/2" × 11" (A4) / B5: 100 units or 1500 sheets
	Middle tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 125 sheets
Tray capacity (21 lbs. (80 g/m ²))		8-1/2" × 11" (A4) / B5 / 5-1/2" × 8-1/2"R (A5R): 250 sheets
	Lower tray	
	Non-stapled	12" × 18" (A3 wide) / 11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 11"R (A4R) / 7-1/4" × 10-1/2"R (B5R): 750 sheets 8-1/2" × 11" (A4) / B5 / 5-1/2" × 8-1/2"R (A5R): 2,500 (1,500 sheets with offset output)
	Staple function	11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 11"R (A4R): 50 units or 750 sheets 8-1/2" × 11" (A4) / B5: 100 units or 1,500 sheets
	Saddle Stitch tray	5 units (16 to 20 sheets), 10 units (11 to 15 sheets), 15 units (6 to 10 sheets), 25 units (1 to 5 sheets)
		● Offset output is not available for 12" × 18" (A3 wide) / 7-1/4" × 10-1/2"R (B5R) / 5-1/2" × 8-1/2"R (A5R).
Max. no. of stapled sheets (24 lbs. (90 g/m ²))	Max. no. of 100 sheets (24 lbs. (90 g/m ²)): 8-1/2" × 11" (A4, B5)	Max. no. of 98 sheets (21 lbs. (80 g/m ²)) + 2 sheets (110 lbs. Cover (300 g/m ²))
		Max. no. of 50 sheets (24 lbs. (90 g/m ²)): 11" × 17" (A3), 8-1/2" × 14" (B4), 8-1/2" × 11"R (A4R)
Staple position	1 bottom (slant), 1 top (slant), 2 middle	
Staple method (for Saddle Stitch)	Centered fold with stapling in 2 center places	
Saddle Stitch fold position	Centered fold	
Saddle usable sizes	11" × 17" (A3) / 8-1/2" × 14" (B4) / 8-1/2" × 11"R (A4R) / 12" × 18" (A3 wide)	
Saddle usable paper weight	16 lbs. (60 g/m ²) to 110 lbs. Cover (300 g/m ²) Paper weighting 28 lbs. (106 g/m ²) to 140 lbs.index (256 g/m ²) is only able to be used in cover mode and for single sheet fold.	
Max. no. of saddle-stitched sheets	Max. no. of 20 sheets (24 lbs. (90 g/m ²)): 19 sheets (24 lbs. (90 g/m ²)) + 1 sheet (110 lbs. Cover (300 g/m ²))	
Required power supply	AC 120V ±10% 60Hz	
Weight	Approx. 238.1 lbs. (108 kg)	
Dimensions	When output paper tray is stored 30-3/16" (W) × 30-7/64" (D) × 40-15/16" (H) (767 mm (W) × 765 mm (D) × 1040 mm (H)) When output paper tray is extended 35-17/64" (W) × 30-7/64" (D) × 40-15/16" (H) (896 mm (W) × 765 mm (D) × 1040 mm (H))	

Punch Module

Name	Punch module, 50 sheet (F2A03A / F2A01A) F2A12A, F2A13A, F2A14A, F2A15A	
Paper size for punch module	A3 (11" × 17") to B5R (7-1/4" × 10-1/2"R)	
Holes	2 hole, 2/3 hole, 4 hole, 4 hole wide	
Required power supply	Supplied from finisher/saddle-stitch finisher	
Dimensions	102 mm (W) × 662 mm (D) × 914 mm (H) (4-1/64" (W) × 26-1/8" (D) × 36" (H))	
Weight	Approx. 8 kg (17.6 lbs.)	

Punch Module

Name	Punch module, 100 sheet (F2A04A / F2A02A) F2A16A, F2A17A, F2A18A, F2A19A	
Paper size for punch module	A3 (11" × 17") to B5R (7-1/4" × 10-1/2"R)	
Holes	2 hole, 2/3 hole, 4 hole, 4 hole wide	
Required power supply	Supplied from finisher/saddle-stitch finisher	
Dimensions	95 mm (W) × 715 mm (D) × 392 mm (H) (3-47/64" (W) × 28-5/32" (D) × 9-13/32" (H))	
Weight	Approx. 3.7 kg (8.2 lbs.)	

Inserter

Name	Inserter (F2A10A)	
Usable size for inserter	12" × 18" (A3wide), 11" × 17", 8-1/2" × 14", 8-1/2" × 13-1/2", 8-1/2" × 13-2/5", 8-1/2" × 13", 8-1/2" × 11", 8-1/2" × 11"R, 7-1/4" × 10-1/2"R, 5-1/2" × 8-1/2"R, A3, B4, A4, A4R, B5, B5R, A5R	
Usable paper	16 lbs. Bond to 80 lbs. Cover (60 g/m ² to 220 g/m ²)	
No. of trays	2	
Tray capacity (21 lbs. (80 g/m ²))	Upper tray: 200 sheets Lower tray: 200 sheets	
Required power supply	Supplied from the machine	
Dimensions	21-17/64" (W) × 29-59/64" (D) × 50-7/32" (H) (540 mm (W) × 760 mm (D) × 1276 mm (H))	
Weight	Approx. 99.2 lbs. (45 kg)	

Curl Correction Unit

Name	Curl Correction Unit (F2A05A)	
Paper size	Depends on feeder specifications	
Usable paper	Supplied from the machine	Depends on feeder specifications
Required power supply	Depends on feeder specifications	
Dimensions	8-7/16" (W) × 29-59/64" (D) × 38-13/16" (H) (214 mm (W) × 760 mm (D) × 986 mm (H))	
Weight	40.6lbs.(18.4kg)	

SPECIFICATIONS

Relay Unit

Name	Relay Unit (F2A20A)	Relay Unit (L5E77A)
Dimensions	8-7/16" (W) × 29-59/64" (D) × 38-13/16" (H) (214 mm (W) × 760 mm (D) × 986 mm (H))	19-41/64" (W) × 28-17/64" (D) × 8-17/64" (H) (499 mm (W) × 718 mm (D) × 210 mm (H))
Weight	32.0 lbs (14.5 kg)	11.1 lbs (5 kg)

Trimming Module

Name	Trimming Module (F2A08A)
Usable size for trimming module	12" × 18" (A3wide), 11" × 17", 8-1/2" × 14", 8-1/2" × 13", 8-1/2" × 13-1/2", 8-1/2" × 13-2/5", 8-1/2" × 11"R, A3, B4, A4R
Max. no. of sheets to be trimmed	2 to 20 sheets (16 lbs. Bond to 21 lbs. Bond (60 g/m ² to 81.4 g/m ²)) 2 to 10 sheets (21 lbs. Bond over to 28 lbs. Bond (81.4 g/m ² over to 105 g/m ²)) 2 to 3 sheets (28 lbs. Bond over to 80 lbs. Cover (105 g/m ² over to 220 g/m ²)) <ul style="list-style-type: none"> • When plain paper trimmed. Including one front cover of 110 lbs. Cover (300 g/m²) or less.
Required power supply	Supplied from Saddle Stitch finisher
Dimensions	9-7/8" (W) × 24-15/32" (D) × 15-7/8" (H) (251 mm (W) × 625 mm (D) × 403 mm (H))
Weight	Approx. 70.6 lbs. (32 kg)

Folding Unit

Name	Folding Unit (F2A09A)
Folding types	Z-Fold, C-Fold, Accordion Fold, Double Fold, Half Fold.
Usable size for folding unit	Z-Fold: 11" × 17", 8-1/2" × 14", 8-1/2" × 11"R, A3, B4, A4R C-Fold, Accordion Fold, Double Fold, Half Fold: 8-1/2" × 11"R, A4R
Usable paper	16 lbs. Bond to 28 lbs. Bond (55 g/m ² to 105 g/m ²) C-Fold/Accordion Fold/Double Fold
Tray capacity (21 lbs. (80 g/m ²))	2-23/64" (60 mm) (Equivalent to 40 sheets. (Equivalent to 25 sheets for Double Fold)) <ul style="list-style-type: none"> • Copies made in Z-Fold or Half Fold are output to the tray of the finisher (large stacker) or Saddle Stitch finisher (large stacker).
Required power supply	Supplied from finisher / Saddle Stitch finisher
Dimensions	13-15/32" (W) × 31-7/32" (D) × 41-11/32" (H) (336 mm (W) × 793 mm (D) × 1050 mm (H))
Weight	Approx. 145.5 lbs. (66 kg)

Fax

Name	Fax Expansion kit (F2A55A)	
Usable lines	General phone lines (PSTN), private branch exchange (PBX)	
Connection speed	Super G3: 33.6 kbps, G3: 14.4 kbps	
Coding method	MH, MR, MMR, JBIG	
Connection mode	Super G3 / G3	
Original paper sizes for transmission	11" × 17" (A3) to 5-1/2" × 8-1/2" (A5) (Paper with a max. length of 1,000 mm can be transmitted (one-sided only).)	
Registered paper size	11" × 17" (A3) to 5-1/2" × 8-1/2" (A5)	
Transmission time	Approx. 2 seconds *1 (8-1/2" × 11" (A4) HP standard paper, normal characters, Super G3 (JBIG)) Approx. 6 seconds (G3 ECM)	
Memory	1 GB	
Notes	Touch dial memory	Max. of 2,000 entries (Including group dialing for fax, scanner, and Internet fax)
	Entries per group	Max. of 500 entries
	Mass transmissions	Max. of 500 recipients

*1 Complies with the 33.6 kbps transmission method for Super G3 facsimiles standardized by the International Telecommunications Union (ITU-T). This is the speed when sending an 8-1/2" × 11" (A4) size piece of paper of around 700 characters at standard image quality (8 × 3.85 chars/mm) in Hi-speed mode (33.6 kbps). This is the transmission speed for image information only and does not include time for transmission control. The actual time needed for a transmission depends on the content of the text, type of receiving fax machine, and telephone line conditions.

Network Printer

Type	Built-in type
Continuous print speed	Same as continuous copy speed
Resolution	Data processing: 600 × 600 dpi, 1,200 × 1,200 dpi Print: 600 × 600 dpi, 1,200 × 1,200 dpi equivalent to 9,600 dpi × 600 dpi
Page description language	Standard: PCL6 emulation, Adobe® PostScript®3™
Compatible protocols	TCP/IP (IPv4/IPv6), IPX/SPX, IPP, EtherTalk
Compatible OS	Windows Server 2003, Windows Vista, Windows Server 2008, Windows 7, Windows 8, Windows Server 2012 Macintosh (Mac OS X 10.4, 10.5, 10.6, 10.7, 10.9)*
Internal fonts	80 fonts for PCL, 136 fonts for Adobe® PostScript®3™
Memory	Machine system memory and hard disk
Interface	10BASE-T/100BASE-TX/1000BASE-T, USB 2.0 (high speed mode)

Network Scanner

Type	Color scanner	
Scan resolution (main × vertical)	100 × 100 dpi, 150 × 150 dpi, 200 × 200 dpi, 300 × 300 dpi, 400 × 400 dpi, 600 × 600 dpi (push scan) 50 to 9,600 dpi *1 (pull scan)	
	Duplex Single Pass Feeder (DSPF)	
Scan speed (8-1/2" × 11" (A4))	B/W:	100 sheets/minute (200 × 200 dpi) (one-sided), 200 pages/minute (200 × 200 dpi) (two-sided)
	Color:	100 sheets/minute (200 × 200 dpi) (one-sided), 200 pages/minute (200 × 200 dpi) (two-sided)
		● When in standard mode using HP standard paper (8-1/2" × 11" (A4) size with 6% coverage) and the auto color detector is turned off. The speed varies depending on the data volume of the original.
Interface	10BASE-T/100BASE-TX/1000BASE-T, USB 2.0 (when an external memory device is used)	
Compatible protocols	TCP/IP (IPv4)	
Compatible OS *2	Pull scan (TWAIN)	Windows Server 2003, Windows Vista, Windows Server 2008, Windows 7, Windows 8, Windows Server 2012
Output format	(B/W) TIFF, PDF, PDF/A, encrypted PDF, XPS *3 Compression method: decompression, G3 (MH), G4 (MMR) (Gray scale/color) TIFF, JPEG, PDF, PDF/A, encrypted PDF, high compression PDF*4, XPS*3 Compression method: JPEG (high, mid, and low compression)	
Driver	TWAIN compliant	

*1: You must decrease the scan size when increasing the resolution.

*2: There are situations when a connection cannot be established.
Please contact your HP or third party service and support representative.

*3: XPS stands for XML Paper Specification.

Wireless LAN

Type	Built-in type
Compliance standards	IEEE802.11n/g/b
Transmission method	OFDM (IEEE 802.11n/g), DS-SS (IEEE 802.11b)
Frequency band / channels	IEEE802.11n/g/b: 2.4 GHz (1 - 11 ch)
Transmission speed (value of standard) *1	IEEE802.11n max. 150 Mbps IEEE802.11g max. 54 Mbps IEEE802.11b max. 11 Mbps
Security	WEP, WPA Personal, WPA Enterprise*2, WPA2 Personal, WPA2 Enterprise*2

*1: The indicated values are maximum theoretical values for the Wireless LAN Standard. The values do not indicate actual data transmission speeds.

*2: Cannot be used in Access Point mode.

SUPPLIES

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

Be sure to use only HP-compatible products for the toner cartridges, finisher staple cartridge, and transparency film.



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

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 might curl or become damp, resulting in paper misfeeds.

■ Storing toner cartridges

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

■ Staple cartridge

The finisher and saddle finisher require the following staple cartridge:

- F5A43A (for Saddle Stitch of Saddle Stitch finisher (large stacker))
Approx. 5000 per cartridge x 3 cartridges
- F5A44A (for finisher (large stacker) and saddle finisher (large stacker))
Approx. 5000 per cartridge x 3 cartridges
- F5A45A (for finisher and Saddle Stitch finisher)
Approx. 5000 per cartridge x 3 cartridges
- F5A46A (for Saddle Stitch of Saddle Stitch finisher)
Approx. 2000 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 might 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 are available for 7 years following the termination of production.

Noise emission

Noise emission values

The following shows noise emission values as measured according to ISO7779.

Sound power level L_{WAd}

	F1J64A	F1J65A
Operating (continuous printing)	7.8 B	7.8 B
Standby (low power level mode)	-	-

Sound pressure level L_{pAm}

		F1J64A	F1J65A
Operating (continuous printing)	Bystander positions	59 dB	60 dB
Standby (low power level mode)	Bystander positions	31 dB	31 dB

- NOTE:**
- Operating: With options F2A01A, L5E77A, L5E75A
 - Standby: “-” = less than background noise

TO THE ADMINISTRATOR OF THE MACHINE

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, or Scan to Network Folder, 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 [Settings mode] (Administrator-level access privileges are required.)

- NOTE:**
- The format, exposure, and resolution settings of transmitted and received data remain in effect when the data is forwarded.
 - When forwarding is enabled for data sent in fax mode,
 - The [Direct TX] key does not appear in the touch panel.
 - Quick online transmission and dialing using the speaker cannot be used.

Settings mode password

The administrator password is required to change the machine's settings mode. Settings mode can be changed from either the operation panel or using a computer web browser. After setting up the machine, refer to [Settings mode] in the User's Manual to set a new password.

Password for logging in from this machine

The factory default password for the machine is "admin".

Password for logging in from a computer

There are two accounts that can log in from a web browser: "Administrator" and "User". The factory default passwords for each account are shown below. Logging in as an "Administrator" will allow you to manage all the settings available via web browser.

When connecting to the network

When connecting the machine to the network, do not connect directly to the internet. Connect to the sub network behind a firewall. Manage the connected devices in the sub network so that the network condition is always maintained. Also use the filter setting function to prevent illegal access.

NOTE: The same passwords are used for logging in from the operation panel and from a web browser. If the administrator changes a password, that password will be effective when logging in from both the operational panel and a web browser.

(Cut along the dotted line and keep in a safe place.)

About password management

It is best to change the administrator password right after installing the machine. The password should be changed by the administrator and strictly managed. Record the changed password in the following table and store it carefully.

Factory default		New password	
Administrator password	admin		



Please do not forget newly set administrator password. If it is forgotten there is no way to confirm it and some settings and functions that require administrator authorization may not be used.

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