

Reference Guide



Main Unit

Apeos 7580

Apeos 6580

Apeos 5580

1 Preface

A guide describing the basic operations, maintenance and precautions for use of the main unit.

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- Some parts of this manual are subject to change without prior notice.
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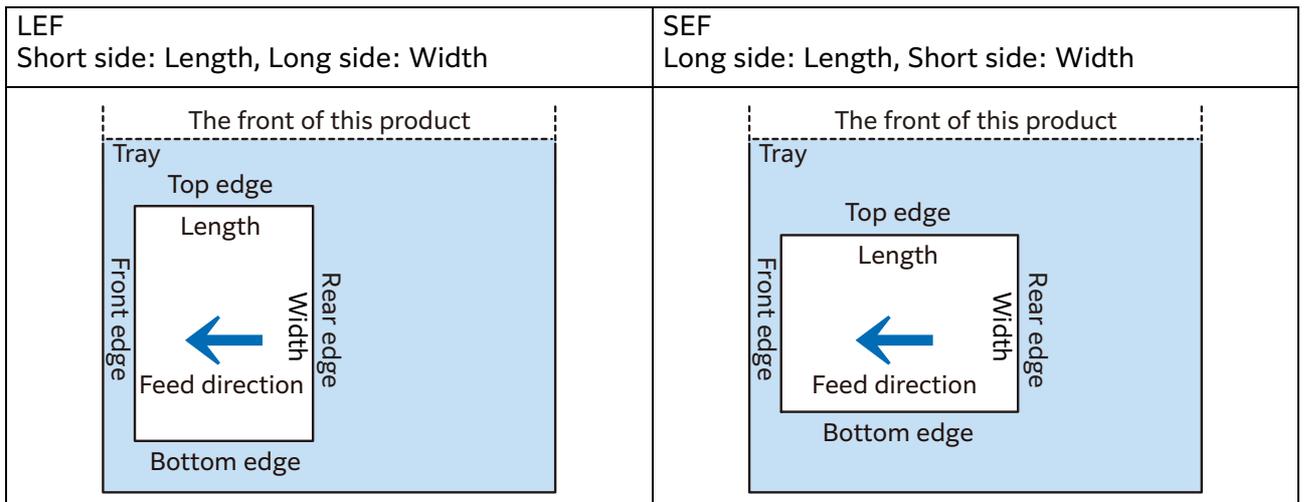
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Notations in Manual

The following symbols are used in this manual.

-  **Important** Indicates important information you have to know or be reminded before operations.
-  **Note** Indicates supplemental information useful for operations.
-  **Refer** Indicates reference destinations.
- “ ” Names and inputs of folders, files, apps, and functions. Also reference pages of the manual.
- < > Keys of the keyboard, buttons and lamps of the optional units.
- [] Tab names, item names, button names, menu names, and file names on the printer operation screen.
- > The display order on the control panel. It is used as [Item name] > [Item name].
- “ ” A manual to be referenced.

- There are two paper loading directions: LEF and SEF.
- The width, length, front edge, rear edge, top edge, and bottom edge of paper indicate the following positions. (For the High Capacity Feeder and Paper Tray 5 (Bypass), the feeding direction is opposite.)

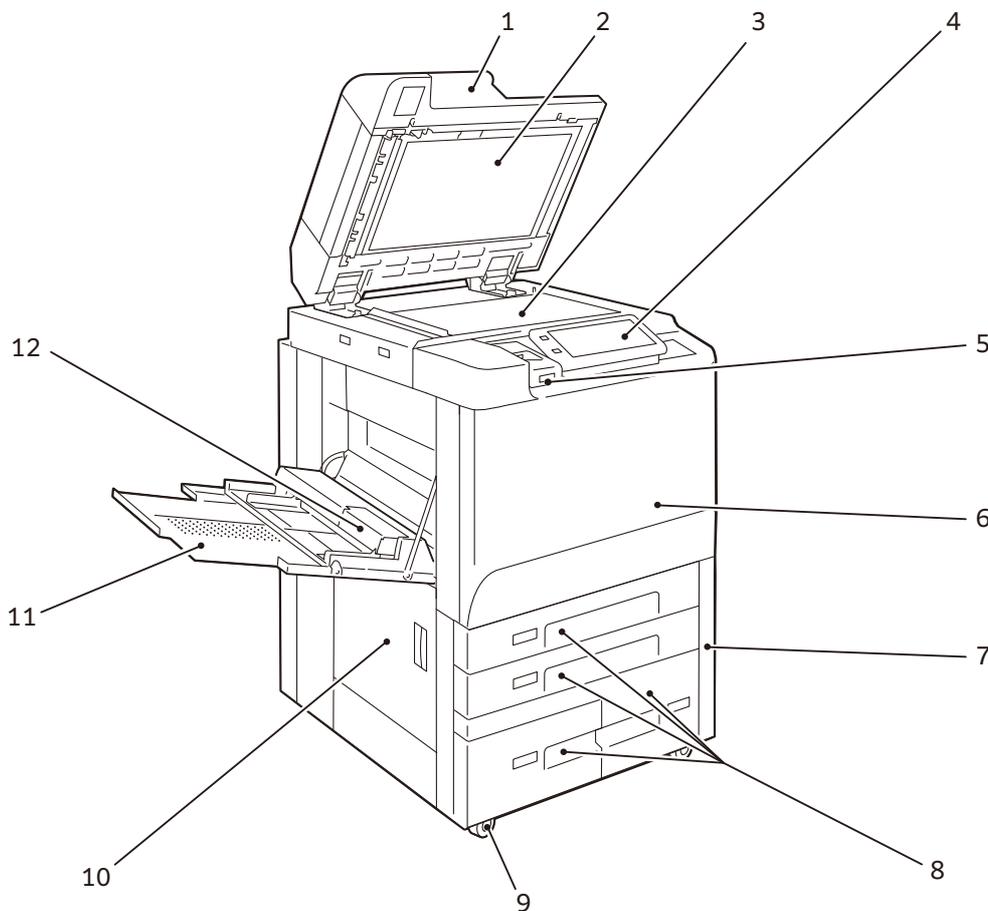


- Some functions mentioned in this manual may not be used according to the model and installed optional units.
- “WSD” stands for “Web Services on Devices”.
- “XPS” stands for “XML Paper Specification”.

2 Before Using the Machine

2.1 Device Components

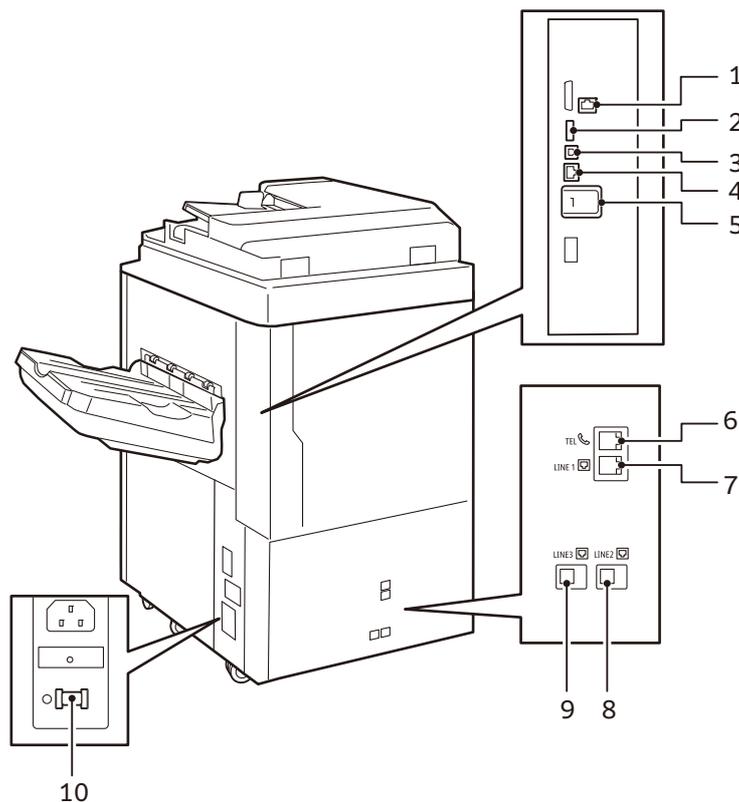
Front



No.	Component	Function
1	Duplex Automatic Document Feeder	Load a document here.
2	Document Cover	Holds a document in place.
3	Document Glass	Load a document here.
4	Control Panel	Consists of operation buttons, LED indicators, and the Touch Panel Display.
5	Smart WelcomEyes(SWE) Motion Sensor	Exits the Power Saver Mode when the machine detects user presence.
6	Front Cover	Open this cover to clear paper jams or replace the consumables.

No.	Component	Function
7	Waste Toner Container Cover	Open this cover to replace the Waste Toner Container.
8	Paper Trays 1, 2, 3, 4	Load paper here.
9	Locking casters	Used to move this machine.
10	Lower Left Cover	Open this cover to clear paper jams.
11	Paper Tray 5 (Bypass)	Used for loading non-standard paper that cannot be loaded in Trays 1, 2, 3, 4.
12	Paper Tray 5 (Bypass) Top Cover	Open this cover to clear paper jams.

Right Side and Rear



No.	Component	Function
1	Network Port (optional)	Connects to a network cable.
2	USB 2.0 interface connector	Connects to a memory card reader, an optional component or a peripheral with a USB cable.
3	USB 3.0 interface connector	Connects to a USB cable for printing.
4	Network Port	Connects to a network cable.
5	Wireless Network Kit (optional)	Used for connecting wireless network (Wi-Fi/Bluetooth) to the machine.

No.	Component	Function
6	Telephone line connectors (TEL)	Use "TEL" to call when using the telephone or handset (optional). Use "LINE 1" for calls using a handset connected to the TEL jack.
7	Telephone line connectors (LINE1)	
8	Telephone line connectors (LINE2)	
9	Telephone line connectors (LINE3)	
10	Reset button	Automatically switches the machine off when a current leakage is detected.

LAN connection

When connecting to the network port, keep the machine power switched off.



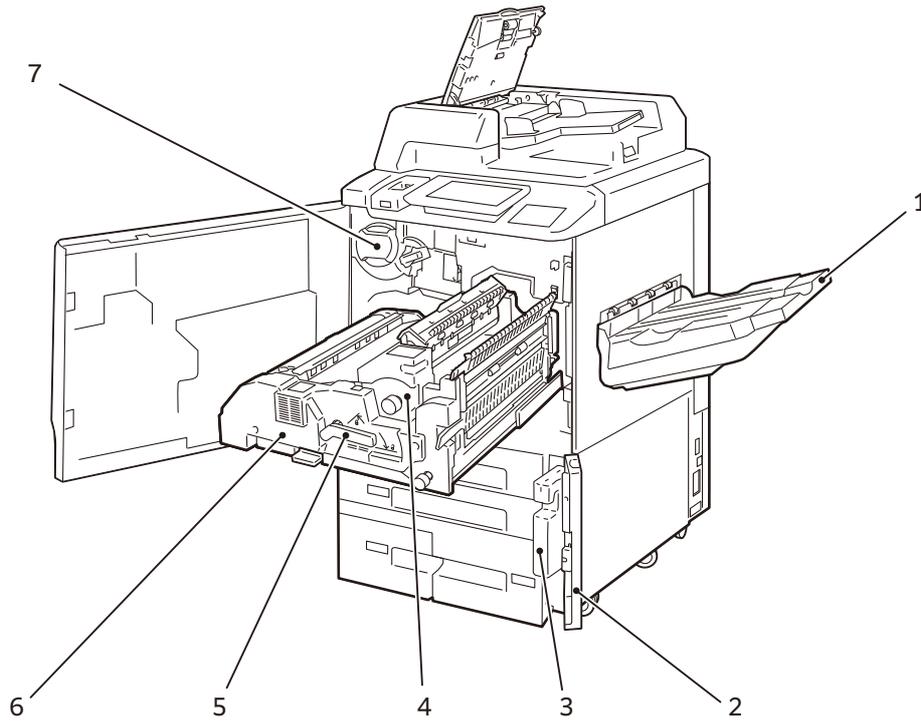
Note

When a connection failure occurs, it may be improved by setting [Disabled] in  > [Device] > [Network Settings] > [Protocol Settings] > [Ethernet Settings] > [Energy Efficient Ethernet] in the System Administrator mode.

USB connection

When connecting to a USB connector, keep the machine power switched off.

Inside

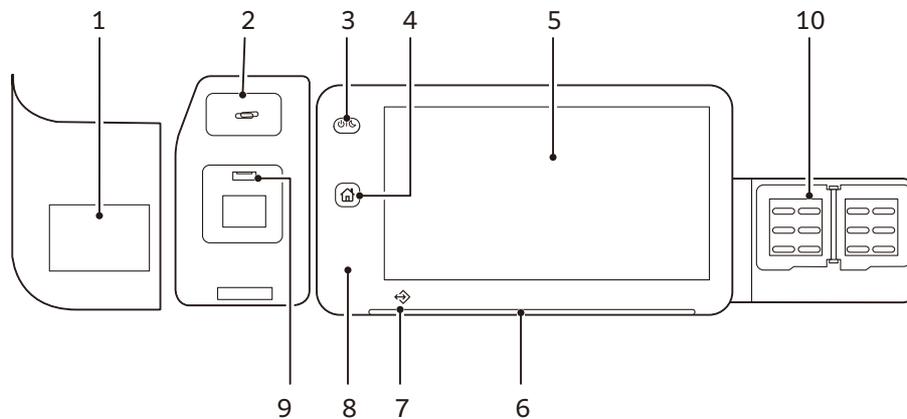


No.	Component	Function
1	Offset Catch Tray (optional)	Outputs are delivered here.
2	Waste Toner Container Cover	Open this cover to replace the Waste Toner Container.
3	Waste Toner Container	Collects waste toner.
4	Fusing Unit	Fuses toner on paper.
5	Handle	Used to pull out the Transfer Unit.
6	Transfer Unit	Transfers toner images on the drum to paper.
7	Toner Cartridge	Contains the toner (image forming powder).

Control Panel

Refer

For Control Panel, refer to the "Reference Guide - Operations".



No.	Component	Function
1	Built-in IC Card Reader (optional)	Used to authenticate a user using an IC card.
2	Paper Clip Tray	Used for placing paper clips and staples.
3	Power Button	The power switches on. <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;">  Note </div> <ul style="list-style-type: none"> • When "Please wait..." is displayed, the machine is warming up. The use of machine is not available during this time. • If the power does not switch on, confirm that the Reset button is in the reset position (button is pushed in) and the power plug is connected. </div>
4	Home Button	Pressing this button displays the Home screen. <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;">  Note </div> <p>When the Home button is pressed, the settings of all applications in operation are reset.</p> </div>
5	Touch Panel Display	Displays messages required for operation, and buttons for various features.
6	Status Display Indicator	The indicator lights up in green at an instant of operation reception. When an error occurs, the lamp blinks in orange.
7	Data Indicator	This indicator blinks while data is being sent from the machine or data is being received from the client computer. Also, this indicator lights up when documents are saved in the machine or the fax is stored in a local folder.
8	NFC touch area	This is an area for you to hold up your NFC-supported mobile devices over. To communicate interactively, the NFC function of this machine needs to be enabled.

No.	Component	Function
9	USB memory slot (optional)	Insert a USB memory device directly here.  Note A memory card reader or a USB memory device cannot be connected to the USB memory slot with a USB cable. Note that the machine will not recognize the memory on a memory card reader or a memory device connected to a USB interface connector on the rear side of the machine when a USB memory device is already inserted in the USB memory slot.
10	Fax One-touch Button (optional)	Allows you to specify a recipient with the simple press of a button. A recipient can be specified for [Fax], [Internet fax], [Email], and [Scan].

2.2 Print Area

Image Loss Width (mm)

There is an unprintable area (image loss area) along all four edges of the paper.

The image loss widths are 4.0 mm at the front edge, 4.0 mm at the rear edge, 4.0 mm at the top edge, and 4.0 mm at the bottom edge.

Guaranteed Print Area (mm)

The following are the areas for which the image quality is guaranteed.

A3 or smaller		Area excluding an image loss area along all four edges of the paper.
Larger than A3	Copying	Max: 297 x 432
	Printing	Max: 297 x 449.2

Standard Printable Area (mm)

A3 or smaller		Area excluding a margin (4.1 mm) along all four edges of the paper.
Larger than A3	Copying	Max: 297 x 432
	Printing	Max: 296.6 x 449

Extended Printable Area (mm)

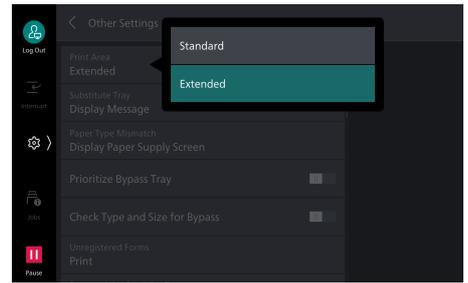
Changing the printable area settings enables you to print over a margin (4.1 mm) for the standard printable area.

A3 or smaller		Area excluding an image loss area along all four edges of the paper.
Larger than A3	Copying	Max: 297 x 432
	Printing	Max: 297 x 449.2

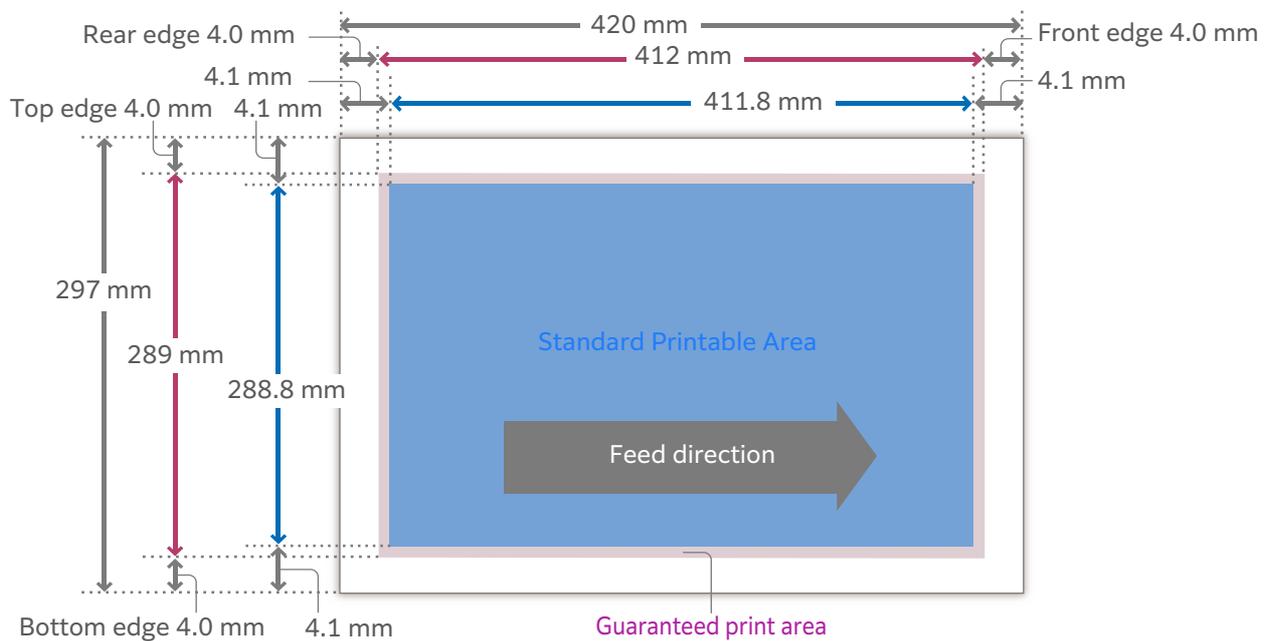
Changing the extended printable area settings

1. Login to the System Administrator Mode.
2. Tap  > [Device] > [App Settings] > [Print Settings] > [Other Settings] > [Print Area] > [Extended].

You can change the settings from [Tray / Output] > [Edge Erase / Print Position] > [Margins] of the ART EX printer driver.



A3 size (297 x 420 mm)



Note

- When the paper size is A3 or smaller, extended printable area = guaranteed print area.
- When the paper size is larger than A3, our company does not guarantee the image quality for the portion of the extended printable area that exceeds the guaranteed print area.

2.3 Paper

Recommended Paper

Standard paper

Paper name	Paper type setting for paper tray	Image processing to the paper type	Image quality guarantee	Paper weight (g/m ²)
C ² paper	Plain	Plain (A)	Monochrome	70

To use paper other than the above, contact your local representative.

Recycled paper

Paper name	Paper type setting for paper tray	Image processing to the paper type	Paper weight (g/m ²)	Recycled pulp blending ratio
GR100	Recycled paper	Recycled paper (A)	67	100%

Unusable paper

Avoid using the following paper to prevent machine malfunction.

- Paper using ink that deteriorates with fusing heat
- Ink jet printer paper
- Business card size paper
- Wrinkled or folded paper
- Damp paper, damp and wavy paper
- Paper with 12 mm or greater curl
- Thermal paper, heat-transfer paper
- Envelopes

There are more types of unusable paper other than the above. For details, contact your local representative.

Storing and Handling Paper

Storing paper

Follow the guidelines below since paper is susceptible to moisture in the air and easily deformed by impacts.

- Store paper in a place of low humidity. Paper that has absorbed moisture can create paper jams or poor image quality.
- Using paper stored in a low-temperature environment may cause fusing failures. Storing paper in an environment where the temperature is 16°C or higher is recommended.
- After opening a package of paper, seal and store the remaining paper in a moisture-proof wrapper or a reclosable plastic bag.
- To prevent bending or warping, store paper flat. Do not store it upright.
- Do not store paper under direct sunlight.

Handling paper

- Do not use collected pieces of paper.
- Do not use wrinkled or folded paper.
- Do not load paper of different sizes or types in the same tray.
- Before loading paper into the tray, fan a stack of paper well to prevent paper jams and doublefeeding (multiple sheets of paper are being fed simultaneously) of transparency films.

3 Basic Operations of the Machine

3.1 Loading Paper

After loading paper, configure the Paper Tray settings on the Home screen.



Important

Do not place paper or other objects in the reserved space of the tray. It may cause paper jams or machine malfunction.



Note

- While the printer is processing a job, do not remove the Paper Tray used for the job.
- Before loading the paper into the Paper Tray, fan a stack of paper well. This will separate the sheets, and it can prevent paper jamming.
- It is recommended to use our recommended papers. Print may not be done correctly according to the use conditions.



Refer

For details, refer to "Setup" in "Reference Guide - Operations".

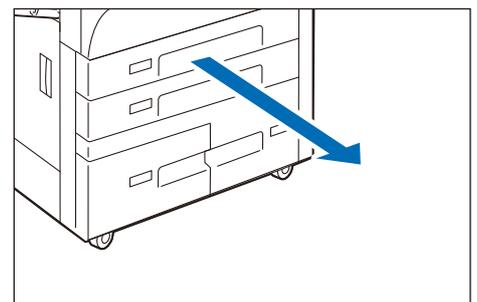
Paper Trays 1, 2

The paper feeding method is the same for Paper Trays 1 (top tray) through 2 (second tray). The bottom face of loaded paper is the surface printed on.

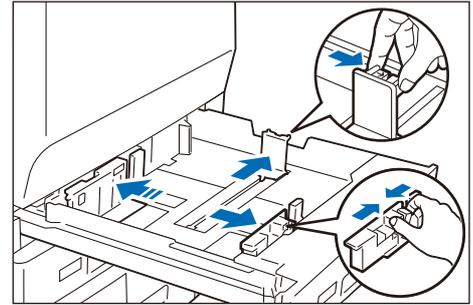
Loadable

Paper size	Max	A3, 11 x 17"
	Min	A5
Paper weight (g/m ²)	Single side printing	52 to 200
Maximum number of sheets (sheets)(C ² paper)		600 x 2 Trays

1. Pull out the Paper Tray until it stops.
2. When paper is already loaded in the tray, take out the paper.



3. Pinch the two Guide Clips, and adjust to the correct paper size.



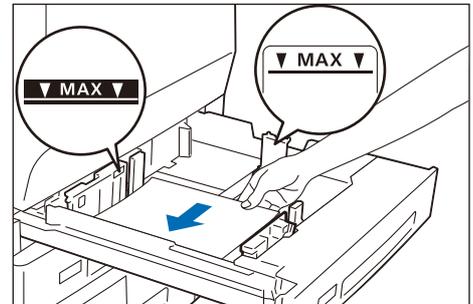
4. Fan a stack of paper, face the print surface down, and then load the paper with edges aligned according to the direction of the arrow.

 **Important**

Do not load paper above the maximum fill line. It may cause paper jams or machine malfunction.

 **Note**

Adjust the guide correctly to the paper size. If the guide is not adjusted correctly, the machine cannot feed the paper properly, resulting in paper jams.



5. Push in the Paper Tray.

Setting special paper and other media

Hole punched paper

Paper orientation: Load paper with holes facing the left side when viewed from the front of the machine

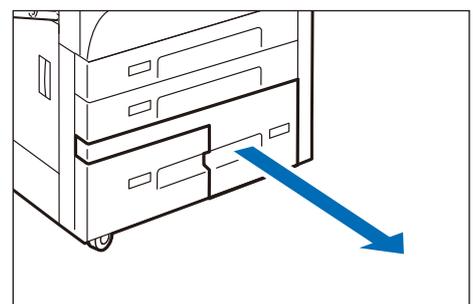
Paper Trays 3, 4

The paper feeding method is the same for Paper Trays 3 (left side) and 4 (right side). The bottom face of loaded paper is the surface printed on.

Loadable paper

Paper size		JIS B5  , A4  , 7.25 x 10.5" (184 x 267 mm)  , Letter 
Paper weight (g/m ²)	Single side printing	52 to 200
Maximum number of sheets (sheets) (C ² paper)	Tray 3	1,820
	Tray 4	2,290

- 1. Pull out the Paper Tray until it stops.**
- 2. When paper is already loaded in the tray, take out the paper.**



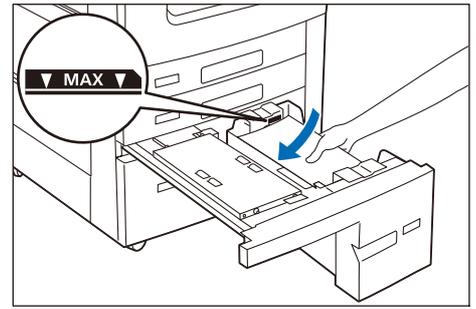
3. Fan a stack of paper, face the print surface down, and then load the paper with edges aligned according to the direction of the arrow.



Important

Do not load paper above the maximum fill line. It may cause paper jams or machine malfunction.

4. Push in the Paper Tray.



Setting special paper and other media

Hole punched paper

Paper orientation: Load paper with holes facing the left side when viewed from the front of the machine

Paper Tray 5 (Bypass)

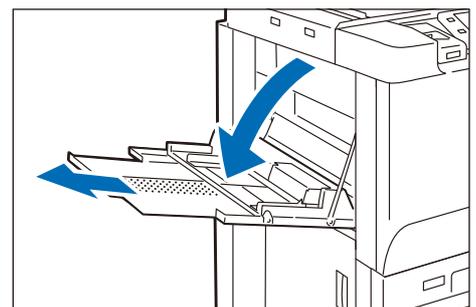
The Paper Tray 5 (Bypass) allows you to use a variety of paper sizes and types that cannot be used in Paper Trays 1 to 4.

The top face of loaded paper is the surface printed on.

Loadable paper

Paper size	Max	A3, 12 x 18" (305 x 457 mm)
	Min	A5, Postcard (100 x 148 mm)
Paper weight (g/m ²)	Single side printing	52 to 250
Maximum number of sheets (sheets)(C ² paper)		110

1. Open the Paper Tray.

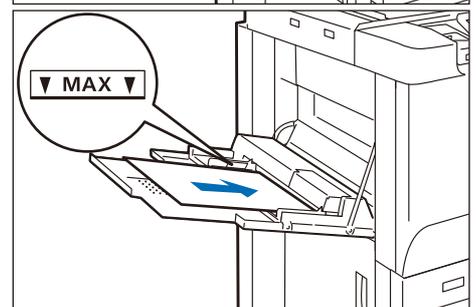


2. Fan a stack of paper, face the print surface up, and insert the paper gently along the Paper Guide until it stops.

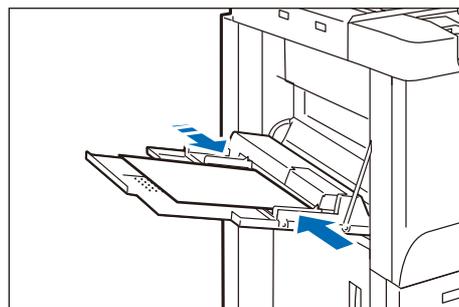


Important

Do not set documents above the maximum fill line. It may cause paper jams or machine malfunction.



3. Slide the Paper Guide to the correct paper size.



Setting special paper and other media

Hole punched paper

Paper orientation: Load paper with holes facing the right side when viewed from the front of the machine

Postcards

Paper orientation: SEF



Refer

"Notations in Manual" (p.3)

3.2 Loading Documents

Document Feeder

Loadable paper

Paper size	Max	A3, 11 x 17"
	Min	A6
	Custom size	84 x 140 mm to 297 x 432 mm
Paper weight (g/m ²)	Single side printing	38 to 200
	Double side printing	50 to 200
Maximum number of sheets (sheets) (C ² paper)		250

 **Note**

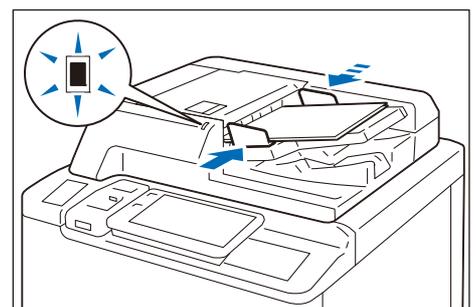
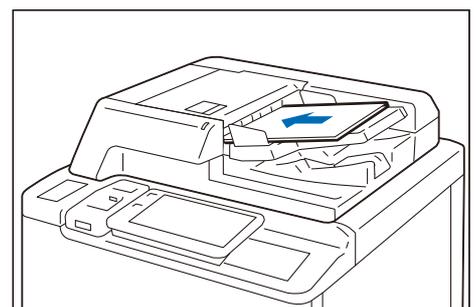
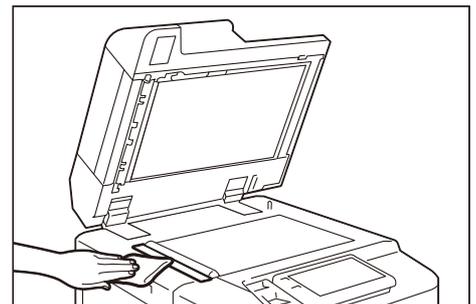
When the Fax Kit is equipped, the loadable paper size is up to 600 mm for the length.

1. Open the Document Cover.
2. Wipe off any dirt adhering to the glass strip and white plastic area located in the left side of the Document Glass.
3. Close the Document Cover.
4. Confirm that the document is free of tag paper, adhesive tape, staples, and clips, and stretch out the document if it is wrinkled or folded.
5. Align the upper left corner of the document so that the original size is correctly detected.
6. Load the document face up (when the document is 2-sided, place the front side up) in the center of Document Feeder.

 **Important**

Do not set documents above the maximum fill line. It may cause paper jams or machine malfunction.

7. When the confirmation indicator lights up, move the document guide to align with both edges of the document.

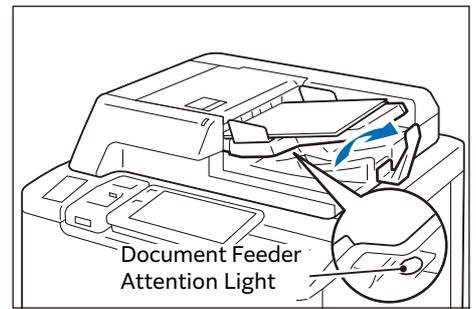


8. Open the Document Stopper.



Note

To prevent a document from being left behind, "Document Feeder Attention Light" is turned on after the Scan job is completed and turned off after approx. 3 sec.

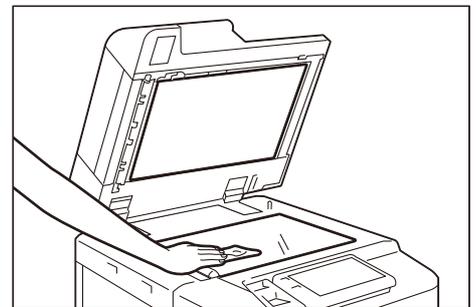


Document Glass

Loadable paper

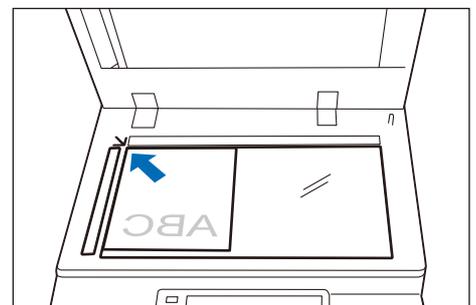
Paper size (mm)	Width	Up to 297
	Length	Up to 432

1. Open the Document Cover, and wipe off any dirt from the Document Glass.



2. Load the document face down with the document aligned with the upper left corner of the Document Glass.

3. Close the Document Cover.



3.3 Outputting Paper

Print Surface

The print surface refers to the surface printed on in single-sided printing (the first page in double-sided printing).

Paper is output to the Output Tray with the print surface faced downward in the case of front side output, and with the print surface faced upward in the case of back side output.

		Single-sided printing (front side output)	Double-sided printing/ upside down output (back side output)
Paper size (mm)	Width	100 to 304	140 to 304
	Length	148 to 457	182 to 457
Paper Weight (g/m ²)		52 to 250	52 to 200

Output Tray capacity

Simple Catch Tray	500 sheets
Offset Catch Tray	500 sheets

 **Note**

- The tray capacity varies depending on the following conditions.
 - Paper size, paper weight
 - Paper types (paper curl height, etc.)
 - Single-sided prints / double-sided prints
 - Image density

Offset

 **Note**

This function is available only for the Offset Catch Tray. Offset cannot be performed on the simple catch tray.

The paper is output with offset stacking for easy separation.

Use the printer driver to set the offset of outputs.

Paper size (mm)	Width	171 to 297
	Length	182 to 457
Paper weight (g/m ²)		52 to 250

4 Maintenance

4.1 Consumables

Consumables recommended by our company are manufactured under the standards suitable for this machine. Using consumables not recommended by our company may affect print quality or performance provided by the product. Use consumables that our company recommends for this machine.

Consumable types
Toner Cartridge
Waste Toner Container
Stamp Replacement Kit

Handling consumables

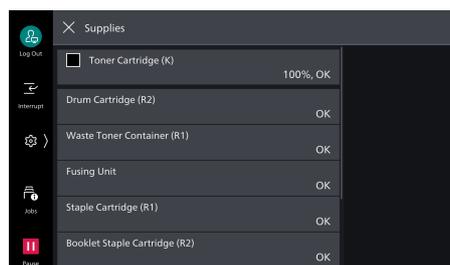
- Do not store boxes of consumables upright.
- Do not unpack consumables before use. Avoid storing consumables in the following locations:
 - In high temperature and humid locations
 - Near heat-generating devices
 - Areas exposed to direct sunlight
 - Dusty areas
- When using consumables, carefully read precautions for use instructed on their bodies or packages.
- We recommend keeping spare consumables in stock.
- To order consumables, have the product codes ready and contact your local representative.

Replacing consumables

To display the consumables progress, tap  > [Device Status] > [Supplies].

When the end of life for a consumable is reached, a message appears on the Touch Panel Display. Replace the consumable indicated in the message.

For the replacement method, refer to the steps provided on the box of the consumable.

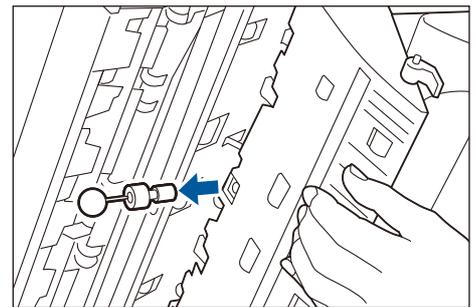
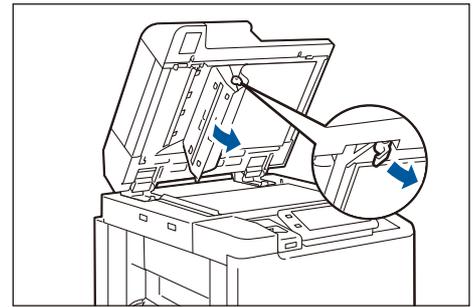


Note

- When replacing Toner Cartridges, conduct it while the machine is on.
- When replacing a Toner Cartridge or Waste Toner Container, toner may spill and soil the floor. We recommend laying a piece of paper or a sheet on the floor beforehand.
- Do not take out or shake the Waste Toner Container before it is filled up. Accurate detection can become no longer possible, and the toner may be spilled from the Waste Toner Container.
- When replacing the Waste Toner Container, toner may spill and soil the floor. We recommend laying a piece of paper or a sheet on the floor beforehand.
- A trouble with image quality results if the Drum Cartridge is placed under a direct sunlight or intense fluorescent light, or if the drum surface is touched and scratched.

Stamp Replacement Kit

1. Open the Document Cover and pinch the handle to open the Side 2 scanner.
2. Stick included pins into the Stamp kit to extract Stamp ink.
3. Insert new Stamp ink.
4. Close the Side 2 scanner, then close the Document Cover.



4.2 Cleaning Main Unit

- When wiping the main unit with a wet cloth, use a soft, moistened and tightly-squeezed cloth. The main unit may break down if the moisture remains on it.
- Do not use chemicals such as benzene or thinner. Doing so may damage the paint or coating on plastic parts.

Outside the Main Unit

Exterior

1. Wipe the exterior with a soft, moistened, and tightly-squeezed cloth.
When stains cannot be removed easily, wipe them lightly with the soft cloth slightly moistened with a thin neutral detergent solution.
2. Wipe the moisture off with a dry soft cloth.

Touch Panel Display

Wipe lightly with a dry soft cloth.

When wiping the main unit with a wet cloth, wipe it lightly with a soft, moistened and tightly-squeezed cloth.



Important

Wiping the panel strongly may damage the panel. Wipe lightly.

Scanner

Document cover, Document Glass, film, scanner glass

For the cleaning method, refer to the label on the main unit.

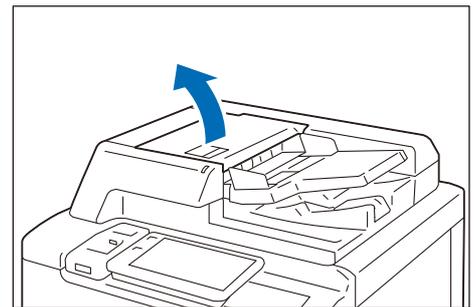
Wipe off any dirt with the supplied cloth about once a month.

When stains cannot be removed easily, wipe them lightly with the soft cloth slightly moistened with a thin neutral detergent solution.

Document Feeder rollers

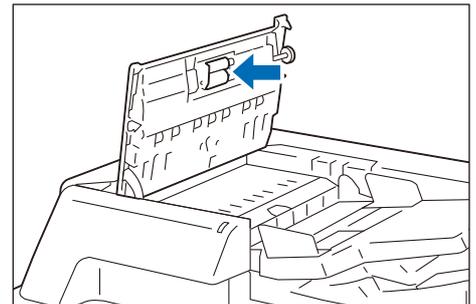
Clean the Document Feeder rollers about once a month.

1. Pull up the front handle of the Top Cover of the Document Feeder, and open the cover until it stops.



2. While turning the rollers, wipe them with a soft cloth slightly moistened with water.

3. Close the Top Cover of the Document Feeder and make sure that there is no gap on the front or rear of the cover.



4.3 Paper Jams

If paper is jammed, the machine stops and an alarm sounds. Follow the instructions displayed on the screen to remove the jammed paper.

Gently remove the paper being careful not to tear it. If paper is torn while it is being removed from the machine, remove all the torn pieces making sure that none remain inside the machine.

When you have finished clearing the paper jam, printing is resumed from the state before the paper jam occurred. If a paper jam occurred during copying, tap on [Start]. Copying is resumed from the state before the paper jam occurred.

Note

- If a paper jam occurred, check the paper jam position before pulling out a Paper Tray.
- Clear the paper jams while the machine is on.
- Do not touch components inside the machine. This may cause print defects.

1) Remove the jammed paper.

Note

When the lead edge of the jammed paper protrudes toward the Top Output Tray, pull the paper downward to remove it.

Inside Lower Left Cover

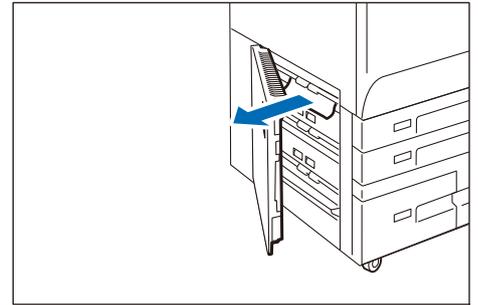
1. Open the Lower Left Cover.



Note

When High Capacity Feeder B1 is installed, hold the handle and fully move the unit to the left.

2. Remove the jammed paper.
3. Close the Lower Left Cover.



Exit

Depending on the optional units equipped in the right side of the machine, the method of paper removal differs.

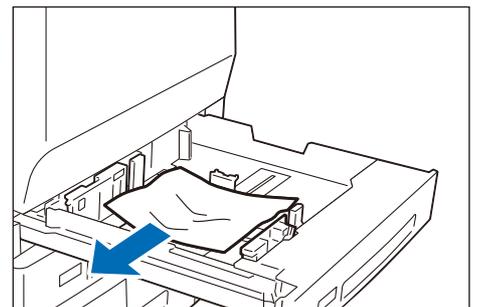
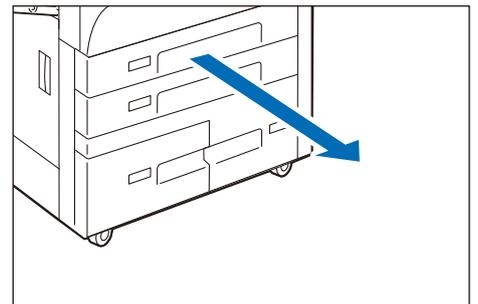


Refer

For optional units, refer to "Reference Guide - Optional Units".

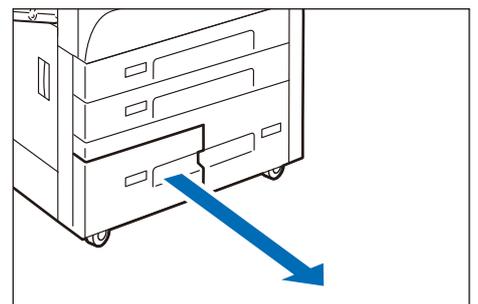
Paper Trays 1, 2

1. Pull out the Paper Tray where the paper jam occurred until it stops.
2. Remove the jammed paper.
3. Push in the Paper Tray.

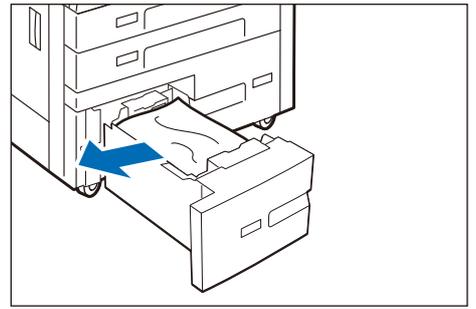


Paper Tray 3

1. Pull out the Paper Tray 3 until it stops.

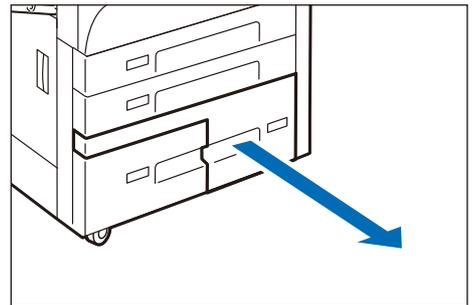


2. Remove the jammed paper.
3. Push in the Paper Tray.

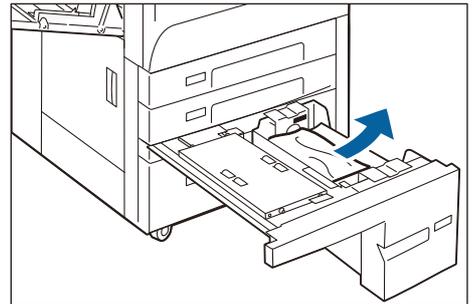


Paper Tray 4

1. Pull out the Paper Tray 4 until it stops.

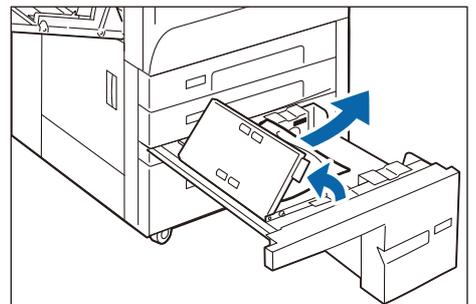


2. Remove the jammed paper.



3. If paper is jammed in the paper feed section, open the inner cover and remove the jammed paper.

4. Slowly push in the Tray until it contacts the back side.



Paper Tray 5 (Bypass)

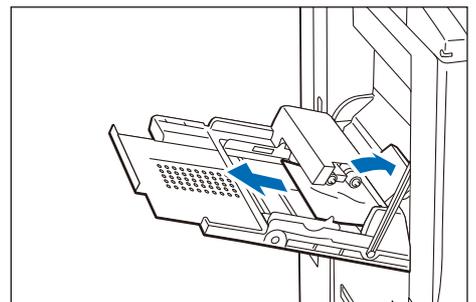
1. Remove the jammed paper.
2. Open the Upper Cover of Paper Tray 5 (Bypass) to remove all paper.



Note

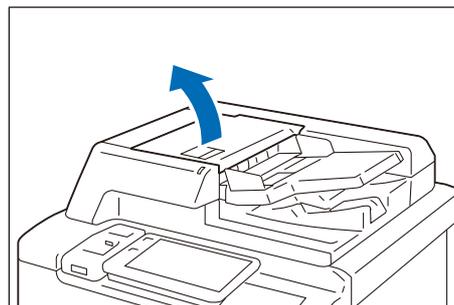
When paper tears, make sure that there are no pieces of paper left in the tray.

3. Close the Upper Cover.

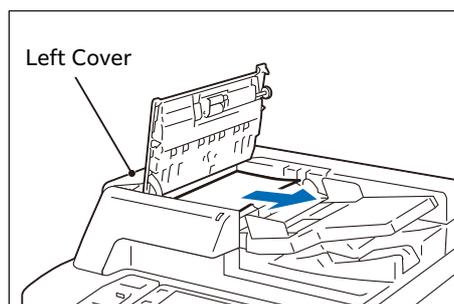


Duplex Automatic Document Feeder

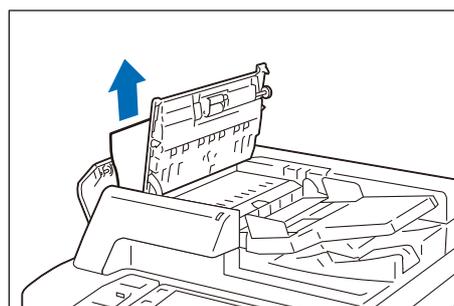
1. Remove all documents from the Document Tray.
2. Pull up the front handle of the Top Cover and open the cover until it stops.



3. Open the Left Cover until it stops.
4. Remove the document.



5. If the document is caught in the entry, remove the jammed paper from the Left Cover.

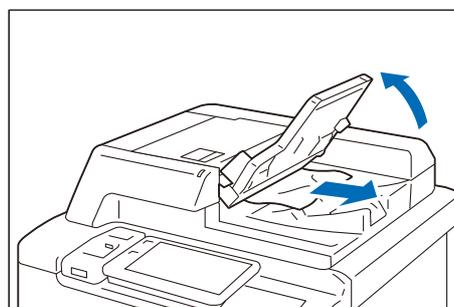


6. If the document is caught in the exit area, lift the Document Feeder Tray and pull the document toward the exit.

7. Put the Document Feeder Tray back into position.

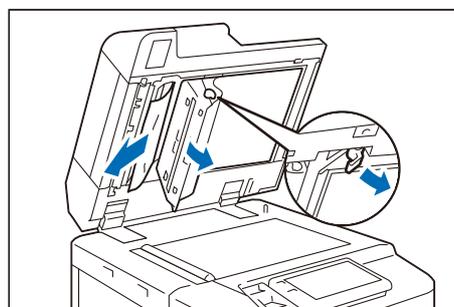
8. Close the Upper Cover.

9. Close the Left Cover.



10. Open the Document Cover, pull down the handle to open the Side 2 scanner, and then remove the document.

11. Close the Side 2 scanner, then close the Document Cover.



Transfer Unit

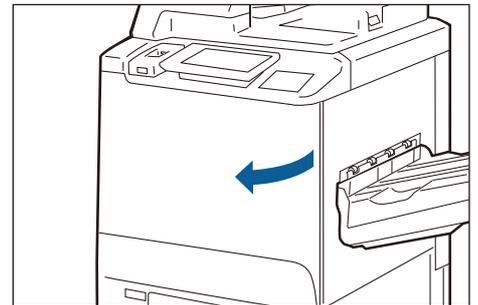
Note

- Before pulling out the Transfer Unit, check the screen display for any remaining paper in the left and right covers of the machine, Paper Tray 5 (Bypass), Exit, or optional High Capacity Feeder and Finisher. If the Transfer Unit is pulled out while paper is remaining in any of these locations, the paper may become torn.
- Do not touch locations that are not mentioned in the steps. The inside of the machine may become stained, and smears may appear on the printed output.

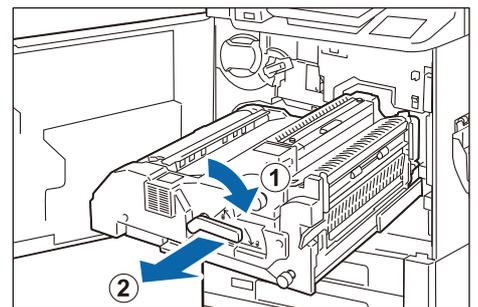
⚠ WARNING

The Fusing Unit is hot. It may cause burn injury. Do not touch this unit.

1. Open the Front Cover.



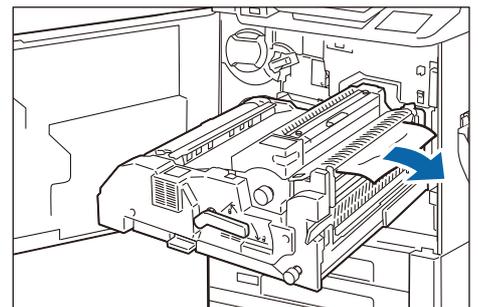
2. Turn the handle [2] of the Transfer Unit to the right until it becomes horizontal (1) and pull the Transfer Unit out to the front until it stops (2).



3. Slowly pull out the paper in the arrow direction and remove it.

Note

- When the paper is torn, confirm that no paper pieces remain.
- Do not push the paper in the direction opposite to the arrow and/or pull it to the front.



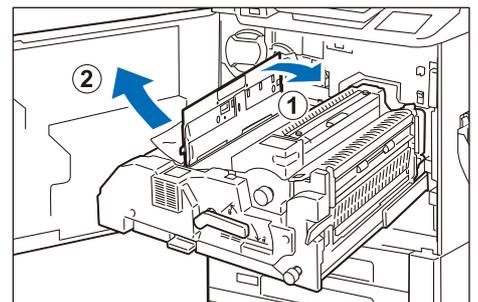
4. Perform the following operation according to the instructions displayed on the screen.

[2a]

1) Open the handle [2a] (1) and remove the jammed paper (2).

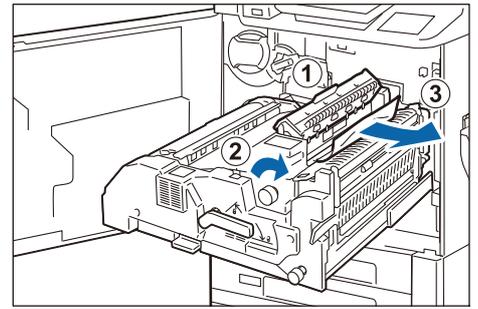
Note

If you cannot check the paper, you may be able to check it if looking into it from underneath.



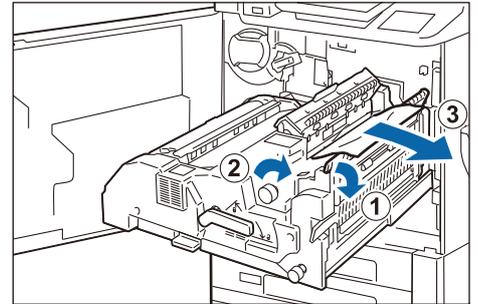
[2b], [2c]

- 1) Open the handle [2b] (①), turn the knob [2c] right (②), and remove the jammed paper (③).
- 2) Return the handle [2b].



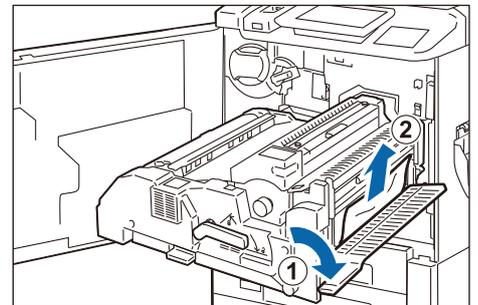
[2c], [2d]

- 1) Open the handle [2d] right (①), turn the knob [2c] right (②), and remove the jammed paper (③).
- 2) Return the handle [2d].



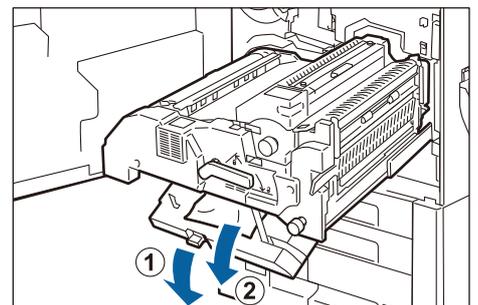
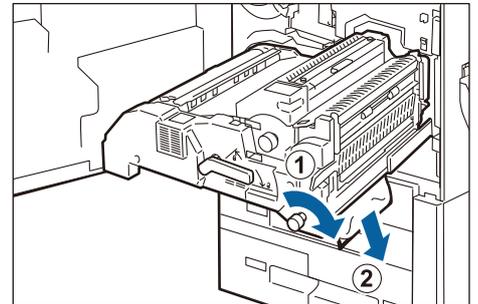
[2e]

- 1) Open the handle [2e] (①) and remove the jammed paper (②).
- 2) Return the handle [2e].



[2f], [2g]

- 1) Turn the knob [2f] right (①) and remove the jammed paper (②).
- 2) Open the handle [2g] (①) and remove the jammed paper (②).
- 3) Return the handle [2g].



5. Push the Transfer Unit to the rearmost position and turn the handle [2] to the left.
6. Close the Front Cover.

5 Appendix

5.1 Main Specifications

This section lists the main specifications of the machine. Note that the specifications and the appearance of the product may change without prior notice.



Note

- The specifications are not intended to guarantee the image quality performance and feeding performance of all papers. Use of our brand paper is recommended. To use other paper, contact your local representative.
- Wireless Network Kit (optional) is sold separately. It has obtained certification separately from the main unit.
- Certified model name of Wireless Network Kit (optional): Titan2020
- Certified model name of FAX (optional): FX2A-FAX



Refer

For specifications of optional units, refer to the chapter of the concerned unit in “Reference Guide - Optional Units”.

Basic Specifications/Copy Function

Item	Specification	
Type	Console type	
Memory capacity	4 GB (Max. 4 GB)	
Storage device capacity	128 GB Note You cannot use all the storage capacity.	
Scanning resolution	600 x 600 dpi	
Printing resolution	2,400 dpi or equivalent x 600 dpi	
Halftone	256 halftones	
Warm-up time	Embedded Plug-ins / Custom Services When enabled: 36 seconds or less (23 degrees Celsius room temperature), When disabled: 30 seconds or less (23 degrees Celsius room temperature) Note It is enabled upon shipment from the factory.	
Recovery time (Recovery time from Sleep Mode)	30 seconds or less (23 degrees Celsius room temperature)	
First copy output time (A4□)	7580 / 6580	3.0 seconds
	5580	3.1 seconds

Item	Specification					
Reduction/enlargement	Size-for-size:1: 1 ± 0.7% Preset: 50%, 70%, 81%, 86%, 115%, 122%, 141%, 200% Variable: 25 - 400% (1% increments)					
Continuous copy speed (sheets/minute) (continuous 1-sided copy/same magnification, monochrome)	Paper size	JIS B5	A4	A4/JIS B5	JIS B4	A3
	7580	79	75	55	44	37
	6580	68	65	47	39	33
	5580	58	55	40	33	28
	 Note <ul style="list-style-type: none"> • This speed may be reduced due to image quality adjustment. • The productivity may be reduced depending on the document type and on Paper Tray. 					
Paper Tray Capacity	Max: 10,550 sheets (4-Tray + High Capacity Feeder C1-D2 + Multi Sheet Inserter)					
	 Note This value applies if C ² paper is used.					
Continuous copy	9,999 sheets					
	 Note For the image quality stabilization processing, the machine operation may be suspended temporarily.					
Power supply	AC 100 V ± 10%, 15A, 50/60 Hz common					
Maximum power consumption	1.5 kW Sleep Mode: 0.5 W, Low Power Mode: 99 W, Ready Mode: 165 W					
	 Note The Low Power Mode is not set at the time of shipment from the factory.					
Energy consumption efficiency	7580: 219 kWh/year, Category: Multifunction printer d 6580: 198 kWh/year, Category: Multifunction printer d 5580: 174 kWh/year, Category: Multifunction printer d					
Dimensions (mm)	Width 620 x Depth 804 x Height 1,155 (Protruding part is not included.)					
	 Note The size is the one when the Bypass Tray is closed and the delivery option is not connected.					
Weight (kg)	188					
	 Note Weight not including the Toner Cartridges and Top Output Trays.					
Space requirement (mm)	Width 1,487 x Depth 804					
	 Note Space requirement (of the minimum configuration) when the Catch Tray is installed to the main unit and the Bypass Tray is fully extended.					

Print Function

Item	Specification		
Type	Built-in		
Print Size	Max	A3, 11 x 17" [12 x 18" (305 x 457 mm) with Bypass Tray]	
	Min	A5, Postcard (by Japan Post)	
Continuous print speed	Same as the Basic Specifications/Copy Function		
Printing resolution (dpi)	Standard: ART EX driver	Standard	600 x 600
		High Resolution	1,200 x 1,200
	Optional: Adobe® PostScript® 3™ driver	Standard	600 x 600
		High Resolution	1,200 x 1,200
PDL	Standard: ART EX Optional: Adobe PostScript 3		
Network protocol	Ethernet (standard): TCP/IP (lpd, IPP, Port9100, WSD, ThinPrint)		
Supported operating system	For information about the latest supported OS, refer to the Download page of our official website for your model.		
Built-in fonts	Standard	Outline fonts: 2 Japanese fonts (Heisei Mincho W3, Heisei Kaku Gothic W5), 19 Western fonts	
	Optional	<ul style="list-style-type: none"> • Adobe® PostScript® 3™kit Heisei 3 font version : 3 Japanese fonts (Heisei Mincho W3, Heisei Kaku Gothic W5, Heisei Maru Gothic W4), 136 Western fonts Morisawa 2 font version : 2 Japanese fonts (Ryumin L-KL, Gothic BBB Medium), 136 Western fonts • Emulation kit Stroke fonts (Japanese fonts, Western fonts : For HP-GL), 82 Western fonts, 37 symbol sets 	
Emulation	Standard	PDF, XPS, DocuWorks, TIFF, JPEG, ART IV, ESC/P (VP-1000)  Note "XPS" stands for "XML Paper Specification".	
	Optional	Emulation kit, or Adobe PostScript 3 kit PC-PR201H, HP-GL (HP7586B), HP-GL2/RTL (HP Designjet 750C Plus), PCL5/PCL6	
Interface	Standard	Ethernet 1000BASE-T/100BASE-TX/10BASE-T, USB 3.0	
	Optional	Wireless LAN (IEEE 802.11 a/b/g/n/ac)	

Scan Function

Item	Specification
Type	Color Scanner

Item	Specification	
Scan resolution (dpi)	600 x 600, 400 x 400, 300 x 300, 200 x 200	
Scan Speed	Same as the "Scan Speed" of the Duplex Automatic Document Feeder	
Interface	Standard	Ethernet 1000BASE-T/100BASE-TX/10BASE-T
	Optional	Wireless LAN (IEEE 802.11 a/b/g/n/ac)
Box storage	Supported protocol	TCP/IP (WebDAV, HTTP)
	Output format	Monochrome binary: TIFF, DocuWorks ^{*1} , PDF ^{*1} Grayscale: TIFF, JPEG ^{*2} , DocuWorks ^{*1} , high compression DocuWorks ^{*1} , PDF ^{*1} Full color: TIFF, JPEG, DocuWorks ^{*1} , high compression DocuWorks ^{*1} , PDF ^{*1} , high compression PDF ^{*1} ^{*1} : When Internet Services is used ^{*2} : When Network Scanner Utility 3 is used
	Driver	Compatible with TWAIN interface
	Supported operating system	For information about the latest supported OS, refer to the Download page of our official website for your model.
PC storage	Supported protocol	TCP/IP (SMB, FTP)
	Output format	Monochrome binary: TIFF, DocuWorks, PDF Grayscale / Full color: TIFF, JPEG, DocuWorks, high compression DocuWorks, PDF, high compression PDF, Microsoft Word*, Microsoft Excel* *: Optional
	Supported operating system	For information about the latest supported OS, refer to the Download page of our official website for your model.
Email	Supported protocol	TCP/IP (SMTP, SFTP)
	Output format	Same as the PC storage

Fax Function (optional)

Item	Specification
Original Size	Max: A3, 11 x 17", long document (max: 600 mm)
Recording paper size	Max: A3, 11 x 17", Min: A5

Item		Specification
Transmission time		2 seconds or more but below 3 seconds  Note When transmitting an A4 size 700-character document in the standard quality (8 x 3.85 lines/mm) and high speed mode (28.8 kbps or above: JBIG). This is only the transmission speed for image information and does not include the controlling time for the communication. Note that the actual transmission time depends on the content of documents, the machine that the recipient uses, and the status of the communication line.
Transmission mode		ITU-T G3
Scanning resolution	Standard	8 x 3.85 lines/mm, 200 x 100 dpi
	Fine	8 x 7.7 lines/mm, 200 x 200 dpi
	Superfine (400 dpi)	16 x 15.4 lines/mm, 400 x 400 dpi
	Superfine (600 dpi)	600 x 600 dpi
Coding method		MH, MR, MMR, JBIG
Transmission speed		G3: 33.6/31.2/28.8/26.4/24.0/21.6/19.2/16.8/14.4/12.0/9.6/7.2/4.8/2.4 kbps
Applicable lines		G3: Telephone subscriber line, PBX, fax communication network (PSTN), 3 ports maximum (G3: 3 ports)  Note A maximum of 3 lines can be connected. The number of ports indicates the number of channels that can be used for communication.

Direct fax

Item	Specification
Document size	A3, JIS B4 , A4
Transmission resolution	Same as the scanning resolution of the Fax Function
Transmission speed	Same as the Fax Function
Applicable lines	Same as the Fax Function
Supported operating system	For information about the latest supported OS, refer to the Download page of our official website for your model.

Internet fax

Item	Specification
Document size	A3, JIS B4 , A4
Scanning resolution	Same as the Fax Function
Output format	Format: TIFF-FX, Compression method: MH, MMR, JBIG
Profile	TIFF-S, TIFF-F, TIFF-J
Supported protocol	Transmission: SMTP, Reception: SMTP, POP3

Item	Specification
Interface	Ethernet 1000BASE-T/100BASE-TX/10BASE-T

IP fax (SIP)

Item	Specification
Document size	Same as the Fax Function
Scanning resolution	Same as the Fax Function
Supported protocol	SIP, JT-T.38
Coding method	Same as the Fax Function
Interface	Ethernet 1000BASE-T/100BASE-TX/10BASE-T

Duplex Automatic Document Feeder

Item	Specification
Type	1 pass, 2 sided scanning Duplex Automatic Document Feeder
Scan Speed (when copying)	Same as the continuous copy speed
Scan Speed (when scanning)	Monochrome: 135 sheets/minute, Color: 135 sheets/minute (Single-pass duplex scanning: Monochrome 270 sheets/minute, Color 270 sheets/minute)
	 Note The values above apply when our standard document (A4) is saved in the folder at 200 dpi.

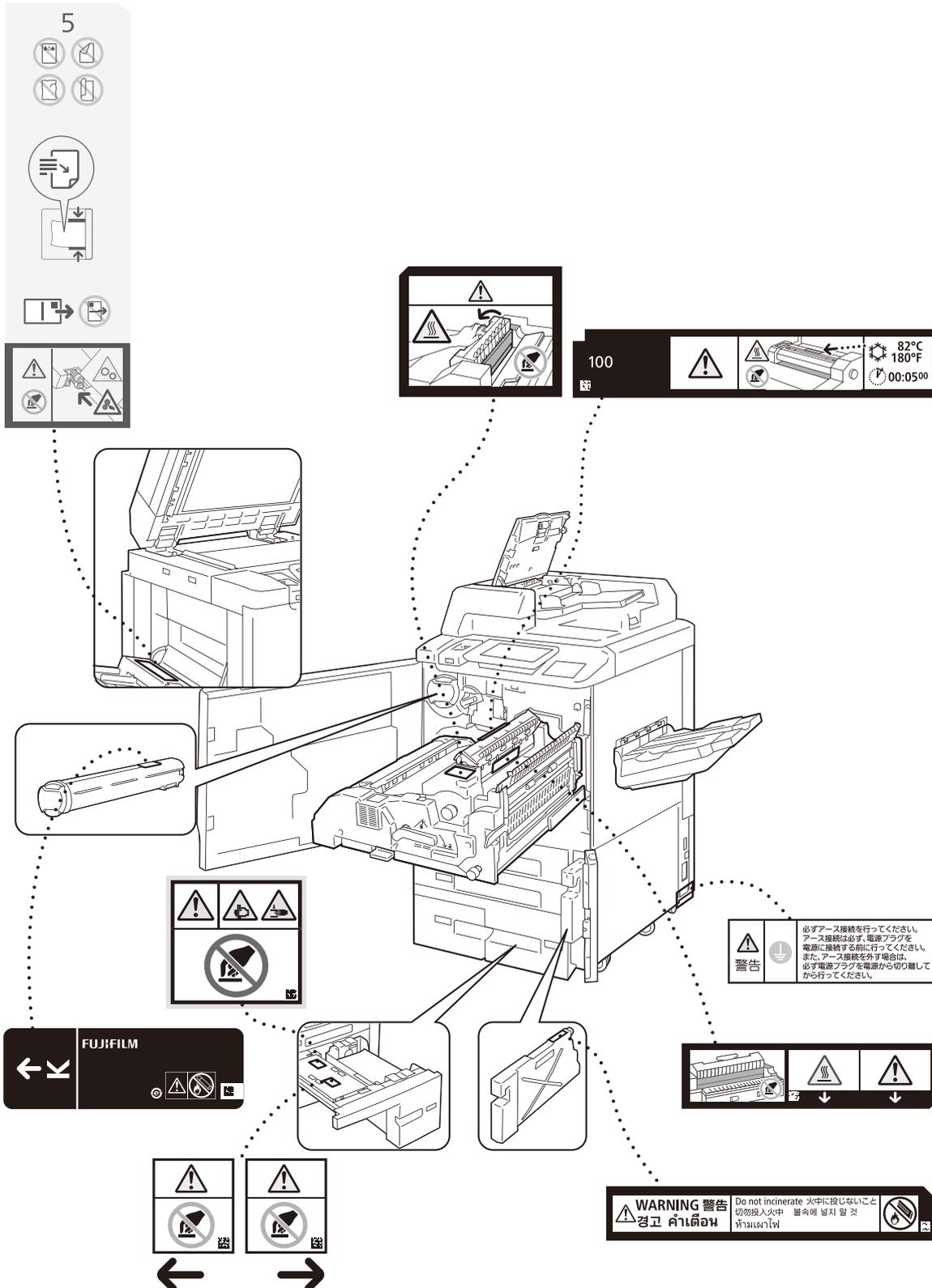
Offset Catch Tray/Simple Catch Tray

Item	Specification
Paper size	Max: A3, 12 x 18" (305 x 457 mm) Min: Postcard (by Japan Post)
Paper weight (g/m ²)	52 to 250
Paper Capacity (sheets)	500
	 Note When our C ² paper is used.

5.2 Safety Notes

60 Refer
Also refer to "User's Manual".

Location of Warning and Caution Labels



Symbol Marks

Some of the following symbols may not be used depending on the model.

	DANGER, WARNING, and CAUTION		Do not use creased paper		Elapsed time
	Electric shock		Do not use back carbon paper		Cleaning of scanner
	Hot surface		Do not use torn paper		Dirt on the output paper
  	Pinched fingers		Do not use folded, creased, or torn document		Mixed size document
			Do not use paper with staples or clips		Face print surface Down
			Do not use folded, creased, or curled paper		Face print surface up
		 	Rotating Parts Hazard		Do not use curled paper
 	Do not touch			Do not use envelope	
	Do not throw a toner cartridge into an open flame		Do not use postcards		LAN terminal
		Do not throw waste toner container into an open flame		Do not use windowed envelope	
	Do not throw waste toner container into an open flame		Do not use transparency films for full color		
	Do not copy money		Paper jam		
	Do not use thin document		Power/power saving button		
	Do not use cut and pasted Document		Instructions		
	Do not use folded paper		Cooling		

5.3 LICENSE AGREEMENT

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- (1) Ownerships of any Trademarks used by Customer shall remain with the owners of Trademarks.
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- (3) Customer shall use Trademarks in accordance with the generally accepted trademark practice, including identification of the trademark owner's name.

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