

Reference Guide



Main Unit

Revoria Press SC180

Revoria Press SC170

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.
- The screen shots and the illustrations in this manual are used as examples. They may differ from yours depending on the model, the software, or the OS.

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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.

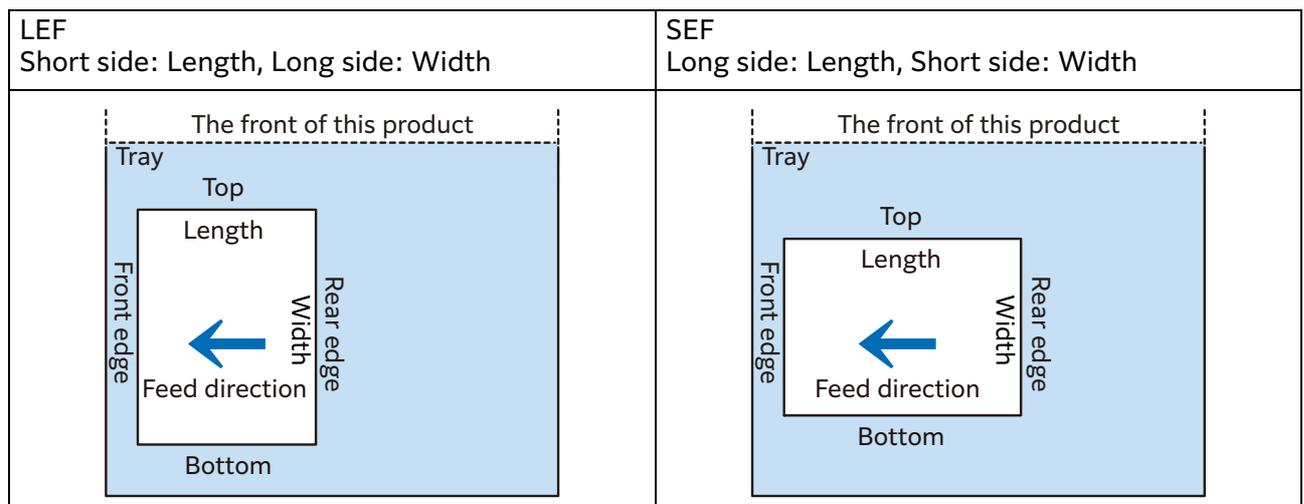
< > Keys of the keyboard, buttons and lamps of the optional units.

[] 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.

- “Long” paper is paper of which length is 488 mm or more.
- There are two paper loading directions: LEF and SEF.
- The width, length, front edge, rear edge, top, and bottom of paper indicate the following positions. (For the High Capacity Feeder and Paper Tray 5 (Bypass), the feeding direction is opposite.)

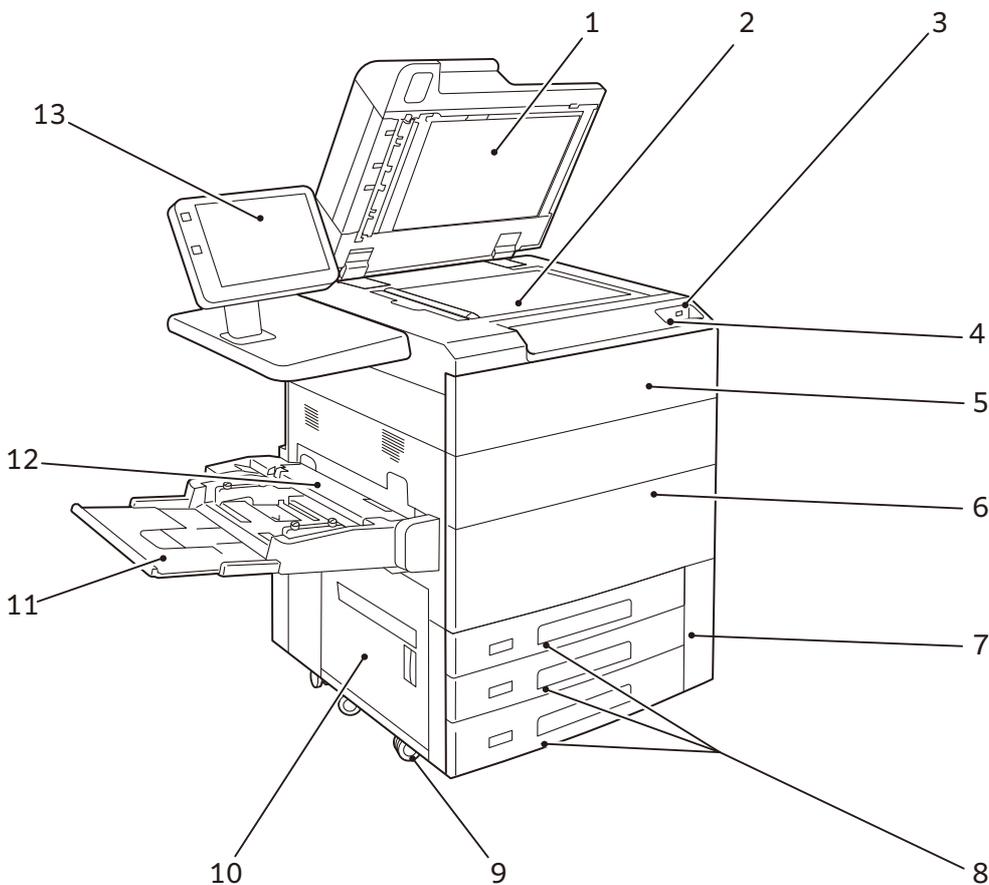


- Some functions mentioned in this manual may not be used according to the model and installed optional units.
- “WSD” stands for “Web Services on Devices”.
- “XPS” stands for “XML Paper Specification”.

2 Before Using the Machine

2.1 Device Components

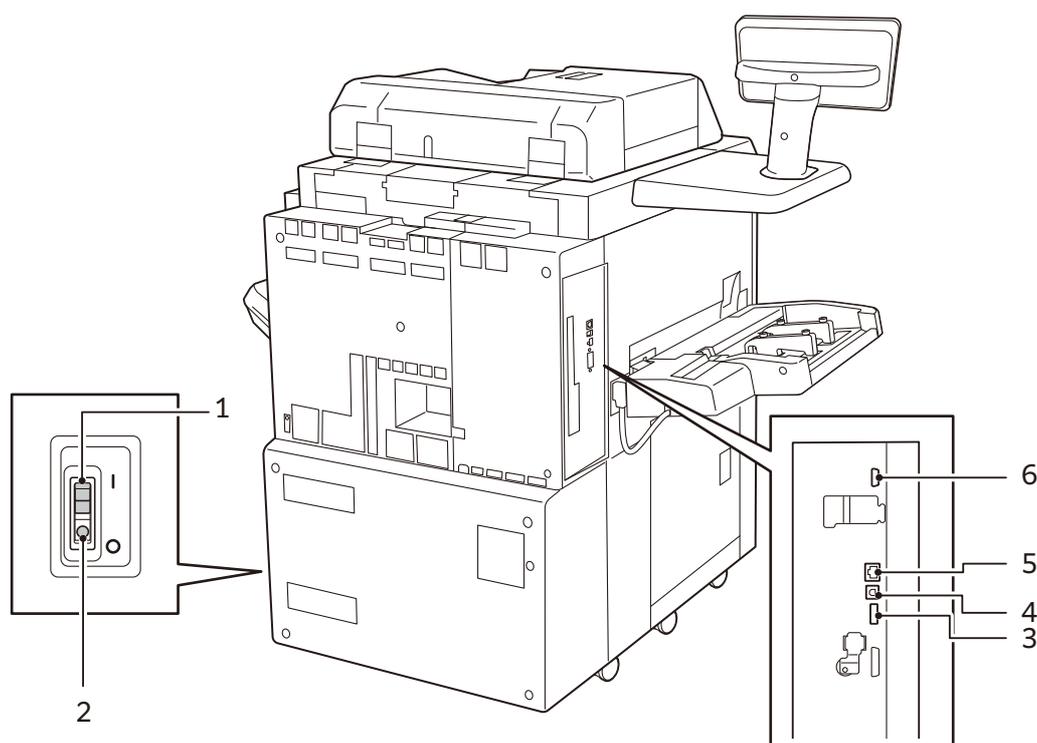
Front



No.	Component	Function
1	Document Cover	Holds a document in place.
2	Document Glass	Load a document here.
3	USB memory slot	A USB memory stick can be connected to copy and move data. 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.

No.	Component	Function
4	Paper Clip Tray	Used for placing paper clips and staples.
5	Toner Cover	Open this cover to replace toner.
6	Front Cover	Open this cover to clear paper jams or replace the consumables.
7	Waste Toner Container Cover	Open this cover to replace the Waste Toner Container.
8	Paper Trays 1, 2, 3	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
12	Paper Tray 5 (Bypass) Top Cover	Open this cover to clear paper jams.
13	Control panel	Consists of operation buttons, LED indicators, and a touch screen.

Left Side and Rear



No.	Component	Function
1	Earth leakage breaker	Automatically turns the machine off when a current leakage is detected.
2	Test Button	This button is used to check if the earth leakage breaker operates correctly.  Refer Refer to the "User's Manual" for details on how to check the breaker operation.
3	USB 2.0 interface connector	Connects to a memory card reader, an optional component or a peripheral with a USB cable.

No.	Component	Function
4	USB 3.0 interface connector	Connects to a USB cable for printing.
5	Network Port (optional)	Connects to a network cable.
6	EP interface	Used for connecting related products such as Attention Light II and Attention Light.

LAN connection

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

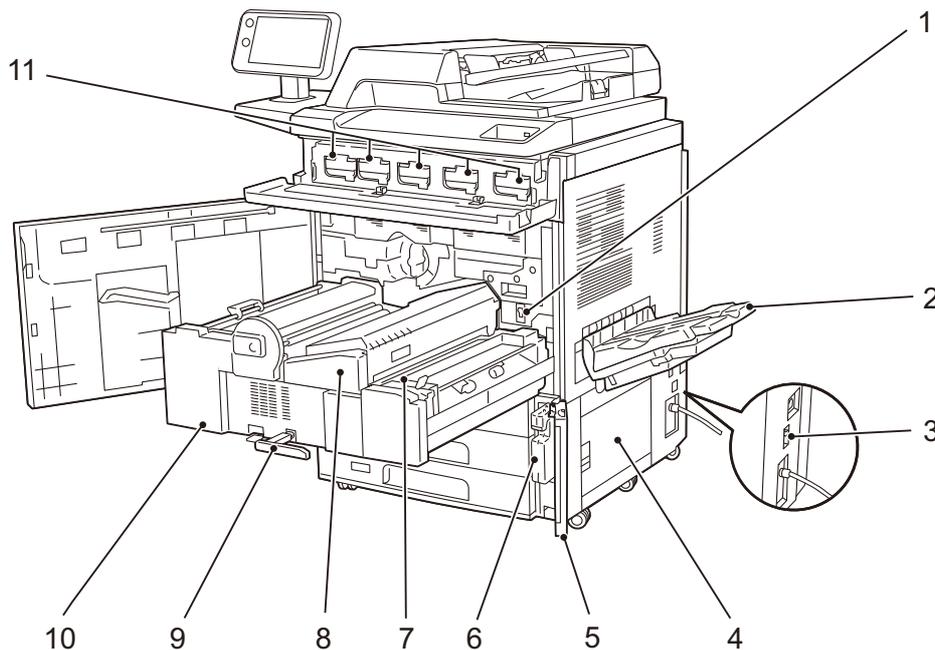


When a connection failure occurs, it may be improved by setting [Disabled] in > [Settings] > [Network Settings] > [Protocol Settings] > [Ethernet Settings] > [Energy Efficient Ethernet] in the System Administrator mode.

USB connection

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

Inside



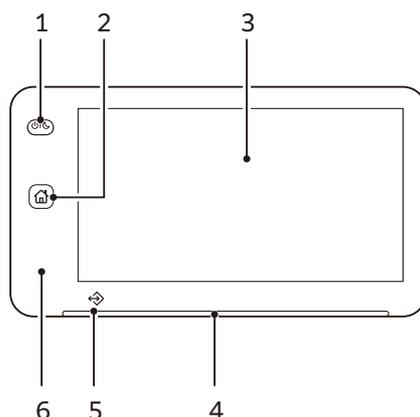
No.	Component	Function
1	Main power switch	Switches the main power of the machine on and off. Always follow the instructions by the system administrator. Note Always switch the power off before switching the main power off.
2	Offset Catch Tray (optional)	Outputs are delivered here.
3	Ground fault interrupter	Automatically turns the machine off when a current leakage is detected.

No.	Component	Function
4	Bottom right door	Open this door to clear paper jams.
5	Waste toner container door	Open this door to replace the waste toner container.
6	Waste Toner Container	Collects waste toner.
7	Decurler (handle [2b])	Flattens curled paper. Open this decurler when clearing paper jams.
8	Fusing Unit	Fuses toner on paper.
9	Handle	Used to pull out the Transfer Unit.
10	Transfer Unit	Transfers toner images on the drum to paper.
11	Toner Cartridge	Contains the toner (image forming powder).

Control Panel

Refer

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



No.	Component	Function
1	Power Button	<p>The power switches on.</p> <p>Note</p> <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.
2	Home Button	<p>Pressing this button displays the Home screen.</p> <p>Note</p> <p>When the Home button is pressed, the settings of all applications in operation are reset.</p>
3	Touch Panel Display	Displays messages required for operation, and buttons for various features.
4	Status Display Indicator	The indicator lights up in green at an instant of operation reception. When an error occurs, the lamp blinks in orange.

No.	Component	Function
5	Data Indicator	This indicator blinks while data is being sent from the machine or data is being received from the client computer. Also, it lights up when documents are stored in the machine.
6	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.

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 lead edge, 2.0 mm at the trail edge, 2.0 mm at the top edge, and 2.0 mm at the bottom edge.

Assured Image Area (mm)

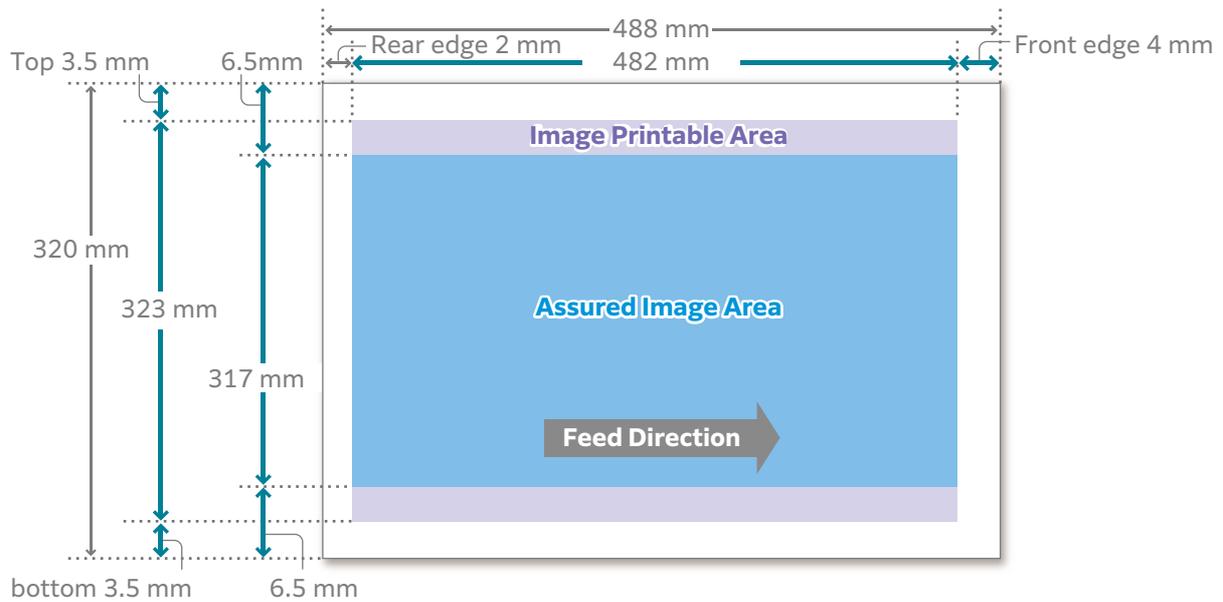
The following are the areas for which the image quality is guaranteed.

A3 or smaller		Area excluding an image loss area along all four edges of the paper.
Larger than A3	Copying	Max: 293 x 426
	Printing	Max: 317 x 482

Image Printable Area (mm)

Max	323 x 482
Long paper	Max: 323 x 1,194

Except for the long paper tray



2.3 Paper

Recommended Paper

Standard paper

Paper name	Paper type setting for paper tray	Paper weight (g/m ²)
J paper	Uncoated	82
Colotech Plus	Uncoated	90
OS Coat W	Coated	127
Colotech Plus Gloss Coat	Coated	120

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

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 with windows

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

Usable paper types

Paper Type	Basis Weight Selection Group (Unit: gsm)					
	52-63	64-80	81-90	91-105	106-135	136-157
Uncoated	A	O	O	O	O	O
Uncoated Reload	A	O	O	O	O	O
Coated ^{*1}	X	O ^{*3}	O	O	O	O
Coated Reload ^{*1}	X	O ^{*3}	O	O	O	O
Punched	A	A	A	A	O	O
Recycled	X	O	O	O	X	X
Transparency ^{*2}	-					
Labels ^{*4}	X	X	X	X	O	O
Precut Tab (Embossed) ^{*7}	X ^{*7}	X ^{*7}	X ^{*7}	O ^{*2}	O ^{*2}	O ^{*2}
Postcard ^{*4}	X	X	X	X	C	C
Adhesive	-E					
Cast Coated ^{*1}	X	O ^{*5}	O	O	O	O
Mat Coated ^{*1}	X	O ^{*3}	O	O	O	O
Embossed ^{*1}	X	X	X	X	O	O
Tab Stock (Embossed) ^{*1}	X	X	X	X	O ^{*2}	O ^{*2}
Film ^{*4}	X	O ^{*3}	O	O	O	O
Transfer Paper ^{*4}	X	X	X	X	O ^{*6}	O ^{*6}

O: Guaranteed paper handling capability

X: Paper handling capability is not guaranteed

-: Cannot input paper basis weight

A: Paper handling capability is guaranteed only for the Bypass Tray (5), High Capacity Feeder C3-DS/2nd High Capacity Feeder C1-DS/Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9), High Capacity Feeder B1-S (Tray 6), and Lining board/Cover Tray (T1).

B: Paper handling capability is guaranteed only for the High Capacity Feeder C3-DS/2nd High Capacity Feeder C1-DS/Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9), and Lining board/Cover Tray (T1).

C: Paper handling capability is guaranteed only for the Bypass Tray (5), High Capacity Feeder C3-DS/2nd High Capacity Feeder C1-DS/Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9), and High Capacity Feeder B1-S (Tray 6).

D: Paper handling capability is guaranteed only for the Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9).

E: Paper handling capability is guaranteed only for the Bypass Tray (5) and High Capacity Feeder C3-DS/2nd High Capacity Feeder C1-DS/Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9).

*1 Except for the High Capacity Feeder, Chained Air Suction Feeder C1-DS, and Air Suction Feeder C1-DS, only one sheet should be loaded. Image quality and paper handling capability are not guaranteed when multiple sheets are loaded.

*2 Excluding the High Capacity Feeder B1

*3 Only 72 g/m² and up

*4 Excluding the Lining board/Cover Tray

*5 72 g/m² and up except for the Bypass Tray (5)

*6 Bypass Tray (5) 129 g/m² and up only

*7 Paper handling capability is guaranteed for the Lining board/Cover Tray.

Paper Type	Basis Weight Selection Group (Unit: gsm)					
	158-176	177-220	221-256	257-300	301-350	351-400
Uncoated	O	O	O ^{*2}	A	B	D
Uncoated Reload	O	O	O ^{*2}	A	B	D
Coated ^{*1}	O	O	O ^{*2}	A	B	D
Coated Reload ^{*1}	O	O	O ^{*2}	A	B	D
Punched	O	O	O ^{*2}	A	B	D
Recycled	X	X	X	X	X	X
Transparency ^{*2}	-					
Labels ^{*4}	O	O	O ^{*2}	C	B	D
Precut Tab (Embossed) ^{*7}	O ^{*2}	O ^{*2}	A	B	D	D
Postcard ^{*4}	C	C	C	C	B	D
Adhesive	-E					
Cast Coated ^{*1}	O	O	C	A	B	D
Mat Coated ^{*1}	O	O	C	A	B	D
Embossed ^{*1}	O	O	C	A	B	D
Tab Stock (Embossed) ^{*1}	O ^{*2}	O ^{*2}	O ^{*2}	A	B	D
Film ^{*4}	O	O	C	A	B	D
Transfer Paper ^{*4}	O ^{*6}	X	X	X	X	X

O: Guaranteed paper handling capability

X: Paper handling capability is not guaranteed

-: Cannot input paper basis weight

A: Paper handling capability is guaranteed only for the Bypass Tray (5), High Capacity Feeder C3-DS/2nd High Capacity Feeder C1-DS/Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9), High Capacity Feeder B1-S (Tray 6), and Lining board/Cover Tray (T1).

B: Paper handling capability is guaranteed only for the High Capacity Feeder C3-DS/2nd High Capacity Feeder C1-DS/Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9), and Lining board/Cover Tray (T1).

C: Paper handling capability is guaranteed only for the Bypass Tray (5), High Capacity Feeder C3-DS/2nd High Capacity Feeder C1-DS/Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9), and High Capacity Feeder B1-S (Tray 6).

D: Paper handling capability is guaranteed only for the Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9).

E: Paper handling capability is guaranteed only for the Bypass Tray (5) and High Capacity Feeder C3-DS/2nd High Capacity Feeder C1-DS/Chained Air Suction Feeder C1-DS/Air Suction Feeder C1-DS (Trays 6 to 9).

*1 Except for the High Capacity Feeder, Chained Air Suction Feeder C1-DS, and Air Suction Feeder C1-DS, only one sheet should be loaded. Image quality and paper handling capability are not guaranteed when multiple sheets are loaded.

*2 Excluding the High Capacity Feeder B1

*3 Only 72 g/m² and up

*4 Excluding the Lining board/Cover Tray

*5 72 g/m² and up except for the Bypass Tray (5)

*6 Bypass Tray (5) 129 g/m² and up only

*7 Paper handling capability is guaranteed for the Lining board/Cover Tray.



Important

Printing with paper that is different from the paper size or paper type selected in the printer driver or Print Server, or printing with paper loaded in an unsuitable paper tray, may cause paper jams. Select the correct paper size, paper type, and paper tray for proper printing.



Note

- Metric basis weight is the mass of one sheet of paper of 1 m².
- Ream weight is the mass of 1,000 sheets of paper, such as paper in a duodecimo (788 x 1,091 mm) format.
- When printing on postcards, use Japanese postcards. To load postcards into the optional high capacity feeder, the postcard loading guide is required.

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.
- Coated paper stored in a high-temperature, high-humidity environment may cause misfeeding or double-feeding.
- 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 double-feeding (multiple sheets of paper are being fed simultaneously) of transparency films, films and coated paper.

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".

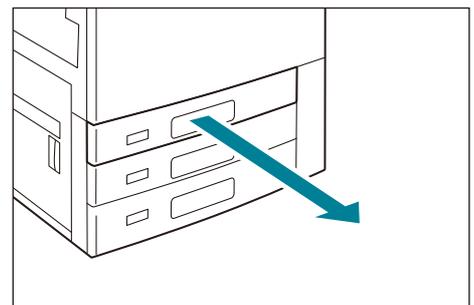
Paper Trays 1 to 3

The paper feeding method is the same for Paper Trays 1 (top tray) through 3 (third tray).
The bottom face of loaded paper is the surface printed on.

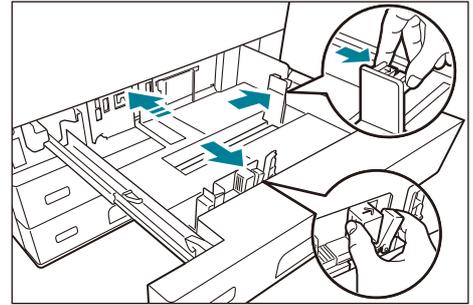
Loadable

Paper size (mm)	Standard size	Max A3, 11 x 17", Min A5
	Custom size	140 x 182 mm to 330 x 488 mm
Paper weight (g/m ²)	Single side printing	64 to 256
Maximum number of sheets (sheets) (90 g/m ² paper)		550 x 3 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.



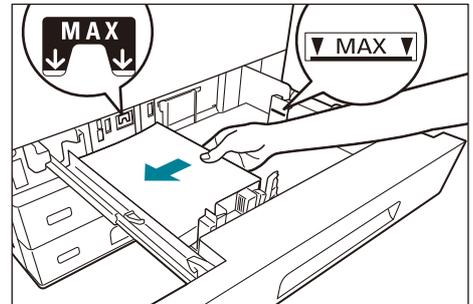
4. Fan a stack of paper, face the print surface down, and then load the paper with edges aligned according to the direction of the arrow.

 **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

Postcards

Paper orientation: SEF

Envelopes

Paper orientation when the flaps are open: Flaps come at the right when viewed from the front of the machine

Paper orientation when the flaps are closed: Flaps come at the left when viewed from the front of the machine

 **Note**

Load envelopes with glue or seal as the flap is closed.

Paper Tray 5 (Bypass)

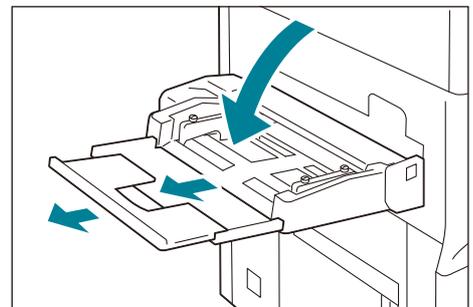
The Paper Tray 5 (Bypass) allows you to use a variety of paper sizes and types that cannot be used in Paper Trays 1 to 3.

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

Loadable paper

Paper size (mm)	Standard size	Max A3, 11 x 17", Min A6
	Custom size	98 x 148 mm to 330 x 1,200 mm
Paper weight (g/m ²)	Single side printing	52 to 300
		 Note When long paper is used, it is 52 to 220 g/m ²
Maximum number of sheets (sheets)(80 g/m ² paper)		250

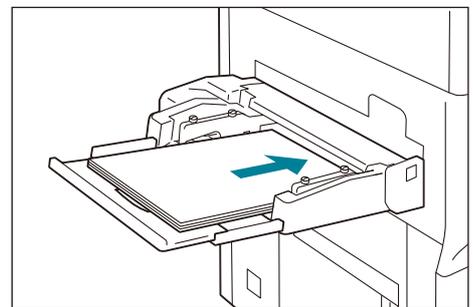
1. Open the Paper Tray.



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

 **Important**

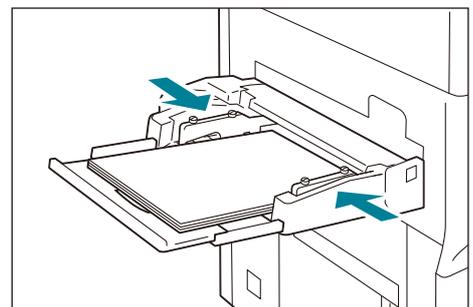
Do not set documents above the maximum fill line. It may cause paper jams or machine malfunction.



3. Pinch the lock to slide the Paper Guide to the correct paper size.

 **Important**

After adjusting it to the paper size, turn the four metal fittings of the Paper Guide to fix the Paper Guide in place.



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

Envelopes

Paper orientation when the flaps are open: Flaps come at the left when viewed from the front of the machine

Paper orientation when the flaps are closed: Flaps come at the front or right when viewed from the front of the machine.

Note

- Load envelopes with glue or seal as the flap is closed.
- The loadable envelope size is up to 428 mm for the length.

Long paper

Load paper one sheet at a time.

Using an optional Long Paper Bypass Tray and Long Paper Inserter prevents skewed feeding and the paper from falling.

Refer

For loading paper on the Long Paper Bypass Tray, refer to "3 High Capacity Feeder B1-S/C3-DS/C1-DS" of "Reference Guide - Optional Units".

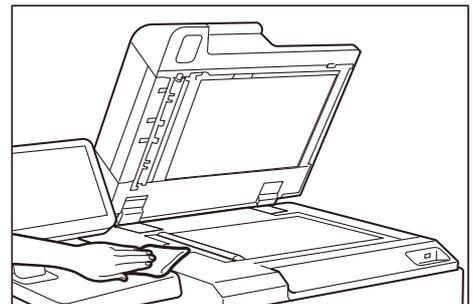
3.2 Loading Documents

Document Feeder

Loadable paper

Paper size	Max	A3, 11 x 17"
	Min	A6
	Custom size	84 x 139.7 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) (80 g/m ² paper)		250

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.

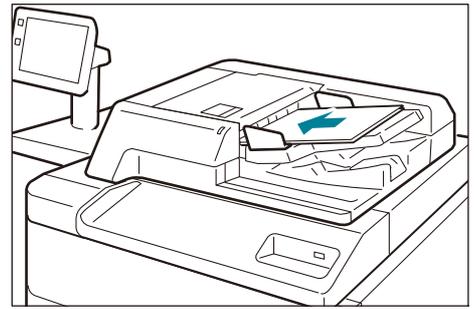


- Load the document face up (when the document is 2-sided, place the front side up) in the center of Document Feeder.

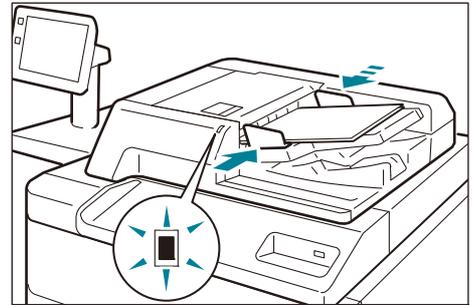


Important

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



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

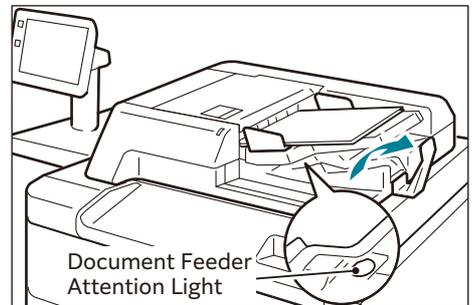


- Open the Document Stopper.



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.

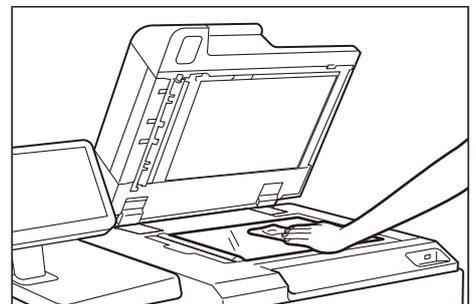


Document Glass

Loadable paper

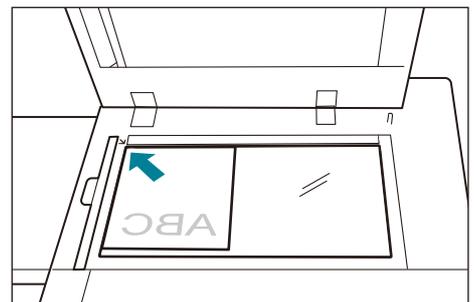
Paper size (mm)	Width	Up to 297
	Length	Up to 432

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



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

- 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).

For the front side printing, the paper is output to the tray with the print side up, and for the rear side printing, the paper is output to the tray with the print side down.

		Single-sided printing (front side output)	Double-sided printing/ upside down output (back side output)
Paper size (mm)	Width	98 to 330	98 to 330
	Length	148 to 488	148 to 488
Paper Weight (g/m ²)		52 to 256	52 to 256
		 Note For trays 1 to 3. When tray 5 (manual feed) is used, it is 52-300 g/m ² .	

Long paper

		Single-sided printing	Double-sided printing
Paper size (mm)		More than 488 to 1,200	More than 488 to 864
Paper weight (g/m ²)	Uncoated	Up to 660 mm: 52 to 350 Up to 864 mm: 52 to 300 Up to 1,200 mm: 52 to 256	
	Coated	Up to 660 mm: 52 to 350 Up to 864 mm: 52 to 300 Up to 1,200 mm: 52 to 256	

Tray capacity

A4 paper

Long Catch Tray	300 sheets
Offset Catch Tray	500 sheets

Papers other than A4

Long Catch Tray	Paper size: Up to 488 mm	300 sheets
	Paper size: 489 to 864 mm	100 sheets
	Paper size: More than 864 mm	10 sheets

Important

When paper exceeding the tray capacity is loaded, the Extension Tray may get broken.

 **Note**

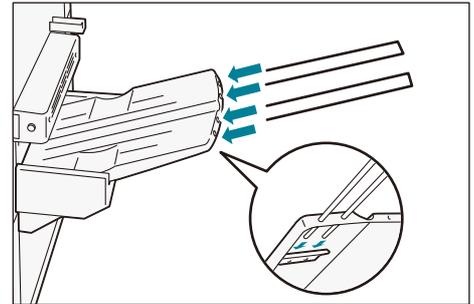
- The tray capacity varies depending on the following conditions.
 - Paper size, paper weight
 - Paper types (coated paper or uncoated paper, paper curl height, etc.)
 - Single-sided prints / double-sided prints
 - Image density

Extension Tray

Insert 2 extension trays until they stop.

 **Note**

Pass them through over the guide at the rear side of the tray until they stop.



Thin paper loading wire

When it is difficult to load thin paper, install the wire.

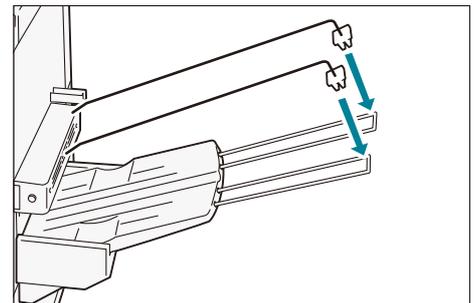
 **Note**

- The tray capacity is 10 sheets.
- Paper of which width is 256 mm or less cannot be used.
- The supported paper weights are from 82 to 209 g/m².

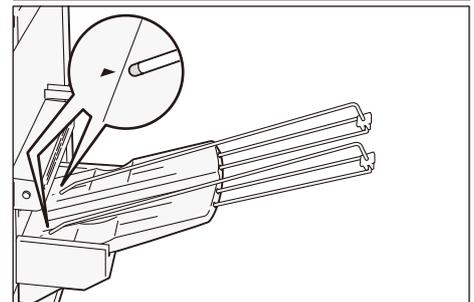
1. Install the wires on the extension tray.

 **Note**

As holding the extension tray with a hand, insert the fixing devices firmly, and check that the wires will not come off from the extension tray.

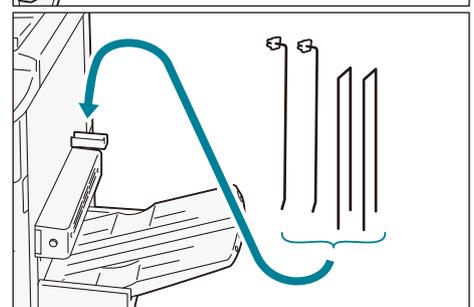


2. Adjust the wire positions as aligning the wires with the "▲" marks.



When not using the kit

Hang the kit on the holder at the side.



Offset

 **Note**

This function is available only for the Offset Catch Tray. Offset cannot be performed on the Long Catch Tray.

The paper is output with offset stacking for easy separation.

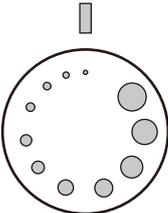
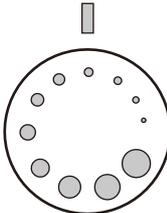
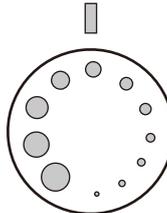
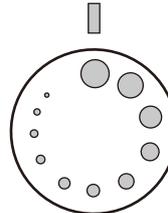
Use the printer driver to set the offset of outputs.

Paper size (mm)	Width	170.1 to 297
	Length	148 to 488
Paper weight (g/m ²)		52 to 300

Catch Tray Fan

The catch tray fan is equipped with a knob to adjust the airflow volume. Adjusting the airflow volume according to the paper volume to be output to the tray can prevent sheets from sticking each other.

Leave the scale to "0" when papers do not stick each other.

Airflow volume	None	Low	Medium	High
Memory	0	3	6	10
Knob				

Airflow Setting

		Larger than A4	Smaller than A4			
Paper weight (g/m ²)		All	60 to 105	106 to 128	129 to 150	151 or greater
Memory	When paper amount is small	0	0	3	6	10
	When paper amount is large (100 sheets or more)	0	3	6	10	10

 **Note**

- In high temperature environment or when a large volume of papers is output to the tray, papers are likely to stick each other. Increase the airflow volume by turning the knob to the right by 1 to 2 scales.
- When papers stick each other even if the airflow volume is increased, keep the number of papers on the Top Output Tray less than 50 sheets.
- Even if paper larger than A4 is used, when output papers heavily stick each other, set the airflow volume for A4 or smaller papers.

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 [K] (Black)
Toner Cartridge [C] (Cyan)
Toner Cartridge [M] (Magenta)
Toner Cartridge [Y] (Yellow)
Waste Toner Container

Handling consumables

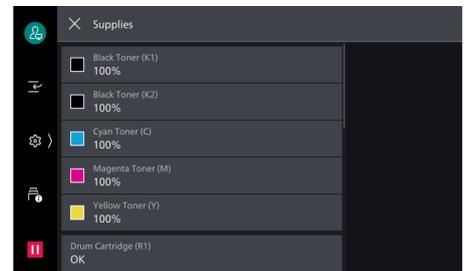
- Do not store boxes of consumables upright.
- Do not unpack consumables before use. Avoid storing consumables in the following locations:
 - In high temperature and humid locations
 - Near heat-generating devices
 - Areas exposed to direct sunlight
 - Dusty areas
- When using consumables, carefully 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, keep the machine power switched 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.

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 benzine 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.

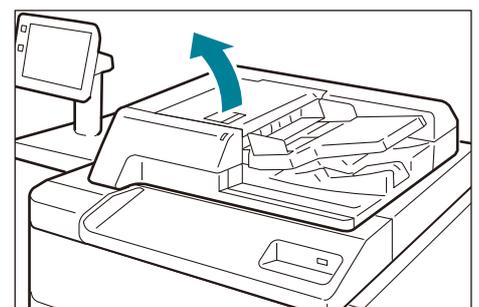
Wipe off any dirt with the supplied cloth about once a month.

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

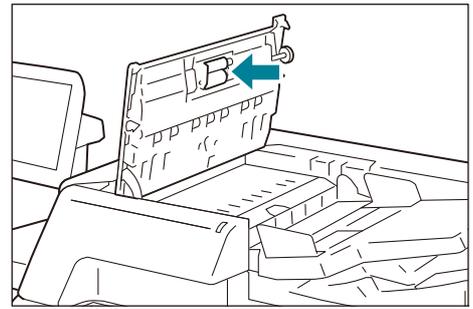
Document Feeder rollers

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.

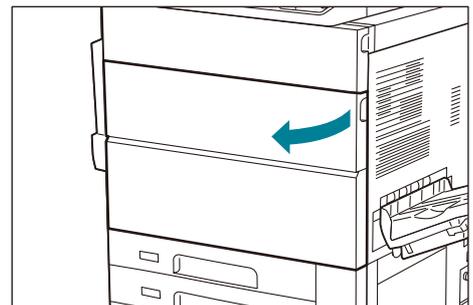


Cleaning the Chute

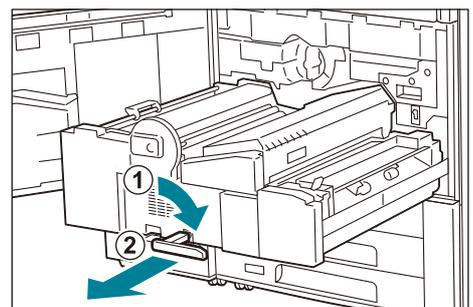
Perform when:

- You print with the paper size larger than that printed in bulk just before (Example: Print with A4 in large quantities and then to print with B4.).
- You printed on small strength papers
- You print under the high temperature and high humidity environment (Frequently cleaning is recommended.)
- You ran papers that generate much paper dust (such as roughly cut papers and much coated papers)
- You printed in bulk with extremely low density of image under low temperature and low humidity

1. Confirm that the machine is not in operation, and open the front cover.



2. Turn the handle [2] of the transfer unit to the right until it is horizontal (①), and pull out the transfer unit until it stops (②).



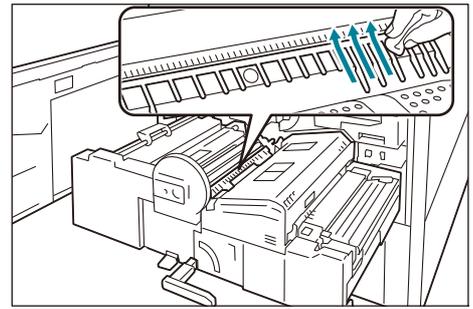
Cleaning the Exit Chute



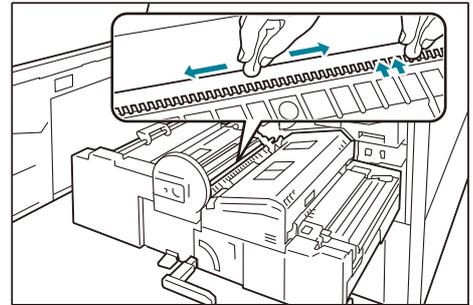
Important

- Clean gently. If you perform with too much force, the ribs or the serrations for releasing paper might be broken.
- Do not give damage on the roll nearby.

- 1) Use a soft, dry cloth to wipe the surface of the ribs from the bottom to the top. Wipe all the ribs.



- 2) Wipe the plate on the side of the roll off with the small folded cloth.



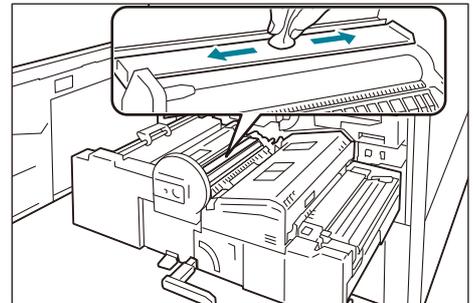
Cleaning the Inlet Chute

- 1) Wipe the top surface of the chute from front to rear or from rear to front.

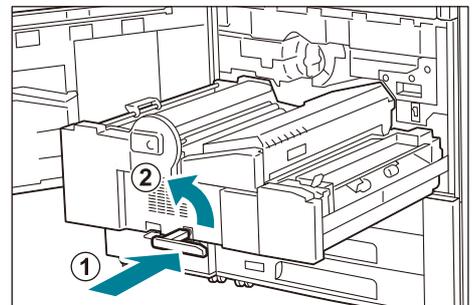


Important

Do not wipe the surface toward the paper feed direction because it may cause a failure in cleaning of the roll due to paper dust.



3. Insert the transfer module completely (①) and turn the green handle [2] to the left (②).
4. Close the front 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

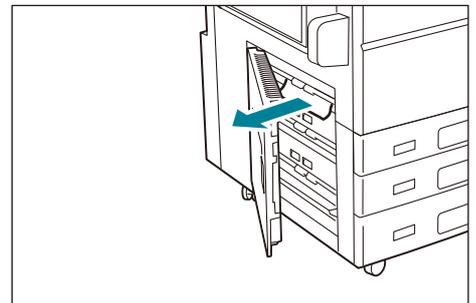
1. Open the Lower Left Cover.

Note

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

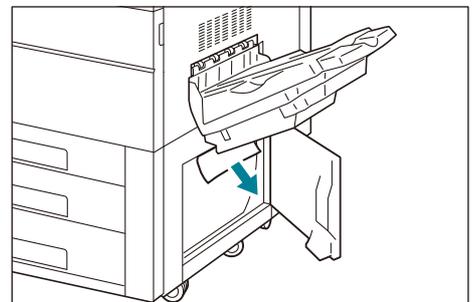
2. Remove the jammed paper.

3. Close the Lower Left Cover.



Right side

1. Open the Lower Right Cover.



2. Remove the jammed paper.

3. Close the Lower Right Cover.

Exit

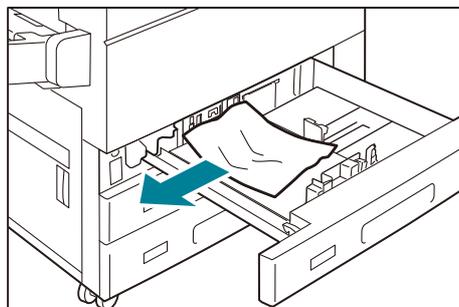
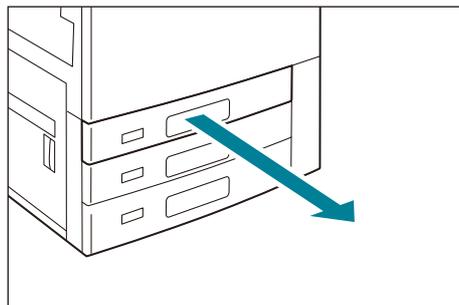
Depending on the optional units equipped in the right side of the machine, the method of paper removal differs.

Refer

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

Paper Trays 1 to 3

- 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.**

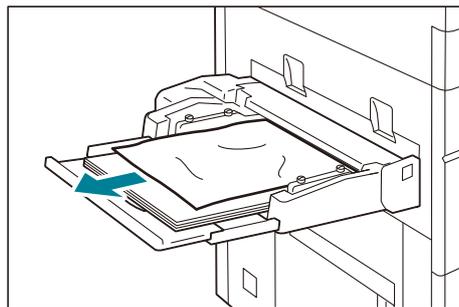


Paper Tray 5 (Bypass)

- 1. Remove the jammed paper.**
When a message appears on the control panel to cut the paper, cut the base of paper without pulling the paper out, and then tap [Confirm].
- 2. Remove all the paper from the Paper Tray 5 (Bypass), and then load the paper again.**

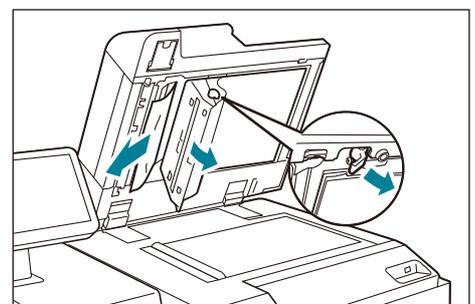
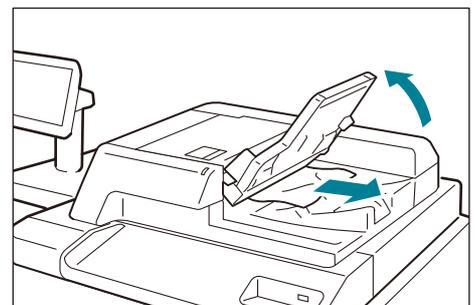
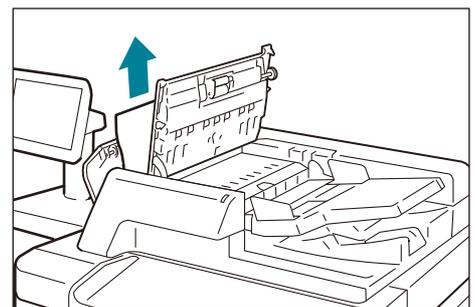
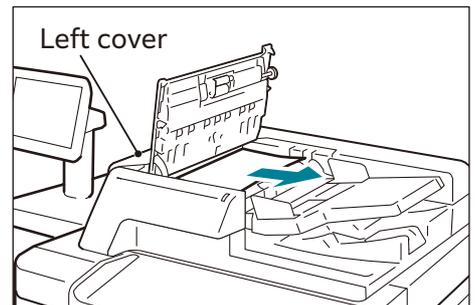
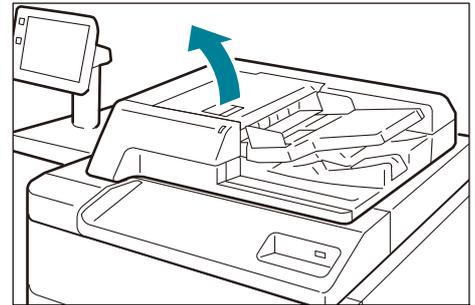
Note

If the paper is not visible, open the Paper Tray 5 (Bypass) Top Cover, and then remove the jammed paper.



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

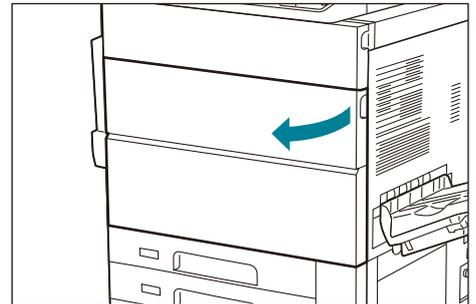
Note

- 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.

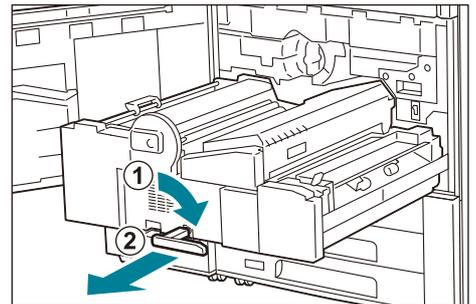
Warning

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 visible paper and remove it.

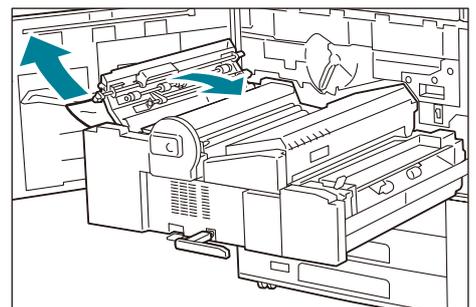
Note

- 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.

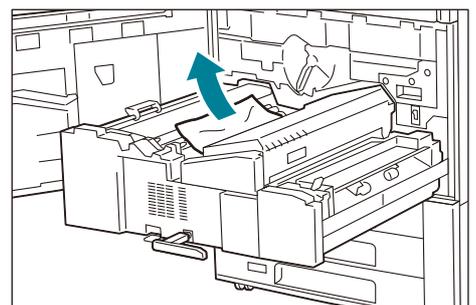
[2a], [2b]

- 1) Remove the jammed paper at [2a].
- 2) Move the handle [2b] to the right and remove the jammed paper.
- 3) Return the handle [2b].



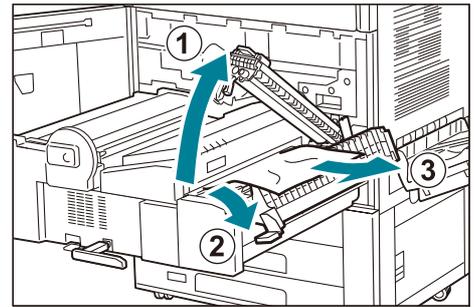
[2c]

- 1) Remove the jammed paper at [2c].



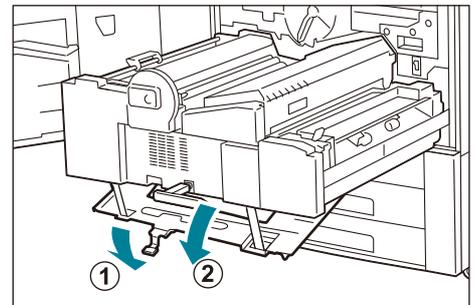
[2d], [2e]

- 1) Lift up the handle [2d] (①) and move the handle [2e] to the right (②), then remove the jammed paper. (③)
- 2) Return the handle [2d], [2e].



[2f]

- 1) Move the handle [2f] down and remove the jammed paper.
- 2) Return the handle [2f].

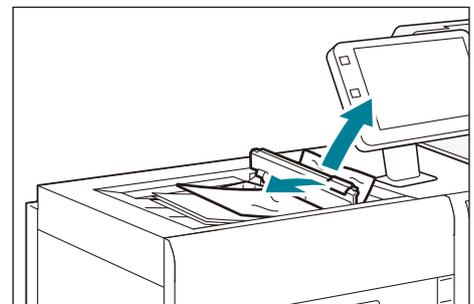


5. Push the Transfer Unit to the rearmost position and turn the handle [2] to the left.
6. Close the Front Cover.

Long paper

When paper remains on the Paper Tray 5 (Bypass) of High Capacity Feeder

1. Open the Upper Cover of the Paper Tray 5 (Bypass) and remove the jammed paper.

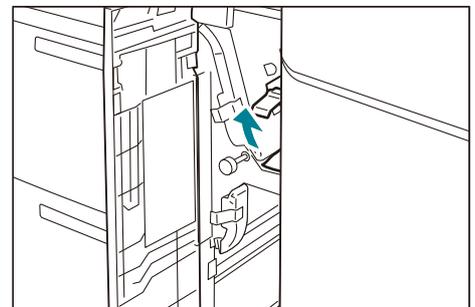
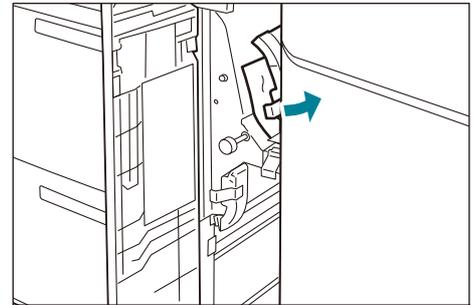


When paper is jammed between the right cover of the High Capacity Feeder and the machine

Note

- Open the right cover and remove the jammed paper. Do not remove the jammed paper from the machine side.
- Do not pull out the Transfer Unit of the machine. Otherwise, the jammed paper is torn and unable to be removed.

- 1. Open the handle [1a] in the right cover to the right.**
- 2. Cut the paper.**
- 3. Turn the knob [1c] to the right and remove the jammed paper (trail edge).**
- 4. Open the handle [1d] upward.**
- 5. Turn the knob [1c] to the right and remove the jammed paper (lead edge).**



When paper is jammed in delivery unit

Note

When long paper is jammed, the error indicator and/or message displayed on the details screen may be different from the actual jam state. For this reason, make sure to perform paper jam processing on all the devices in which paper may remain.

- 1. When paper is jammed in multiple optional units, open the cover of all the units installed to the front side of the jammed locations.**
- 2. Open the handles in the paper feeding path.**
- 3. Remove jammed paper from each unit.
Cut paper if necessary and remove paper from multiple locations.**

Refer

For handling of paper jam in each unit, refer to “Reference Guide - Optional Units”.

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.



Refer

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

Basic Specifications/Print Function

Item	Specification		
Type	Console		
Color capability	Full color		
Printing resolution	2,400 x 2,400 dpi		
Halftone/printable colors	256 halftones for each color (16.7 million colors)		
Warm-up time	300 seconds or less (at 20 °C room temperature)		
Continuous print speed (pages/minute)	Paper size	A4	A3
	SC180	80	44
	SC170	70	40
	Note When the same document is printed continuously on a single side, 52 to 220 g/m ² , uncoated paper. The continuous print speed may be lowered according to the data output conditions, auto adjustment of image quality, job with mixed paper sizes and/or paper types, switch of the paper feed tray, and paper output for long paper.		

Item	Specification	
Paper size		
Trays 1, 2 and 3	Standard size	Max: A3, 11 x 17", Min: A5
	Custom Size	140 x 182 mm to 330 x 488 mm
Tray 5 (Bypass)	Standard size	Max: A3, 11 x 17", Min: A6
	Custom Size	98 x 148 mm to 330 x 1,200 mm
 Note <ul style="list-style-type: none"> • The non-standard paper sizes refer to those when the standard Paper Tray 5 (Bypass) or optional bypass tray for long paper is directly connected to the main unit (including when High Capacity Feeder B1 is connected). • Automatic 2 sided printing is available up to 330 x 660 mm. 		
Paper Tray Capacity		
Maximum (sheets)	10,300 (Standard + Chained Air Suction Feeder C1-DS-R + Chained Air Suction Feeder C1-DS-L)	
 Note This value applies if 90 g/m ² paper is used.		
Power supply	AC 220 - 240V±10%, 20A for both 50/60Hz±3%	
Maximum power consumption	4.8 kW	
Dimensions (mm)	Width 1,159 x Depth 831 x Height 1,310	
 Note The size is the one when the Paper Tray 5 (Bypass) is closed and the delivery option is not connected.		
Weight (kg)	302	
 Note Weight not including the Toner Cartridges and Top Output Trays.		
Installation space (mm)	Width 2,920 x Depth 3,431	
 Note Space requirement (for the minimum configuration) when the Offset Catch Tray is installed on the main unit and the Bypass Tray for Long Paper is fully extended.		

Copying Function

Item	Specification	
Scan resolution	600 x 600 dpi	
Printing Resolution	2,400 x 2,400 dpi (text-photo/photo), 600 x 600 dpi (text/map)	
Halftone/printable colors	256 halftones for each color (16.7 million colors)	
Paper size	Standard size	Max: A3, Min: A6
	Custom Size	98 x 148 mm to 330 x 488 mm

Item		Specification	
First copy output time	SC180	Monochrome	5.2 seconds (A4/Monochrome priority mode)
		Color	9.0 seconds (A4/Color priority mode)
	SC170	Monochrome	5.3 seconds (A4/Monochrome priority mode)
		Color	9.1 seconds (A4/Color priority mode)

Scan Function

Item	Specification
Type	Color Scanner
Original Size	Same as the document size of the duplex automatic document feeder
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
Scanning method	[Scan to Folder] (TWAIN Interface support), [Scan to PC], [Scan to Email]

Duplex Automatic Document Feeder

Item	Specification
Type	1 pass, 2 sided scanning Duplex Automatic Document Feeder
Scan Speed (when copying)(A4 single-sided, monochrome/color)	SC180: 80 sheets/min, SC170: 80 sheets/min
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

Item	Specification
Paper size	Standard Size Max: A3, 11 x 17" Min: A6 Custom Size 98 x 148 mm to 330 x 660 mm
	 Note Handling paper over 330 x 488 mm is not guaranteed.
Paper weight (g/m ²)	52 to 400

Item	Specification
Paper Capacity (sheets)	500  Note This value applies if 90 g/m ² paper is used.

Long Catch Tray

Item	Specification
Paper size	Standard Size Max: A3, 11 x 17" Min: A6 Custom Size 98 x 148 mm to 330 x 1,200 mm
Paper weight (g/m ²)	52 to 400
Paper Capacity (sheets)	300 (paper length: up to 488 mm) 100 (paper length: from over 488 mm to 864 mm) 10 (paper length: from over 864 mm to 1,200 mm)  Note This value applies if 90 g/m ² paper is used.

5.2 Safety Notes



Also refer to "User's Manual".

Operational Safety



Do not place objects weighing more than 80 kg in Consumables Storage Unit. Heavy loads may deform or break them.



Do not put your weight on or lift up a door of Consumables Storage Unit. It may cause deforming or breaking it.



Do not forcibly open a door of Consumables Storage Unit. It may cause deforming or breaking it.

Machine Installation



To keep this product in a good performance and condition, always use it in the following environment:

- Temperature: 10 to 32°C
- Humidity: 15 to 85%

When this product is left in a chilly room and the room is rapidly warmed up by heater, dew condensation may form inside this product and cause a partial deletion on printing or scanning.

Regulation

Product Safety Certification (CB)

This product is certified by the following agency using the safety standards listed.

- Agency Standard
- TUV Rheinland IEC60950-1:ed. 2, IEC62368-1

Environment

- For environmental protection and efficient use of resources, we reuse returned consumables to make recycle parts, recycle materials or energy recovery.
- Proper disposal is required for consumables no longer needed. Do not open consumables. Return them to your local representative.

Support

Our company will store the spare parts necessary to maintain the function of the machine for 7 years after the production termination of the machine.

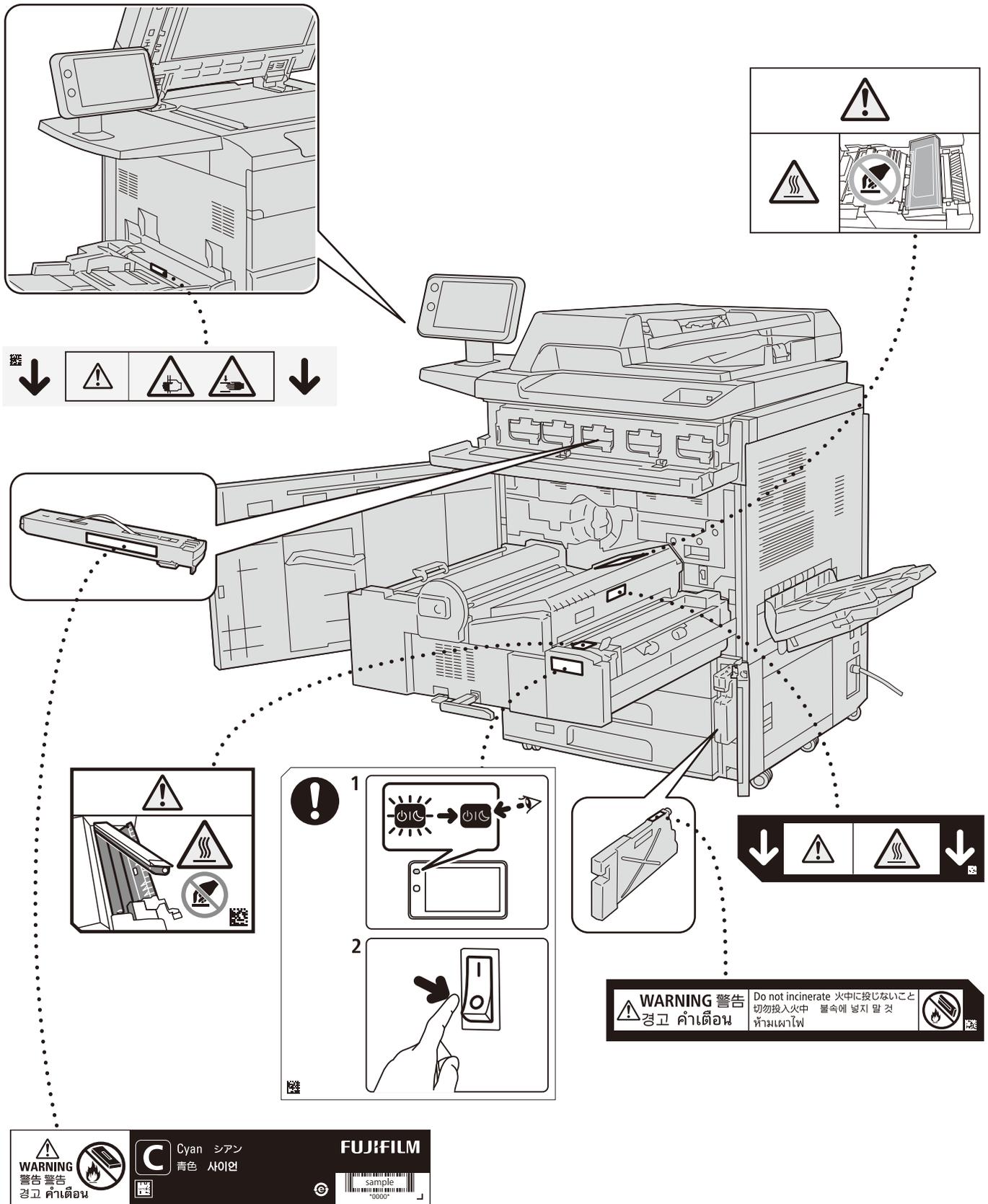
Legal Notice

Printing certain documents may be illegal in your country. Penalties of fines or imprisonment may be imposed on those found guilty. The following are examples of items that may be illegal to copy or print in your country.

- Currency
- Banknotes and checks
- Bank and government bonds and securities
- Passports and identification cards
- Copyright material or trademarks without the consent of the owner
- Postage stamps and other negotiable instruments

This list is not inclusive and no liability is assumed for either its completeness or accuracy. In case of doubt, contact your legal counsel.

Location of Warning and Caution Labels



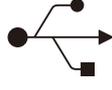
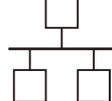
Symbols Marked on the Machine

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

	DANGER, CAUTION, AND WARNING		DO NOT USE ENVELOPE		DO NOT COPY MONEY
	CAUTION (HEATED SURFACE)		DO NOT USE WINDOWED ENVELOPE		DO NOT THROW A TONER CARTRIDGE INTO AN OPEN FLAME
	DO NOT INSERT A FINGER		DO NOT USE POSTCARDS		DO NOT THROW WASTE TONER CONTAINER INTO AN OPEN FLAME
					DO NOT THROW WASTE TRANSFER UNIT INTO AN OPEN FLAME
			DO NOT USE FOLDED, CREASED, OR CURLED PAPER		POWER / POWER SAVING BUTTON
	DO NOT TOUCH		DO NOT USE FOLDED PAPER		DO NOT USE CUT AND PASTED DOCUMENT
			DO NOT USE CREASED PAPER		DO NOT USE BACK CARBON PAPER
	DO NOT TOUCH CAUTION (ELECTRIC SHOCK)		DO NOT USE CURLED PAPER		DO NOT USE INK JET PRINTER PAPER
	CAUTION (CUTTING EDGES)		DO NOT USE THIN DOCUMENT		DIRT ON THE OUTPUT PAPER
					MIXED SIZE DOCUMENT
	DO NOT INSERT A FINGER		DO NOT USE TRANSPARENCY FILMS FOR FULL COLOR		COATED PAPER
	DO NOT USE PAPER WITH STAPLES OR CLIPS		DO NOT USE TORN PAPER		LONG PAPER

 25kg	CAUTION (HEAVY OBJECT) RISK TO SINGLE WORKER
	CLEANING OF SCANNER
	FACE PRINT SURFACE DOWN

	PAPER JAM
	GENERAL INSTRUCTIONS
	FACE PRINT SURFACE UP

	USB TERMINAL MARKING
	LAN TERMINAL MARKING