

# Pro 8200s/8210s/8220s Pro 8210/8220



## User Guide

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For information not in this manual, refer to the HTML/PDF files on the supplied CD-ROM.



For safe and correct use, be sure to read the Safety Information in Read This First before using the machine.



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# How to Read the Manuals

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## Symbols Used in the Manuals

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This manual uses the following symbols:

### **Important**

Indicates points to pay attention to when using the machine, and explanations of likely causes of paper misfeeds, damage to originals, or loss of data. Be sure to read these explanations.

### **Note**

Indicates supplementary explanations of the machine's functions, and instructions on resolving user errors.

### **Reference**

This symbol is located at the end of sections. It indicates where you can find further relevant information.

### **[ ]**

Indicates the names of keys on the machine's display or control panels.



Indicates instructions stored in a file on a provided CD-ROM.

 **Region A** (mainly Europe)

 **Region B** (mainly North America)

Differences in the functions of Region A and Region B models are indicated by two symbols. Read the information indicated by the symbol that corresponds to the region of the model you are using. For details about which symbol corresponds to the model you are using, see page 7 "Model-Specific Information".

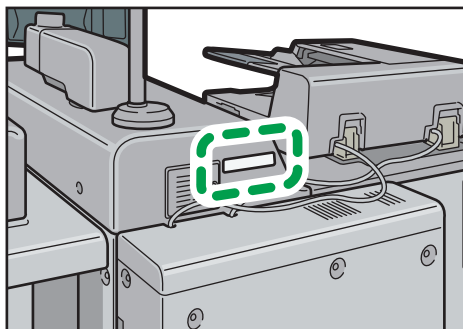


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# Model-Specific Information

This section explains how you can identify the region your machine belongs to.

There is a label on the rear of the machine, located in the position shown below. The label contains details that identify the region your machine belongs to. Read the label.



CWW201

The following information is region-specific. Read the information under the symbol that corresponds to the region of your machine.

## **Region A** (mainly Europe)

If the label contains the following, your machine is a region A model:

- CODE XXXX -27
- 220–240 V

## **Region B** (mainly North America)

If the label contains the following, your machine is a region B model:

- CODE XXXX -17, -57 <sup>\*1</sup>
- CODE XXXX -17 <sup>\*2</sup>
- 208–240 V

<sup>\*1</sup> Types 1 to 3

<sup>\*2</sup> Types 4 to 5

### **Note**

- Dimensions in this manual are given in two units of measure: metric and inch. If your machine is a Region A model, refer to the metric units. If your machine is a Region B model, refer to the inch units.

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# Names of Major Features

In this manual, major features of the machine are referred to as follows:

- Auto Document Feeder → ADF
- LCIT RT5070 → Large Capacity Tray (LCT)
- Wide Large Capacity Tray → Wide LCT (in this manual, "wide LCT" refers to the three-tray wide LCT and the two-tray wide LCT)
- LCIT RT5080 → Three-tray wide Large Capacity Tray (Three-tray wide LCT)
- Vacuum Feed LCIT RT5100 → Two-tray wide Large Capacity Tray (Two-tray wide LCT)
- Multi-Folding Unit FD5020 → Multi-folding unit
- Decurl Unit DU5050 → Decurl unit
- Ring Binder RB5020 → Ring binder
- Perfect Binder GB5010 → Perfect binder
- Trimmer Unit TR5040 → Trimmer
- High Capacity Stacker SK5030 → High capacity stacker
- RPIP Interface Box Type S3 → Interface box
- Multi Bypass Tray BY5010 → Multi bypass tray (Tray 7)
- Multi Bypass Banner Sheet Tray Type S3 → Banner sheet tray of multi bypass tray (Tray 7)
- Cover Interposer Tray CI5030 → Interposer
- Copy Connector Type 3260 → Copy Connector
- ADF Double-feed Detection kit Type-S7 → ADF double-feed detection kit

# 1. Easy Search

You can search for a description by what you want to do.

## Searching by What You Want to Do

You can search for a procedure by what you want to do.

 **Region A** (mainly Europe)

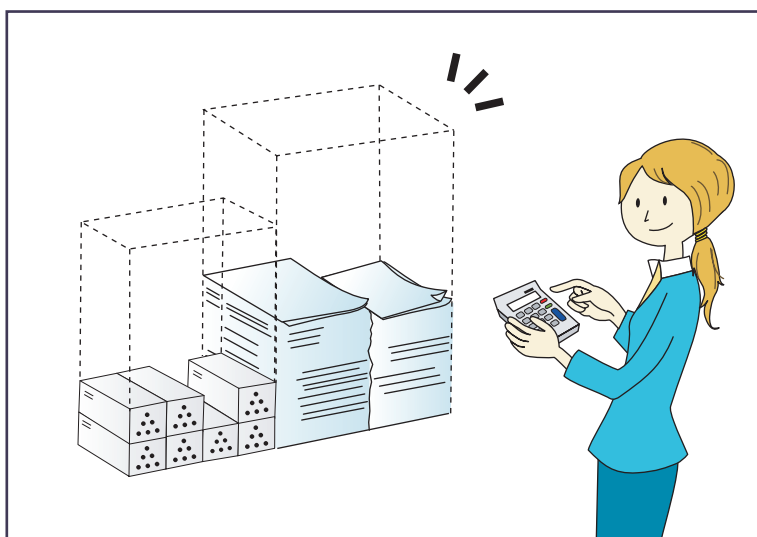
You can use the copy function, Document Server function, scanner function, and programs on Type 1, 2, or 3 machines only.

 **Region B** (mainly North America)

You can use the copy function, Document Server function, scanner function, and programs on Type 1\*, 2, or 3 machines only.

\* The printer and scanner functions are not available on Pro 8200EX.

## Reducing my Costs



BRL059S

### Printing multi-page documents on both sides of sheets (Duplex Copy)

⇒ See "Duplex Copying", Copy/ Document Server .

### Printing multi-page documents on a single sheet (Combine)

⇒ See "Combined Copying", Copy/ Document Server .

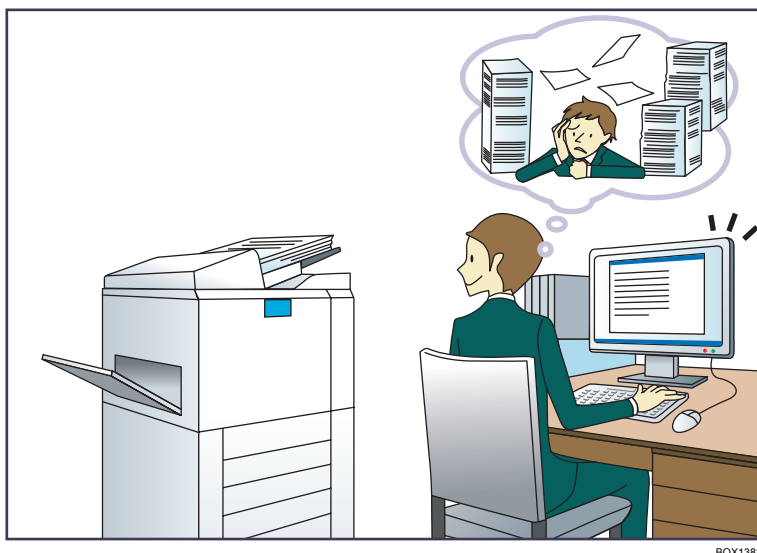
### Checking how much paper is saved ([Information] screen)

⇒ See "How to Use the [Information] Screen", Getting Started .

## Reducing electricity consumption

- ⇒ See "Saving Energy", Getting Started .
- ⇒ See "Timer Settings", Connecting the Machine/ System Settings .

## Converting Documents to Electronic Formats Easily



BQX138S

### Sending scan files

- ⇒ See "Basic Procedure for Sending Scan Files by E-mail", Scan .

### Sending the URL of the folder in which scan files are stored

- ⇒ See "Sending the URL by E-mail", Scan .

### Storing scan files in a shared folder

- ⇒ See "Basic Procedure When Using Scan to Folder", Scan .

### Storing scan files on media

- ⇒ See "Basic Procedure for Saving Scan Files on a Memory Storage Device", Scan .

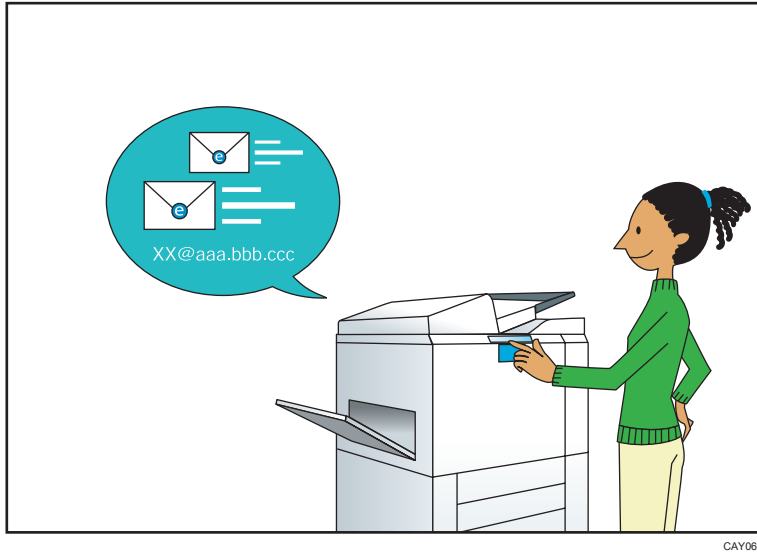
### Embedding text information in scanned files

- ⇒ See "Embedding Text Information in Scanned Data", Scan .

### Managing and using documents converted to electronic formats (Document Server)

- ⇒ See "Relationship between Document Server and Other Functions", Copy/ Document Server .

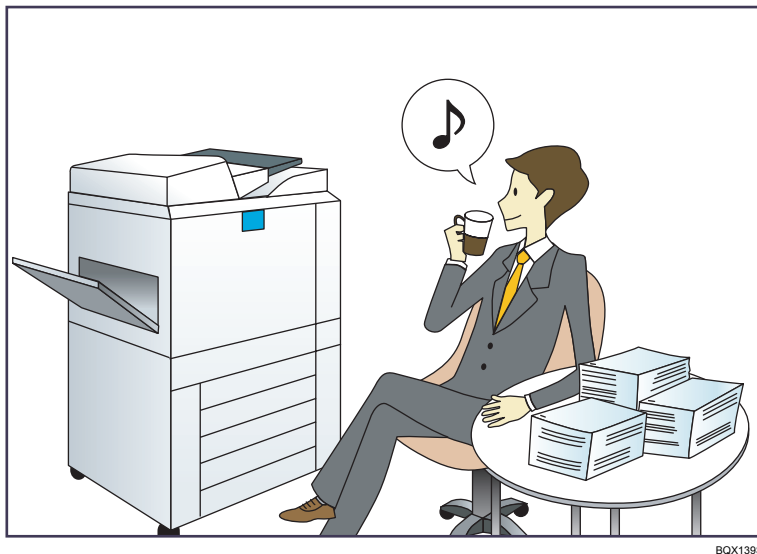
## Registering Destinations



### Using the control panel to register destinations in the Address Book

⇒ See "Registering a destination in the address book manually", Scan .

## Operating the Machine More Effectively



### Registering and using frequently-used settings (Program)

⇒ See "Registering Functions in a Program", Convenient Functions .

### **Registering frequently-used settings as initial settings (Program as Defaults (Copier/Document Server/Scanner))**

⇒ See "Changing the Default Functions of the Initial Screen", Convenient Functions .

### **Registering frequently-used printing settings to the printer driver**

⇒ See "Using One Click Presets", Print .

### **Changing the initial settings of the printer driver to frequently-used printing settings**

⇒ See "Displaying the Printing Preferences Dialog Box", Print .

### **Adding shortcuts to frequently used programs**

⇒ See "Adding Icons to the [Home] Screen", Convenient Functions .

### **Changing the order of the function and shortcut icons**

⇒ See "Changing the Order of Icons on the [Home] Screen", Convenient Functions .

# What You Can Do with This Machine

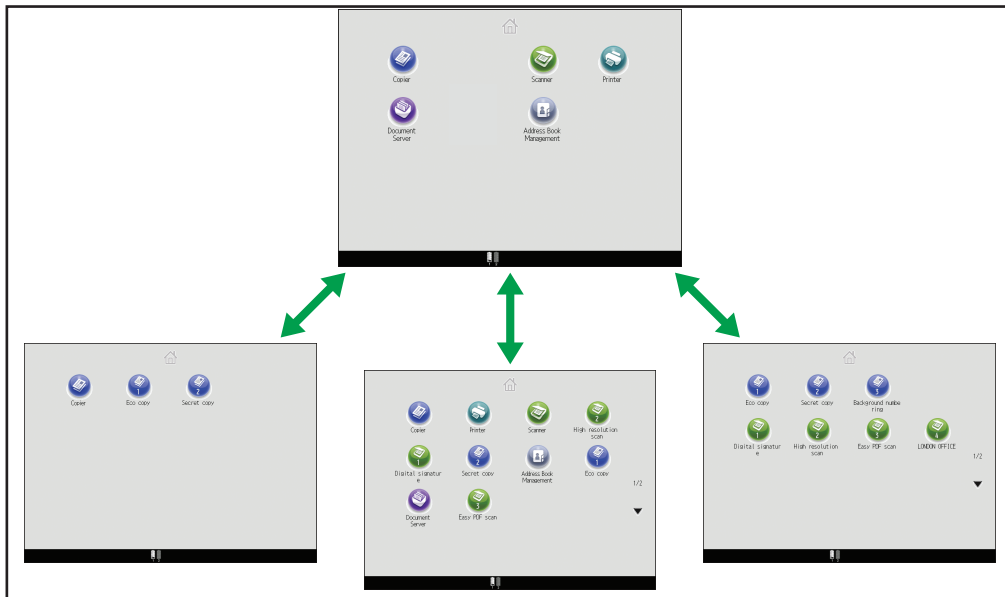
This section describes the features of this machine.

You can use the copy function, Document Server function, scanner function, and programs on Type 1, 2, or 3 machines only.

1

## Customizing the [Home] Screen

The icons of each function are displayed on the [Home] screen.



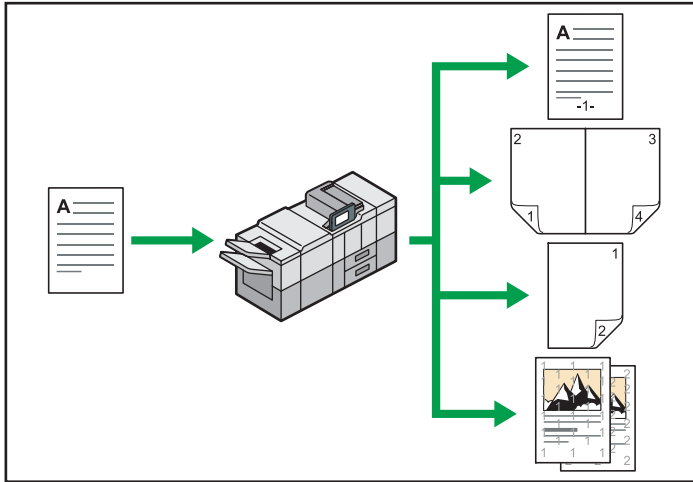
DSD101

- You can add shortcuts to often used programs to the [Home] screen. The programs can be recalled easily by pressing the shortcut icons.
- You can display only the icons of functions and shortcuts that you use.
- You can change the order of the function and shortcut icons.

### Reference

- For details about the features on the [Home] screen, see "How to Use the [Home] Screen", Getting Started.
- For details about how to customize the [Home] screen, see "Types of [Home] Screens and How to Customize Them", Convenient Functions.

## Making Copies Using Various Functions



CWW102

- You can print stamps on copies. Stamps can include background numbers, scanned images, dates, page numbers, and texts.  
⇒ See "Stamps", Copy/ Document Server .
- You can reduce or enlarge the copy image. Auto Reduce / Enlarge function enables the machine to detect the original size automatically. Also, it enables the machine to select an appropriate reproduction ratio based on the paper size you specify. If the orientation of the original is different from that of the paper you are copying onto, the machine rotates the original image by 90 degrees to match it with the copy paper.  
⇒ See "Reducing or Enlarging Originals", Copy/ Document Server .
- Copier functions such as Duplex, Combine, Booklet, and Magazine allow you to save on paper by copying multiple pages onto single sheets.  
⇒ For details about duplex copying, see "Duplex Copying", Copy/ Document Server .
- ⇒ For details about combined copying, see "Combined Copying", Copy/ Document Server .
- ⇒ For details about the booklet and magazine functions, see "Booklet/Magazine", Copy/ Document Server .
- You can copy onto various types of paper such as tab stock and OHP transparencies.  
⇒ See "Copying onto Various Types of Paper", Copy/ Document Server .
- The finisher allows you to sort, staple, and punch holes in your copies.  
⇒ See "Finishing", Copy/ Document Server .
- The multi-folding unit allows you to fold your copies.  
⇒ See "Finishing", Copy/ Document Server .
- The ring binder allows you to bind your copies with a ring comb.

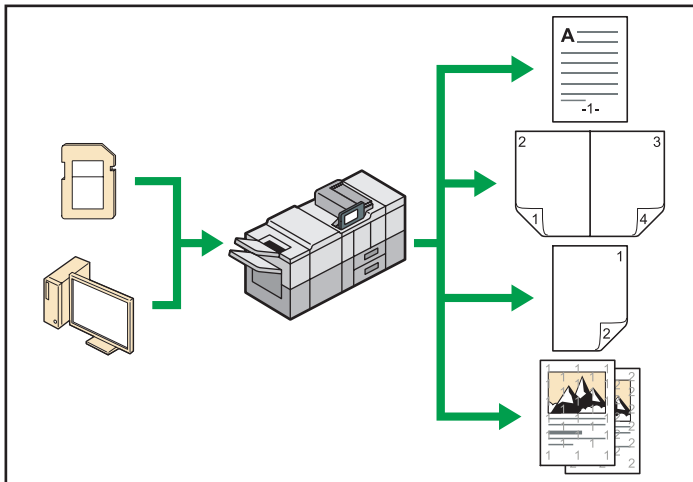


⇒ See "Finishing", Copy/ Document Server ⑧.

- The perfect binder allows you to apply adhesive to the spine of gathered pages to bind them in a booklet.

⇒ See "Finishing", Copy/ Document Server ⑧.

## Printing Data Using Various Functions



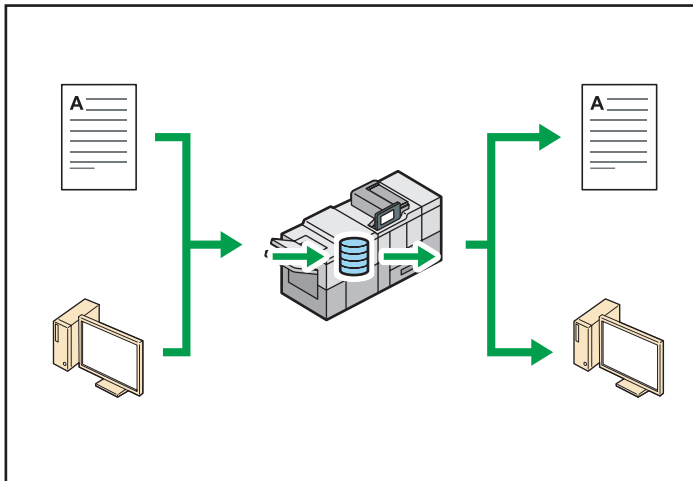
CWW103

- This machine supports network and local connections.
- You can send PDF files directly to the machine for printing, without having to open a PDF application.  
⇒ See "Printing a PDF File Directly", Print ⑧.
- You can print or delete print jobs stored on the machine's hard disk, which have been previously sent from computers using the printer driver. The following types of print jobs can be selected: Sample Print, Locked Print, Hold Print, and Stored Print.  
⇒ See "Storing Documents in the Hard Disk Drive and Printing Them", Print ⑧.
- The finisher allows you to collate, staple, and punch holes in your prints.  
⇒ For details about collating, see "Collate", Print ⑧.  
⇒ For details about stapling, see "Staple", Print ⑧.  
⇒ For details about punching, see "Punch", Print ⑧.
- The multi-folding unit allows you to fold your prints.  
⇒ For details about multi-folding, see "Fold", Print ⑧.
- The ring binder allows you to bind your prints with a ring comb.  
⇒ See "Ring Binding", Print ⑧.

- The perfect binder allows you to apply adhesive to the spine of gathered pages to bind them in a booklet.  
⇒ See "Perfect Binding", Print ⓘ.
- You can print files stored on a removable memory device and specify print conditions such as print quality and print size.  
⇒ See "Direct Printing from a Memory Storage Device", Print ⓘ.

## Utilizing Stored Document

You can store files scanned in copier, printer, or scanner mode on the machine's hard disk. Web Image Monitor allows you to use your computer to search for, view, print, delete, and send stored files via the network. You can also change print settings and print multiple documents (Document Server).



CWW104

- You can retrieve stored documents scanned in scanner mode to your computer.
- Using the file format converter, you can download documents stored in copier, Document Server, or printer mode to your computer.

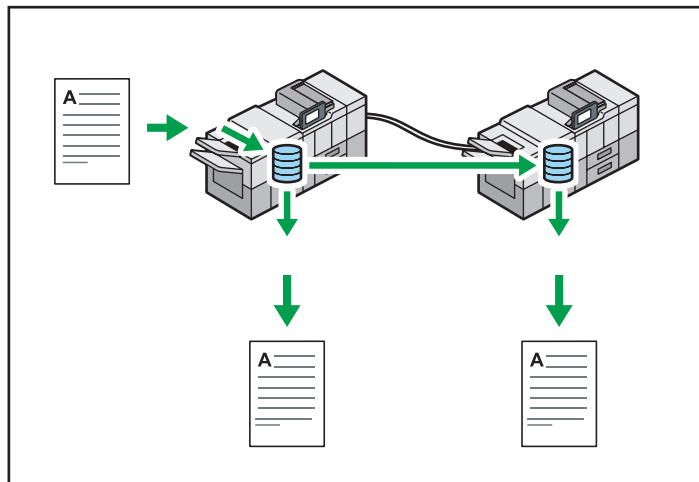
### Reference

- For details about how to use the Document Server, see "Storing Data in the Document Server", Copy/ Document Server ⓘ.
- For details about the Document Server in copier mode, see "Document Server", Copy/ Document Server ⓘ.
- For details about the Document Server in printer mode, see "Saving and Printing Using the Document Server", Print ⓘ.
- For details about the Document Server in scanner mode, see "Storing and Saving the Scanned Documents", Scan ⓘ.

## Connecting Two Machines for Copying

You can connect two machines together with copy connector. When you set up a copy job on one machine (the main machine), data is transferred to the other (the sub-machine) so that copies can be made on both machines simultaneously (Connect Copy).

1



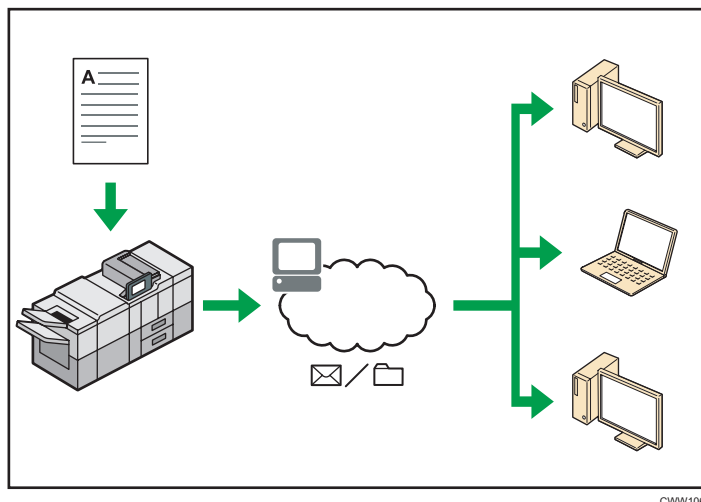
CWW105

- You can complete large volume copy runs in shorter time.
- Even if one machine runs out of paper, or stops because of a paper jam, the other machine can still continue to finish the job.

### Reference

- See "Connect Copying", Copy/ Document Server .

## Using the Scanner in a Network Environment

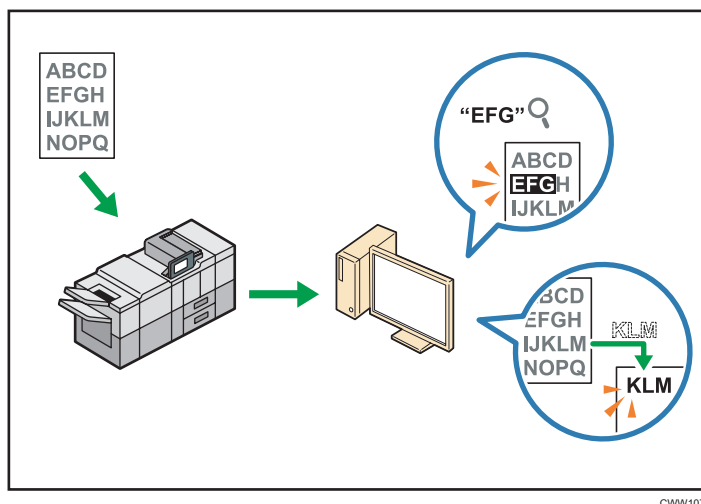


- You can send scan files to a specified destination using e-mail (Sending scan files by e-mail).  
⇒ See "Basic Procedure for Sending Scan Files by E-mail", Scan ⑥.
- You can send scan files directly to folders (Sending scan files by Scan to Folder).  
⇒ See "Basic Procedure When Using Scan to Folder", Scan ⑥.
- You can use Web Services on Devices (WSD) to send scan files to a client computer.  
⇒ See "Basic Operating Procedure of WSD Scanner (Push Type)", Scan ⑥.

## Embedding Text Information in Scanned Files

You can extract text information from a scanned document and embed it in the file without using a computer.

If you scan a document using this function, embedded text can be searched by using the text search function or copied to another document.



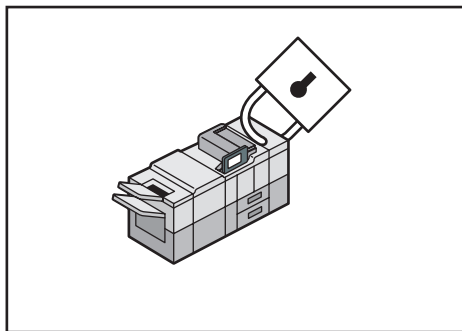
CWW107

- To use this function, the OCR unit is required.
- You can select a file type from [PDF], [High Compression PDF], or [PDF/A].
- This function can optically recognize characters in various languages and up to approximately 40,000 characters a page.

#### Reference

- See "Embedding Text Information in Scanned Data", Scan .

## Preventing Information Leakage (Security Functions)



CWW108

- You can protect documents from unauthorized access and stop them from being copied without permission.
- You can control the use of the machine, as well as prevent machine settings from being changed without authorization.
- By setting passwords, you can prevent unauthorized access via the network.
- You can erase or encrypt the data on the hard disk to minimize the risk of information leakage.

- You can limit the usage of functions for each user.

### Reference

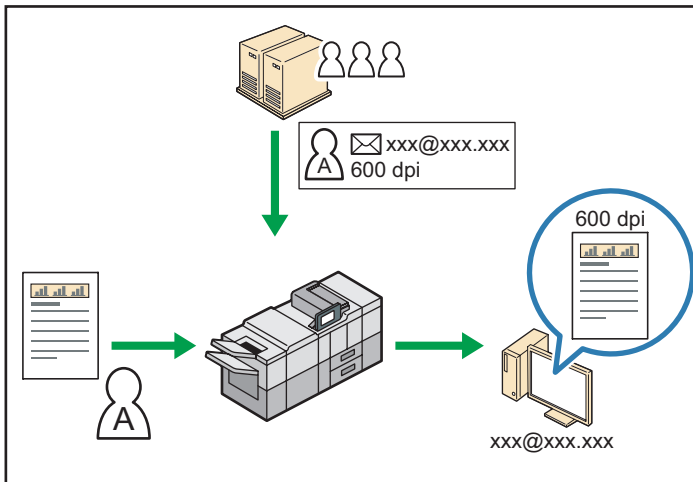
- See Security Guide .

1

## Centrally Controlling Scan Conditions and Distribution

You can use the distributed scan management (DSM) system in Windows Server 2008 R2 or later to manage the destinations and scan settings for each individual user in a group and to use the information when distributing scanned data.

You can also use this system to centrally manage information about people using the network and the machine's scanner functions. Both delivered files and user information can be controlled.



CWW109

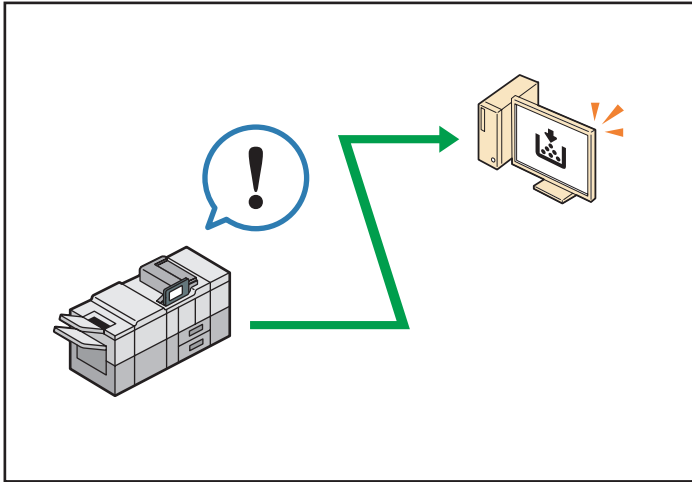
- You must set up and configure a Windows server to use the distributed scan management system. This system is supported by Windows Server 2008 R2 or later.

### Reference

- For details about how to deliver files using the distributed scan management system, see "Managing Scan Conditions and Other Settings in the Block using Distributed Scan Management", Scan .

## Monitoring and Setting the Machine Using a Computer

Using Web Image Monitor, you can check the machine's status and change the settings.



CWW110

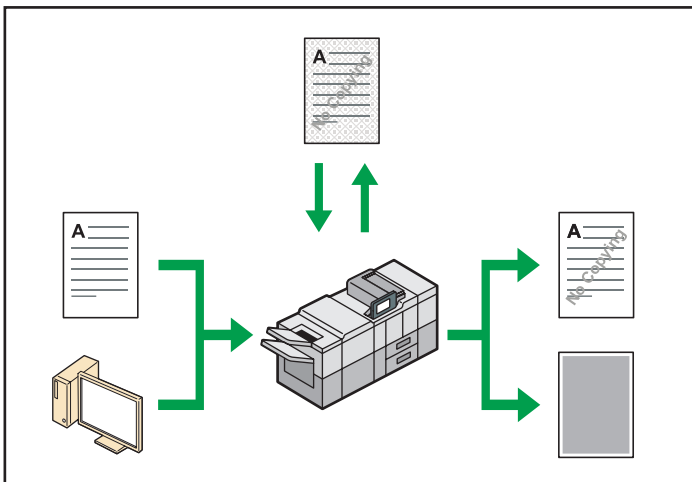
You can check which tray is running out of paper, register information in the Address Book, specify the network settings, configure and change the system settings, manage jobs, print the job history, and configure the authentication settings.

#### Reference

- See "Using Web Image Monitor", Connecting the Machine/ System Settings .
- See Web Image Monitor Help.

## Preventing Unauthorized Copying

You can print embedded patterns on printouts to prevent unauthorized copying.



CWW111

- Using the copier function or the printer driver, you can embed a pattern in the printed document. If the document is copied on a machine with the Copy Data Security unit, protected pages are grayed out in the copy. This can minimize the risk of confidential information being copied. If a document protected by unauthorized copy guard is copied on a machine that is equipped with the Copy Data Security unit, the machine beeps to notify users that unauthorized copying is being attempted.

If the document is copied on a machine without the Copy Data Security Unit, the hidden text becomes conspicuous in the copy, showing that the copy is unauthorized.

- Using the copier function or the printer driver, you can embed text in the printed document for unauthorized copy prevention. If the document is copied, scanned, or stored in a Document Server by a copier or multifunction printer, the embedded text appears conspicuous in the copy, discouraging such unauthorized copying.

#### Reference

- For details, see the printer driver Help and Security Guide .
- For details about this function in the copier mode, see "Preventing Unauthorized Copies", Copy/Document Server .
- For details about this function in the printer mode, see "Printing Documents that Are Not Authorized for Duplication", Print .



## 2. Getting Started

This chapter describes how to start using this machine.

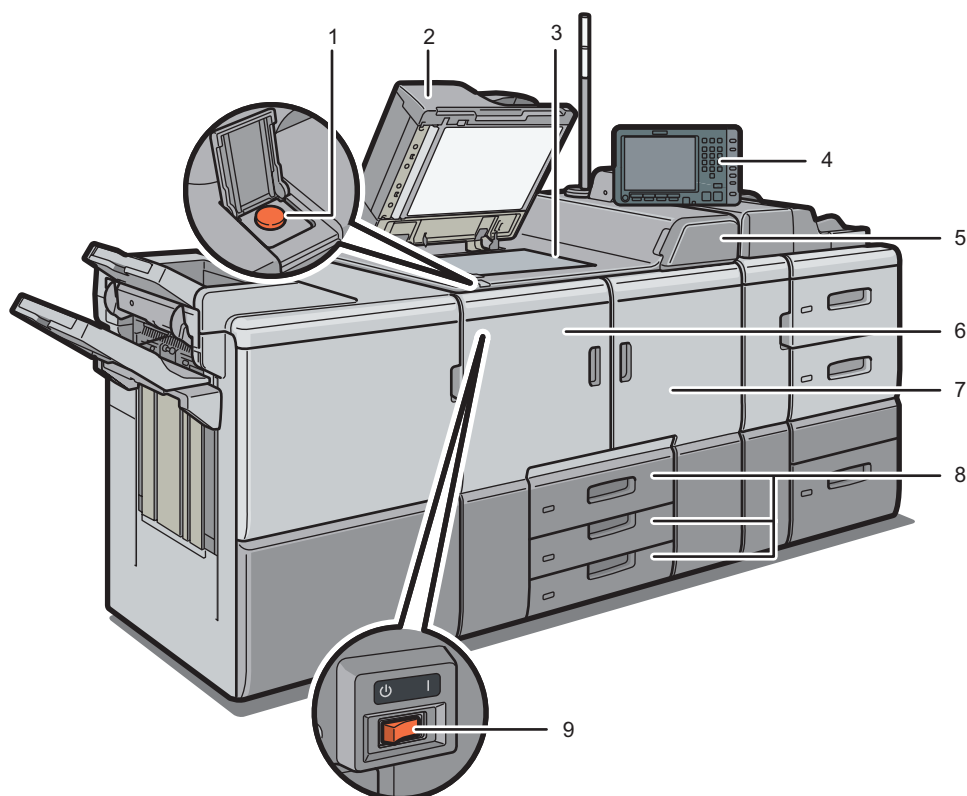
### Guide to Names and Functions of Components

#### CAUTION

- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

You can load and scan originals on a Type 1, 2, or 3 machine.

#### Front and left view



DSC202

#### 1. Main power switch

To operate the machine, the main power switch must be on. If it is off, open the main power switch's cover and turn the switch on.

#### 2. ADF

Lower the ADF over originals placed on the exposure glass.

If you load a stack of originals in the ADF, the ADF will automatically feed the originals one by one.

The ADF scans both sides of an original simultaneously.

### 3. Exposure glass

Place originals face down here.

### 4. Control panel

See "Guide to the Names and Functions of the Machine's Control Panel".

### 5. Toner cartridge cover

Open to change toner cartridges.

### 6. Front left cover

Open to remove paper jams or turn on/off the AC power switch.

### 7. Front right cover

Open to remove paper jams.

### 8. Paper trays (Trays 1–3)

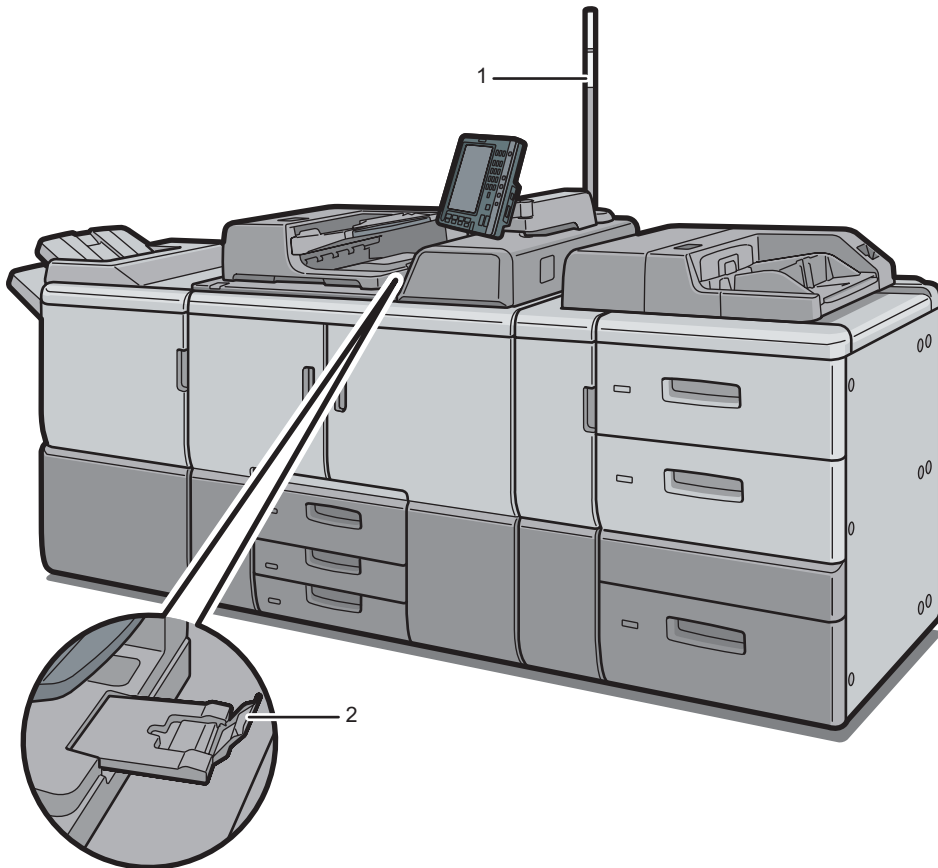
Load paper here. Tray 1 is a tandem tray where paper on the left side automatically moves to the right when paper there has run out.

An indicator on the front left side of the tray lights while paper is feeding.

### 9. AC power switch

Press to completely turn off the power of the machine. The AC power switch must be kept on in normal use. The switch is inside the front left cover. For details, see "Dos and Don'ts", Maintenance and Specifications .

## Front and right view



2

CWW203

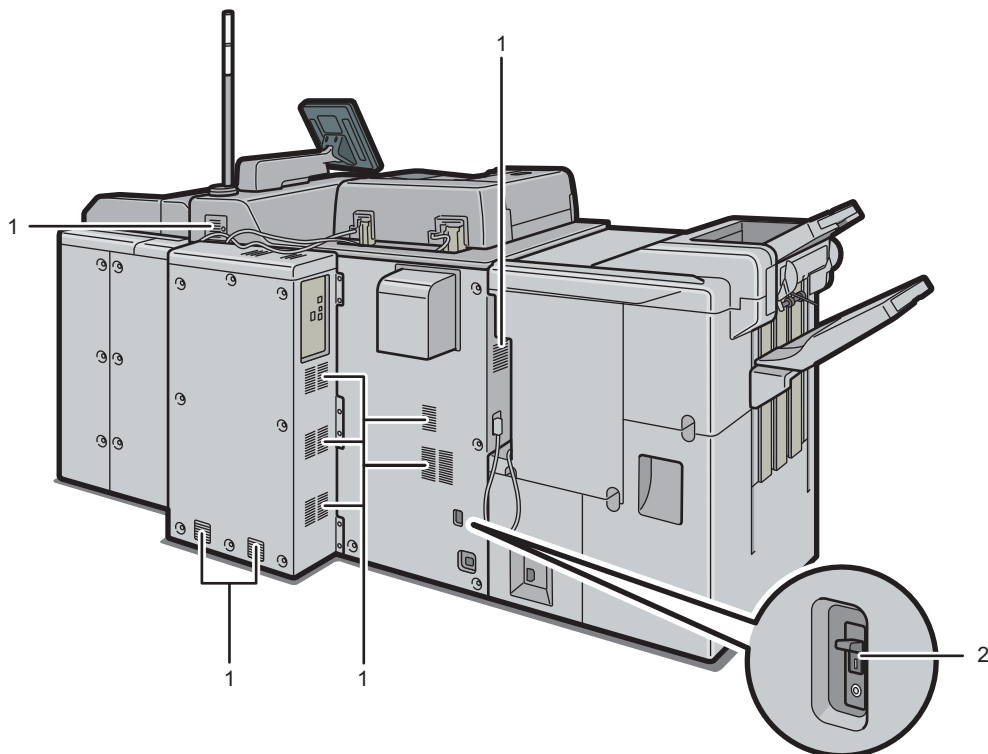
### 1. Attention light

See page 26 "Guide to Functions of the Attention Light".

### 2. ADF's extender

Pull this extender to support large paper.

## Rear and left view



CWW204

### 1. Vents

Prevent overheating.

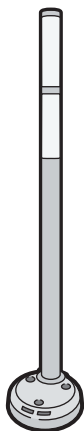
### 2. Earth leakage breaker

Protects users from electric shock. For details about checking the earth leakage breaker, see "Checking the Earth Leakage Breakers", Maintenance and Specifications .

## Guide to Functions of the Attention Light

### ★ Important

- Do not push or pull the attention light when installed to the machine. Doing so may result in damage or malfunction of the attention light or the machine.



CUV121

The attention light notifies the user by light when there is a paper jam or no paper is left.  
The colors of the lamp and their meanings are as follows:

| Lamp                          | Status                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The bottom lamp lights blue.  | Printing                                                                                                                                                                                                                                                                                                                                                            |
| The bottom lamp flashes blue. | <ul style="list-style-type: none"><li>• Scanning</li><li>• Data in</li></ul>                                                                                                                                                                                                                                                                                        |
| The top lamp lights red.      | <p>Error occurred<br/>(Example)</p> <ul style="list-style-type: none"><li>• When the service call message appears</li><li>• Paper jam</li><li>• Out of paper</li><li>• Out of toner</li><li>• Memory overflow</li></ul> <p>Read the message on the display panel, and then take appropriate action. For details, see "When Messages Appear", Troubleshooting ⑧.</p> |

| Lamp                         | Status                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The top lamp flashes yellow. | <p>Warning</p> <p>(Example)</p> <ul style="list-style-type: none"><li>• Toner has nearly run out.</li><li>• Waste toner bottle is nearly full.</li></ul> <p>Read the message on the display panel, and then take appropriate action. For details, see "When Messages Appear", Troubleshooting .</p> |

# Guide to Functions of the Machine's Options

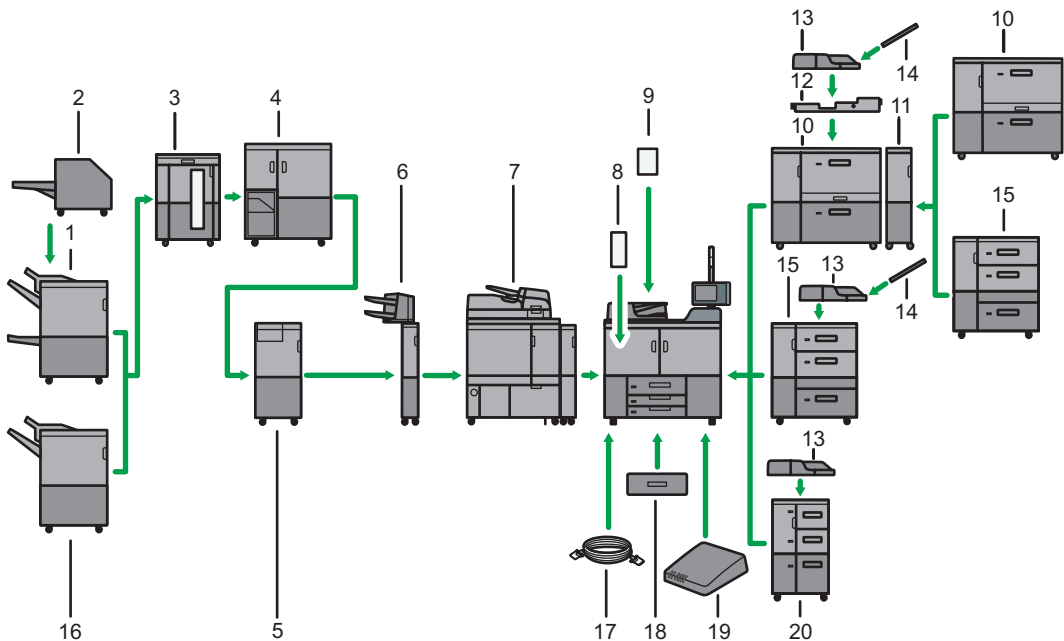
You can use the copy function and scanner function on Type 1, 2, or 3 machines only.

Some options can be installed in Types 1 to 3, Type 4 or 5.

- Types 1 to 3: Copy connector, OCR unit, File format converter, Copy Data Security unit

2

## Guide to Functions of the Machine's External Options



DSD001

### 1. Booklet Finisher SR5060

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies or prints can be punched if the optional punch unit is installed on the finisher.

### 2. Trimmer

Cuts the fore edge of the book block after the book block is saddle stitched.

### 3. High capacity stacker

Consists of the following paper trays:

- Stacker upper tray

- Stacker tray

The stacker upper tray can hold up to 250 sheets of paper, and stacker tray can hold up to 5,000 sheets of paper. You can connect up to two high capacity stackers.

#### 4. Ring binder

Binds sheets of paper with a ring comb.

#### 5. Multi-folding unit

Applies the following folds: Half Fold, Letter Fold-out, Letter Fold-in, Double Parallel Fold, Gate Fold, and Z-fold.

#### 6. Interposer

Inserts cover or slip sheets into copied or printed paper.

#### 7. Perfect binder

Applies adhesive to the spine of gathered pages to bind them in a booklet.

#### 8. Decurl unit

Flattens curls from sheets to prevent paper jams.

#### 9. ADF double-feed detection kit

Detects a double feeding of the original when it is placed in the ADF.

#### 10. Two-tray wide LCT

Holds up to 4,800 sheets of paper. You can load paper whose sizes are up to SRA3 or  $13 \times 19\frac{1}{5}$ . You can connect up to two two-tray wide LCTs.

#### 11. Bridge unit of two-tray wide LCT

Connects a two-tray wide LCT to an additional wide LCT.

#### 12. Multi bypass attachment kit

Attaches the multi bypass tray (Tray 7) to the two-tray wide LCT.

#### 13. Multi bypass tray (Tray 7)

Holds up to 500 sheets of paper.

#### 14. Banner sheet tray of multi bypass tray (Tray 7)

Allows you to load large-sized paper in the multi bypass tray (Tray 7).

#### 15. Three-tray wide LCT

Holds up to 4,000 sheets of paper. You can load paper sizes up to SRA3 or  $13 \times 19\frac{1}{5}$ .

#### 16. Finisher SR5050

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

#### 17. Copy connector

Allows you to use the connect copy function.



**18. A3/11 × 17 tray unit**

You can load A3, 11 × 17 or larger size paper in Tray 1 using this unit. If you install the A3/11 × 17 tray unit on your machine, you cannot use it as a tandem tray.

An indicator on the front left side of the tray lights while paper is feeding.

**19. Interface box**

Allows you to connect extended options to the machine.

**20. LCT**

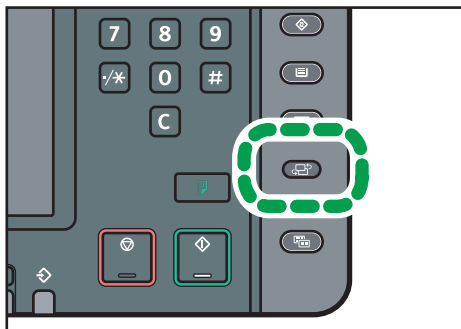
Holds up to 4,550 sheets of paper.

## Changing the Display Language

You can change the language used on the display. English is set as default.

1. Press the [Language] key until the language you want to display appears.

2



CWW225

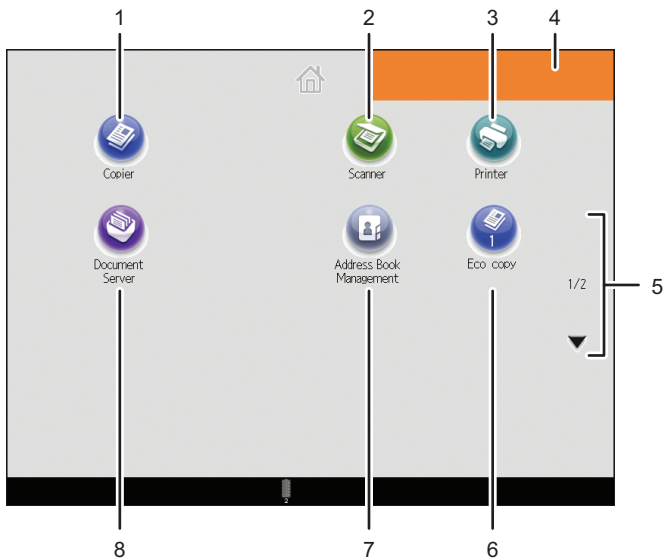
# How to Use the [Home] Screen

You can use the copy function, Document Server function, scanner function, and programs on Type 1, 2, or 3 machines only.

The icons of each function are displayed on the [Home] screen.

You can add shortcuts to frequently used programs to the [Home] screen. The icons of added shortcuts appear on the [Home] screen. The programs can be recalled easily by pressing the shortcut icons.

To display the [Home] screen, press the [Home] key.



DS0229

## 1. [Copier]

Press to make copies.

For details about how to use the copy function, see Copy/ Document Server.

## 2. [Scanner]

Press to scan originals and save images as files.

For details about how to use the scanner function, see Scan.

## 3. [Printer]

Press to make settings for using the machine as a printer.

For details about how to make settings for the printer function, see Print.

## 4. Home screen image

You can display an image on the [Home] screen, such as a corporate logo. To change the image, see "Displaying an Image on the [Home] Screen", Convenient Functions.

## 5. ▲/▼

Press to switch pages when the icons are not displayed on one page.

**6. Shortcut icon**

You can add shortcuts to programs to the [Home] screen. For details about how to register shortcuts, see page 34 "Adding Icons to the [Home] Screen". The program number appears on the bottom of the shortcut icon.

**7. [Address Book Management]**

Press to display the Address Book.

For details about how to use the Address Book, see "Address Book", Connecting the Machine/ System Settings.

**8. [Document Server]**

Press to store or print documents on the machine's hard disk.

For details about how to use the Document Server function, see Copy/ Document Server.

## Adding Icons to the [Home] Screen

You can add shortcuts to programs stored in copier or scanner mode.

You can also review icons of functions and embedded software applications that you deleted from the [Home] screen.

### Note

- Shortcuts to programs stored in Document Server mode cannot be registered to the [Home] screen.
- Shortcut names of up to 32 characters can be displayed in a standard screen. If the name of the shortcut is longer than 32 characters, the 32nd character is replaced with "...". Only 30 characters can be displayed in a simple screen. If the name of the shortcut is longer than 30 characters, the 30th character is replaced with "...".
- For details about how to make a program, see page 37 "Registering Frequently Used Functions".
- For details about the procedure for registering a shortcut using the [Program] screen, see "Registering a Shortcut to a Program to the [Home] Screen", Convenient Functions.
- You can register up to 72 function and shortcut icons. Delete unused icons if the limit is reached. For details, see "Deleting an Icon on the [Home] Screen", Convenient Functions.
- You can change the position of icons. For details, see "Changing the Order of Icons on the [Home] Screen", Convenient Functions.

## Adding icons to the [Home] screen using Web Image Monitor

**1. Start Web Image Monitor.**

For details, see "Using Web Image Monitor", Connecting the Machine/ System Settings.

**2. Log in to Web Image Monitor as an administrator.**

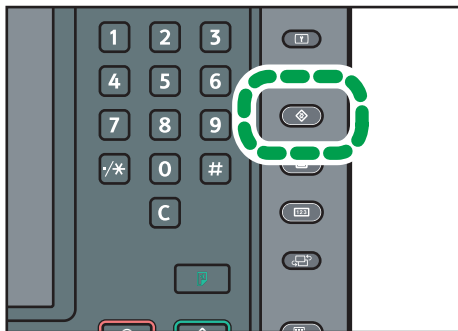
For details, see "Administrator Login Method", Security Guide.

3. Point to [Device Management], and then click [Device Home Management].
4. Click [Edit Icons].
5. Point to [+Icon can be added.] of the position that you want to add, and then click [+ Add].
6. Select the function or shortcut icon you want to add.
7. Click [OK] four times.

## Adding icons to the [Home] screen using the User Tools

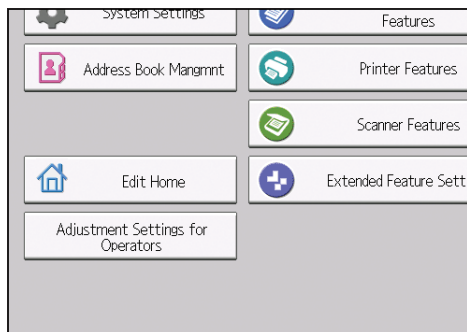
In the following procedure, a shortcut icon is registered to the [Home] screen.

1. Press the [User Tools] key.

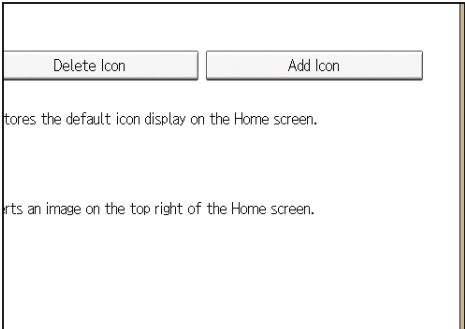


CWW222

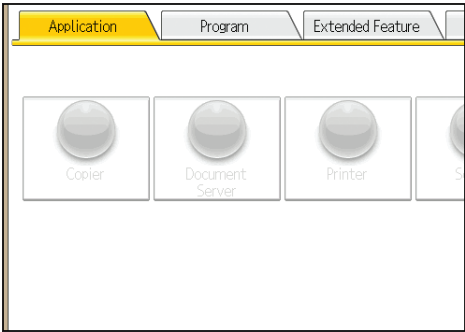
2. Press [Edit Home].



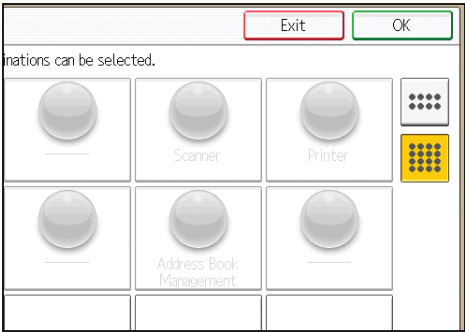
3. Press [Add Icon].



4. Press the [Application] tab.



- 5. Select the application you want to add.
- 6. Specify the position where [Blank] is displayed.
- 7. Press [OK].



8. Press the [User Tools] key.

↓ Note

- Press [User Tools] on the upper-right corner of the screen to check the position on the simple screen.

# Registering Frequently Used Functions

You can use this function on Type 1, 2, or 3 machines only.

## Registering Functions in a Program

Depending on the functions, the number of programs that can be registered is different.

- Copier: 50 programs
- Document Server: 25 programs
- Scanner: 25 programs

The following settings can be registered to programs:

### Copier:

Original type, density, Original Size, Mixed Sizes, Batch, Original Orientation, Reverse Orientation, paper tray, Store File (except for User Name, File Name, and Password), Auto Reduce / Enlarge, Create Margin, Output/ Customize Function/ Finisher, Stamp (except for Change Start No. in Stamp Text), Cover/ Slip Sheet, Edit, Dup./ Combine/ Series, Reduce/ Enlarge, number of copies

### Document Server (on the initial document print screen):

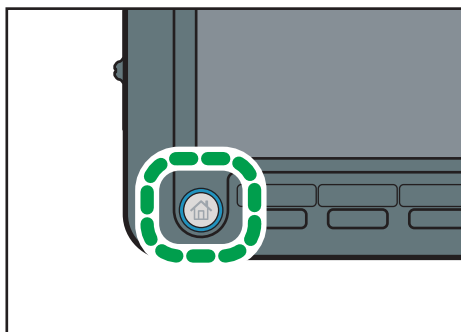
Output/ Finisher, Stamp, Cover/ Slip Sheet, Edit, 2 Sided / Book, number of prints

### Scanner:

Scan Settings, density, Original Feed Type, Send File Type / Name (except for Security Settings and Start No.), Store File (except for User Name, File Name, and Password), Destinations selected from the Address Book, Preview, Text, Subject, Security, Receipt. Notice

This section explains how to register functions in a program using copier function as an example.

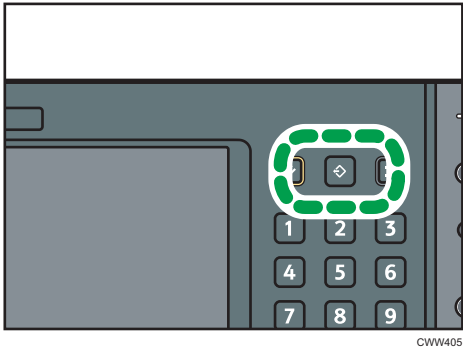
1. Press the [Home] key on the bottom left of the control panel, and press the [Copier] icon on the [Home] screen.



CWW220

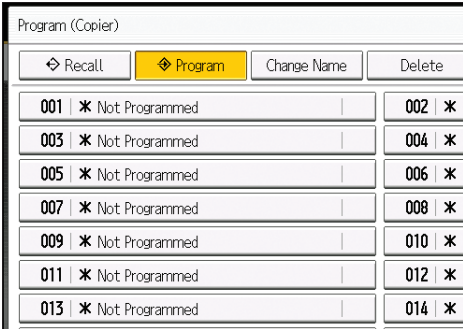
2. Edit the copy settings so all functions you want to store in a program are selected.

3. Press the [Program] key.



4. Press [Program].

5. Press the program number you want to register.



6. Enter the program name.

7. Press [OK].

8. Press [Exit].

**Note**

- You can enter up to 40 characters for a program name.
- When a specified program is registered as the default, its values become the default settings, which are displayed without pressing the [Program] key, when modes are cleared or reset, and after the machine is turned on. See "Changing the Default Functions of the Initial Screen", Convenient Functions .
- When the paper tray you specified in a program is empty and if there is more than one paper tray with the same size paper in it, the paper tray prioritized under [Paper Tray Priority: Copier] will be selected first. For details, see "System Settings", Connecting the Machine/ System Settings .
- Destinations that are registered in the machine's Address Book can be registered to a program of the scanner mode.



- Destinations can be registered to a program of the scanner mode only when [Include Destinations] is selected for [Program Setting for Destinations] in [Scanner Features]. For details about the setting, see "General Settings", Scan .
- Folder destinations that have protection codes cannot be registered to a program of the scanner mode.
- Programs are not deleted by turning the power off or by pressing the [Reset] key unless the program is deleted or overwritten.
- Program numbers with  next to them already have settings made for them.
- Programs can be registered to the [Home] screen, and can be recalled easily. For details, see "Registering a Shortcut to a Program to the [Home] Screen", Convenient Functions  and page 34 "Adding Icons to the [Home] Screen". Shortcuts to programs stored in Document Server mode cannot be registered to the [Home] screen.

## Example of programs

### Copier mode

| Program name             | Program description                                                                                           | Effect                                                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eco copy                 | Specify [Combine 2 Sides] in [Dup./ Combine/ Series].                                                         | You can save paper and toner.                                                                                                                              |
| Dated confidential copy  | In [Stamp], specify [CONFIDENTIAL] under [Preset Stamp], and [Date Stamp].                                    | You can increase security awareness by printing "CONFIDENTIAL" and the date on copies.                                                                     |
| Conference material copy | Specify [Combine 2 Sides] in [Dup./ Combine/ Series] and [Staple] in [Output/ Customize Function/ Finisher].  | You can copy conference materials efficiently.                                                                                                             |
| Magazine copy            | Specify [Magazine] in [Dup./ Combine/ Series] and [Staple: Center] in [Output/ Customize Function/ Finisher]. | You can save paper. Also, you can perform printing jobs such as producing leaflets in-house instead of having them printed by an outside printing company. |
| Unified-size copy        | Specify [Mixed Sizes] and [Auto Reduce / Enlarge].                                                            | You can print various size copies onto one size of paper, so they are easier to manage.                                                                    |

| Program name                                             | Program description                                           | Effect                                                                                                                                              |
|----------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Stamping corporate name copy                             | Specify [User Stamp] in [Stamp].                              | You can stamp the name of your company on copies of working or architectural drawings. Your company name needs to be pre-registered in the machine. |
| Z-folding copy                                           | Specify [Z-fold] in [Output/Customize Function/ Finisher].    | A3 size paper is folded to A4 size. You can print various size copies onto one size of paper, so they are easier to manage.                         |
| Thumbnail copy                                           | Specify [Combine 1 Side] in [Dup./Combine/ Series].           | You can copy up to eight pages onto one side of a sheet, so that you can save paper.                                                                |
| Storage copy:<br>XXXX<br>(replace XXXX by a folder name) | Specify a folder in [Target Folder to Store] in [Store File]. | You can use folders to organize stored files by user name or intended use.                                                                          |

### Scanner mode

| Program name              | Program description                                                                                                                                                                                      | Effect                                                                                             |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Easy PDF scan             | Select [Full Color: Text / Photo] in [Scan Settings]. In [Send File Type / Name], select [PDF] under [File Type] and enter the business details such as "London branch: daily report" under [File Name]. | You can scan documents efficiently.                                                                |
| High compression PDF scan | Select [Full Color: Text / Photo] in [Scan Settings] and [High Compression PDF] in [Send File Type / Name].                                                                                              | You can compress the data size of scanned documents, so that you can send and store them.          |
| Long-term storage scan    | Select [PDF/A] in [Send File Type / Name].                                                                                                                                                               | You can easily digitize documents to "PDF/A" file format, which is suitable for long-term storage. |

| Program name                                             | Program description                                                                                                                                | Effect                                                                                                                                      |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Unified-size scan                                        | In [Scan Settings], select [Mixed Original Sizes] in [Scan Size] and specify the finished size of scanned data in [Reduce / Enlarge] under [Edit]. | You can skip this procedure to unify the size when reprinting scanned data.                                                                 |
| Digital signature scan                                   | In [Send File Type / Name], specify [PDF] in [File Type], and also specify [Digital Signature].                                                    | You can add a digital signature to an important document such as a contract, so that any data tampering can be detected.                    |
| Dividing file scan                                       | Specify [Divide] in [Original Feed Type].                                                                                                          | You can scan a multiple page original as one file by splitting it into groups of a specified number of pages.                               |
| High resolution scan                                     | In [Send File Type / Name], specify TIFF format in [File Type]. Also, specify a higher resolution in [Scan Settings].                              | Scanned documents maintain much of the detail of the originals, but the size of the data may be quite large.                                |
| Batch document scan                                      | Select [Batch] in [Original Feed Type].                                                                                                            | You can apply multiple scans to a large volume of originals and send the scanned originals as a single job.                                 |
| Scan to XXXX<br>(replace XXXX by a destination name)     | Select e-mail or folder destinations from the list that is registered in the machine's Address Book, and then specify the scan settings.           | If you register destinations and scan settings that you use often, you can skip the procedures to specify them when sending a scanned file. |
| Storage scan:<br>XXXX<br>(replace XXXX by a folder name) | Specify a folder in [Target Folder to Store] in [Store File].                                                                                      | You can use folders to organize stored files by user name or intended use.                                                                  |

### Note

- Depending on the options installed, some functions cannot be registered. For details, see "Functions Requiring Optional Configurations", Getting Started .
- The names of programs given above are just examples. You can assign any name to a program according to your objectives.

- Depending on your business details or the type of documents to be scanned, registering a program cannot be recommended.

# Turning On/Off the Power

You can use the ADF and the address list on a Type 1, 2, or 3 machine.

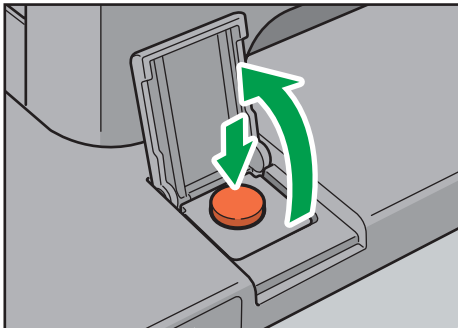
The main power switch is on the top left of the machine. When this switch is turned on, the main power turns on and the main power indicator on the right side of the control panel lights up. When this switch is turned off, the main power turns off and the main power indicator on the right side of the control panel goes out. When this is done, machine power is off.

Confirm how much power the options draw, and then plug them into an outlet that is nearby but separate from the outlet that the main machine is plugged into.

## Turning On the Main Power

1. Make sure the power cord is firmly plugged into the wall outlet.
2. Open the main power switch cover, and push the main power switch.

The main power indicator goes on.



CWW213

## Turning Off the Main Power

### ⚠ CAUTION

- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.

### ★ Important

- Do not turn off the power while the machine is in operation.
- Do not hold down the main power switch while turning off the main power. Doing so forcibly turns off the machine's power and may damage the hard disk or memory and cause malfunctions.

### **1. Open the main power switch cover, and then push the main power switch.**

The main power indicator goes out. The main power turns off automatically when the machine shuts down. If the screen on the control panel does not disappear, contact your service representative.

# Logging In the Machine

## When the Authentication Screen is Displayed

If Basic Authentication, Windows Authentication, LDAP Authentication, or Integration Server Authentication is active, the authentication screen appears on the display. The machine only becomes operable after entering your own Login User Name and Login Password. If User Code Authentication is active, you cannot use the machine until you enter the User Code.

If you can use the machine, you can say that you are logged in. When you go out of the operable state, you can say that you are logged out. After logging in the machine, be sure to log out of it to prevent unauthorized usage.

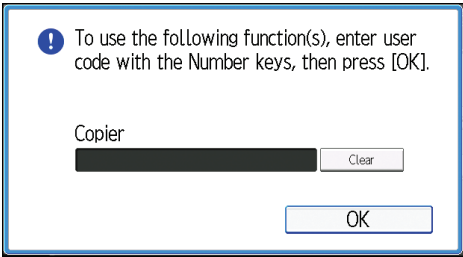
### ★ Important

- Ask the user administrator for the Login User Name, Login Password, and User Code. For details about user authentication, see "Configuring User Authentication", Security Guide ⑧.
- User Code to enter on User Code Authentication is the numerical value registered in the Address Book as "User Code".

## User Code Authentication Using the Control Panel

If User Code Authentication is active, a screen prompting you to enter a User Code appears.

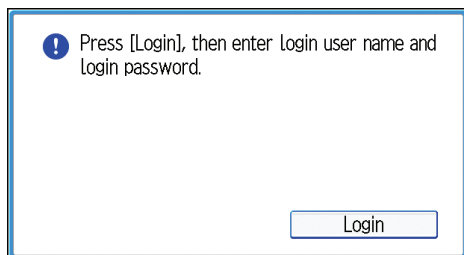
1. Enter a User Code (up to eight digits), and then press [OK].



## Logging In Using the Control Panel

This section explains the procedure for logging in to the machine when Basic Authentication, Windows Authentication, LDAP Authentication, or Integration Server Authentication is set.

### 1. Press [Login].



### 2. Enter a Login User Name, and then press [OK].

### 3. Enter a Login Password, and then press [OK].

When the user is authenticated, the screen for the function you are using appears.

## Logging Out Using the Control Panel

This section explains the procedure for logging out the machine when Basic Authentication, Windows Authentication, LDAP Authentication, or Integration Server Authentication is set.

### ★ Important

- To prevent use of the machine by unauthorized persons, always log out when you have finished using the machine.

### 1. Press the [Login/Logout] key.



CWW226

### 2. Press [Yes].



# Placing Originals

You can place originals on a Type 1, 2, or 3 machine.

## Placing Originals on the Exposure Glass

2

### CAUTION

- Keep your hands away from the hinges and exposure glass when lowering the ADF. Not doing so may result in an injury if your hands or fingers are pinched.

### Important

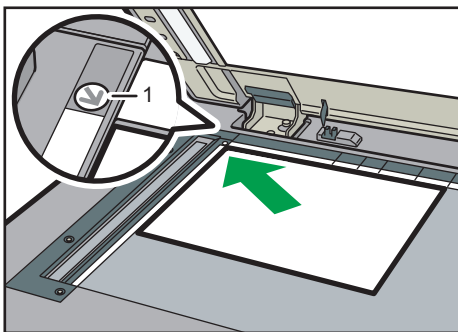
- Do not lift the ADF forcefully. Otherwise, the cover of the ADF might open or be damaged.

#### 1. Lift the ADF.

Be sure to lift the ADF by more than 30 degrees. Otherwise, the size of the original might not be detected correctly.

#### 2. Place the original face down on the exposure glass. The original should be aligned to the rear left corner.

Start with the first page to be scanned.



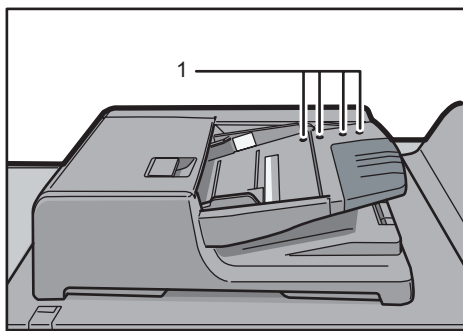
CWW353

#### 1. Positioning mark

#### 3. Lower the ADF.

## Placing Originals in the Auto Document Feeder

Be sure not to block the sensor or load the original untidily. Doing so may cause the machine to detect the size of the original incorrectly or display a paper misfeed message. Also, be sure not to place originals or other objects on the top cover. Doing so may cause a malfunction.



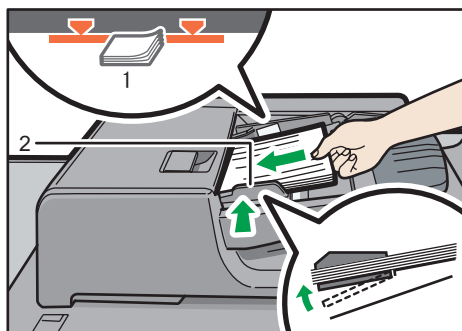
CWW355

### 1. Sensors

1. Adjust the original guide to the original size.
2. Place the aligned originals squarely face up in the ADF.

Do not stack originals beyond the limit mark.

The first page should be on the top.



CWW356

1. Limit mark
2. Original guide

# 3. Copy

This chapter describes frequently used copier functions and operations. For the information not included in this chapter, see Copy/ Document Server  on the supplied CD-ROM.

You can use this function on Type 1, 2, or 3 machines only.

## Basic Procedure

To make copies of originals, place them on the exposure glass or in the ADF.

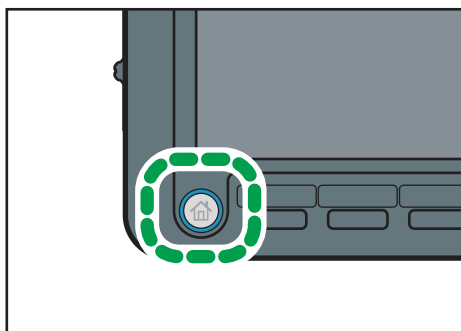
When placing the original on the exposure glass, start with the first page to be copied. When placing the original in the ADF, place them so that the first page is on the top.

For details about placing the original on the exposure glass, see page 47 "Placing Originals on the Exposure Glass".

For details about placing the original in the ADF, see page 47 "Placing Originals in the Auto Document Feeder".

To copy onto paper other than plain paper, specify the paper type in [Tray Paper Settings] according to the weight of the paper you are using. For details, see "Changing Tray Paper Settings", Paper Settings .

1. Press the [Home] key on the bottom left of the control panel, and press the [Copier] icon on the [Home] screen.



CWW220

2. Make sure that no previous settings remain.

When there are previous settings remaining, press the [Reset] key.

3. Place the originals.

4. Make desired settings.

5. Enter the number of copies with the number keys.

The maximum copy quantity that can be entered is 9999.

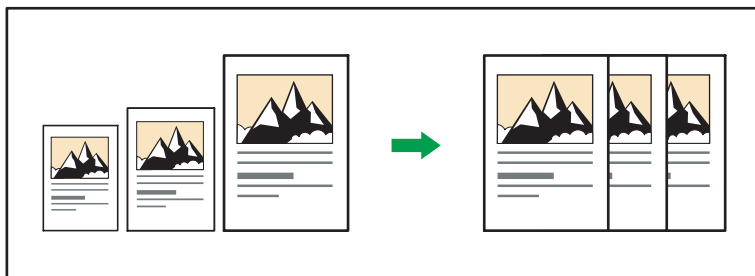
**6. Press the [Start] key.**

When placing the original on the exposure glass, press the [#] key after all originals are scanned. Some functions such as Batch mode may require that you press the [#] key when placing originals in the ADF. Follow the messages that appear on screen.

**7. When the copy job is finished, press the [Reset] key to clear the settings.**

## Auto Reduce / Enlarge

The machine automatically detects the original size and then selects an appropriate reproduction ratio based on the paper size you select.



CKN008

### ★ Important

- If you select a reproduction ratio after pressing [Auto Reduce / Enlarge], [Auto Reduce / Enlarge] is canceled and the image cannot be rotated automatically.

This is useful to copy different size originals to the same size paper.

If the orientation in which your original is placed is different from that of the paper you are copying onto, the machine rotates the original image by 90 degrees and fits it on the copy paper (Rotate Copy). For example, to reduce A3 ( $11 \times 17$ ) $\square$  originals to fit onto A4 ( $8\frac{1}{2} \times 11$ ) $\square$  paper, select a paper tray containing A4 ( $8\frac{1}{2} \times 11$ ) $\square$  paper, and then press [Auto Reduce / Enlarge]. The image is automatically rotated. For details about Rotate Copy, see "Rotate Copy", Copy/ Document Server .

The original sizes and orientations you can use with this function are as follows:

### Region A (mainly Europe)

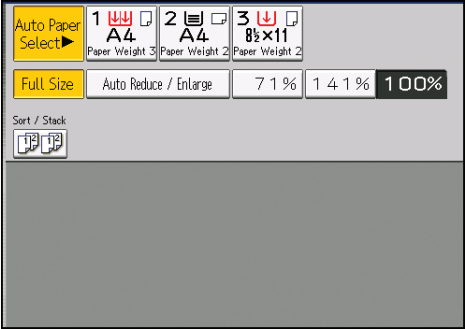
| Original location | Original size and orientation                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure glass    | A3 $\square$ , B4 JIS $\square$ , A4 $\square$ , B5 JIS $\square$ , A5 $\square$ , $8\frac{1}{2} \times 14$ $\square$ , $8\frac{1}{2} \times 13$ $\square$                                               |
| ADF               | A3 $\square$ , B4 JIS $\square$ , A4 $\square$ , B5 JIS $\square$ , A5 $\square$ , B6 JIS $\square$ , $11 \times 17$ $\square$ , $8\frac{1}{2} \times 11$ $\square$ , $8\frac{1}{2} \times 13$ $\square$ |

### Region B (mainly North America)

| Original location | Original size and orientation                                                                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure glass    | $11 \times 17$ $\square$ , $8\frac{1}{2} \times 14$ $\square$ , $8\frac{1}{2} \times 13\frac{2}{5}$ $\square$ , $8\frac{1}{2} \times 11$ $\square$ , $5\frac{1}{2} \times 8\frac{1}{2}$ $\square$ |

| Original location | Original size and orientation                                                                                                                                                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ADF               | 11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 14□, 8 <sup>1</sup> / <sub>2</sub> × 11□, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □<br>□, 10 × 14□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, A3□, A4□ |

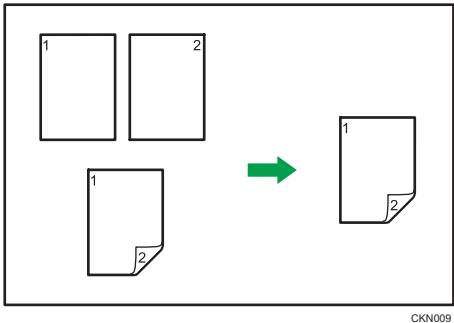
1. Press [Auto Reduce / Enlarge].



2. Select the paper size.
3. Place the originals, and then press the [Start] key.

# Duplex Copying

Copies two 1-sided pages or one 2-sided page onto a 2-sided page. During copying, the image is shifted to allow for the binding margin.



CKN009

There are two types of Duplex.

**1 Sided → 2 Sided**

Copies two 1-sided pages on one 2-sided page.

**2 Sided → 2 Sided**

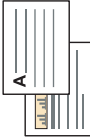
Copies one 2-sided page on one 2-sided page.

The resulting copy image will differ according to the orientation in which you place your originals (☐ or ☐).

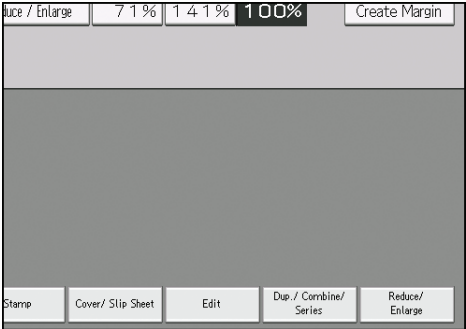
**Original orientation and completed copies**

To copy on both sides of the paper, select the original and copy orientation according to how you want the printout to appear.

| Original | Placing originals | Original Orientation | Orientation   | Copy |
|----------|-------------------|----------------------|---------------|------|
|          |                   |                      | Top to Top    |      |
|          |                   |                      | Top to Bottom |      |

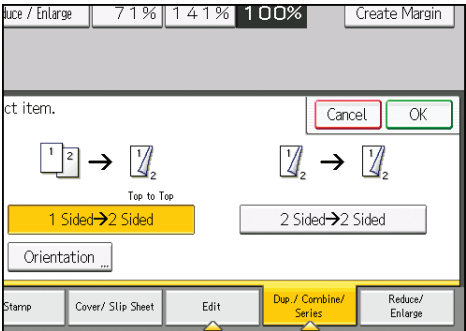
| Original                                                                          | Placing originals                                                                 | Original Orientation                                                              | Orientation   | Copy                                                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|
|  |  |  | Top to Top    |  |
|  |  |  | Top to Bottom |  |

1. Press [Dup./ Combine/ Series].



2. Make sure that [Duplex] is selected. If [Duplex] is not selected, press [Duplex].
3. Select [1 Sided → 2 Sided] or [2 Sided → 2 Sided] according to how you want the document to be output.

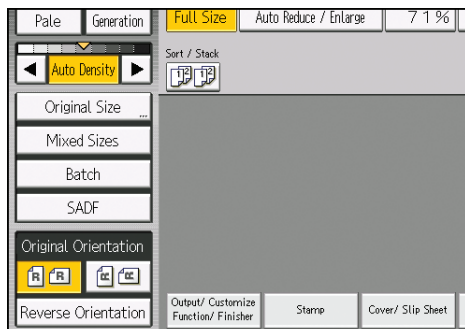
To change the original or copy orientation, press [Orientation].



4. Press [OK].
5. Place the originals.



## 6. Select the original orientation.

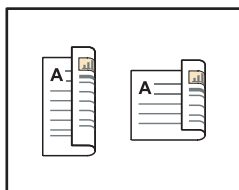


## 7. Press the [Start] key.

## Specifying the Original and Copy Orientation

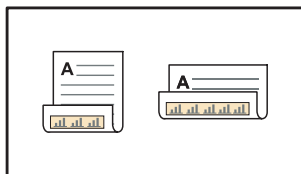
Select the orientation of the originals and copies if the original is two-sided or if you want to copy onto both sides of the paper.

- Top to Top



CKN011

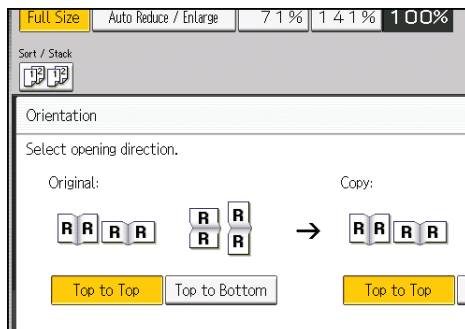
- Top to Bottom



CKN012

## 1. Press [Orientation].

2. Select [Top to Top] or [Top to Bottom] for [Original:] if the original is two-sided.



3. Select [Top to Top] or [Top to Bottom] for [Copy:].
4. Press [OK].

# Combined Copying

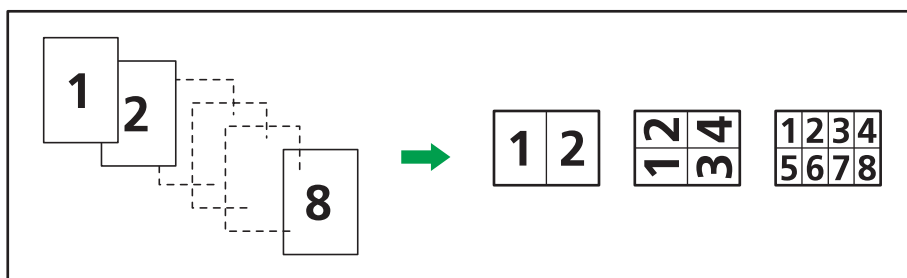
This mode can be used to select a reproduction ratio automatically and copy the originals onto a single sheet of copy paper.

The machine selects a reproduction ratio between 25 and 400%. If the orientation of the original is different from that of the copy paper, the machine will automatically rotate the image by 90 degrees to make copies properly.

## Orientation of the original and image position of Combine

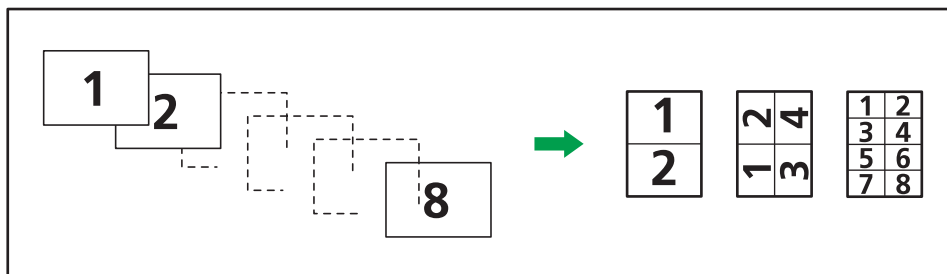
The image position of Combine differs according to original orientation and the number of originals to be combined.

- Portrait (📄) originals



CKN015

- Landscape (📄) originals

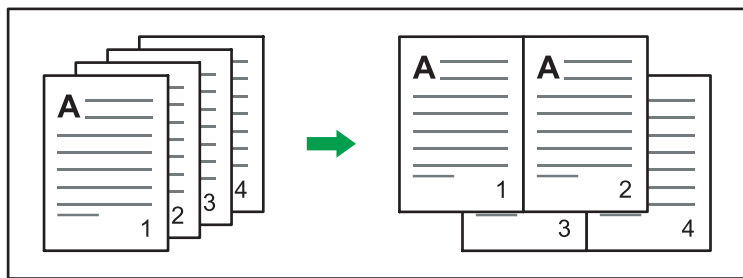


CKN016

## Placing originals (originals placed in the ADF)

The default value for the copy order in the Combine function is [From Left to Right]. To copy originals from right to left in the ADF, place them upside down.

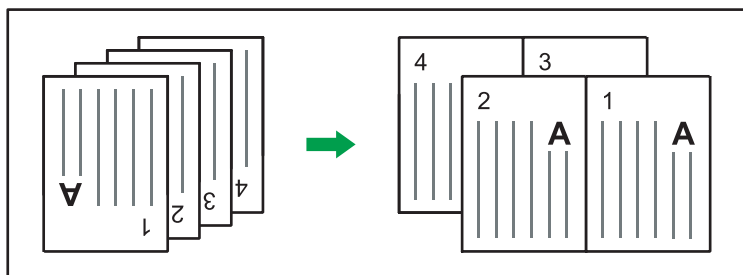
- Originals read from left to right



CKN010

3

- Originals read from right to left



CKN017

## One-Sided Combine

Combine several pages onto one side of a sheet.



CKN014

There are six types of One-Sided Combine.

### 1 Sided 2 Originals → Combine 1 Side

Copies two 1-sided originals to one side of a sheet.

### 1 Sided 4 Originals → Combine 1 Side

Copies four 1-sided originals to one side of a sheet.

### 1 Sided 8 Originals → Combine 1 Side

Copies eight 1-sided originals to one side of a sheet.

### 2 Sided 2 Pages → Combine 1 Side

Copies one 2-sided original to one side of a sheet.

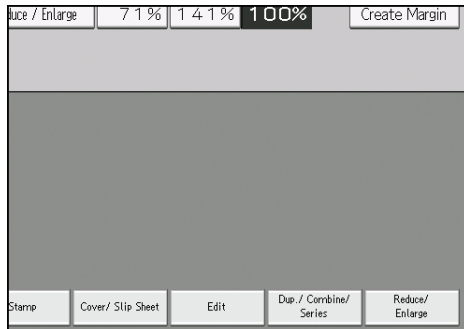
## 2 Sided 4 Pages → Combine 1 Side

Copies two 2-sided originals to one side of a sheet.

## 2 Sided 8 Pages → Combine 1 Side

Copies four 2-sided originals to one side of a sheet.

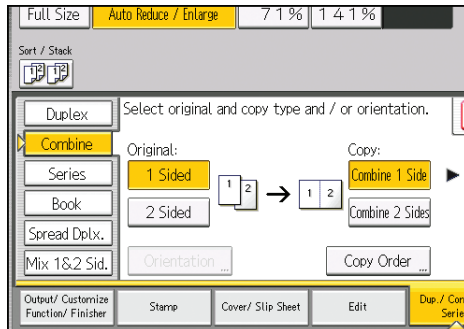
### 1. Press [Dup./ Combine/ Series].



### 2. Press [Combine].

### 3. Select [1 Sided] or [2 Sided] for [Original:].

If you selected [2 Sided], you can change the orientation.



### 4. Press [Combine 1 Side].

### 5. Select the number of originals to combine.

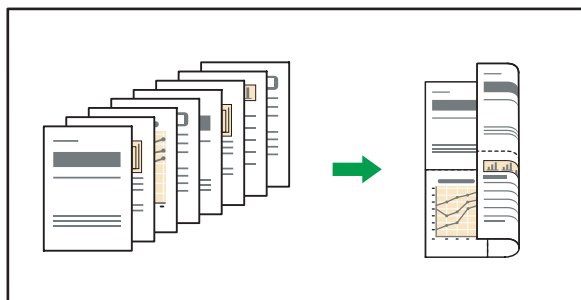
### 6. Press [OK].

### 7. Select the paper size.

### 8. Place the originals, and then press the [Start] key.

## Two-Sided Combine

Combines various pages of originals onto two sides of one sheet.



CKN074

3

There are six types of Two-Sided Combine.

### 1 Sided 4 Originals → Combine 2 Sides

Copies four 1-sided originals to one sheet with two pages per side.

### 1 Sided 8 Originals → Combine 2 Sides

Copies eight 1-sided originals to one sheet with four pages per side.

### 1 Sided 16 Originals → Combine 2 Sides

Copies 16 1-sided originals to one sheet with eight pages per side.

### 2 Sided 4 Pages → Combine 2 Sides

Copies two 2-sided originals to one sheet with two pages per side.

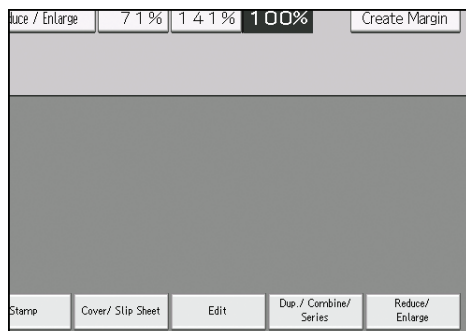
### 2 Sided 8 Pages → Combine 2 Sides

Copies four 2-sided originals to one sheet with four pages per side.

### 2 Sided 16 Pages → Combine 2 Sides

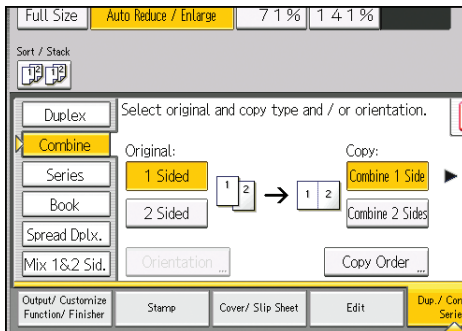
Copies eight 2-sided originals to one sheet with eight pages per side.

#### 1. Press [Dup./ Combine/ Series].



#### 2. Press [Combine].

### 3. Select [1 Sided] or [2 Sided] for [Original:].



### 4. Press [Combine 2 Sides].

### 5. Press [Orientation].

### 6. Select [Top to Top] or [Top to Bottom] for [Original:] and/or [Copy:], and then press [OK].

### 7. Select the number of originals to combine.

### 8. Press [OK].

### 9. Select the paper size.

### 10. Place the originals, and then press the [Start] key.

## Copying onto Custom Size Paper from the Multi Bypass Tray (Tray 7)

Sizes of paper that can be fed from the multi bypass tray (Tray 7) are as follows:

- When the banner sheet tray of multi bypass tray (Tray 7) is installed:

Horizontal length: 139.7–487.7 mm (5.50–19.20 inches), vertical length: 100.0–330.2 mm (3.94–13.00 inches)

Horizontal length: 487.7–700.0 mm (19.20–27.55 inches), vertical length: 210.0–330.2 mm (8.27–13.00 inches)

- When the banner sheet tray of multi bypass tray (Tray 7) is not installed:

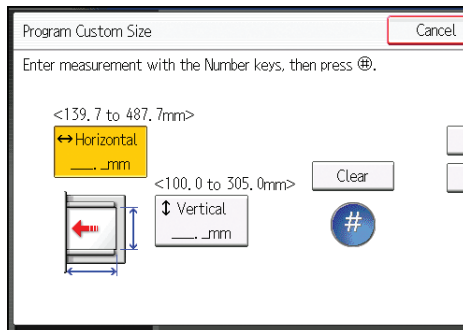
Horizontal length: 139.7–487.7 mm (5.50–19.20 inches), vertical length: 100.0–330.2 mm (3.94–13.00 inches)

Note however that the limitation on the horizontal and vertical length range will vary depending on which options are installed.

- When prints are delivered to the shift tray of the finisher or the stacker tray:

Horizontal length: 139.7–487.7 mm (5.50–19.20 inches), vertical length: 139.7–330.2 mm (5.50–13.00 inches)

1. Load the paper face up in the multi bypass tray (Tray 7).
2. Press [Tray 7].
3. Press [Paper Size].
4. Press [Program Custom Size].
5. Enter the horizontal size with the number keys, and then press [#].



6. Enter the vertical size with the number keys, and then press [#].
7. Press [OK] twice.
8. Place the originals, and then press the [Start] key.



# Copying onto Envelopes

This section describes how to copy onto regular size and custom size envelopes. Place the original on the exposure glass and place the envelope in the multi bypass tray (Tray 7) or wide LCT.

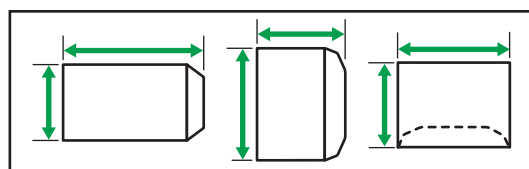
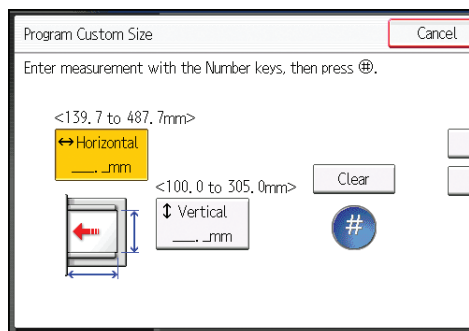
Specify the thickness of the paper according to the weight of the envelopes you are printing on. For details about the relationship between paper weight and paper thickness and the sizes of envelopes that can be used, see page 120 "Recommended Paper Sizes and Types".

For details about handling envelopes, supported envelope types, and how to load envelopes, see page 147 "Envelopes".

## ★ Important

- **The Duplex function cannot be used with envelopes. If the Duplex function is specified, cancel the setting.**

To copy onto custom size envelopes, you must specify the envelope's dimensions. Specify the horizontal and vertical length of the envelope.



CWR081

↔: Horizontal

↑↓: Vertical

Be sure to include the fully open flap in the horizontal dimension.

## Copying onto Envelopes from the Multi Bypass Tray (Tray 7)

1. Load the envelopes face up in the multi bypass tray (Tray 7).
2. Press [Tray 7].
3. Press [Paper Size].

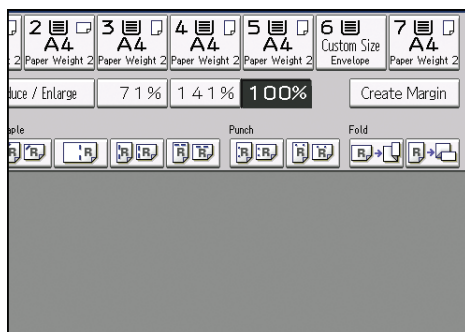
4. Specify the envelope size, and then press [OK].
5. Press [Special Paper].
6. Select [Envelope], and then press [OK].
7. Place the originals, and then press the [Start] key.

## Copying onto Envelopes from the Wide Large Capacity Tray

### 3

Before using this function, specify the paper size and type under [Tray Paper Settings]. For the paper type, select [Envelope]. For details, see "Changing Tray Paper Settings", Paper Settings .

1. Select the paper tray where the envelopes are loaded.



2. Place the originals, and then press the [Start] key.

# Sort

The machine assembles copies as sets in sequential order.

## Sort/Shift Sort

Copies are assembled as sets in sequential order.

To use Shift Sort, a finisher or high capacity stacker is required. Each time the copies of one set or a job are delivered, the next copy is shifted to separate each set or job.



CKN018

1. Select the Sort function (  ) under [Sort / Stack].



2. Enter the number of copy sets using the number keys.
3. Place the originals.

To confirm the type of finishing, press the [Sample Copy] key.

4. Press the [Start] key.

## Changing the Number of Sets

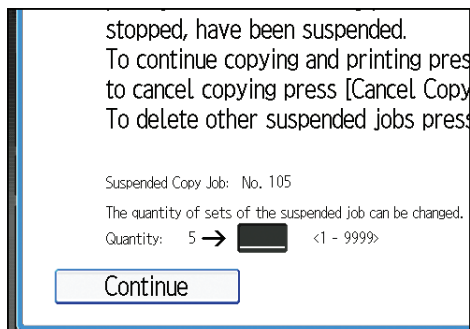
You can change the number of copy sets during copying.

### ★ Important

- This function can be used only when the Sort function is selected.

1. While "Copying..." is displayed, press the [Stop] key.

**2. Enter the number of copy sets with the number keys.**



**3. Press [Continue].**

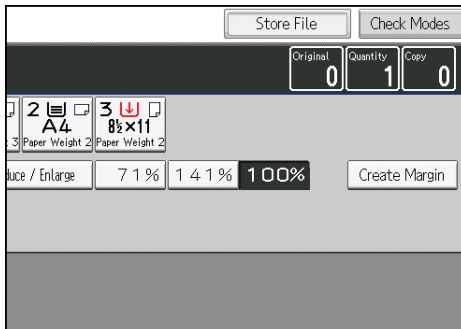
Copying starts again.

# Storing Data in the Document Server

The Document Server enables you to store documents being read with the copy feature on the hard disk of this machine. Thus you can print them later applying necessary conditions.

You can check the stored documents on the Document Server screen. For details about the Document Server, see page 95 "Storing Data".

## 1. Press [Store File].



2. Enter a file name, user name, or password if necessary.
3. Specify a folder in which to store the document if necessary.
4. Press [OK].
5. Place the originals.
6. Make the scanning settings for the original.
7. Press the [Start] key.

Stores scanned originals in memory and makes one set of copies. If you want to store another document, do so after copying is complete.



## 4. Print

This chapter describes frequently used printer functions and operations. For the information not included in this chapter, see Print  on the supplied CD-ROM.

### Quick Install

You can install the printer drivers easily from the CD-ROM provided with this machine.

Using Quick Install, the PCL 6 printer driver is installed under network environment, and the Standard TCP/IP port will be set.

#### Important

- **Manage Printers permission is required to install the drivers. Log on as an Administrators group member.**

1. Click [Quick Install] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
3. Click [Next >].
4. Select the machine model you want to use in the [Select Printer] dialog box.
5. Click [Install].
6. When the port setting screen appears, specify a port.
7. Configure the user code, default printer, and shared printer as necessary.
8. Click [Continue].

The installation starts.

9. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

10. Click [Exit] in the first window of the installer, and then take out the CD-ROM.

## Displaying the Printer Driver Properties

This section explains how to open the printer driver properties from [Devices and Printers].

### ★ Important

- **Manage Printers permission is required to change the printer settings. Log on as an Administrators group member.**
- **You cannot change the machine default settings for individual users. Settings made in the printer properties dialog box are applied to all users.**

1. On the [Start] menu, click [Devices and Printers].
2. Right-click the icon of the printer you want to use.
3. Click [Printer properties].



# Standard Printing

## ★ Important

- The default setting is 2 sided printing. If you want to print on only one side, select [Off] for the 2 sided printing setting.
- If you send a print job via USB 2.0 while the machine is in Low Power mode or Sleep mode, an error message might appear when the print job is complete. In this case, check if the document was printed.

## When Using the PCL 6 Printer Driver

1. Click the WordPad menu button in the upper left corner of the window, and then click [Print].
2. In the [Select Printer] list, select the printer you want to use.
3. Click [Preferences].
4. Select the [Frequently Used Settings] tab.
5. In the "Job Type:" list, select [Normal Print].
6. In the "Document Size:" list, select the size of the original to be printed.
7. In the "Orientation" list, select [Portrait] or [Landscape] as the orientation of the original.
8. In the "Input Tray:" list, select the paper tray that contains the paper you want to print onto.

If you select [Auto Tray Select] in the "Input Tray:" list, the source tray is automatically selected according to the paper size and type specified.

9. In the "Paper Type:" list, select the type of paper that is loaded in the paper tray.
10. If you want to print multiple copies, specify a number of sets in the "Copies:" box.
11. Click [OK].
12. Start printing from the application's [Print] dialog box.

# Printing on Both Sides of Sheets

This section explains how to print on both sides of each page using the printer driver.

★ Important

- The types of paper that can be printed on both sides are as follows:
  - Plain, Recycled, Color 1, Color 2, Letterhead, Preprinted, Prepunched, Yellow, Green, Blue, Purple, Ivory, Orange, Pink, Red, Gray, Bond, Cardstock, Coated (Glossy), Coated (Matted)

## When Using the PCL 6 Printer Driver

4

1. Click the WordPad menu button in the upper left corner of the window, and then click [Print].
2. In the [Select Printer] list, select the printer you want to use.
3. Click [Preferences].
4. Select the [Frequently Used Settings] tab.

You can also click the [Detailed Settings] tab, and then click [2 Sided/Layout/Booklet] in the "Menu:" box.
5. Select the method for binding the output pages in the "2 sided:" list.
6. Change any other print settings if necessary.
7. Click [OK].
8. Start printing from the application's [Print] dialog box.

## Types of 2 sided Printing

You can select which way the bound pages open by specifying which edge to bind.

| Orientation | Open to Left                                                                        | Open to Top                                                                           |
|-------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Portrait    |  |  |
| Landscape   |  |   |

# Combining Multiple Pages into Single Page

This section explains how to print multiple pages onto a single sheet. The combine printing function allows you to economize on paper by printing multiple sheets at reduced size onto a single sheet.

## When Using the PCL 6 Printer Driver

1. Click the WordPad menu button in the upper left corner of the window, and then click [Print].
2. In the [Select Printer] list, select the printer you want to use.
3. Click [Preferences].
4. Click the [Frequently Used Settings] tab.

You can also click the [Detailed Settings] tab, and then click [2 Sided/Layout/Booklet] in the "Menu:" box.

5. Select the combination pattern in the "Layout:" list, and then specify the method for combining pages in the "Page Order:" list.

To draw a border line around each page, select the [Draw Frame Border] check box in [2 Sided/Layout/Booklet] in the [Detailed Settings] tab.

6. Change any other print settings if necessary.
7. Click [OK].
8. Start printing from the application's [Print] dialog box.

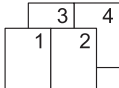
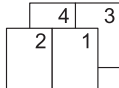
4

## Types of Combine Printing

This function allows you to print 2, 4, 6, 9, or 16 pages at reduced size onto a single sheet and to specify a page ordering pattern for the combination. When combining 4 or more pages onto a single sheet of paper, four patterns are available.

The following illustrations show example page ordering patterns for 2- and 4-page combinations.

### 2 Pages per Sheet

| Orientation | From Left to Right/Top to Bottom                                                    | From Right to Left/Top to Bottom                                                     |
|-------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Portrait    |  |  |

| Orientation | From Left to Right/Top to Bottom                            | From Right to Left/Top to Bottom                            |
|-------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Landscape   | <div><div>3</div><div>1</div><div>4</div><div>2</div></div> | <div><div>3</div><div>1</div><div>4</div><div>2</div></div> |

4 Pages per Sheet

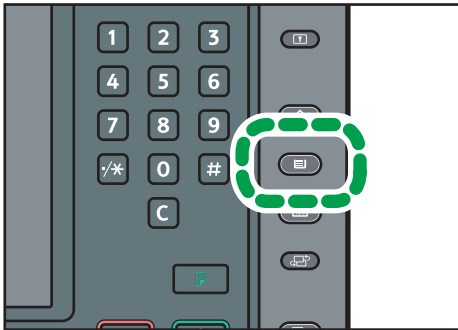
| Right, then Down                      | Down, then Right                      | Left, then Down                       | Down, then Left                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| <div><div>12</div><div>34</div></div> | <div><div>13</div><div>24</div></div> | <div><div>21</div><div>43</div></div> | <div><div>31</div><div>42</div></div> |

# Printing on Envelopes

Configure the paper settings appropriately using both the printer driver and the control panel.

## Configuring Envelope Settings Using the Control Panel

1. Load envelopes in the paper tray.
2. Press the [Paper Setting] key.



4

3. Select the paper tray in which the envelopes are loaded.
4. Press [Manual Paper Settings].
5. Press [Envelope] in the "Paper Type" area, and then select the appropriate item in the "Paper Thickness" area.
6. Press the [Paper Size] tab.
7. Select the envelope size, and then press [OK].
8. Press [OK].
9. Press the [Paper Setting] key.

## Printing on Envelopes Using the Printer Driver

### When using the PCL 6 printer driver

1. Click the WordPad menu button in the upper left corner of the window, and then click [Print].
2. In the [Select Printer] list, select the printer you want to use.
3. Click [Preferences].
4. Select the [Frequently Used Settings] tab.

5. In the "Document Size:" list, select the envelope size.
6. In the "Input Tray:" list, select the paper tray where the envelopes are loaded.
7. In the "Paper Type:" list, select [Envelope].
8. Change any other print settings if necessary.
9. Click [OK].
10. Start printing from the application's [Print] dialog box.

# Saving and Printing Using the Document Server

The Document Server enables you to store documents on the machine's hard disk, and allows you to edit and print them as necessary.

You can use this function on Type 1, 2, or 3 machines only.

## ★ Important

- Applications with their own drivers, such as PageMaker, do not support this function.
- Do not cancel the file transfer process while the data is being sent to the Document Server. The process may not be canceled properly. If you accidentally cancel a print job, use the control panel of the machine to delete the transferred data. For details about how to delete documents that are stored in the Document Server, see "Deleting Stored Documents", Copy/ Document Server , or Web Image Monitor Help.
- Up to 3,000 files can be stored in the Document Server. New files cannot be stored when 3,000 files have already been stored. Even if less than 3,000 files are stored, new files cannot be stored when
  - The number of pages in a document exceeds 15,000.
  - The total number of stored pages in the machine and the sent data has reached 15,000 (It may be fewer depending on the print data).
  - The hard disk is full.

You can send data created on a client computer to the Document Server.

## Storing Documents in Document Server

## ★ Important

- If the machine is not used as the Document Server, the maximum number of the documents that can be stored in the server may be less than the number described in the specification.
1. Click the WordPad menu button in the upper left corner of the window, and then click [Print].
  2. In the "Select Printer" list, select the printer you want to use.
  3. Click [Preferences].
  4. In the "Job Type:" list, click [Document Server].
  5. Click [Details...].
  6. Enter a user ID, file name, password, and user name as required.

**7. Specify the folder number to store the document in the "Folder Number" box.**

When "0" is specified in the "Folder Number:" box, documents will be saved in the Shared folder.

**8. If the folder is protected by a password, enter the password in the "Folder Password:" box.**

**9. Click [OK].**

**10. Change any other print settings if necessary.**

**11. Click [OK].**

**12. Start printing from the application's [Print] dialog box.**

**Note**

- You can print the documents stored in the Document Server using the control panel. For details, see page 97 "Printing Stored Documents".

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## Managing Documents Stored in Document Server

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If this machine is configured as a network printer using TCP/IP, you can view or delete the documents stored in the machine's Document Server using DeskTopBinder or Web Image Monitor from a client computer connected to the network. You can print and operate this machine remotely without operating the control panel.



## 5. Scan

This chapter describes frequently used scanner functions and operations. For the information not included in this chapter, see Scan ⑧ on the supplied CD-ROM.

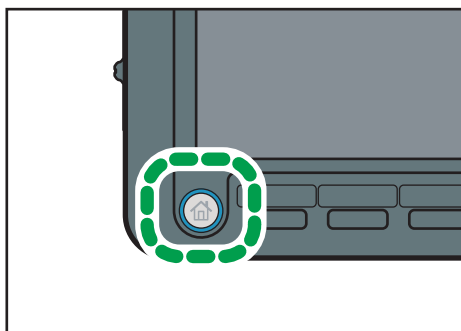
You can use this function on Type 1, 2, or 3 machines only.

### Basic Procedure When Using Scan to Folder

#### ★ Important

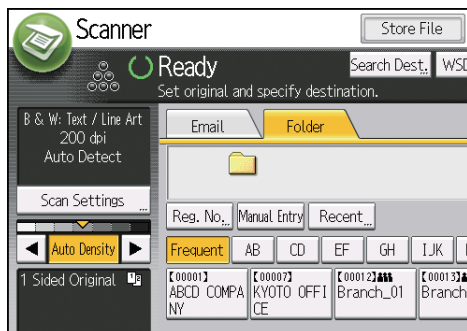
- Before performing this procedure, refer to "Preparation for Sending by Scan to Folder", Scan ⑧ and confirm the details of the destination computer. Also refer to "Registering Folders", Connecting the Machine/ System Settings ⑨, and register the address of the destination computer to the address book.

1. Press the [Home] key on the lower left of the control panel, and press the [Scanner] icon on the [Home] screen.



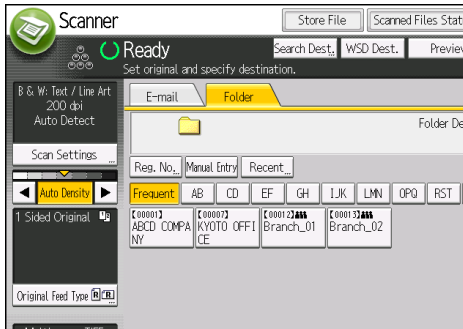
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2. Make sure that no previous settings remain.  
If a previous setting remains, press the [Reset] key.
3. Press the [Folder] tab.



4. Place originals.

## 5. If necessary, specify the scan settings according to the original to be scanned.



Example: Scanning the document in color/duplex mode, and saving as a PDF file.

- Press [Scan Settings], [Full Color: Text / Photo] in the [Original Type] tab, and then press [OK].
- Press [Original Feed Type], [2 Sided Original], and then press [OK].
- Press [PDF] under [Send File Type / Name], and then press [OK].

## 6. Specify the destination.

You can specify multiple destinations.

## 7. Press the [Start] key.

# Creating a Shared Folder on a Computer Running Windows/Confirming a Computer's Information

The following procedures explain how to create a shared folder on a computer running Windows, and how to confirm the computer's information. In these examples, Windows 7 is the operating system, and the computer is a member in a network domain. Write down the confirmed information.

## Step 1: Confirming the user name and computer name

Confirm the user name and the name of the computer you will send scanned documents to.

1. On the [Start] menu, point to [All Programs], then [Accessories], and then click on [Command Prompt].
2. Enter the command "ipconfig/all", and then press the [Enter] key.
3. Confirm the name of the computer.

The computer's name is displayed under [Host Name].

You can also confirm the IPv4 address. The address displayed under [IPv4 Address] is the IPv4 address of the computer.

4. Next, enter the command "set user", and then press the [Enter] key. (Be sure to put a space between "set" and "user".)

5. Confirm the user name.

The user name is displayed under [USERNAME].

## Step 2: Creating a shared folder on a computer running Microsoft Windows

Create a shared destination folder in Windows and enable sharing. In the following procedure, a computer which is running under Windows 7 and participating in a domain is used as an example.

### ★ Important

- You must log in as an Administrators group member to create a shared folder.
- If "Everyone" is left selected in step 6, the created shared folder will be accessible by all users. This is a security risk, so we recommend that you give access rights only to specific users. Use the following procedure to remove "Everyone" and specify user access rights.
- Disable the simple file sharing setting before creating a shared folder.

1. Create a folder, just as you would create a normal folder, in a location of your choice on the computer.
2. Right-click the folder, and then click [Properties].
3. On the [Sharing] tab, select [Advanced Sharing...].
4. Select the [Share this folder] check box.
5. Click [Permissions].
6. In the [Group or user names:] list, select "Everyone", and then click [Remove].
7. Click [Add...].
8. In the [Select Users or Groups] window, click [Advanced...].
9. Specify one or more object types, select a location, and then click [Find Now].
10. From the list of results, select the groups and users you want to grant access to, and then click [OK].
11. In the [Select Users or Groups] window, click [OK].
12. In the [Groups or user names:] list, select a group or user, and then, in the [Allow] column of the permissions list, select either the [Full Control] or [Change] check box.

Configure the access permissions for each group and user.

13. Click [OK].

### Step 3: Specifying access privileges for the created shared folder

If you want to specify access privileges for the created folder to allow other users or groups to access the folder, configure the folder as follows:

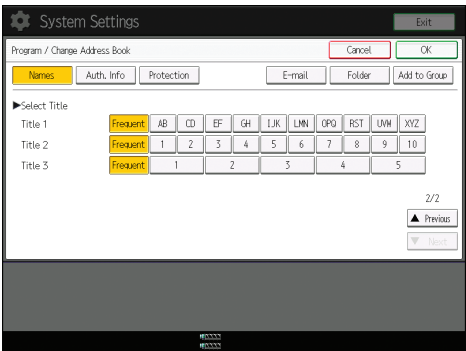
1. Right-click the folder created in step 2, and then click [Properties].
2. On the [Security] tab, click [Edit...].
3. Click [Add...].
4. In the [Select Users or Groups] window, click [Advanced...].
5. Specify one or more object types, select a location, and then click [Find Now].
6. From the list of results, select the groups and users you want to grant access to, and then click [OK].
7. In the [Select Users or Groups] window, click [OK].
8. In the [Groups or user names:] list, select a group or user, and then, in the [Allow] column of the permissions list, select either the [Full Control] or [Change] check box.
9. Click [OK].

### Registering an SMB Folder

1. Press the [User Tools] key.
2. Press [Address Book Mangmnt].
3. Check that [Program / Change] is selected.
4. Press [New Program].
5. Press [Change] under "Name".

The name entry display appears.

6. Enter the name, and then press [OK].
7. Press [▼Next].
8. Press the key for the classification you want to use under "Select Title".

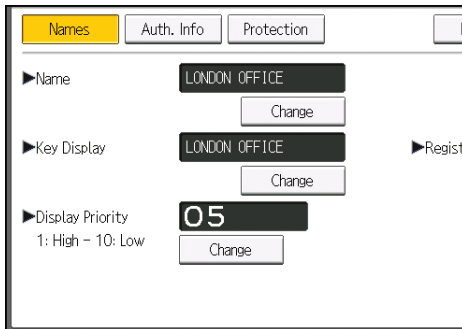


The keys you can select are as follows:

- [Frequent]: Added to the page that is displayed first.
- [AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]: Added to the list of items in the selected title.

You can select [Frequent] and one more key for each title.

**9. Press [Auth. Info], and then press [▼Next].**



**10. Press [Specify Other Auth. Info] on the right side of "Folder Authentication".**

When [Do not Specify] is selected, the SMB User Name and SMB Password that you have specified in "Default User Name / Password (Send)" of File Transfer settings are applied.

**11. Press [Change] under "Login User Name".**

**12. Enter the login user name of the destination computer, and then press [OK].**

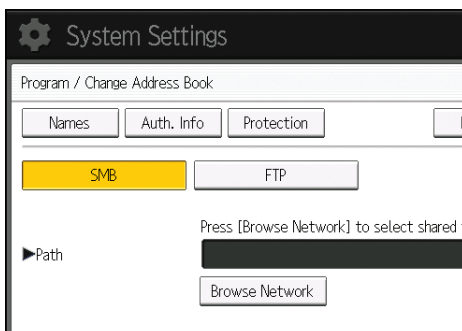
**13. Press [Change] under "Login Password".**

**14. Enter the password of the destination computer, and then press [OK].**

**15. Enter the password again to confirm, and then press [OK].**

**16. Press [Folder].**

**17. Check that [SMB] is selected.**



**18. Press [Change] or [Browse Network], and then specify the folder.**

To specify a folder, you can either enter the path manually or locate the folder by browsing the network.

19. Press [Connection Test] to check the path is set correctly.

20. Press [Exit].

If the connection test fails, check the settings, and then try again.

21. Press [OK].

22. Press [Exit].

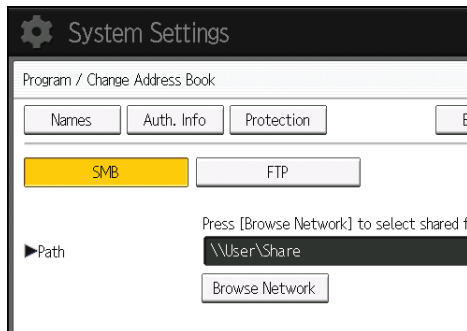
23. Press the [User Tools] key.

## Locating the SMB folder manually

1. Press [Change] under "Path".

2. Enter the path where the folder is located, and then press [OK].

For example: if the name of the destination computer is "User", and the folder name is "Share", the path will be \\User\Share.



If the network does not allow automatic obtaining of IP addresses, include the destination computer's IP address in the path. For example: if the IP address of the destination computer is "192.168.0.191", and the folder name is "Share", the path will be \\192.168.0.191\Share.

3. Press [OK].

If the format of the entered path is not correct, a message appears. Press [Exit], and then enter the path again.

## Locating the SMB folder using Browse Network

1. Press [Browse Network].

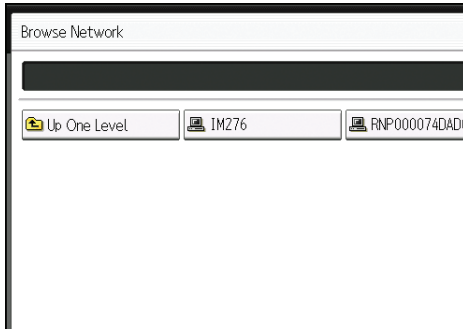
The client computers sharing the same network as the machine appear.

Network display only lists client computers you are authorized to access.

2. Select the group that contains the destination computer.

### 3. Select the computer name of the destination computer.

Shared folders under it appear.



You can press [Up One Level] to switch between levels.

### 4. Select the folder you want to register.

### 5. Press [OK].

5

## Deleting an SMB Registered Folder

### 1. Press the [User Tools] key.

### 2. Press [Address Book Mangmnt].

### 3. Check that [Program / Change] is selected.

### 4. Select the name whose folder you want to delete.

Press the name key, or enter the registered number using the number keys.

You can search by the registered name, user code, folder name, or e-mail address.

### 5. Press [Folder].

### 6. Press the protocol which is not currently selected.

A confirmation message appears.

### 7. Press [Yes].

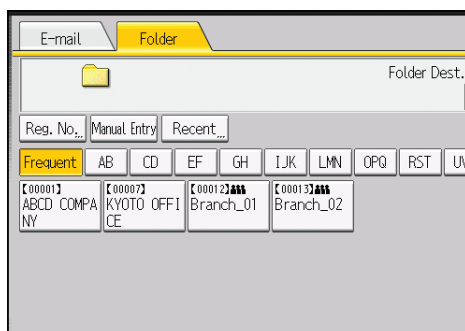
### 8. Press [OK].

### 9. Press [Exit].

### 10. Press the [User Tools] key.

## Entering the Path to the Destination Manually

1. Press [Manual Entry].



2. Press [SMB].
3. Press [Manual Entry] on the right side of the path field.
4. Enter the path for the folder.

In the following example path, the shared folder name is "user" and the computer name is "desk01":

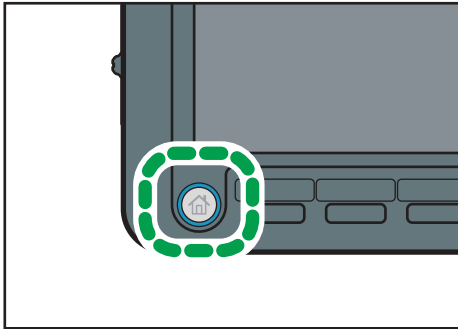
\\desk01\user

5. Press [OK].
6. Depending on the destination setting, enter the user name for logging in to the computer.  
Press [Manual Entry] to the right of the user name field to display the soft keyboard.
7. Press [OK].
8. Depending on the destination setting, enter the password for logging in to the computer.  
Press [Manual Entry] for the password to display the soft keyboard.
9. Press [OK].
10. Press [Connection Test].  
A connection test is performed to check whether the specified shared folder exists.
11. Check the connection test result, and then press [Exit].
12. Press [OK].



# Basic Procedure for Sending Scan Files by E-mail

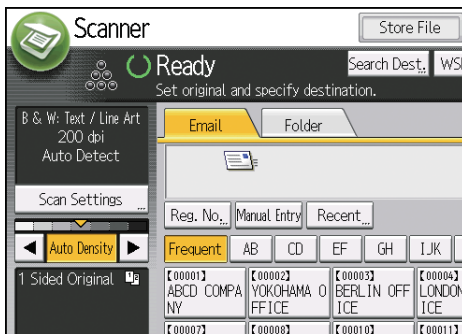
1. Press the [Home] key on the lower left of the control panel, and press the [Scanner] icon on the [Home] screen.



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2. Make sure that no previous settings remain.  
If a previous setting remains, press the [Reset] key.
3. Press the [E-mail] tab.



4. Place originals.
5. If necessary, specify the scan settings according to the original to be scanned.



Example: Scanning the document in color/duplex mode, and saving as a PDF file.

- Press [Scan Settings], press [Full Color: Text / Photo] in the [Original Type] tab, and then press [OK].
- Press [Original Feed Type], press [2 Sided Original], and then press [OK].
- Press [PDF] under [Send File Type / Name], and then press [OK].

## 6. Specify the destination.

You can specify multiple destinations.

## 7. To specify the e-mail sender, press [Sender Name], and then press [OK].

## 8. To use Message Disposition Notification, press [Recept. Notice].

If you select [Recept. Notice], the selected e-mail sender will receive e-mail notification when the e-mail recipient has opened the e-mail.

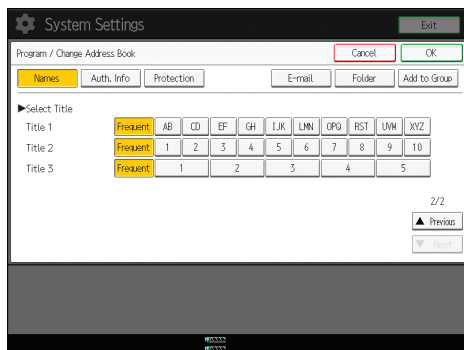
## 9. Press the [Start] key.

## Registering an E-mail Destination

1. Press the [User Tools] key.
2. Press [Address Book Mangmnt].
3. Check that [Program / Change] is selected.
4. Press [New Program].
5. Press [Change] under "Name".

The name entry display appears.

6. Enter the name, and then press [OK].
7. Press [▼Next].
8. Press the key for the classification you want to use under "Select Title".



The keys you can select are as follows:

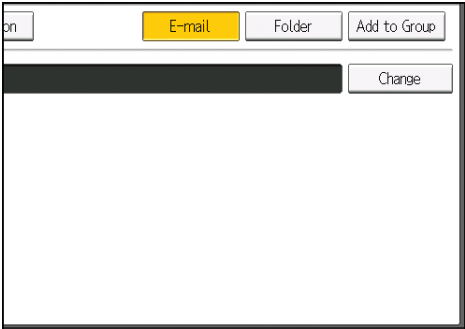
- [Frequent]: Added to the page that is displayed first.

- [AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]: Added to the list of items in the selected title.

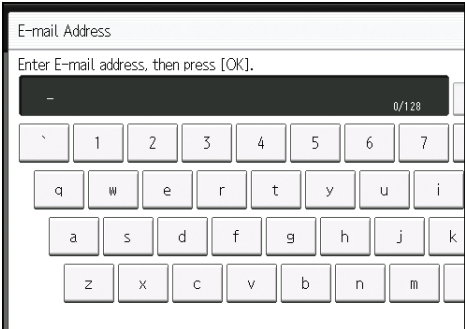
You can select [Frequent] and one more key for each title.

**9. Press [E-mail].**

**10. Press [Change] under "E-mail Address".**



**11. Enter the e-mail address.**



**12. Press [OK].**

**13. Press [OK].**

**14. Press [Exit].**

**15. Press the [User Tools] key.**

## Deleting an E-mail Destination

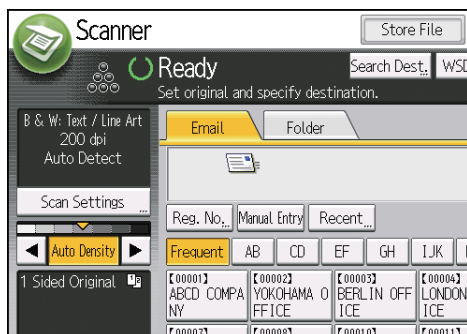
1. Press the [User Tools] key.
2. Press [Address Book Mangmnt].
3. Check that [Program / Change] is selected.
4. Select the name whose e-mail address you want to delete.

Press the name key, or enter the registered number using the number keys. You can search by the registered name, user code, folder name, or e-mail address.

5. Press [E-mail].
6. Press [Change] under "E-mail Address".
7. Press [Delete All], and then press [OK].
8. Press [OK].
9. Press [Exit].
10. Press the [User Tools] key.

## Entering an E-mail Address Manually

1. Press [Manual Entry].



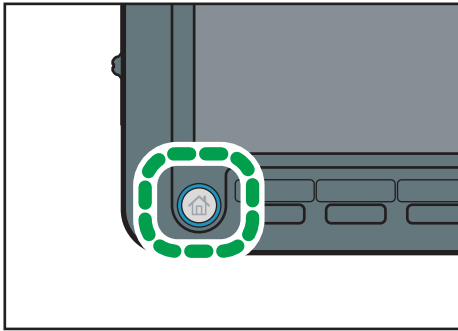
2. Enter the e-mail address.
3. Press [OK].

# Basic Procedure for Storing Scan Files

## ★ Important

- You can specify a password for each stored file. We recommend that you protect stored files from unauthorized access by specifying passwords.
- Scan file stored in the machine may be lost if some kind of failure occurs. We advise against using the hard disk to store important files. The supplier shall not be responsible for any damage that may result from the loss of files.

1. Press the [Home] key on the lower left of the control panel, and press the [Scanner] icon on the [Home] screen.



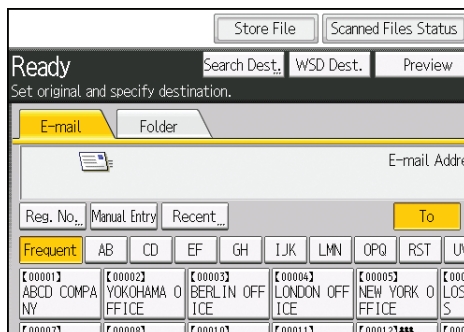
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2. Make sure that no previous settings remain.

If a previous setting remains, press the [Reset] key.

3. Place originals.

4. Press [Store File].



5. Press [Store to HDD].

6. If necessary, specify the stored file's information, such as [User Name], [File Name], [Password], and [Select Folder].

- User Name

Press [User Name], and then select a user name. To specify an unregistered user name, press [Manual Entry], and then enter the name. After specifying a user name, press [OK].

- File Name

Press [File Name], enter a file name, and then press [OK].

- Password

Press [Password], enter a password, and then press [OK]. Re-enter the password for confirmation, and then press [OK].

- Select Folder

Specify the folder in which to save the stored files, and then press [OK].

**7. Press [OK].**

**8. If necessary, press [Scan Settings] to specify scanner settings such as resolution and scan size.**

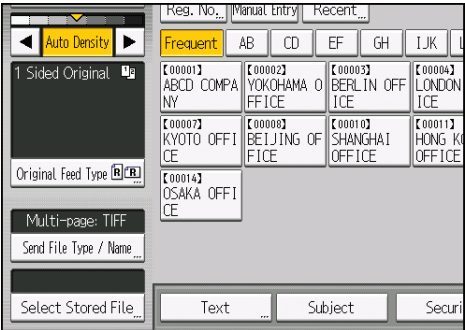
**9. Press the [Start] key.**

If you are scanning originals that have been divided into multiple sets, subsequently set the additional originals.

## Checking a Stored File Selected from the List

This section explains how to preview a file selected from the list of stored files.

**1. Press [Select Stored File].**



**2. Specify the folder in which to save the stored files.**

**3. From the list of stored files, select the file you want to check.**

You can select more than one file.

**4. Press [Preview].**

# Specifying the File Type

This section explains the procedure for specifying the file type of a file you want to send.

File types can be specified when sending files by e-mail or Scan to Folder, sending stored files by e-mail or Scan to Folder, and saving files on a memory storage device.

You can select one of the following file types:

- Single Page: [TIFF / JPEG], [PDF]

If you select a single-page file type when scanning multiple originals, one file is created for each single page and the number of files sent is the same as the number of pages scanned.

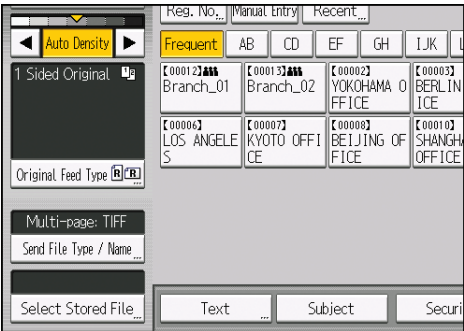
- Multi-page: [TIFF], [PDF]

If you select a multi-page file type when scan multiple originals, scanned pages are combined and sent as a single file.

Selectable file types differ depending on the scan settings and other conditions. For details about file types, see "Notes About and Limitations of File Types", Scan .

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## 1. Press [Send File Type / Name].



## 2. Select a file type.

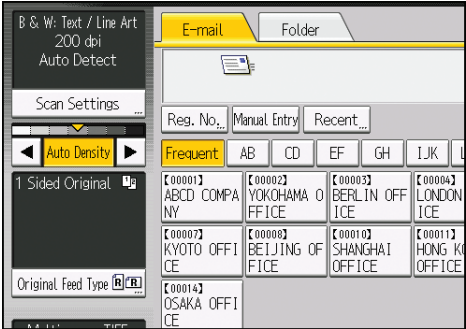


If the File Type is set to [PDF], configure PDF File Setting as required.

## 3. Press [OK].

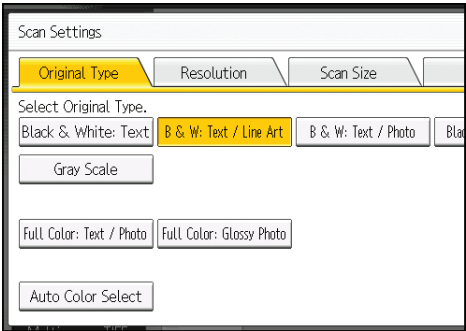
# Specifying Scan Settings

1. Press [Scan Settings].



2. Specify resolution, scan size, and other settings, as required.

5



3. Press [OK].



## 6. Document Server

This chapter describes frequently used Document Server functions and operations. For the information not included in this chapter, see Copy/ Document Server  on the supplied CD-ROM.

You can use this function on Type 1, 2, or 3 machines only.

### Storing Data

This section describes the procedure for storing documents on the Document Server.

#### Important

- A document accessed with a correct password remains selected even after operations are complete, and it can be accessed by other users. After the operation, be sure to press the [Reset] key to cancel the document selection.
- The user name registered to a stored document in the Document Server is to identify the document creator and type. It is not to protect confidential documents from others.
- When scanning by the scanner, make sure that all other operations are ended.

#### File Name

A file name such as "COPY0001" and "COPY0002" is automatically attached to the scanned document. You can change the file name.

#### User Name

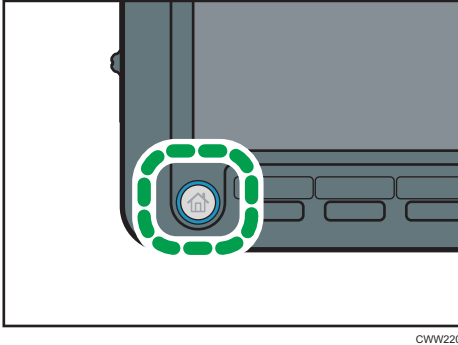
You can register a user name to identify the user or user group that stored the documents. To assign it, select the user name registered in the Address Book, or enter the name directly. Depending on the security setting, [Access Privileges] may appear instead of [User Name].

For details about the Address Book, see "Registering Addresses and Users", Connecting the Machine/ System Settings .

#### Password

To prevent unauthorized printing, you can specify a password for any stored document. A protected document can only be accessed if its password is entered. If a password is specified for the documents, the lock icon appears on the left side of the file name.

1. Press the [Home] key on the bottom left of the control panel, and press the [Document Server] icon on the [Home] screen.



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2. Press [To Scanning Screen].
3. Press [Target Folder to Store].
4. Specify a folder in which to store the document, and then press [OK].
5. Press [User Name].
6. Specify a user name, and then press [OK].

The user names shown are names that were registered in the Address Book. To specify a name not shown in the screen, press [Manual Entry], and then enter a user name.

7. Press [File Name].
8. Enter a file name, and then press [OK].
9. Press [Password].
10. Enter a password with the number keys, and then press [OK].

You can use four to eight digits for the password.

11. For double-check, enter the password again, and then press [OK].
12. Place the original.
13. Specify the original scanning conditions.
14. Press the [Start] key.

The original is scanned. The document is saved in the Document Server.

After scanning, a list of folders will be displayed. If the list does not appear, press [Finish Scanning].

# Printing Stored Documents

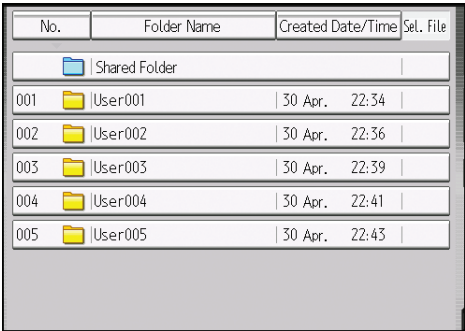
Prints stored documents on the Document Server.

The items you can specify on the printing screen are as follows:

- Paper tray
- The number of prints
- [Output/ Finisher] ([Output], [Finisher], [Folding Unit], [Perfect Binding], [Stacker])
- [Stamp] ([Background Numbering], [Preset Stamp], [User Stamp], [Date Stamp], [Page Numbering], [Stamp Text], [Unathd. Copy Prevention])
- [Cover/ Slip Sheet] ([Front Cover], [Back Cover], [Designate / Chapter], [Slip Sheet])
- [Edit] ([Margin Adj.], [Edit Image])
- [2 Sided / Book] ([1 Sided Print], [2 Sided Top to Top], [2 Sided Top to Bottom], [Specify Duplex Pages], [Booklet], [Magazine])

For details about each function, see Copy/ Document Server .

## 1. Select a folder.



| No. | Folder Name                                                                                      | Created Date/Time | Sel. File |
|-----|--------------------------------------------------------------------------------------------------|-------------------|-----------|
|     |  Shared Folder |                   |           |
| 001 |  User001      | 30 Apr. 22:34     |           |
| 002 |  User002      | 30 Apr. 22:36     |           |
| 003 |  User003      | 30 Apr. 22:39     |           |
| 004 |  User004      | 30 Apr. 22:41     |           |
| 005 |  User005      | 30 Apr. 22:43     |           |

## 2. Select a document to be printed.

## 3. When printing two or more documents at a time, repeat step 2.

Up to 30 documents can be printed.

## 4. When specifying printing conditions, press [To Printing Screen], and then configure print settings.

## 5. Enter the number of print copies with the number keys.

The maximum quantity that can be entered is 9999.

## 6. Press the [Start] key.



# 7. Web Image Monitor

This chapter describes frequently used Web Image Monitor functions and operations. For the information not included in this chapter, see Connecting the Machine/ System Settings  on the supplied CD-ROM or Web Image Monitor Help.

## Displaying Top Page

This section explains the Top Page and how to display Web Image Monitor.

### ★ Important

- When entering an IPv4 address, do not begin segments with zeros. For example: If the address is "192.168.001.010", you must enter it as "192.168.1.10".

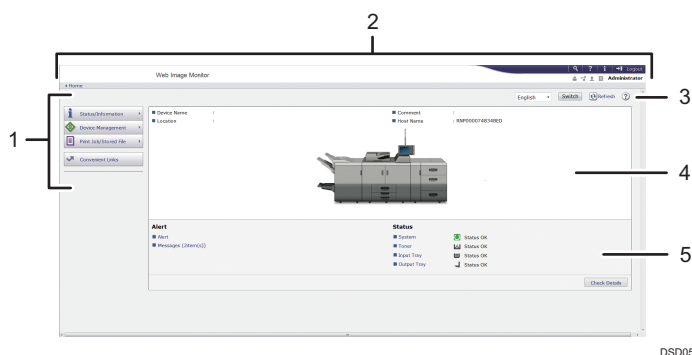
1. Start your Web browser.
2. Enter "http://(machine's IP address or host name)/" in your Web browser's URL bar.

Top Page of Web Image Monitor appears.

If the machine's host name has been registered on the DNS or WINS server, you can enter it.

When setting SSL, a protocol for encrypted communication, under environment which server authentication is issued, enter "https://(machine's IP address or host name)/".

Web Image Monitor is divided into the following areas:



### 1. Menu area

If you select a menu item, its content will be shown.

### 2. Header area

The dialog box for switching to the user mode and administrator mode appears, and each mode's menu will be displayed.

The link to Help and dialog box for keyword search appears.

### 3. Refresh/Help

 (Refresh): Click  at the upper right in the work area to update the machine information. Click the Web browser's [Refresh] button to refresh the entire browser screen.

 (Help): Use Help to view or download Help file contents.

### 4. Basic Information area

Displays the basic information of the machine.

### 5. Work area

Displays the contents of the item selected in the menu area.

# 8. Adding Paper and Toner

This chapter describes how to load paper into the paper tray and recommended paper sizes and types.

## Loading Paper

You can use the copy function and ADF on Type 1, 2, or 3 machines only. You can load and scan originals on a Type 1, 2, or 3 machine.

### Precautions for Loading Paper

#### CAUTION

- When loading paper, take care not to trap or injure your fingers.

#### Important

- Do not stack paper over the limit mark.

#### Note

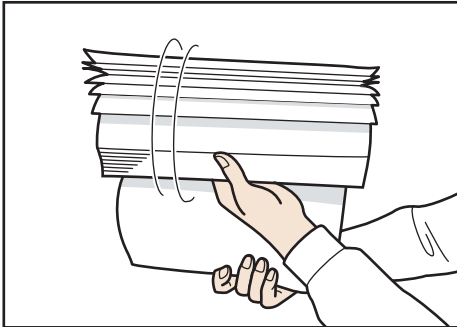
- To prevent multiple sheets from being fed at once, fan the paper before loading it.
- If you load paper when only a few sheets of paper remain in the tray, multiple sheet feeding may occur. Remove any remaining paper, stack them with the new sheets of paper, and then fan the entire stack before loading it into the tray.
- Straighten curled or warped paper before loading.
- When paper in trays that are set to automatically eject unnecessary tab stock sheets runs out, reload the tab stock from the beginning of the cycle (the first sheet).
- When you load paper into the paper tray for the first time or when you change the size or type of paper in the paper tray, be sure to specify the appropriate paper settings in Tray Paper Settings. For details, see "Changing Tray Paper Settings", Paper Settings .
- For details about the paper sizes and types that can be used, see page 120 "Recommended Paper Sizes and Types".
- You might at times hear a rustling noise from paper moving through the machine. This noise does not indicate a malfunction.

## Fanning the paper

### ★ Important

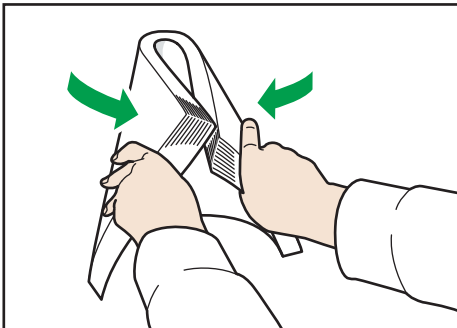
- If you load coated paper, label paper, or thick paper of 163.1–300.0 g/m<sup>2</sup> (60.1 lb. Cover–165.0 lb. Index) in the three-tray wide LCT, it is important that you fan the sheets thoroughly. Misfeeds may occur if paper is not fanned thoroughly.

1. Loosen the stack by riffling the sheets.

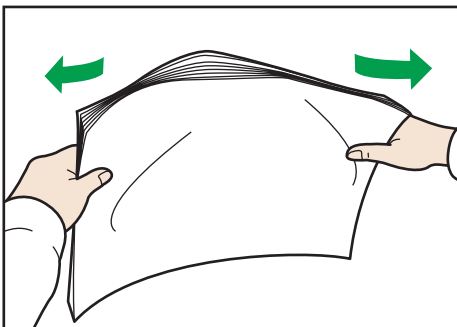


CVA068

2. Holding its shorter ends, flex the stack back and forth to create space between the sheets. Repeat this several times.



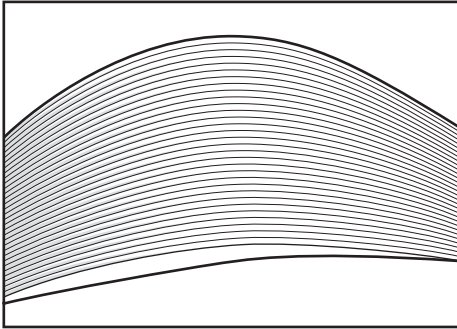
CVA069



CVA070



### 3. Make sure there is space between the sheets.



CVA071

## Loading Paper into Tray 1

### Region A (mainly Europe)

Tray 1 can hold A4 paper only. If you want to print on  $8\frac{1}{2} \times 11$  from Tray 1, contact your service representative.

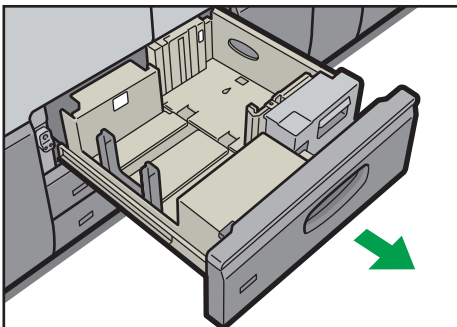
### Region B (mainly North America)

Tray 1 can hold  $8\frac{1}{2} \times 11$  paper only. If you want to print on A4 from Tray 1, contact your service representative.

### ★ Important

- When paper loaded in the right side of Tray 1 runs out, paper on the left is automatically shifted to the right. Do not pull out Tray 1 while the tray is moving paper; wait until sounds stop coming from the tray.
- For the right stack, align the right edge of the paper with the right edge of the tray. For the left stack, align the left edge of the paper to the left edge of the tray.

### 1. Carefully pull out the paper tray until it stops.

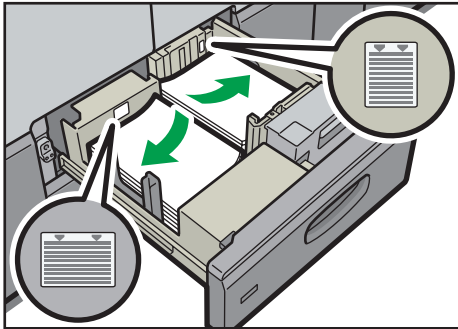


CWW301

## 2. Square the paper and load it print side down.

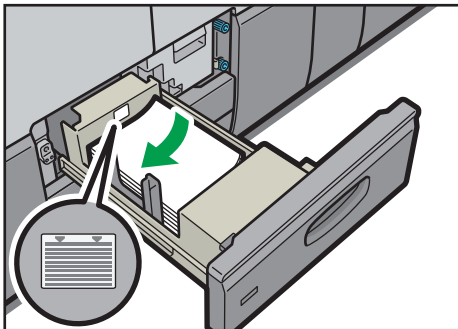
Do not stack paper over the limit mark.

- Whole tray pulled out



CWW302

- Left half of the tray pulled out



CWW303

## 3. Carefully push the paper tray fully in.

### ↓ Note

- You can load paper even if Tray 1 is in use. It is okay to pull out the left half of the tray while Tray 1 is in use.

## Loading Paper into the A3/11 × 17 Tray Unit

### Region A (mainly Europe)

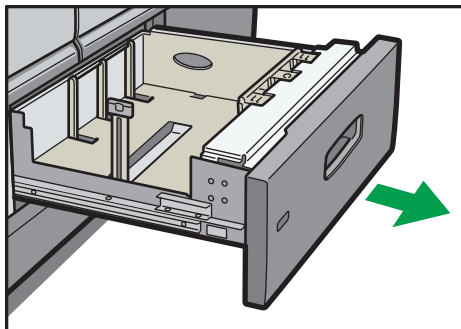
A3/11 × 17 tray unit can hold A3 paper only. If you want to print on A4, B4 JIS, 11 × 17, or 8 1/2 × 11, contact your service representative.

### Region B (mainly North America)

A3/11 × 17 tray unit can hold 11 × 17 paper only. If you want to print on A3, A4, B4 JIS, or 8 1/2 × 11, contact your service representative.

★ Important

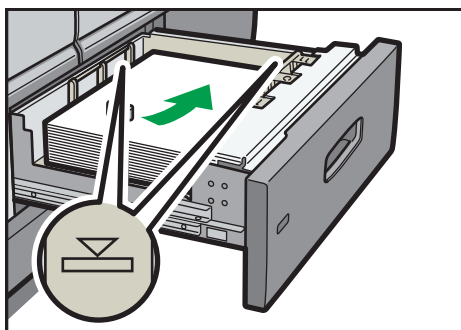
- Check the paper edges are aligned at the right side.
1. Check that paper in the paper tray is not being used, and then pull the tray carefully out until it stops.



DER058

2. Square the paper and load it print side down.

Do not stack paper over the limit mark.



DER059

3. Carefully push the paper tray fully in.

## Loading Paper into Trays 2 and 3

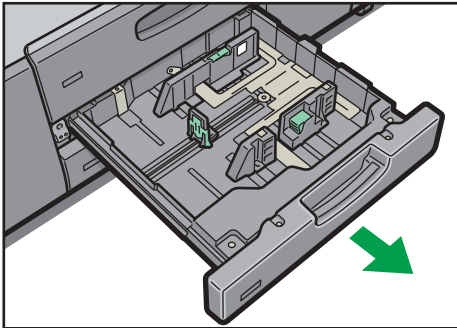
Each paper tray is loaded in the same way.

In the following example procedure, paper is loaded into Tray 2.

★ Important

- Check the paper edges are aligned at the right side.
- If a paper tray is pushed vigorously when putting it back into place, the position of the tray's side fences may slip out of place.

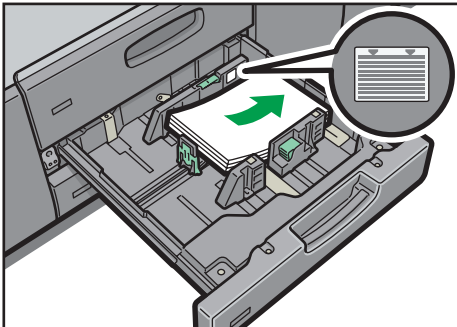
- When loading a low number of sheets, be sure not to squeeze the side fences in too tightly. If the side fences are squeezed too tightly against the paper, the edges may crease, the paper may misfeed, or if it weighs between 52.3–63.0g/m<sup>2</sup> (14.0–16.9 lb. Bond), it may wrinkle.
1. Check that paper in the paper tray is not being used, and then pull the tray carefully out until it stops.



CWW306

2. Square the paper and load it print side down.

Do not stack paper over the limit mark.



CWW307

3. Carefully push the paper tray fully in.

**Note**

- Various sizes of paper can be loaded in Trays 2 and 3 by adjusting the positions of side fences and end fence. For details, see "Changing the Paper Size in Trays 2 and 3", Paper Specifications and Adding Paper .

## Loading Paper into the Multi Bypass Tray (Tray 7)

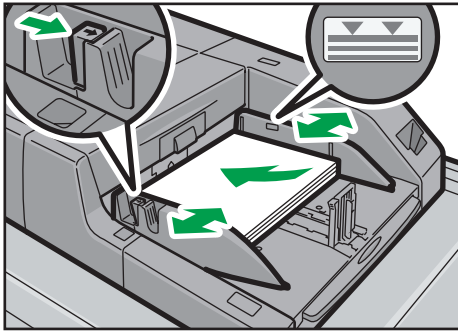
Use the multi bypass tray (Tray 7) to use OHP transparencies, translucent paper, and paper that cannot be loaded in the paper trays.

### ★ Important

- The maximum number of sheets you can load at the same time depends on paper type. Do not stack paper over the limit mark. For the maximum number of sheets you can load, see page 120 "Recommended Paper Sizes and Types".
- Check the paper edges are aligned at the left side.
- When loading a low number of sheets, be sure not to squeeze the side fences in too tightly. If the side fences are squeezed too tightly against the paper, the edges may crease, the paper may misfeed, or if it weighs between 52.3–63.0 g/m<sup>2</sup> (14.0–16.9 lb. Bond), it may wrinkle.

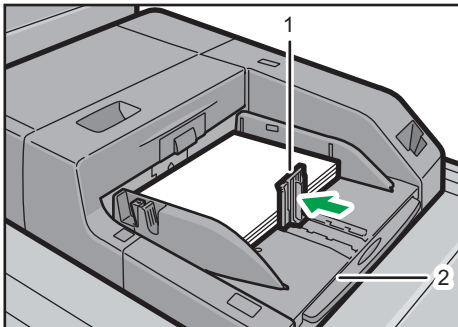
#### 1. Set the side fences to the paper size, and then square the paper and load it print side up.

Do not stack paper over the limit mark.



CWW309

#### 2. Set the end fence.

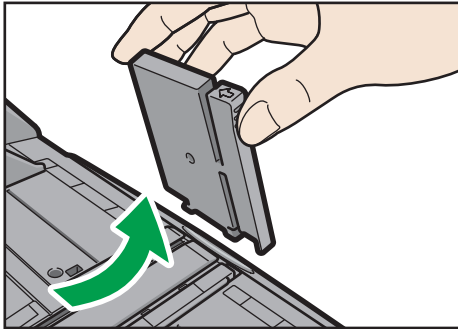


CWW311

1. End fence

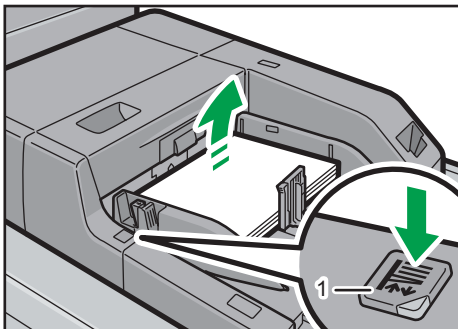
2. Extender

To remove the end fence, slide it to the right by pressing the stopper down.



CWW312

### 3. Press the elevator switch on the multi bypass tray (Tray 7).



CWW313

#### 1. Elevator switch

The lamp of the elevator switch is blinking while the tray is going up, and keeps lit when it stops.

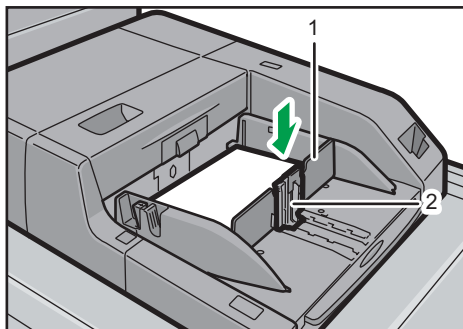
Press the elevator switch to move down the tray if you want to either add paper or remove jammed ones.

#### Note

- Pull the extender out when loading A4, 8 1/2 × 11 or larger sheets in the multi bypass tray (Tray 7).
- Letterhead paper must be loaded in a specific orientation. For details, see page 116 "Loading Orientation-fixed Paper or Two-sided Paper".
- You can load envelopes into the multi bypass tray (Tray 7). Envelopes must be loaded in a specific orientation. For details, see page 147 "Envelopes".
- Specify the sizes of paper that are not automatically detected. For details about the sizes that can be detected automatically, see page 120 "Recommended Paper Sizes and Types". For details about how to specify sizes, see "Changing to a Size That Is Not Automatically Detected", Paper Specifications and Adding Paper.
- When copying from the multi bypass tray (Tray 7), see "Copying from the Multi Bypass Tray (Tray 7)", Copy/ Document Server.

## Loading tab stock into the multi bypass tray (Tray 7)

When setting tab stock, always use the tab fence. Tabs must be set at the right side of the multi bypass tray (Tray 7).



CWW308

1. Tab fence
2. End fence

## Loading Paper into the Large Capacity Tray

The LCT is identified as Tray 4, Tray 5, and Tray 6.

 **Region A** (mainly Europe)

Tray 6 can hold A4 paper only. If you want to print on A5, B5 JIS,  $8\frac{1}{2} \times 11$ , or  $5\frac{1}{2} \times 8\frac{1}{2}$  from Tray 6, contact your service representative.

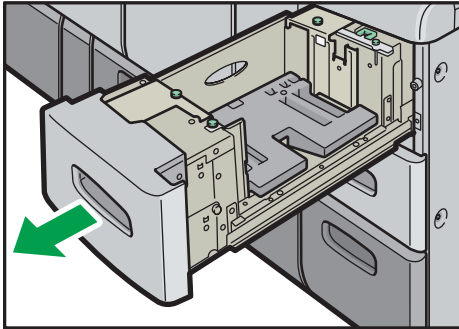
 **Region B** (mainly North America)

Tray 6 can hold  $8\frac{1}{2} \times 11$  paper only. If you want to print on A5, B5 JIS, A4, or  $5\frac{1}{2} \times 8\frac{1}{2}$  from Tray 6, contact your service representative.

### ★ Important

- Check the paper edges are aligned at the left side.

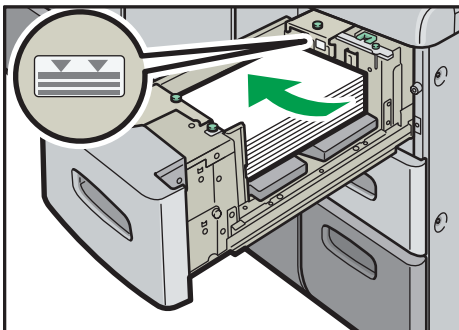
1. Check that paper in the paper tray is not being used, and then pull the tray carefully out until it stops.



CWW315

2. Load paper into the paper tray with print side up.

Do not stack paper over the limit mark.



CWW316

3. Carefully push the paper tray fully in.

**Note**

- Various sizes of paper can be loaded in Tray 4 and Tray 5 by adjusting the positions of side fence and end fence. For details, see "Changing the Paper Size in the Large Capacity Tray", Paper Specifications and Adding Paper ⑧.

## Loading Paper into the Three-tray Wide Large Capacity Tray

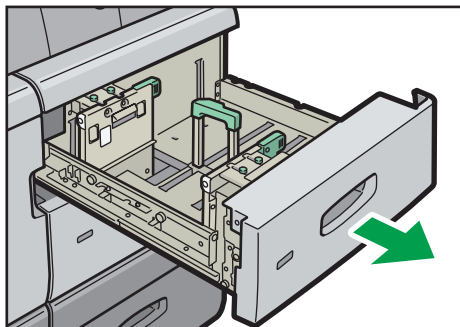
The three-tray wide LCT is identified as Tray 4, Tray 5, and Tray 6.

**★ Important**

- Check that the paper edges are aligned with the left side.



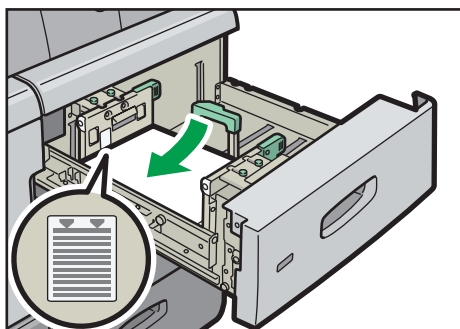
1. Check that paper in the paper tray is not being used, and then pull the tray carefully out until it stops.



CWW319

2. Load paper into the paper tray with print side up.

Do not stack paper over the limit mark.



CWW320

3. Carefully push the paper tray fully in.

#### ↓ Note

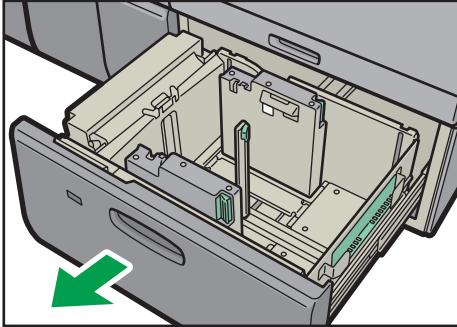
- If you select Paper Weight 5 to 7, [Coated: Glossy], [Coated: Matted], or [Label Paper] in [Tray Paper Settings], air is blown out automatically to fan the paper loaded in the three-tray wide LCT. Fan this paper before loading it. For details, see page 102 "Fanning the paper".
- Various sizes of paper can be loaded in the three-tray wide LCT by adjusting the positions of side fences and end fence. For details, see "Changing the Paper Size in the Wide Large Capacity Tray", Paper Specifications and Adding Paper .
- You can load envelopes in the three-tray wide LCT. When loading envelopes, place them in the correct orientation. For details, see page 147 "Envelopes".

## Loading Paper into the Two-tray Wide Large Capacity Tray

The two-tray wide LCT is identified as Tray T1, Tray T2, Tray T3, and Tray T4.

★ Important

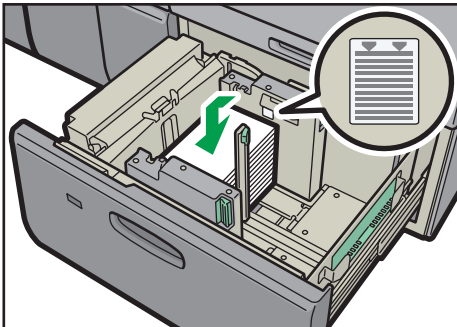
- Check the paper edges are aligned at the left side.
1. Check that paper in the paper tray is not being used, and then pull the tray carefully out until it stops.



DER088

2. Load paper into the paper tray with print side up.

Do not stack paper over the limit mark.



DER089

3. Push the paper tray fully in until it clicks.

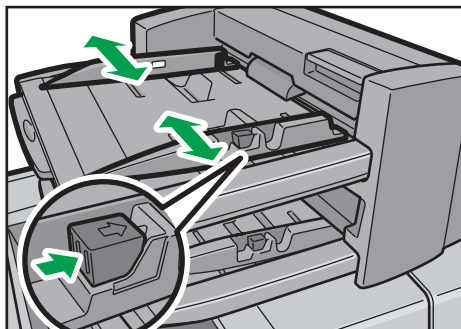
↓ Note

- Various sizes of paper can be loaded in the two-tray wide LCT by adjusting the positions of side fence and end fence. For details, see "Changing the Paper Size in the Two-tray Wide Large Capacity Tray", Paper Specifications and Adding Paper 📄.
- You can load envelopes in the two-tray wide LCT. When loading envelopes, place them in the correct orientation. For details, see page 147 "Envelopes".

## Loading Paper into the Interposer

### ★ Important

- Do not place anything on top of or leave documents on the sensor. This may lead to the paper size not being correctly scanned or paper jams.
- While pressing the release lever, align the side fences with the paper size to be loaded.

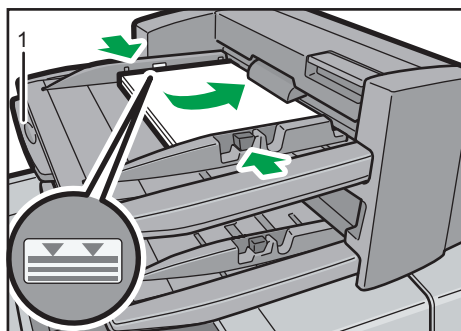


CWW321

- Load paper orderly.

Do not stack paper over the limit mark.

Align the side fences gently against the paper you loaded, if necessary.



CWW322

1. Paper extender

### ↓ Note

- Load paper with its printed side up (the front side). If you are using the booklet finisher, load sheets print side down.
- Load paper in the interposer in the same orientation as paper in the paper tray.
- The staple position or punch hole position will be on the left side of the paper, when you are facing the machine.
- When loading paper larger than A4 ( $8\frac{1}{2} \times 11$ )", pull out the paper extender.
- To load the paper in the interposer, align the orientation of originals in the ADF as shown below.

| Interposer                                                                        | ADF                                                                                |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |
|  |  |

## Loading Cover Sheets into the Interposer of the Perfect Binder

### ★ Important

- The length/size of cover sheets depends on the thickness of the spine.
- Load paper in the  orientation.
- Do not place anything on top of or leave documents on the sensor. This may lead to the paper size not being correctly detected or paper jams.

### Estimating the thickness of the spine

This section explains how to calculate the approximate spine thickness and the cover sheet length and size.

Note that the length and size of a cover sheet depends on the thickness of the book block spine.

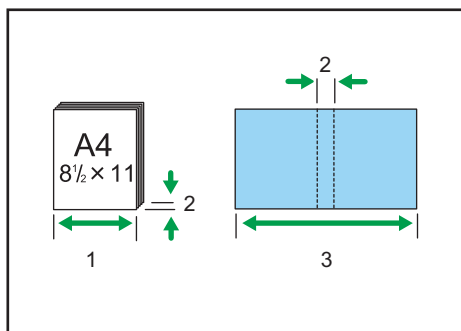
The following list shows examples for A4 or  $8\frac{1}{2} \times 11$  size, 80.0 g/m<sup>2</sup> (20.0 lb. Bond) paper:

- 10-sheet book block: 1 mm (0.04 inches)
- 30-sheet book block: 3 mm (0.12 inches)
- 50-sheet book block: 5 mm (0.20 inches)
- 80-sheet book block: 8 mm (0.32 inches)
- 100-sheet book block: 10 mm (0.40 inches)
- 200-sheet book block: 20 mm (0.80 inches)

Specify the cover sheet size based on the thickness of the book block spine. Use the following equation to calculate the length of the cover sheet:

Minimum length of cover sheet (mm/inch) = "length of book block sheet (mm/inch)"  $\times$  2 + "thickness of spine (mm/inch)"

To perfect bind a booklet with the following dimensions, specify a cover sheet length of at least 440 mm (17.4 inches):



CWW369

1. Length of book block sheet
2. Thickness of spine
3. Length of cover sheet

### Orientation and binding position of covers and originals

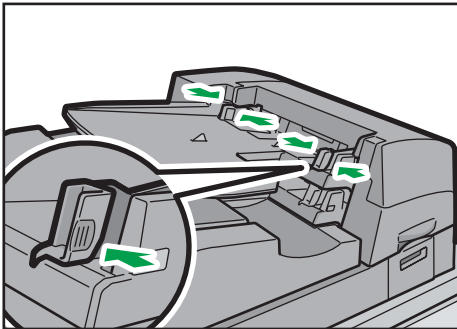
This section explains the orientation and binding positions of covers and originals.

Place covers and originals in the orientation in which they are read.

|                | Placing the cover<br>in the interposer | Placing the book block<br>sheet in the ADF | Binding position |
|----------------|----------------------------------------|--------------------------------------------|------------------|
| Left binding   |                                        |                                            |                  |
| Top binding *1 |                                        |                                            |                  |
| Right binding  |                                        |                                            |                  |

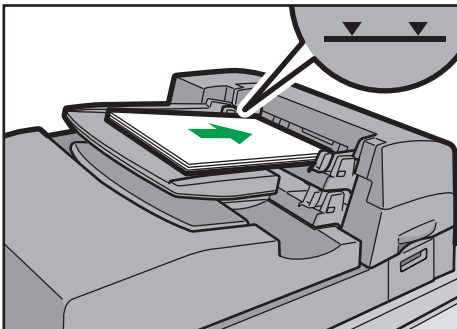
\*1 Select (unreadable orientation) in Original Orientation, and then select top binding.

1. While lightly pinching the side fence, align it with the paper size to be loaded.



2. Load paper face up and neatly stacked.

Do not stack paper over the limit mark.



**Note**

- You cannot perfect bind a booklet if the thickness of the book block's spine exceeds 23 mm (0.9 inches).
- Depending on your machine, the procedure for selecting the orientation of covers and originals for the printer function might be slightly different. For details, refer to the procedure for your machine.
- When loading thick paper of 251.0 g/m<sup>2</sup> (138.8 lb. Index) or heavier in the interposer trays of the perfect binder, make sure the grain of the paper is perpendicular to the feed direction.
- If you are loading sheets that are likely to stick together (such as sheets of coated paper), be sure to fan them thoroughly before loading. Fanning them will help prevent jams and allow them to be fed in one sheet at a time.
- The perfect binding process may scratch glossy paper.

## Loading Orientation-fixed Paper or Two-sided Paper

Orientation-fixed (top to bottom) or two-sided paper (for example, letterhead paper, punched paper, or copied paper) might not be printed correctly, depending on how the originals and paper are placed.

## Settings for the User Tools

- Copier mode

Specify [Yes] for [Letterhead Setting] in [Input / Output] under the Copier / Document Server Features menu, and then place the original and paper as shown below.

- Printer mode

Specify [Auto Detect] or [On (Always)] for [Letterhead Setting] in [System] under the Printer Features menu, and then place the paper as shown below.

For details about the letterhead settings, see "Input / Output", Copy/ Document Server , or "System", Print .

## Original orientation and paper orientation

The meanings of the icons are as follows:

| Icon                                                                                                                                                                       | Meaning                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <br>    | Place or load paper scanned or printed side face up.   |
| <br> | Place or load paper scanned or printed side face down. |

- Original orientation

| Original orientation | Exposure glass                                                                      | ADF                                                                                   |
|----------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Readable orientation |  |  |

| Original orientation   | Exposure glass                                                                                                                                                                                                                                                                   | ADF                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Unreadable orientation | <ul style="list-style-type: none"><li>Copy</li></ul>  <ul style="list-style-type: none"><li>Scanner</li></ul>  |  |

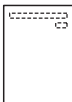
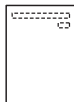
- Paper orientation
  - Copier mode

| Copy side | Tray 1                                                                              | Trays 2–3 or A3/11<br>× 17 tray unit                                                                                                                                       | Multi bypass tray<br>(Tray 7),<br>LCT, or Wide LCT                                                                                                                             |
|-----------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| One-sided |    | <br>   | <br>   |
| Two-sided |  | <br> | <br> |

- Printer mode

| Print side | Tray 1                                                                              | Trays 2–3 or A3/11<br>× 17 tray unit                                                                                                                                       | Multi bypass tray<br>(Tray 7),<br>LCT, or Wide LCT                                                                                                                             |
|------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| One-sided  |  | <br> | <br> |



| Print side | Tray 1                                                                            | Trays 2–3 or A3/11<br>× 17 tray unit                                                                                                                                   | Multi bypass tray<br>(Tray 7),<br>LCT, or Wide LCT                                                                                                                         |
|------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Two-sided  |  | <br> | <br> |

**Note**

- In copier mode:
  - For details about how to make two-sided copies, see page 53 "Duplex Copying".
- In printer mode:
  - To print on letterhead paper when [Auto Detect] is specified for [Letterhead Setting], you must specify [Letterhead] as the paper type in the printer driver's settings.
  - If a print job is changed partway through printing from one-sided to two-sided printing, one-sided output after the first copy may be printed facing a different direction. To ensure all paper is output facing the same direction, specify different input trays for one-sided and two-sided printing. Note also that two-sided printing must be disabled for the tray specified for one-sided printing.
  - For details about how to make two-sided prints, see page 72 "Printing on Both Sides of Sheets".

# Recommended Paper

You can use the copy function on Type 1, 2, or 3 machines only.

## Recommended Paper Sizes and Types

This section describes recommended paper sizes and types.

 **Important**

- If you use paper that curls, either because it is too dry or too damp, a staple clogging or paper jam may occur.
- Do not use paper designed for inkjet printers, as these may stick to the fusing unit and cause a misfeed.
- When you load OHP transparencies, check the front and back of the sheets, and place them correctly, or a misfeed might occur.

**Tray 1**

| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                   | Paper capacity   |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 52.3–256.0g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 |  <b>Region A</b><br>A4 <br> <b>Region B</b><br>8 1/2 × 11         | 1,000 sheets × 2 |
| 52.3–256.0g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 | *1<br> <b>Region A</b><br>8 1/2 × 11 <br> <b>Region B</b><br>A4  | 1,000 sheets × 2 |

\* 1 To load paper any of the sizes specified above, contact your service representative.

**Tray 1 (A3/11 × 17 tray unit)**

| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Paper capacity |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 52.3–256.0g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 |  <b>Region A</b><br>A3 <br> <b>Region B</b><br>11 × 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1,000 sheets   |
| 52.3–256.0g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 | *1<br> <b>Region A</b><br>A4  , B4 JIS  , 11 × 17  ,<br>8 1/2 × 11 <br> <b>Region B</b><br>A3  , A4  , B4 JIS  , 8 1/2<br>× 11  | 1,000 sheets   |

\*1 To load paper any of the sizes specified above, contact your service representative.

**Trays 2 and 3**

| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Paper capacity |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 52.3–256.0g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 | Paper sizes that can be detected automatically:<br> <b>Region A</b><br>A3  , A4  , A5  , B4 JIS  ,<br>B5 JIS  , 11 × 17  , 8 1/2 × 14<br> , 8 1/2 × 13  , 8 1/2 × 11  ,<br>8 1/4 × 13  , 8 × 13  , 7 1/4 ×<br>10 1/2  , 5 1/2 × 8 1/2  , 8K<br> , 16K  , SRA3 <br> <b>Region B</b><br>A3  , A4  , A5  , B4 JIS  ,<br>B5 JIS  , 11 × 17  , 8 1/2 × 14<br> , 8 1/2 × 13  , 8 1/2 × 11  ,<br>8 1/4 × 13  , 8 × 13  , 7 1/4 ×<br>10 1/2  , 5 1/2 × 8 1/2  , 8K<br> , 16K  , 12 × 18  | 500 sheets     |

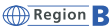
| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Paper capacity |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 52.3–256.0g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 | Select the paper size using the Tray Paper Settings menu:<br><br>8 <sup>1</sup> / <sub>4</sub> × 14□, 8 × 10□, 11 × 15□, 11 × 14□, 10 × 15□, 10 × 14□, 13 × 18□, 12 × 18□, SRA4□, 226 × 310 mm□, 310 × 432 mm□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □<br><br>8 <sup>1</sup> / <sub>4</sub> × 14□, 8 × 10□, 11 × 15□, 11 × 14□, 10 × 15□, 10 × 14□, 13 × 18□, SRA3□, SRA4□, 226 × 310 mm□, 310 × 432 mm□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □ | 500 sheets     |
| 52.3–256.0g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 | Custom size:<br><br>Vertical: 139.7–330.2 mm<br>Horizontal: 139.7–457.2 mm<br><br>Vertical: 5.50–13.00 inches<br>Horizontal: 5.50–18.00 inches                                                                                                                                                                                                                                                                                                                                                    | 500 sheets     |
| Translucent paper                                                                           | A3□, A4□, B4 JIS□, B5 JIS□                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | *1             |
| OHP transparencies                                                                          | A4□                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | *1 *2          |

\*1 Do not stack paper over the limit mark. The maximum number of sheets you can set at once depends on the paper's thickness and condition.

\*2 OHP Transparencies can be fed only from Tray 2.

**Multi bypass tray (Tray 7)**

| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Paper capacity |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 52.3–216.0 g/m <sup>2</sup> (14.0 lb. Bond–79.9 lb. Cover)<br>Paper Weight 1–Paper Weight 5 | <p>Paper sizes that can be detected automatically:</p> <p> <b>Region A</b></p> <p>A3, A4, A5, A6, B4 JIS, B5 JIS, 11 × 17, 8<sup>1</sup>/<sub>2</sub> × 11, 8 × 13, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>, SRA3<sup>*2</sup></p> <p> <b>Region B</b></p> <p>A3, A4, A5, A6, B4 JIS, B5 JIS, 11 × 17, 8<sup>1</sup>/<sub>2</sub> × 11, 8 × 13, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>, 12 × 18</p> | 500 sheets     |

| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Paper capacity |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 52.3–216.0 g/m <sup>2</sup> (14.0 lb. Bond–79.9 lb. Cover)<br>Paper Weight 1–Paper Weight 5 | <p>*1</p> <p> <b>Region A</b></p> <p>B5 JIS□, B6 JIS□, 8<sup>1</sup>/<sub>2</sub> × 14□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>2</sub> × 11□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 10□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□, 11 × 15□, 11 × 14□,</p> <p>10 × 15□, 10 × 14□, 13 × 19<sup>1</sup>/<sub>5</sub>□<sup>*2</sup>, 13 × 19□<sup>*2</sup>, 12<sup>3</sup>/<sub>5</sub> × 19<sup>1</sup>/<sub>5</sub>□<sup>*2</sup>, 12<sup>3</sup>/<sub>5</sub> × 18<sup>1</sup>/<sub>2</sub>□<sup>*2</sup>, 13 × 18□<sup>*2</sup>, 12 × 18□<sup>*2</sup>, SRA4□<sup>*2</sup>, SRA4□, 226 × 310 mm□<sup>*2</sup>, 226 × 310 mm□, 310 × 432 mm□<sup>*2</sup>, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub>□<sup>*2</sup></p> <p> <b>Region B</b></p> <p>A4□, A5□, B5 JIS□, B6 JIS□, 8<sup>1</sup>/<sub>2</sub> × 14□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 10□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□, 11 × 15□, 11 × 14□, 10 × 15□,</p> <p>10 × 14□, 13 × 19<sup>1</sup>/<sub>5</sub>□<sup>*2</sup>, 13 × 19□<sup>*2</sup>, 12<sup>3</sup>/<sub>5</sub> × 19<sup>1</sup>/<sub>5</sub>□<sup>*2</sup>, 12<sup>3</sup>/<sub>5</sub> × 18<sup>1</sup>/<sub>2</sub>□<sup>*2</sup>, 13 × 18□<sup>*2</sup>, SRA3□<sup>*2</sup>, SRA4□<sup>*2</sup>, SRA4□, 226 × 310 mm□<sup>*2</sup>, 226 × 310 mm□, 310 × 432 mm□<sup>*2</sup>, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub>□<sup>*2</sup></p> | 500 sheets     |

| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                             | Paper capacity |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 52.3–216.0 g/m <sup>2</sup> (14.0 lb. Bond–79.9 lb. Cover)<br>Paper Weight 1–Paper Weight 5 | Custom size: <sup>*3</sup><br> <b>Region A</b><br>Vertical: 100.0–330.2 mm <sup>*4</sup><br>Horizontal: 139.7–487.7 mm <sup>*5</sup><br> <b>Region B</b><br>Vertical: 3.94–13.00 inches <sup>*4</sup><br>Horizontal: 5.50–19.20 inches <sup>*5</sup>                                 | 500 sheets     |
| Translucent paper                                                                           | A3  , A4  , B4 JIS  , B5 JIS <br> | <sup>*6</sup>  |
| OHP transparencies                                                                          | A4  , 8 1/2 × 11                                                                                                                                                                                                                                                                     | <sup>*6</sup>  |
| Tab stock <sup>*7</sup>                                                                     | A4  , 8 1/2 × 14  , 8 1/2 × 11                                                                                                                                                                      | <sup>*6</sup>  |
| Envelopes                                                                                   |  <b>Region A</b><br>Vertical: 100.0–330.2 mm <sup>*4</sup><br>Horizontal: 139.7–487.7 mm <sup>*5</sup><br> <b>Region B</b><br>Vertical: 3.94–13.00 inches <sup>*4</sup><br>Horizontal: 5.50–19.20 inches <sup>*5</sup>                                                             | 10 sheets      |

<sup>\*1</sup> Select the paper size. For details, see "Changing Tray Paper Settings", Paper Settings .

<sup>\*2</sup> The paper sizes specified above cannot be used if the LCT is installed.

<sup>\*3</sup> Enter the paper size. For details, see "Changing Tray Paper Settings", Paper Settings .

<sup>\*4</sup> When the LCT is installed, the maximum custom width is 305.0 mm (12.1 inches). When the two-tray or three-tray wide LCT is installed, the maximum custom width is 330.2mm (13.1 inches). Also note that when the banner sheet tray of multi bypass tray (Tray 7) is installed, the minimum vertical size of custom paper changes depending on the horizontal size as shown below:

Horizontal: 139.7–487.7 mm (5.50–19.20 inches); vertical: 100 mm (3.93 inches) or more  
Horizontal: 487.7–700.0 mm (19.20–27.55 inches); vertical: 210 mm (8.27 inches) or more

<sup>\*5</sup> When the banner sheet tray is installed, the maximum horizontal length of custom size paper is 700.0 mm (27.55 inches).

<sup>\*6</sup> Do not stack paper over the limit mark. The maximum number of sheets you can set at once depends on the paper's thickness and condition.

<sup>\*7</sup> The tab fence is required.

**LCT (Trays 4 and 5)**

| Paper type and weight                                                                       | Paper size                                                                                        | Paper capacity |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------|
| 52.3–216.0 g/m <sup>2</sup> (14.0 lb. Bond–79.9 lb. Cover)<br>Paper Weight 1–Paper Weight 5 | Select the paper size using the paper size selector:<br>A4, A5, B5 JIS, 8 1/2 × 11, 5 1/2 × 8 1/2 | 1,000 sheets   |
| Translucent paper                                                                           | A4, B5 JIS                                                                                        | *1             |
| Label paper <sup>*2</sup>                                                                   | A4, 8 1/2 × 11                                                                                    | *1             |
| OHP transparencies                                                                          | A4, 8 1/2 × 11                                                                                    | *1             |
| Tab stock <sup>*3</sup>                                                                     | A4, 8 1/2 × 11                                                                                    | *1             |

\*1 Do not stack paper over the limit mark. The maximum number of sheets you can set at once depends on the paper's thickness and condition.

\*2 You can load paper into Tray 5 only.

\*3 The tab sheet holder is required.

**LCT (Tray 6)**

| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                 | Paper capacity |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 52.3–163.0 g/m <sup>2</sup> (14.0 lb. Bond–60.0 lb. Cover)<br>Paper Weight 1–Paper Weight 4 |  <b>Region A</b><br>A4<br> <b>Region B</b><br>8 1/2 × 11                                                             | 2,550 sheets   |
| 52.3–163.0 g/m <sup>2</sup> (14.0 lb. Bond–60.0 lb. Cover)<br>Paper Weight 1–Paper Weight 4 | *1<br> <b>Region A</b><br>A5, B5 JIS, 8 1/2 × 11, 5 1/2 × 8 1/2<br> <b>Region B</b><br>A4, A5, B5 JIS, 5 1/2 × 8 1/2 | 2,550 sheets   |
| Translucent paper                                                                           | A4, B5 JIS                                                                                                                                                                                                                                                                                 | *2             |
| OHP transparencies                                                                          | A4, 8 1/2 × 11                                                                                                                                                                                                                                                                             | *2             |



- \*1 To load paper any of the sizes specified above, contact your service representative.
- \*2 Do not stack paper over the limit mark. The maximum number of sheets you can set at once depends on the paper's thickness and condition.

### Three-tray wide LCT (Trays 4 and 6)

| Paper type and weight                                                                        | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Paper capacity |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 52.3–256.0 g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 | <p>Paper sizes that can be detected automatically:</p> <p> <b>Region A</b></p> <p>A3, A4, A5, B4 JIS, B5 JIS, 11 × 17, 8<sup>1</sup>/<sub>2</sub> × 11, 8 × 13, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>, 12 × 18</p> <p> <b>Region B</b></p> <p>A3, A4, A5, B4 JIS, B5 JIS, 11 × 17, 8<sup>1</sup>/<sub>2</sub> × 11, 8 × 13, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>, SRA3</p> | 1,000 sheets   |

| Paper type and weight                                                                        | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Paper capacity |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 52.3–256.0 g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 | <p>Select the paper size using the Tray Paper Settings menu:</p> <p> <b>Region A</b></p> <p>A6<sup>*1</sup>, B5 JIS<sup>□</sup>, B6 JIS<sup>□</sup><sup>*1</sup>, 8<sup>1</sup>/<sub>2</sub> × 14<sup>□</sup>, 8<sup>1</sup>/<sub>2</sub> × 13<sup>□</sup>, 8<sup>1</sup>/<sub>2</sub> × 11<sup>□</sup>, 8<sup>1</sup>/<sub>4</sub> × 14<sup>□</sup>, 8<sup>1</sup>/<sub>4</sub> × 13<sup>□</sup>, 8 × 10<sup>□</sup>, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub><sup>□</sup>, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub><sup>□</sup>, 8K<sup>□</sup>, 16K<sup>□</sup>, 11 × 15<sup>□</sup>, 11 × 14<sup>□</sup>, 10 × 15<sup>□</sup>, 10 × 14<sup>□</sup>, 13 × 19<sup>1</sup>/<sub>5</sub><sup>□</sup>, 13 × 19<sup>□</sup>, 12<sup>3</sup>/<sub>5</sub> × 19<sup>1</sup>/<sub>5</sub><sup>□</sup>, 12<sup>3</sup>/<sub>5</sub> × 18<sup>1</sup>/<sub>2</sub><sup>□</sup>, 13 × 18<sup>□</sup>, SRA3<sup>□</sup>, SRA4<sup>□</sup>, 226 × 310 mm<sup>□</sup>, 310 × 432 mm<sup>□</sup>, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub><sup>□</sup></p> <p> <b>Region B</b></p> <p>A4<sup>□</sup>, A5<sup>□</sup>, A6<sup>□</sup><sup>*1</sup>, B5 JIS<sup>□</sup>, B6 JIS<sup>□</sup><sup>*1</sup>, 8<sup>1</sup>/<sub>2</sub> × 14<sup>□</sup>, 8<sup>1</sup>/<sub>2</sub> × 13<sup>□</sup>, 8<sup>1</sup>/<sub>4</sub> × 14<sup>□</sup>, 8<sup>1</sup>/<sub>4</sub> × 13<sup>□</sup>, 8 × 10<sup>□</sup>, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub><sup>□</sup>, 8K<sup>□</sup>, 16K<sup>□</sup>, 11 × 15<sup>□</sup>, 11 × 14<sup>□</sup>, 10 × 15<sup>□</sup>, 10 × 14<sup>□</sup>, 13 × 19<sup>1</sup>/<sub>5</sub><sup>□</sup>, 13 × 19<sup>□</sup>, 12<sup>3</sup>/<sub>5</sub> × 19<sup>1</sup>/<sub>5</sub><sup>□</sup>, 12<sup>3</sup>/<sub>5</sub> × 18<sup>1</sup>/<sub>2</sub><sup>□</sup>, 13 × 18<sup>□</sup>, 12 × 18<sup>□</sup>, SRA4<sup>□</sup>, 226 × 310 mm<sup>□</sup>, 310 × 432 mm<sup>□</sup>, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub><sup>□</sup></p> | 1,000 sheets   |
| 52.3–256.0 g/m <sup>2</sup> (14.0 lb. Bond–141.0 lb. Index)<br>Paper Weight 1–Paper Weight 6 | <p>Custom size:</p> <p> <b>Region A</b></p> <p>Vertical: 100.0–330.2 mm<sup>*1</sup><br/>Horizontal: 139.7–487.7 mm</p> <p> <b>Region B</b></p> <p>Vertical: 3.94–13.00 inches<sup>*1</sup><br/>Horizontal: 5.50–19.20 inches</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1,000 sheets   |

| Paper type and weight                                                                                                                 | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                         | Paper capacity |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Coated: Glossy<br>Coated: Matte<br>52.3–256.0 g/m <sup>2</sup> (14.0 lb.<br>Bond–141.0 lb. Index)<br>Paper Weight 1–Paper<br>Weight 6 | Paper sizes that can be detected<br>automatically:<br> <b>Region A</b><br>A3, A4, A5, B4 JIS, B5 JIS, 11 × 17, 8 1/2 × 11, 8 × 13, 5 1/2 × 8 1/2, 12 × 18<br> <b>Region B</b><br>A3, A4, A5, B4 JIS, B5 JIS, 11 × 17, 8 1/2 × 11, 8 × 13, 5 1/2 × 8 1/2, 12 × 18 | –              |

| Paper type and weight                                                                                                                 | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Paper capacity |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Coated: Glossy<br>Coated: Matte<br>52.3–256.0 g/m <sup>2</sup> (14.0 lb.<br>Bond–141.0 lb. Index)<br>Paper Weight 1–Paper<br>Weight 6 | Select the paper size using the<br>Tray Paper Settings menu:<br> <b>Region A</b><br>A6 <sup>*1</sup> , B5 JIS <sup>□</sup> , B6 JIS <sup>□</sup> <sup>*1</sup> ,<br>8 <sup>1</sup> / <sub>2</sub> × 14 <sup>□</sup> , 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>□</sup> , 8 <sup>1</sup> / <sub>2</sub> × 11 <sup>□</sup> , 8 <sup>1</sup> / <sub>4</sub> × 14 <sup>□</sup> , 8 <sup>1</sup> / <sub>4</sub> × 13 <sup>□</sup> ,<br>8 × 10 <sup>□</sup> , 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> <sup>□</sup> ,<br>5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> <sup>□</sup> , 8K <sup>□</sup> , 16K <sup>□</sup> ,<br>11 × 15 <sup>□</sup> , 11 × 14 <sup>□</sup> , 10 × 15 <sup>□</sup> ,<br>10 × 14 <sup>□</sup> , 13 × 19 <sup>1</sup> / <sub>5</sub> <sup>□</sup> ,<br>13 × 19 <sup>□</sup> , 12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> <sup>□</sup> ,<br>12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> <sup>□</sup> , 13 × 18 <sup>□</sup> ,<br>SRA3 <sup>□</sup> , SRA4 <sup>□</sup> , 226 × 310<br>mm <sup>□</sup> , 310 × 432 mm <sup>□</sup> , 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> <sup>□</sup><br><br> <b>Region B</b><br>A4 <sup>□</sup> , A5 <sup>□</sup> , A6 <sup>□</sup> <sup>*1</sup> , B5 JIS <sup>□</sup> ,<br>B6 JIS <sup>□</sup> <sup>*1</sup> , 8 <sup>1</sup> / <sub>2</sub> × 14 <sup>□</sup> , 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>□</sup> ,<br>8 <sup>1</sup> / <sub>4</sub> × 14 <sup>□</sup> , 8 <sup>1</sup> / <sub>4</sub> × 13 <sup>□</sup> ,<br>8 × 10 <sup>□</sup> , 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> <sup>□</sup> ,<br>8K <sup>□</sup> , 16K <sup>□</sup> , 11 × 15 <sup>□</sup> , 11 × 14 <sup>□</sup> ,<br>10 × 15 <sup>□</sup> , 10 × 14 <sup>□</sup> , 13 × 19 <sup>1</sup> / <sub>5</sub> <sup>□</sup> ,<br>13 × 19 <sup>□</sup> , 12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> <sup>□</sup> , 12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> <sup>□</sup> ,<br>13 × 18 <sup>□</sup> , SRA3 <sup>□</sup> , SRA4 <sup>□</sup> , 226 × 310 mm <sup>□</sup> ,<br>310 × 432 mm <sup>□</sup> , 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> <sup>□</sup> | –              |
| Coated: Glossy<br>Coated: Matte<br>52.3–256.0 g/m <sup>2</sup> (14.0 lb.<br>Bond–141.0 lb. Index)<br>Paper Weight 1–Paper<br>Weight 6 | Custom size:<br> <b>Region A</b><br>Vertical: 100.0–330.2 mm <sup>*1</sup><br>Horizontal: 139.7–487.7 mm<br><br> <b>Region B</b><br>Vertical: 3.94–13.00 inches <sup>*1</sup><br>Horizontal: 5.50–19.20 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | –              |

| Paper type and weight | Paper size                                                                                                                                                                                                                                                                                                                             | Paper capacity |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Translucent paper     | A3, A4, B5 JIS                                                                                                                                                                                                                                                                                                                         | *2             |
| OHP transparencies    | A4, 8 1/2 × 11                                                                                                                                                                                                                                                                                                                         | *2             |
| Tab stock *3          | A4, 8 1/2 × 11                                                                                                                                                                                                                                                                                                                         | *2             |
| Envelopes             |  <b>Region A</b><br>Vertical: 100.0–330.2 mm *1<br>Horizontal: 139.7–487.7 mm<br> <b>Region B</b><br>Vertical: 3.94–13.00 inches *1<br>Horizontal: 5.50–19.20 inches | 10 sheets      |

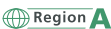
\*1 The postcard side fences are required to load paper that is between 100.0 and 139.2 mm (3.94 and 5.49 inches).

\*2 Do not stack paper over the limit mark. The maximum number of sheets you can set at once depends on the paper's thickness and condition.

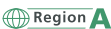
\*3 The tab fence is required.

### Three-tray wide LCT (Tray 5)

| Paper type and weight                                                                           | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                       | Paper capacity |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 40.0–300.0 g/m <sup>2</sup> (10.7 lb. Bond–165.0 lb. Index)<br>Paper Weight 0 *1–Paper Weight 7 | Paper sizes that can be detected automatically:<br> <b>Region A</b><br>A3, A4, A5, B4 JIS, B5 JIS, 11 × 17, 8 1/2 × 11, 8 × 13, 5 1/2 × 8 1/2, 12 × 18<br> <b>Region B</b><br>A3, A4, A5, B4 JIS, B5 JIS, 11 × 17, 8 1/2 × 11, 8 × 13, 5 1/2 × 8 1/2, SRA3 | 2,000 sheets   |

| Paper type and weight                                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Paper capacity |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 40.0–300.0 g/m <sup>2</sup> (10.7 lb. Bond–165.0 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 7 | Select the paper size using the Tray Paper Settings menu:<br> <b>Region A</b><br>A6□ <sup>*2</sup> , B5 JIS□, B6 JIS□ <sup>*2</sup> ,<br>8 <sup>1</sup> / <sub>2</sub> × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13□,<br>8 <sup>1</sup> / <sub>2</sub> × 11□, 8 <sup>1</sup> / <sub>4</sub> × 14□,<br>8 <sup>1</sup> / <sub>4</sub> × 13□, 8 × 10□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □,<br>8K□, 16K□,<br>11 × 15□, 11 × 14□, 10 × 15□, 10 × 14□, 13 × 19 <sup>1</sup> / <sub>5</sub> □, 13 × 19□, 12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> □, 12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> □, 13 × 18□, SRA3□, SRA4□, 226 × 310 mm□, 310 × 432 mm□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □<br> <b>Region B</b><br>A4□, A5□, A6□ <sup>*2</sup> , B5 JIS□, B6 JIS□ <sup>*2</sup> , 8 <sup>1</sup> / <sub>2</sub> × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13□, 8 <sup>1</sup> / <sub>4</sub> × 14□, 8 <sup>1</sup> / <sub>4</sub> × 13□, 8 × 10□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, 8K□, 16K□,<br>11 × 15□, 11 × 14□, 10 × 15□, 10 × 14□, 13 × 19 <sup>1</sup> / <sub>5</sub> □, 13 × 19□, 12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> □, 12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> □, 13 × 18□, 12 × 18□, SRA4□, 226 × 310 mm□, 310 × 432 mm□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □ | 2,000 sheets   |

| Paper type and weight                                                                                                                          | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Paper capacity |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 40.0–300.0 g/m <sup>2</sup> (10.7 lb. Bond–165.0 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 7                                    | Custom size:<br> Region <b>A</b><br>Vertical: 100.0–330.2 mm <sup>*2</sup><br>Horizontal: 139.7–487.7 mm<br> Region <b>B</b><br>Vertical: 3.94–13.00 inches <sup>*2</sup><br>Horizontal: 5.50–19.20 inches                                                                                                                                                                                                                                | 2,000 sheets   |
| Coated: Glossy<br>Coated: Matte<br>40.0–300.0 g/m <sup>2</sup> (10.7 lb. Bond–165.0 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 7 | Paper sizes that can be detected automatically:<br> Region <b>A</b><br>A3□, A4□□, A5□□, B4 JIS□, B5 JIS□, 11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 11□, 8 × 13□, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □, 12 × 18□<br> Region <b>B</b><br>A3□, A4□, A5□, B4 JIS□, B5 JIS□, 11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 11□□, 8 × 13□, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □□, 12 × 18□ | –              |

| Paper type and weight                                                                                                                                | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Paper capacity |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Coated: Glossy<br>Coated: Matte<br>40.0–300.0 g/m <sup>2</sup> (10.7 lb.<br>Bond–165.0 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper<br>Weight 7 | Select the paper size using the<br>Tray Paper Settings menu:<br> <b>Region A</b><br>A6 <sup>*</sup> , B5 JIS <sup>*</sup> , B6 JIS <sup>*</sup> ,<br>8 <sup>1</sup> / <sub>2</sub> × 14 <sup>*</sup> , 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>*</sup> ,<br>8 <sup>1</sup> / <sub>2</sub> × 11 <sup>*</sup> , 8 <sup>1</sup> / <sub>4</sub> × 14 <sup>*</sup> ,<br>8 <sup>1</sup> / <sub>4</sub> × 13 <sup>*</sup> , 8 × 10 <sup>*</sup> , 7 <sup>1</sup> / <sub>4</sub><br>× 10 <sup>1</sup> / <sub>2</sub> <sup>*</sup> , 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> <sup>*</sup> ,<br>8K <sup>*</sup> , 16K <sup>*</sup> ,<br>11 × 15 <sup>*</sup> , 11 × 14 <sup>*</sup> , 10 ×<br>15 <sup>*</sup> , 10 × 14 <sup>*</sup> , 13 ×<br>19 <sup>1</sup> / <sub>5</sub> <sup>*</sup> , 13 × 19 <sup>*</sup> , 12 <sup>3</sup> / <sub>5</sub><br>× 19 <sup>1</sup> / <sub>5</sub> <sup>*</sup> , 12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> <sup>*</sup> ,<br>13 × 18 <sup>*</sup> , SRA3 <sup>*</sup> ,<br>SRA4 <sup>*</sup> , 226 × 310 mm <sup>*</sup><br>310 × 432 mm <sup>*</sup> , 8 <sup>1</sup> / <sub>2</sub> ×<br>13 <sup>2</sup> / <sub>5</sub> <sup>*</sup><br> <b>Region B</b><br>A4 <sup>*</sup> , A5 <sup>*</sup> , A6 <sup>*</sup> , B5 JIS<br><sup>*</sup> , B6 JIS <sup>*</sup> , 8 <sup>1</sup> / <sub>2</sub> × 14 <sup>*</sup> ,<br>8 <sup>1</sup> / <sub>2</sub> × 13 <sup>*</sup> , 8 <sup>1</sup> / <sub>4</sub> × 14 <sup>*</sup> ,<br>8 <sup>1</sup> / <sub>4</sub> × 13 <sup>*</sup> , 8 × 10 <sup>*</sup> , 7 <sup>1</sup> / <sub>4</sub><br>× 10 <sup>1</sup> / <sub>2</sub> <sup>*</sup> , 8K <sup>*</sup> , 16K <sup>*</sup> ,<br>11 × 15 <sup>*</sup> , 11 × 14 <sup>*</sup> , 10 ×<br>15 <sup>*</sup> , 10 × 14 <sup>*</sup> , 13 ×<br>19 <sup>1</sup> / <sub>5</sub> <sup>*</sup> , 13 × 19 <sup>*</sup> , 12 <sup>3</sup> / <sub>5</sub><br>× 19 <sup>1</sup> / <sub>5</sub> <sup>*</sup> , 12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> <sup>*</sup> ,<br>13 × 18 <sup>*</sup> , SRA3 <sup>*</sup> ,<br>SRA4 <sup>*</sup> , 226 × 310 mm <sup>*</sup><br>310 × 432 mm <sup>*</sup> , 8 <sup>1</sup> / <sub>2</sub> ×<br>13 <sup>2</sup> / <sub>5</sub> <sup>*</sup> | –              |



| Paper type and weight                                                                                                                          | Paper size                                                                                                                                                                                                                                                                                                                                                     | Paper capacity |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Coated: Glossy<br>Coated: Matte<br>40.0–300.0 g/m <sup>2</sup> (10.7 lb. Bond–165.0 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 7 | Custom size:<br> Region A<br>Vertical: 100.0–330.2 mm <sup>*2</sup><br>Horizontal: 139.7–487.7 mm<br> Region B<br>Vertical: 3.94–13.00 inches <sup>*2</sup><br>Horizontal: 5.50–19.20 inches | –              |
| Translucent paper                                                                                                                              | A3  , A4  , B5 JIS                                                                                          | <sup>*3</sup>  |
| OHP transparencies                                                                                                                             | A4  , 8 <sup>1</sup> / <sub>2</sub> × 11                                                                                                                                                     | <sup>*3</sup>  |
| Tab stock <sup>*4</sup>                                                                                                                        | A4  , 8 <sup>1</sup> / <sub>2</sub> × 11                                                                                                                                                     | <sup>*3</sup>  |
| Label paper                                                                                                                                    | A4  , 8 <sup>1</sup> / <sub>2</sub> × 11                                                                                                                                                     | <sup>*3</sup>  |
| Envelopes                                                                                                                                      |  Region A<br>Vertical: 100.0–330.2 mm <sup>*2</sup><br>Horizontal: 139.7–487.7 mm<br> Region B<br>Vertical: 3.94–13.00 inches <sup>*2</sup><br>Horizontal: 5.50–19.20 inches              | 10 sheets      |

<sup>\*1</sup> When a paper jam occurs while printing is performed on paper of Paper Weight 0, pull out the drawer unit check that there is no paper left inside the upper part of the machine, and then remove the paper. Also, confirm the paper feed direction and set the paper in the direction so that the grain direction is aligned with the feed direction.

<sup>\*2</sup> The postcard side fences are required to load paper that is between 100.0 and 139.2 mm (3.94 and 5.49 inches).

<sup>\*3</sup> Do not stack paper over the limit mark. The maximum number of sheets you can set at once depends on the paper's thickness and condition.

<sup>\*4</sup> The tab fence is required.

Two-tray wide LCT (Trays T1 to T4)

| Paper type and weight                                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Paper capacity |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 40.0–350.0 g/m <sup>2</sup> (10.7 lb. Bond–193.3 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 8 | <p>Paper sizes that can be detected automatically:</p> <p> <b>Region A</b></p> <p>A3□, A4□□, A5□□, B4 JIS□, 11 × 17□, 8<sup>1</sup>/<sub>2</sub> × 14□, 8<sup>1</sup>/<sub>2</sub> × 11□, 8 × 13□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□, 12 × 18□, 13 × 19<sup>1</sup>/<sub>5</sub>□, SRA3□, SRA4□</p> <p> <b>Region B</b></p> <p>A3□, A4□, A5□, B4 JIS□, 11 × 17□, 8<sup>1</sup>/<sub>2</sub> × 14□, 8<sup>1</sup>/<sub>2</sub> × 11□□, 8 × 13□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□□, 12 × 18□, 13 × 19<sup>1</sup>/<sub>5</sub>□, SRA3□, SRA4□</p> | 2,400 sheets   |

| Paper type and weight                                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Paper capacity |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 40.0–350.0 g/m <sup>2</sup> (10.7 lb. Bond–193.3 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 8 | <p>Select the paper size using the Tray Paper Settings menu:</p> <p> <b>Region A</b></p> <p>A6□, B5 JIS□, B6 JIS□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>2</sub> × 11□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 10□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□,</p> <p>11 × 15□, 11 × 14□, 10 × 15□, 10 × 14□, 13 × 19□, 12<sup>3</sup>/<sub>5</sub> × 19<sup>1</sup>/<sub>5</sub>□, 12<sup>3</sup>/<sub>5</sub> × 18<sup>1</sup>/<sub>2</sub>□, 13 × 18□, SRA4□, 226 × 310 mm□, 310 × 432 mm□, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub>□</p> <p> <b>Region B</b></p> <p>A4□, A5□, A6□, B5 JIS□, B6 JIS□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 10□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□, 11 × 15□, 11 × 14□,</p> <p>10 × 15□, 10 × 14□, 13 × 19□, 12<sup>3</sup>/<sub>5</sub> × 19<sup>1</sup>/<sub>5</sub>□, 12<sup>3</sup>/<sub>5</sub> × 18<sup>1</sup>/<sub>2</sub>□, 13 × 18□, SRA4□, 226 × 310 mm□, 310 × 432 mm□, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub>□</p> | 2,400 sheets   |
| 40.0–350.0 g/m <sup>2</sup> (10.7 lb. Bond–193.3 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 8 | <p>Custom size:</p> <p> <b>Region A</b></p> <p>Vertical: 100.0–330.2 mm<br/>Horizontal: 139.7–487.7 mm</p> <p> <b>Region B</b></p> <p>Vertical: 3.94–13.00 inches<br/>Horizontal: 5.50–19.20 inches</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,400 sheets   |

| Paper type and weight                                                                                                                          | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Paper capacity |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Coated: Glossy<br>Coated: Matte<br>40.0–350.0 g/m <sup>2</sup> (10.7 lb. Bond–193.3 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 8 | Paper sizes that can be detected automatically:<br> <b>Region A</b><br>A3□, A4□, A5□, B4 JIS□, 11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 14□, 8 <sup>1</sup> / <sub>2</sub> × 11□, 8 × 13□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □, 12 × 18□, 13 × 19 <sup>1</sup> / <sub>5</sub> □, SRA3□, SRA4□<br> <b>Region B</b><br>A3□, A4□, A5□, B4 JIS□, 11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 14□, 8 <sup>1</sup> / <sub>2</sub> × 11□, 8 × 13□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □, 12 × 18□, 13 × 19 <sup>1</sup> / <sub>5</sub> □, SRA3□, SRA4□                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | –              |
| Coated: Glossy<br>Coated: Matte<br>40.0–350.0 g/m <sup>2</sup> (10.7 lb. Bond–193.3 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 8 | Select the paper size using the Tray Paper Settings menu:<br> <b>Region A</b><br>B5 JIS□, 8 <sup>1</sup> / <sub>2</sub> × 13□, 8 <sup>1</sup> / <sub>2</sub> × 11□, 8 <sup>1</sup> / <sub>4</sub> × 14□, 8 <sup>1</sup> / <sub>4</sub> × 13□, 8 × 10□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □, 8K□, 16K□, 11 × 15□, 11 × 14□, 10 × 15□, 10 × 14□, 13 × 19□, 12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> □, 12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> □, 13 × 18□, SRA4□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □<br> <b>Region B</b><br>A4□, A5□, B5 JIS□, 8 <sup>1</sup> / <sub>2</sub> × 13□, 8 <sup>1</sup> / <sub>4</sub> × 14□, 8 <sup>1</sup> / <sub>4</sub> × 13□, 8 × 10□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, 8K□, 16K□, 11 × 15□, 11 × 14□, 10 × 15□, 10 × 14□, 13 × 19□, 12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> □, 12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> □, 13 × 18□, SRA4□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □ | –              |

| Paper type and weight                                                                                                                          | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Paper capacity |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Coated: Glossy<br>Coated: Matte<br>40.0–350.0 g/m <sup>2</sup> (10.7 lb. Bond–193.3 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 8 | Custom size:<br> <b>Region A</b><br>Vertical: 139.7–330.2 mm<br>Horizontal: 139.7–487.7 mm<br> <b>Region B</b><br>Vertical: 5.50–13.00 inches<br>Horizontal: 5.50–19.20 inches                                                                                                                                                                                                          | –              |
| Translucent paper                                                                                                                              | A3□, A4□, B5 JIS□                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | *2             |
| OHP transparencies <sup>*3</sup>                                                                                                               | A4□, 8 1/2 × 11□                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | *2             |
| Tab stock <sup>*4</sup>                                                                                                                        | A4□, 8 1/2 × 11□                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | –              |
| Label paper                                                                                                                                    | A4□, 8 1/2 × 11□                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | –              |
| Envelopes                                                                                                                                      | *5, *6, *7<br>240 × 332 mm, 235 × 120 mm,<br>120 × 235 mm, 105 × 241 mm,<br>110 × 220 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10 sheets      |
| Carbonless paper <sup>*8</sup><br>40.0–350.0 g/m <sup>2</sup> (10.7 lb. Bond–193.3 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 8  | Paper sizes that can be detected automatically:<br> <b>Region A</b><br>A3□, A4□, A5□, B4 JIS□, 11 × 17□, 8 1/2 × 14□, 8 1/2 × 11□, 8 × 13□, 7 1/4 × 10 1/2□, 5 1/2 × 8 1/2□, 12 × 18□, 13 × 19 1/5□, SRA3□, SRA4□<br> <b>Region B</b><br>A3□, A4□, A5□, B4 JIS□, 11 × 17□, 8 1/2 × 14□, 8 1/2 × 11□, 8 × 13□, 7 1/4 × 10 1/2□, 5 1/2 × 8 1/2□, 12 × 18□, 13 × 19 1/5□, SRA3□, SRA4□ | –              |

| Paper type and weight                                                                                                                         | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Paper capacity |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Carbonless paper <sup>*8</sup><br>40.0–350.0 g/m <sup>2</sup> (10.7 lb. Bond–193.3 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 8 | <p>Select the paper size using the Tray Paper Settings menu:</p> <p> <b>Region A</b></p> <p>A6□, B5 JIS□, B6 JIS□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>2</sub> × 11□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 10□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□,</p> <p>11 × 15□, 11 × 14□, 10 × 15□, 10 × 14□, 13 × 19□, 12<sup>3</sup>/<sub>5</sub> × 19<sup>1</sup>/<sub>5</sub>□, 12<sup>3</sup>/<sub>5</sub> × 18<sup>1</sup>/<sub>2</sub>□, 13 × 18□, SRA4□, 226 × 310 mm□, 310 × 432 mm□, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub>□</p> <p> <b>Region B</b></p> <p>A4□, A5□, A6□, B5 JIS□, B6 JIS□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 10□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□, 11 × 15□, 11 × 14□,</p> <p>10 × 15□, 10 × 14□, 13 × 19□, 12<sup>3</sup>/<sub>5</sub> × 19<sup>1</sup>/<sub>5</sub>□, 12<sup>3</sup>/<sub>5</sub> × 18<sup>1</sup>/<sub>2</sub>□, 13 × 18□, SRA4□, 226 × 310 mm□, 310 × 432 mm□, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub>□</p> | –              |
| Carbonless paper <sup>*8</sup><br>40.0–350.0 g/m <sup>2</sup> (10.7 lb. Bond–193.3 lb. Index)<br>Paper Weight 0 <sup>*1</sup> –Paper Weight 8 | <p>Custom size:</p> <p> <b>Region A</b></p> <p>Vertical: 100.0–330.2 mm<br/>Horizontal: 139.7–487.7 mm</p> <p> <b>Region B</b></p> <p>Vertical: 3.94–13.00 inches<br/>Horizontal: 5.50–19.20 inches</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | –              |
| Perforated paper <sup>*9</sup>                                                                                                                | A4□                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | –              |

- \*1 When a paper jam occurs while printing is performed on paper of Paper Weight 0, pull out the drawer unit check that there is no paper left inside the upper part of the machine, and then remove the paper. Also, confirm the paper feed direction and set the paper in the direction so that the grain direction is aligned with the feed direction.
- \*2 The maximum number of sheets you can set at once depends on the paper's thickness and condition.
- \*3 Fan the paper thoroughly so that the sheets do not stick to each other when reloading the paper that has been output.
- \*4 The tab fence is required.
- \*5 Open the flaps, and load the envelopes with their flaps pointed toward the right side of the paper tray.
- \*6 Enter the sizes of the envelopes including their flap sizes using the Tray Paper Settings function.
- \*7 Sizes do not include flap sizes.
- \*8 Attach the tab fence (small) when loading NCR paper of paper weight 0.
- \*9 Affix the magnet sheet on the end fence.

### Interposer

| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Paper capacity |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 64.0–216.0 g/m <sup>2</sup> (17.1 lb. Bond–79.9 lb. Cover)<br>Paper Weight 2–Paper Weight 5 | Paper sizes that can be detected automatically:<br> <b>Region A</b><br>A3□, A4□□, A5□□, B4 JIS□, B5 JIS□, 11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 11□, 8 × 13□, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □, 12 × 18□<br><br> <b>Region B</b><br>A3□, A4□, A5□, B4 JIS□, B5 JIS□, 11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 11□□, 8 × 13□, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □□, 12 × 18□ | 220 sheets × 2 |

| Paper type and weight                                                                       | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Paper capacity |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 64.0–216.0 g/m <sup>2</sup> (17.1 lb. Bond–79.9 lb. Cover)<br>Paper Weight 2–Paper Weight 5 | <p>Select the paper size using the Tray Paper Settings menu:</p> <p> <b>Region A</b></p> <p>B5 JIS, 8 1/2 × 14, 8 1/2 × 13, 8 1/2 × 11, 8 1/4 × 14, 8 1/4 × 13, 8 × 10, 7 1/4 × 10 1/2, 5 1/2 × 8 1/2, 8K, 16K,</p> <p>11 × 15, 11 × 14, 10 × 15, 10 × 14, 13 × 19 1/5, 13 × 19, 12 3/5 × 19 1/5, 12 3/5 × 18 1/2, 13 × 18, SRA3, SRA4, 226 × 310 mm, 310 × 432 mm, 8 1/2 × 13 2/5</p> <p> <b>Region B</b></p> <p>A4, A5, B5 JIS, 8 1/2 × 14, 8 1/2 × 13, 8 1/4 × 14, 8 1/4 × 13, 8 × 10, 7 1/4 × 10 1/2, 8K, 16K, 11 × 15,</p> <p>11 × 14, 10 × 15, 10 × 14, 13 × 19 1/5, 13 × 19, 12 3/5 × 19 1/5, 12 3/5 × 18 1/2, 13 × 18, SRA3, SRA4, 226 × 310 mm, 310 × 432 mm, 8 1/2 × 13 2/5</p> | 220 sheets × 2 |
| 64.0–216.0 g/m <sup>2</sup> (17.1 lb. Bond–79.9 lb. Cover)<br>Paper Weight 2–Paper Weight 5 | <p>Custom size:</p> <p> <b>Region A</b></p> <p>Vertical: 139.7–330.2 mm<br/>Horizontal: 139.7–487.7 mm</p> <p> <b>Region B</b></p> <p>Vertical: 5.50–13.00 inches<br/>Horizontal: 5.50–19.20 inches</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 220 sheets × 2 |



## Interposer of the perfect binder

| Paper type and weight                                                                        | Paper size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Paper capacity                            |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 90.0–300.0 g/m <sup>2</sup> (24.1 lb. Bond–165.0 lb. Index)<br>Paper Weight 3–Paper Weight 7 | Paper sizes that can be detected automatically:<br> <b>Region A</b><br>A3□, 8K□, 13 × 19□<br> <b>Region B</b><br>11 × 17□, 12 × 18□, 13 × 19□                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 200 sheets (or up to 24 mm in height) × 2 |
| 90.0–300.0 g/m <sup>2</sup> (24.1 lb. Bond–165.0 lb. Index)<br>Paper Weight 3–Paper Weight 7 | Select the paper size using the Tray Paper Settings menu:<br> <b>Region A</b><br>B4 JIS□, 11 × 17□, 12 × 18□, 11 × 15□, 13 × 19 <sup>1</sup> / <sub>5</sub> □, 12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> □, 12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> □, 13 × 18□, SRA3□, 310 × 432 mm□<br> <b>Region B</b><br>A3□, B4 JIS□, 8K□, 11 × 15□, 13 × 19 <sup>1</sup> / <sub>5</sub> □, 12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> □, 12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> □, 13 × 18□, SRA3□, 310 × 432 mm□ | 200 sheets (or up to 24 mm in height) × 2 |
| 90.0–300.0 g/m <sup>2</sup> (24.1 lb. Bond–165.0 lb. Index)<br>Paper Weight 3–Paper Weight 7 | Custom size:<br> <b>Region A</b><br>Vertical: 257.0–330.2 mm<br>Horizontal: 364.0–487.7 mm<br> <b>Region B</b><br>Vertical: 10.12–13.00 inches<br>Horizontal: 14.34–19.20 inches                                                                                                                                                                                                                                                                                                                                                                                                                  | 200 sheets (or up to 24 mm in height) × 2 |

## Paper thickness

| Paper thickness <sup>*1</sup> | Metric                          | Bond paper            | Cover paper              | Index paper              |
|-------------------------------|---------------------------------|-----------------------|--------------------------|--------------------------|
| Paper Weight 0 <sup>*2</sup>  | 40.0–52.2<br>g/m <sup>2</sup>   | 10.7–13.9 lb.<br>Bond | 14.8–18.9 lb.<br>Cover   | 22.1–28.9 lb.<br>Index   |
| Paper Weight 1 <sup>*2</sup>  | 52.3–63.0<br>g/m <sup>2</sup>   | 14.0–16.9 lb.<br>Bond | 19.0–23.0 lb.<br>Cover   | 29.0–34.9 lb.<br>Index   |
| Paper Weight 2                | 63.1–80.0<br>g/m <sup>2</sup>   | 17.0–21.0 lb.<br>Bond | 23.1–29.9 lb.<br>Cover   | 35.0–44.0 lb.<br>Index   |
| Paper Weight 3                | 80.1–105.0<br>g/m <sup>2</sup>  | 21.1–28.0 lb.<br>Bond | 30.0–38.9 lb.<br>Cover   | 44.1–58.0 lb.<br>Index   |
| Paper Weight 4                | 105.1–163.0<br>g/m <sup>2</sup> | 28.1–43.0 lb.<br>Bond | 39.0–60.0 lb.<br>Cover   | 58.1–90.0 lb.<br>Index   |
| Paper Weight 5                | 163.1–220.0<br>g/m <sup>2</sup> | 43.1–58.9 lb.<br>Bond | 60.1–80.9 lb.<br>Cover   | 90.1–121.0 lb.<br>Index  |
| Paper Weight 6                | 220.1–256.0<br>g/m <sup>2</sup> | 59.0–68.0 lb.<br>Bond | 81.0–94.0 lb.<br>Cover   | 121.1–141.0 lb.<br>Index |
| Paper Weight 7                | 256.1–300.0<br>g/m <sup>2</sup> | 68.1–80.0 lb.<br>Bond | 94.1–110.0 lb.<br>Cover  | 141.1–165.0 lb.<br>Index |
| Paper Weight 8                | 300.1–350.0<br>g/m <sup>2</sup> | 80.1–93.3 lb.<br>Bond | 110.1–128.8 lb.<br>Cover | 165.1–193.3 lb.<br>Index |

\*1 Print quality will decrease if the paper you are using is close to the minimum or maximum weight. Change the paper weight setting to thinner or thicker.

\*2 When loading paper of 40.0–63.0 g/m<sup>2</sup> (10.7–16.9 lb. Bond), the edges may crease or the paper misfeed depending on the paper type.

### Note

- Certain types of paper, such as translucent paper or OHP transparencies, may produce noise when delivered. This noise does not indicate a problem and print quality is unaffected.
- The paper capacity described in the tables above is an example. Actual paper capacity might be lower, depending on the paper type.
- When loading paper, make sure the stack height does not exceed the limit mark of the paper tray.
- If multiple sheet feeding occurs, fan sheets thoroughly or load sheets one by one from the multi bypass tray (Tray 7).

- You can specify whether or not the machine auto detects multi-sheet feeds in paper from every tray. In the Adjustment Settings for Operators menu, you can also specify whether current jobs are suspended or continued when a multi-sheet feed is detected. However, depending on the condition of the paper, the machine may not detect a multi-sheet feed correctly. For details about Adjustment Settings for Operators, see "Adjustment Settings for Operators", Paper Settings .
- Flatten out curled sheets before loading them.
- The Adjust Paper Curl function might not be able to fully remove curl, depending on the type of paper and the direction of its grain. If long grain paper does not uncurl properly, try short grain paper instead. For details about the Adjust Paper Curl function, see "Adjustment Settings for Operators", Paper Settings .
- Depending on the paper's size, weight, and type, the copy/print speed may be slower than usual.
- When loading thick paper of 163.1–350.0 g/m<sup>2</sup> (60.1 lb. Cover–193.3 lb. Index), see page 146 "Thick paper".
- When loading envelopes, see page 147 "Envelopes".
- When copying or printing onto letterhead paper, the paper placing orientation is different depending on which function you are using. For details, see page 116 "Loading Orientation-fixed Paper or Two-sided Paper".
- If you load paper of the same size and same type in two or more trays, the machine automatically feeds from one of the trays in which [Yes] is selected for [Apply Auto Paper Select] when the first tray in use runs out of paper. This function is called Auto Tray Switching. This saves interrupting a copy run to replenish paper when making a large number of copies. You can specify the paper type of the paper trays under [Paper Type] tab. For details, see "Tray Paper Settings", Paper Settings . For the setting procedure of the Auto Tray Switching function, see "General Features", Copy/ Document Server .
- When loading label paper:
  - We recommend that you use specified label paper.
  - It is recommended to load the paper in  orientation.
  - Select [Label Paper] for [Paper Type] in [Tray Paper Settings], and select an appropriate paper thickness under [Paper Weight].
- When loading OHP transparencies:
  - We recommend that you use specified OHP transparencies.
  - It is recommended to place one sheet at a time.
  - When copying onto OHP transparencies, see "Copying onto OHP Transparencies", Copy/ Document Server .
  - Fan OHP transparencies thoroughly whenever you use them. This prevents OHP transparencies from sticking together, and from feeding incorrectly.
  - Remove copied or printed sheets one by one.
  - It is recommended to load the paper in  orientation.

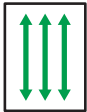
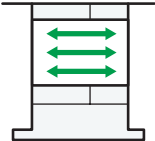
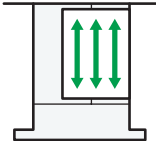
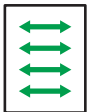
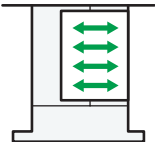
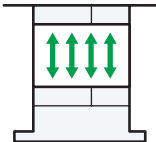
- When outputting to the high capacity stacker, specify the output tray as the stacker upper tray. For details, see "General Features", Connecting the Machine/System Settings ⑧.
- When loading translucent paper:
  - It is recommended to place one sheet at a time.
  - When loading translucent paper, always use long grain paper, and set the paper direction according to the grain.
  - Translucent paper easily absorbs humidity and becomes curled. Remove curl in the translucent paper before loading. For details about settings for flattening out curled paper, see "Adjustment Settings for Operators", Paper Settings ⑧.
  - Remove copied or printed sheets one by one.
- When loading coated paper:
  - You can load coated paper on the wide LCT. Before printing on coated paper from the three-tray wide LCT for the first time, contact your service representative.
  - If you want to use glossy paper, select [Coated: Glossy] for [Paper Type]. If you want to use matted paper (including silk, dull, and satin paper), select [Coated: Matted] for [Paper Type]. For details about the settings for using coated paper with custom paper, see "Registering a Custom Paper", Paper Settings ⑧.
  - When loading coated paper or glossy paper, always fan the paper before using it.
  - If a paper jam occurs or if the machine makes a strange noise when feeding stacks of coated paper, feed the coated paper one sheet at a time.
  - To load coated paper into the wide LCT, you must specify [Coated: Glossy] or [Coated: Matted] as the paper type and select an appropriate paper thickness under [Paper Weight].
- When using carbonless paper, note the following:
  - Carbonless paper can be used only when Two-tray Wide LCT is used along with Finisher SR 5050 or Booklet Finisher SR5060 for post-processing.
  - When using carbonless paper, do not attach other options for both the machine and Finisher SR5050 or Booklet Finisher SR5060.
  - Duplex printing cannot be performed.
  - Some types of carbonless paper have expiration dates. Purchase the amount you can use within the time limit. Contact your paper retailer regarding the expiration dates and storage methods.

## Thick paper

This section gives you various details about and recommendations concerning thick paper.

When loading thick paper of 163.1 g/m<sup>2</sup> (60.1 lb. Cover) or heavier in Trays 1–3, the wide LCT, multi bypass tray (Tray 7), or Trays 4 and 5 of the LCT, follow the recommendations below to prevent misfeeds and loss of image quality.

- When loading thick paper into Trays 1–3, be sure to load at least 20 sheets. Also, be sure to position the side fences flush against the paper stack.
- Jams and misfeeds can occur when printing on thick smooth paper. To prevent such problems, be sure to fan smooth paper thoroughly before loading them. If paper continues to become jammed or feed in together even after they are fanned, load them one by one from the multi bypass tray (Tray 7).
- When loading thick paper, set the paper direction according to its grain, as shown in the following diagram. Not doing so might cause a paper jam, marked edges or the paper edges to be folded. Using paper that is 209.0 g/m<sup>2</sup> (77.4 lb. Cover) or heavier may also cause a paper jam.

| Direction of paper grain                                                          | Paper 64.0 g/m <sup>2</sup> (17.1 lb. Bond) or less                                | Paper heavier than 64.0 g/m <sup>2</sup> (17.1 lb. Bond)                            |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |   |   |
|  |  |  |

#### Note

- Select [Paper Weight 5], [Paper Weight 6], [Paper Weight 7], or [Paper Weight 8] as the paper thickness for the tray in [Tray Paper Settings].
- Even if thick paper is loaded as described above, normal operations and print quality might still not be possible, depending on the paper type.
- Prints might have prominent vertical creases.
- Prints might be noticeably curled. Flatten out prints if they are creased or curled. For details about settings for flattening out curled paper, see "Adjustment Settings for Operators", Paper Settings .

## Envelopes

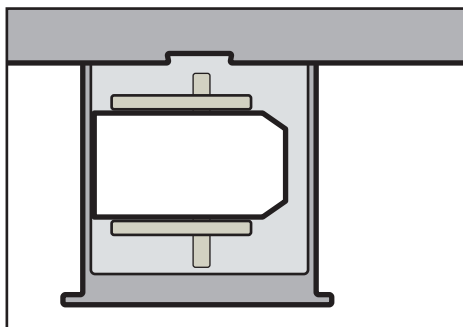
This section describes loading envelopes.

#### Important

- Misfeeds might occur depending on the length and shape of the flaps.
- Make sure that there is no curling, floating, or peeling of the releasing paper on envelopes with adhesive flaps. A paper jam may occur if the releasing paper is curled or peeled off in any way.
- Only envelopes that are at least 139.7 mm (5.5 inches) wide can be loaded.

To print on envelopes, load them into the Wide LCT or multi bypass tray (Tray 7), and be sure to specify an appropriate paper type.

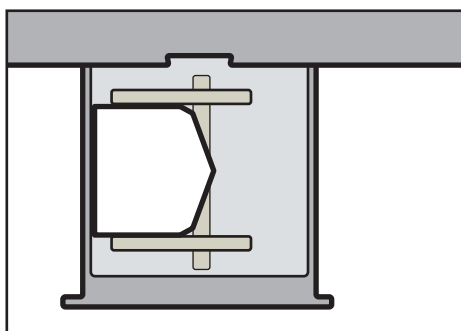
To load envelopes, be sure to unfold their flaps and set them in the  orientation with print side face up.



CDL070

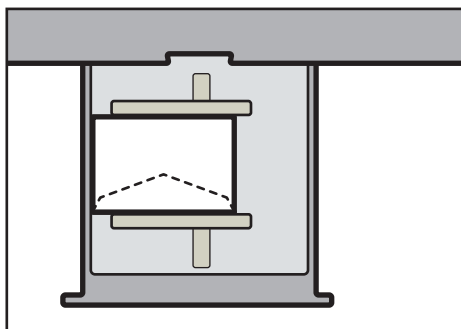
If you are copying or printing onto side-opening envelopes in the  orientation, flaps must be at the right side of the wide LCT or multi bypass tray (Tray 7). If you are copying or printing in the  orientation, flaps must be at the bottom side of the three-tray wide LCT or multi bypass tray (Tray 7). Be sure to load the envelopes with print side face up.

- Loading envelopes in the  orientation



CDL081

- Loading envelopes in the  orientation



CWW373

## Recommended envelopes

For information about recommended envelopes, contact your local dealer.

## Storage of envelopes

Keep envelopes stored in sealed plastic bags and remove only the quantity needed. Do not add envelopes during printing, as this might cause misfeeds.

### Note

- Be sure to specify the size of the envelope and flap size in [Tray Paper Settings]. For details, see "Changing to a Custom Paper Size", Paper Specifications and Adding Paper .
- When using envelopes, set [Paper Weight] in [Tray Paper Settings] to the same value as two sheets of the paper used for the envelopes.
- Before loading envelopes, press down on them to remove any air inside and to flatten any edges or creases. When loading envelopes, make sure they do not go over the limit mark.
- Place one envelope at a time if you still get any of the following results:
  - The envelope jams
  - The envelope is not fed
  - Multiple envelopes are fed at the same time
- Humidity levels of over 50% can cause envelopes to come out creased or misprinted.
- Certain types of envelopes might come out creased, dirtied, or misprinted. If you are printing a solid color or image on an envelope, lines may appear where the overlapped edges of the envelope make it thicker.
- If the horizontal size of the envelope is 297 mm (11.7 inches) or less, a paper misfeed might occur. If this happens, turn off Skew Detection. For details, see "Adjustment Settings for Operators", Paper Settings .
- When printing on envelopes thicker than 127.0 g/m<sup>2</sup> (47.0 lb. Cover), do not use [Adjust ∩ Curl: Strong] or [Adjust ∪ Curl: Strong] for [Adjust Paper Curl] of [Adjustment Settings for Operators].

## Paper Storage

- When storing paper, the following precautions should always be followed:
  - Do not store paper where it will be exposed to direct sunlight.
  - Avoid storing paper in humid areas (humidity: 70% or less).
  - Store all your thick paper in the same environment - a room where the temperature is 20–25°C (68–77°F) and the humidity is 30–65%.
  - Store on a flat surface.
  - Do not store paper vertically.
- Once opened, store paper in plastic bags.

## Registering a Custom Paper

### ★ Important

- When you print on 12 × 18 $\frac{1}{4}$  coated paper weighing 163.1 to 350.0 g/m<sup>2</sup>, be sure to use one of the following items in [Paper Name] in the Paper Library.
  - "Coated: Glossy 163.1–220.0 12x18"
  - "Coated: Glossy 220.1–256.0 12x18"
  - "Coated: Glossy 256.1–300.0 12x18"
  - "Coated: Glossy 300.1–350.0 12x18"
  - "Coated: Matted 163.1–220.0 12x18"
  - "Coated: Matted 220.1–256.0 12x18"
  - "Coated: Matted 256.1–300.0 12x18"
  - "Coated: Matted 300.1–350.0 12x18"
- Also, when you print on custom paper with a length of 297.1 to 304.8 mm (11.7 to 12.0 inches), select one of the above mentioned items in [Paper Name], and then adjust the paper size before printing.
- Printing in other configurations may affect the print quality.
- Printing on the above mentioned paper at a temperature below 15°C (59°F) may affect the print quality, so it is recommended to print at 15°C (59°F) or above.

### 8

You can register up to 100 custom papers.

Check the product name, size, and type of your paper before registering it.

Check that the size and type of your paper are compatible with the paper tray that you want to use. Tray compatibility depends on the paper's size and type. For details about the paper sizes and types that can be used, see page 120 "Recommended Paper Sizes and Types".

### ↓ Note

- When the number of registered custom papers reaches the maximum, you will not be able to register a new custom paper. Delete any unnecessary custom papers from the list, and then try registering again. For details, see "Deleting a Custom Paper", Paper Settings .



## Selecting the Paper's Name from the Paper Library

1. Press the [Tray Paper Setting] key.

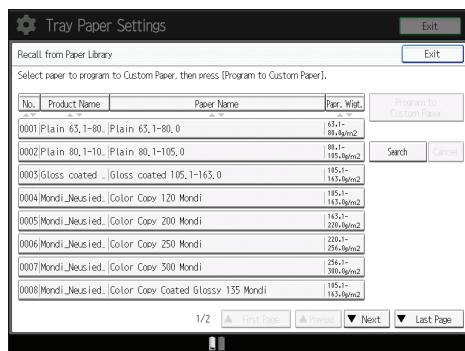


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2. Press [Edit Custom Paper].
3. Press [Recall from Paper Library].
4. Select the name of the paper that you want to register.

Press [▲Previous] or [▼Next] to scroll through the list to find the paper that you want to select.

You can select two or more types of paper.



5. Press [Program to Custom Paper].
6. Press [Yes].
7. Press [Exit] twice.
8. Press the [Tray Paper Setting] key.

You can also close the [Tray Paper Settings] screen by pressing [Exit].

### Note

- You can check and change the settings of the registered custom paper such as the paper size setting on the [Edit Custom Paper] screen. For details about modifying the custom paper, see "Modifying a Custom Paper", Paper Settings .

## Registering a Paper Whose Paper Name is Not Displayed in the Paper Library

If the paper you want is not in the library's paper list or you don't know the name of the paper, use the following procedures:

- Selecting the paper's type from the paper library

The paper library contains the optimum printing conditions not only for each commercially available paper but also for each type of paper.

You can select the type of paper from the paper library and register it as a custom paper even if you don't know the name of the paper. The selectable paper types are as follows: Plain, Recycled Paper, Preprinted Paper, Letterhead, Label Paper, Tab Stock, Transparency, Translucent, Envelope, Bond Paper, Cardstock, Back Copied Paper, Special Paper 1, and NCR Paper. Each type is divided into several categories according to weight.

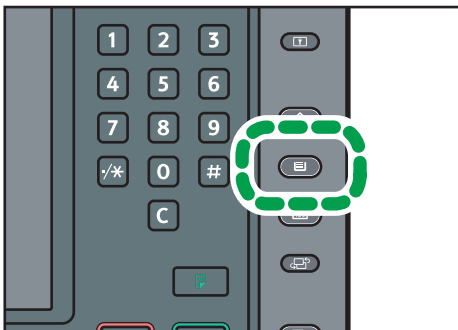
- Manually specifying a paper's type and weight

You can register a custom paper by manually specifying its type and weight.

### Selecting the paper's type from the paper library

You can select the type of paper from the paper library and register it as a custom paper.

1. Press the [Tray Paper Setting] key.

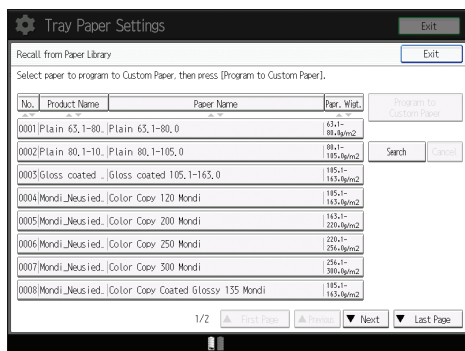


CWY003

2. Press [Edit Custom Paper].
3. Press [Recall from Paper Library].
4. Select the most appropriate combination of type and weight for your paper.

The list of paper types appears on the first and following pages in the paper library.

Press [▲Previous] or [▼Next] to scroll through the list to find the paper that you want to select.



5. Press [Program to Custom Paper].

6. Press [Yes].

7. Press [Exit] twice.

8. Press the [Tray Paper Setting] key.

You can also close the [Tray Paper Settings] screen by pressing [Exit].

#### ↓ Note

- You can check and change the settings of the registered custom paper such as the paper size setting on the [Edit Custom Paper] screen. For details about modifying the custom paper, see "Modifying a Custom Paper", Paper Settings ⑧.

## Manually specifying a paper's type and weight

### ★ Important

- Select the items that will be applied to the paper for the various settings. If the paper to be used and the settings are different, a paper jam may result.
- If the [Paper Color] setting is not specified correctly, paper may jam or an image may be printed in the wrong position.

1. Press the [Tray Paper Setting] key.

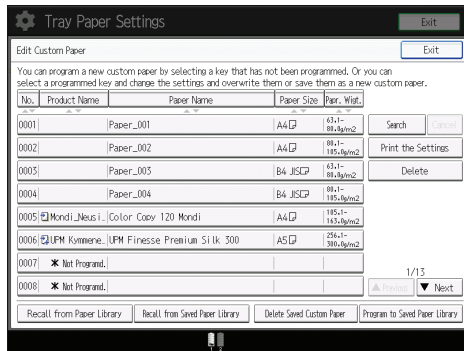


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2. Press [Edit Custom Paper].

### 3. Select a number that is [**\*Not Programd.**].

Press [**▲Previous**] or [**▼Next**] to scroll through the list.



### 4. Press [**Change**] for [**Paper Name**].

### 5. Enter the name of the paper, and then press [**OK**].

### 6. Press [**Change**] for [**Paper Size**].

### 7. Select a paper size, and then press [**OK**].

### 8. Press [**Change**] for [**Paper Weight**].

### 9. Specify the paper's weight, and then press [**OK**].

Press [**Change**] if you changed the paper weight.

### 10. Press [**Change**] for [**Paper Type**].

### 11. Specify the paper type, and then press [**OK**].

Press [**Change**] if you changed the paper type.

### 12. Specify [**Coated Paper Type**], [**Paper Color**], [**Prepunched or Not**], [**Apply Duplex**], and [**Apply Auto Paper Select**] according to the paper's features.

If you change the [**Coated Paper Type**], [**Paper Color**], or [**Prepunched or Not**] and press [**OK**], a message appears to notify you that the [**Advanced Settings**] will be initialized. To apply the changes for those settings, select [**Change**]. To cancel the changes, select [**Do not Change**].

### 13. Press [**OK**].

### 14. Press [**Exit**].

### 15. Press the [**Tray Paper Setting**] key.

You can also close the [**Tray Paper Settings**] screen by pressing [**Exit**].

#### ↓ Note

- If you want to use glossy paper, select [**Glossy**] for [**Coated Paper Type**]. If you want to use matte paper (including silk, dull, and satin paper), select [**Matted**] for [**Coated Paper Type**].
- If you use color paper that does not appear as keys, select an appropriate setting depending on the color density of the paper from the following:

- Plain Paper: White paper
- Color Paper 1: Light-colored paper
- Color Paper 2: Dark-colored paper
- For details about custom paper settings, see "Custom Paper Settings", Paper Settings .
- For details about [Advanced Settings], contact your machine administrator.

## Registering a New Custom Paper by Modifying an Existing Paper

You can open and modify the settings of a registered custom paper and register them as a new custom paper.

This function is useful when registering paper that is the same type as an existing paper, but a different size.

Depending on which settings you modify, details of a newly registered custom paper will be as follows:

- When the settings of the selected custom paper are not changed:  
All settings of the selected custom paper are copied to the newly registered custom paper.
- When the settings [Paper Name], [Paper Size], [Apply Duplex], [Apply Auto Paper Select], or [Advanced Settings] of the selected custom paper are changed:  
The changes are applied to the newly registered custom paper.
- When the settings [Paper Weight], [Paper Type], [Coated Paper Type], [Paper Color], or [Prepunched or Not] of the selected custom paper are changed:  
The changes are applied to the newly registered custom paper and its advanced settings are reset to their default values according to the changes that are applied to the settings.

When modifying a custom paper that is registered from the paper library, you can change its [Paper Name], [Paper Size], [Apply Duplex], and [Apply Auto Paper Select] settings. You can also confirm the brand name and the version of data from [Product Name].

### 1. Press the [Tray Paper Setting] key.

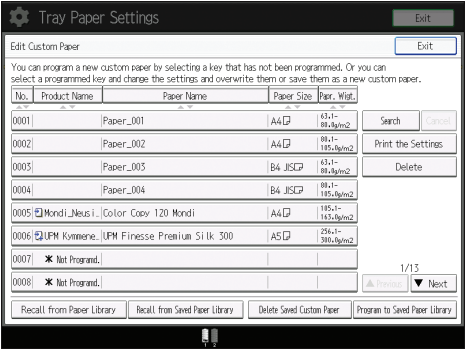


CWY003

### 2. Press [Edit Custom Paper].

3. Select a number that is [**\*Not Programd.**].

Press [**▲Previous**] or [**▼Next**] to scroll through the list.



4. Press [**Use Another Custom Paper's Settings**].

5. Select the custom paper whose settings you want to modify.

6. Press [**OK**].

7. Change the settings for custom paper (such as paper's name, size, and type), as necessary.

If you change the [Paper Weight], [Paper Type], [Coated Paper Type], [Paper Color], or [Prepunched or Not] and press [OK], a message appears to notify you that the [Advanced Settings] will be initialized. To apply the changes for those settings, select [Change]. To cancel the changes, select [Do not Change].

8. Press [**OK**].

9. Press [**Exit**].

10. Press the [**Tray Paper Setting**] key.

You can also close the [Tray Paper Settings] screen by pressing [Exit].

**Note**

- For details about custom paper settings, see "Custom Paper Settings", Paper Settings .
- For details about [Advanced Settings], contact your machine administrator.

# Adding Toner

This section explains precautions when adding toner, how to send scanned documents when the toner has run out, and how to dispose of used toner.

You can send scanned documents on a Type 1, 2, or 3 machine.

## **WARNING**

- Do not incinerate toner (new or used) or toner containers. Doing so risks burns. Toner will ignite on contact with naked flame.
- Do not store toner (new or used) or toner containers anywhere near naked flames. Doing so risks fire and burns. Toner will ignite on contact with naked flame.
- Do not use a vacuum cleaner to remove spilled toner (including used toner). Absorbed toner may cause a fire or explosion due to electrical contact flickering inside the vacuum cleaner. However, it is possible to use a vacuum cleaner that is explosion-proof and dust ignition-proof. If toner is spilled on the floor, remove the spilled toner slowly using a wet cloth, so that the toner is not scattered.

## **CAUTION**

- Do not crush or squeeze toner containers. Doing so can cause toner spillage, possibly resulting in dirtying of skin, clothing, and floor, and accidental ingestion.
- Store toner (new or used), toner containers, and components that have been in contact with toner out of reach of children.
- If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.
- If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.
- If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.
- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your clothing. If toner comes into contact with your clothing, wash the stained area with cold water. Hot water will set the toner into the fabric and make removing the stain impossible.

**⚠ CAUTION**

- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your skin. If toner comes into contact with your skin, wash the affected area thoroughly with soap and water.
- When replacing a toner or waste toner container or consumables with toner, make sure that the toner does not splatter. Put the waste consumables in a bag after they are removed. For consumables with a lid, make sure that the lid is shut.

**★ Important**

- Always replace the toner cartridge when a notification appears on the machine.
- Fault may occur if you use toner other than the recommended type.
- Leave the machine on when replacing toner. If you turn off the main power when replacing toner, the settings will be lost and you cannot restart printing, or the machine may not be able to detect that a toner cartridge is inserted.
- Store toner where it will not be exposed to direct sunlight, temperatures above 35°C (95°F), or high humidity.
- Store toner on a flat surface.
- Do not shake the toner cartridge with its mouth down after removing it. Residual toner may scatter.
- Do not remove the toner cartridge straight after installing it. If you do, the toner may spill out.
- Do not repeatedly install and remove toner cartridges. This will result in toner leakage.
- When a toner cartridge is being used, it cannot be removed. Do not remove the cartridge forcibly.

Follow the instruction on the screen regarding how to replace a toner cartridge.

If one of the toner cartridge is empty, you can keep printing by using the other cartridge. You can change the toner cartridge during printing.

Be sure to set the new toner cartridge in the left hole first when both toner cartridges are empty.

After replacing a toner cartridge, be sure to close the toner cartridge cover. The machine stops printing if you leave the toner cartridge cover open.

**↓ Note**

- If "Toner Cartridge is almost empty." appears, the toner has almost run out. Have a replacement toner cartridge at hand.
- You can check the name of the required toner and the replacement procedure using the [🖨️Add Toner] screen.
- For details about how to check contact number where you can order supplies, see "Inquiry", Maintenance and Specifications ⓘ.
- Do not remove the outer cap of the toner cartridge before shaking it. Wait until you install the toner cartridge before removing the cap.

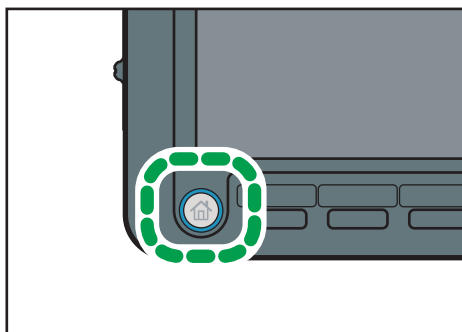


- Do not remove the inner cap.
- If you cannot get it to click in, pull out the toner cartridge a little, slightly rotate it to the left or right, then try again.
- Do not remove toner cartridges that are being used or install toner cartridges that are partially used. The remaining toner amount displayed on the screen will not always correspond with the actual amount in the cartridge, causing the machine to unexpectedly run out of toner.
- Do not install an empty toner cartridge.

## Sending Scanned Documents When Toner Has Run Out

When the machine has run out of toner, the indicator on the display lights. Note that even if there is no toner left, you can still send scanned documents.

1. Press the [Home] key on the bottom left of the control panel, and press the [Scanner] icon on the [Home] screen.



2. Perform transmission operation.

### ↓ Note

- Any reports are not printed.

## Disposing of Used Toner

This section describes what to do with used toner.

Toner cannot be re-used.

Pack used toner containers in the container's box or a bag to prevent the toner from leaking out of the container when you dispose of it.

 **Region A** (mainly Europe)

If you want to discard your used toner container, please contact your local sales office. If you discard it by yourself, treat it as general plastic waste material.

 **Region B** (mainly North America)

Please see our local company website for information on the recycling of supply products, or you can recycle items according to the requirements of your local municipalities or private recyclers.

# Menu Items and Functions

All items in Adjustment Settings for Operators appear regardless of which of the machine's optional components are installed. If you change the settings of options that are not installed, the changes will have no effect.

You can specify the [0106: Select Test Pattern for Image Position Adjustment] settings on Type 1, 2, or 3 machines only.

You can specify [0108:ADF double feed detection] setting on Type 1, 2, and 3 machines with the optional ADF double-feed detection kit attached.

## Machine: Image Position

For details about the following items, see "Machine: Image Position", Paper Settings .

| No.  | Item                                              | Description                                                                 |
|------|---------------------------------------------------|-----------------------------------------------------------------------------|
| 0101 | Adjust Image Position With Feed Direction         | Adjust the horizontal position of the print image.                          |
| 0106 | Select Test Pattern for Image Position Adjustment | Select the test image used when adjusting the image position.               |
| 0108 | ADF Double Feed Detection                         | Specify whether or not to detect double feeding of paper loaded in the ADF. |

## Machine: Image Quality

For details about the following items, see "Machine: Image Quality", Paper Settings .

| No.  | Item                                            | Description                                                                                              |
|------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 0202 | Adjust Image Density                            | Execute image density control manually.                                                                  |
| 0208 | Avoid Ppr Trnsf Shock Jitter: Feed Interval Adj | Adjust the interval at which paper is fed from the paper tray when printing consecutive sheets of paper. |

## Machine: Paper Feed/ Output

For details about the following items, see "Machine: Paper Feed/ Output", Paper Settings .

| No.  | Item                  | Description                                               |
|------|-----------------------|-----------------------------------------------------------|
| 0301 | Double Feed Detection | Specify whether or not to detect double feeding of paper. |

| No.  | Item                           | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0302 | When Double Feed is Detected   | Specify how the machine behaves when it detects a double feed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 0304 | Skew Detection                 | Specify whether or not to detect paper skew.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 0310 | Adjust Paper Curl              | Specify the method for straightening curled sheets. Select the method according to the direction and degree of curl.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 0312 | Lower Jam Detection Strictness | <p>Disables the following jam detection functions:</p> <ul style="list-style-type: none"> <li>• Disable Skew Detection (J49)</li> <li>• Disable Registration Detection with Feed Direction out of range(J050) (correction control to be performed)</li> <li>• Disable Registration Detection across Feed Direction out of range(J080) (correction control to be performed)</li> <li>• Fix the CIS light intensity in Color Paper Correction setting to Color Paper 2.</li> </ul> <p>The setting is applied to all the paper types and trays at a time.</p> |

### Machine: Maintenance

For details about the following items, see "Machine: Maintenance", Paper Settings .

| No.  | Item                                       | Description                                    |
|------|--------------------------------------------|------------------------------------------------|
| 0502 | Execute Photoconductor Refreshing          | Remove dust on the drum surface.               |
| 0517 | Temperature / Humidity inside the Machine  | Display the internal temperature and humidity. |
| 0518 | Temperature / Humidity outside the Machine | Display the external temperature and humidity. |
| 0520 | Back Up / Restore Custom Paper Data        | Back up and restore custom paper profiles.     |

### Finishing: Finisher

For details about the following items, see "Finishing: Finisher", Paper Settings .

| No.  | Item                                        | Description                                                                                              |
|------|---------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 0601 | Adjust Staple Position for Booklet          | Adjust the horizontal position of the booklet staples when using Booklet Finisher SR5060.                |
| 0602 | Adjust Folding Position for Booklet         | Adjust the horizontal folding position when using Booklet Finisher SR5060.                               |
| 0606 | Adjust Punch Position Across Feed Direction | Adjust the vertical position of the punch holes when using Finisher SR5050 or Booklet Finisher SR5060.   |
| 0607 | Adjust Punch Position With Feed Direction   | Adjust the horizontal position of the punch holes when using Finisher SR5050 or Booklet Finisher SR5060. |
| 0609 | Set Number of Folds for Booklet             | Specify the number of booklet folds when using the Booklet Finisher SR5060.                              |

### Finishing: Fold

For details about the following items, see "Finishing: Fold", Paper Settings .

| No.  | Item                                          | Description                                                                                                  |
|------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 0701 | Half Fold Position (Multi-sheet Fold)         | Adjust the fold position of half folded sheets when using the multi-folding unit.                            |
| 0702 | Letter Fold-out Position 1 (Multi-sheet Fold) | Adjust the fold position for the bottom segment of letter fold-out sheets when using the multi-folding unit. |
| 0703 | Letter Fold-out Position 2 (Multi-sheet Fold) | Adjust the overall fold size of letters fold-out sheets when using the multi-folding unit.                   |
| 0704 | Letter Fold-in Position 1 (Multi-sheet Fold)  | Adjust the fold position of the bottom segment of letter fold-in sheets when using the multi-folding unit.   |
| 0705 | Letter Fold-in Position 2 (Multi-sheet Fold)  | Adjust the fold position of letters fold-in sheets when using the multi-folding unit.                        |

### Finishing: Perfect Binder

For details about the following items, see "Finishing: Perfect Binder", Paper Settings .

| No.  | Item                                                   | Description                                                                                  |
|------|--------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 0801 | Cover Sheet Position for Perfect Binding With Feed Dir | Adjust the horizontal alignment of the cover sheet position when performing perfect binding. |

| No.  | Item                                                     | Description                                                                                |
|------|----------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 0802 | Cover Sheet Position for Perfect Binding Across Feed Dir | Adjust the vertical alignment of the cover sheet position when performing perfect binding. |
| 0803 | Adjust Perfect Binding Finishing Angle                   | Square the top, bottom, and outside edges when trimming a deck of paper.                   |
| 0804 | Adjust Applying Binding Glue                             | Adjust the amount of binding glue for perfect binding.                                     |

**Finishing: Stacker**

For details about the following items, see "Finishing: Stacker", Paper Settings .

| No.  | Item                                   | Description                                            |
|------|----------------------------------------|--------------------------------------------------------|
| 0907 | Maximum Stack Quantity in Stacker Tray | Set the maximum number of sheets for the stacker tray. |

# 9. Troubleshooting

This chapter describes basic troubleshooting procedures.

## When a Status Icon Is Displayed

This section describes the status icons displayed when the machine requires the user to remove misfed paper, to add paper, or to perform other procedures.

The Original Misfeed icon is displayed on Type 1, 2 and 3 machines.

| Status icons                                                                                                          | Status                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  : Paper Misfeed icon                | Appears when a paper misfeed occurs.<br>For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting  .                |
|  : Original Misfeed icon             | Appears when an original misfeed occurs.<br>For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting  .            |
|  : Load Paper icon                   | Appears when paper runs out.<br>For details about loading paper, see "Loading Paper ", Paper Specifications and Adding Paper  .             |
|  : Add Toner icon                  | Appears when toner runs out.<br>For details about adding toner, see "Adding Toner", Maintenance and Specifications  .                         |
|  : Add Staple icon                 | Appears when staples run out.<br>For details about adding staples, see "Adding Staples", Maintenance and Specifications  .                    |
|  : Waste Toner Full icon           | Appears when the waste toner bottle is full.<br>Contact your service representative.                                                                                                                                             |
|  : Hole Punch Receptacle Full icon | Appears when the hole punch receptacle is full.<br>For details about removing punch waste, see "Removing Punch Waste", Troubleshooting  .     |
|  : Waste Staple Full icon          | Appears when the waste staple receptacle is full.<br>For details about removing staple waste, see "Removing Staple Waste", Troubleshooting  . |

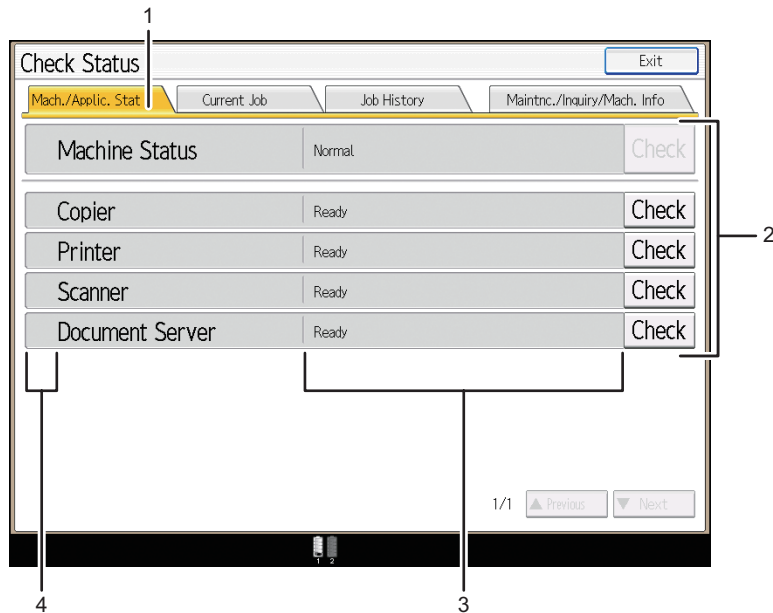
| Status icons                                                                                          | Status                                                              |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
|  : Service Call icon | Appears when the machine is malfunctioning or requires maintenance. |
|  : Open Cover icon   | Appears when one or more covers of the machine are open.            |



# When the Indicator Lamp for the [Check Status] Key Is Lit or Flashing

If the indicator lamp for the [Check Status] key lights up or flashes, press the [Check Status] key to display the [Check Status] screen. Check the status of each function in the [Check Status] screen.

**[Check Status] screen**



DSD003

## 1. [Mach./Applic. Stat] tab

Indicates the status of the machine and each function.

## 2. [Check]

If an error occurs in the machine or a function, press [Check] to view details.

Pressing [Check] displays an error message or the corresponding function screen. Check the error message displayed on the function screen and take the appropriate action. For details about how to resolve the problems described in error messages, see "When Messages Appear", Troubleshooting .

## 3. Messages

Displays a message that indicates the status of the machine and each function.

## 4. Status icons

The status icons that can be displayed are described below:

: The function is performing a job.

: An error has occurred on the machine.

: The function cannot be used because an error has occurred in the function or machine. This icon may also appear if the toner is running low.

The following table explains problems that cause the indicator lamp for the [Check Status] key to light or flash.

| Problems                                         | Causes                                                                                      | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Documents and reports do not print out.          | The paper output tray is full.                                                              | Remove the prints from the tray.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Documents and reports do not print out.          | There is no paper left.                                                                     | Load paper. For details about loading paper, see "Loading Paper", Paper Specifications and Adding Paper  .                                                                                                                                                                                                                                                                                                                                                                                                |
| An error has occurred.                           | A function which has the status "Error Occurred" in the [Check Status] screen is defective. | Press [Check] in the function which the error has occurred. Then check the displayed message, and take appropriate action. For details about error messages and their solutions, see "When Messages Appear", Troubleshooting  .<br>You can use other functions normally.                                                                                                                                                                                                                                    |
| The machine is unable to connect to the network. | A network error has occurred.                                                               | <ul style="list-style-type: none"> <li>Check that the machine is correctly connected to the network, and that the machine is correctly set. For details about how to connect the network, see "Connecting the Machine", Connecting the Machine/ System Settings .</li> <li>For details about connecting to the network, contact your administrator.</li> <li>If the indicator lamp is still lit even after trying to solve the problem as described here, contact your service representative.</li> </ul> |

# When the Machine Makes a Beeping Sound

The following table describes the meaning of the various beep patterns that the machine produces to alert users about left originals and other machine conditions.

## Region A (mainly Europe)

The beep patterns related to the exposure glass, scanner, copy, and Document Server functions are produced on Type 1, 2, and 3 machines.

## Region B (mainly North America)

The beep patterns related to the exposure glass, scanner, copy, and Document Server functions are produced on Type 1 \*, 2, and 3 machines.

\* The printer and scanner functions are not available on Pro 8200EX.

| Beep patterns                         | Meanings                     | Causes                                                                                                                       |
|---------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Single short beep                     | Panel/screen input accepted. | A control panel or screen key was pressed.                                                                                   |
| Short, then long beep                 | Panel/screen input rejected. | An invalid key was pressed on the control panel or screen, or the entered password was incorrect.                            |
| Single long beep                      | Job completed successfully.  | A Copier/Document Server Features job has finished.                                                                          |
| Two long beeps                        | Machine has warmed up.       | When the power is turned on or the machine exits Sleep mode, the machine has fully warmed up and is ready for use.           |
| Five long beeps                       | Soft alert                   | An auto reset was performed through the simple screen of the Copier/Document Server function or the Scanner function.        |
| Five long beeps repeated four times.  | Soft alert                   | An original has been left on the exposure glass or paper tray is empty.                                                      |
| Five short beeps repeated five times. | Strong alert                 | The machine requires user attention because paper has jammed, the toner needs replenishing, or other problems have occurred. |

 **Note**

- Users cannot mute the machine's beep alerts. When the machine beeps to alert users of a paper jam or toner request, if the machine's covers are opened and closed repeatedly within a short space of time, the beep alert might continue, even after normal status has resumed.
- You can select to enable or disable beep alerts. For details about Panel Key Sound, see "General Features", Connecting the Machine/ System Settings .

# When You Have Problems Operating the Machine

The descriptions related to copy and Document Server functions are intended for Type 1, 2, and 3 machines.

| Problems                                                                                                                 | Causes                                                                                                                                                                | Solutions                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The machine does not turn on.                                                                                            | The AC power switch has not been turned on.                                                                                                                           | Turn on the AC power switch. For details about the AC power switch, see "General Turning On/Off the Power", Maintenance and Specifications  .                                                                               |
| When the machine is turned on, the only icon that appears on the home screen is the [Copier] icon.                       | Functions other than the copier function are not yet ready. Functions appear on the home screen when they become ready for use. Time required varies by function.     | Wait a little longer.                                                                                                                                                                                                                                                                                        |
| The machine has just been turned on and the User Tools screen is displayed, but the User Tools menu has items missing.   | Functions other than the copier function are not yet ready. Functions appear in the User Tools menu when they become ready for use. Time required varies by function. | Wait a little longer.                                                                                                                                                                                                                                                                                        |
| The indicator lamp remains lit and the machine does not enter Sleep mode even though the [Energy Saver] key was pressed. | In some cases, the machine does not enter Sleep mode when the [Energy Saver] key is pressed.                                                                          | Before you press the [Energy Saver] key, check that the status of the machine does not prevent it from entering Sleep mode. For details about statuses that inhibit Sleep mode, see "Saving Energy", Getting Started  . |
| The display is turned off.                                                                                               | The machine is in Low Power mode.                                                                                                                                     | Touch the display panel or press one of the keys on the control panel to cancel Low Power mode.                                                                                                                                                                                                              |

| Problems                                                                          | Causes                                                                                                                                                                                   | Solutions                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The display is turned off.                                                        | The machine is in Sleep mode.                                                                                                                                                            | Press the [Energy Saver] key or the [Check Status] key to cancel Sleep mode.                                                                                                                                                                                  |
| Nothing happens when the [Check Status] key or the [Energy Saver] key is pressed. | The power is turned off.                                                                                                                                                                 | Make sure the main power indicator is off, and then turn on the power.                                                                                                                                                                                        |
| The power turns off automatically.                                                | The Weekly Timer setting is set to [Main Power Off].                                                                                                                                     | Change the Weekly Timer setting. For details about the Weekly Timer setting, see "Timer Settings", Connecting the Machine/ System Settings  .                              |
| The user code entry screen is displayed.                                          | Users are restricted by User Code Authentication.                                                                                                                                        | For details about how to log in when User Code Authentication is enabled, see "When the Authentication Screen is Displayed", Getting Started  .                            |
| The Authentication screen appears.                                                | Basic Authentication, Windows Authentication, LDAP Authentication or Integration Server Authentication is set.                                                                           | Enter your login user name and login password. For details about the Authentication screen, see "When the Authentication Screen is Displayed", Getting Started  .          |
| An error message remains, even if misfed paper is removed.                        | <ul style="list-style-type: none"> <li>When a misfeed message appears, it remains until you open and close the cover as required.</li> <li>Paper is still jammed in the tray.</li> </ul> | After removing the misfed paper, fully open the front cover, and then close it. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting  . |
| An error message remains displayed even if the indicated cover is closed.         | One or more covers that are not indicated are still open.                                                                                                                                | Close all the covers of the machine.                                                                                                                                                                                                                          |
| Original images are printed on the reverse side of the paper.                     | You may have loaded the paper incorrectly.                                                                                                                                               | Load the paper correctly. For details about loading paper, see "Loading Paper", Paper Specifications and Adding Paper  .                                                   |

| Problems                   | Causes                                                                                                                        | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Misfeeds occur frequently. | Using curled paper often causes misfeeds, soiled paper edges, or slipped positions while performing staple or stack printing. | <ul style="list-style-type: none"> <li>Take the stiffness out of the paper with your hands to straighten out the curl.</li> <li>Load the paper up side down so that the curled edges face downward. For details about recommended paper, see "Recommended Paper", Paper Specifications and Adding Paper .</li> <li>Lay cut paper on a flat surface to prevent paper from curling, and do not lean it against the wall. For details about the proper way to store paper, see "Paper Storage", Paper Specifications and Adding Paper .</li> </ul> |
| Misfeeds occur frequently. | The tray's side or end fences may not be set properly.                                                                        | <ul style="list-style-type: none"> <li>Remove the misfed paper. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting .</li> <li>Check that the side or end fences are set properly. Also, check that the side fences are locked. For details about setting the side and end fences, see "Changing the Paper Size", Paper Specifications and Adding Paper .</li> </ul>                                                                                                                                         |

| Problems                   | Causes                                          | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Misfeeds occur frequently. | Paper of undetectable size has been loaded.     | <ul style="list-style-type: none"><li>Remove the misfed paper. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting .</li><li>If you load a paper size that is not selected automatically, you need to specify the paper size with the control panel. For details about specifying paper size with the control panel, see "Changing to a Size That Is Not Automatically Detected", Paper Specifications and Adding Paper .</li></ul> |
| Misfeeds occur frequently. | There is a foreign object on the finisher tray. | <ul style="list-style-type: none"><li>Remove the misfed paper. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting .</li><li>Do not place anything on the finisher tray.</li></ul>                                                                                                                                                                                                                                                                                                                                   |
| Misfeeds occur frequently. | The staple cartridge is not set correctly.      | Set the staple cartridge properly. For details about how to add staples, see "Adding Staples", Maintenance and Specifications  .                                                                                                                                                                                                                                                                                                                                                                                                                     |



| Problems                                                                                           | Causes                                                              | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Misfeeds occur when printing to envelopes.                                                         | The envelopes are curled.                                           | Make sure you fully flatten curled envelopes before you load them. Do not stack envelopes over the specified limit for the paper tray. If misfeeds still occur after the envelopes have been flattened, load envelopes on the tray one at a time and print them individually. For details about how to load envelopes, see "Envelopes", Paper Specifications and Adding Paper  .   |
| When printing to envelopes, the envelopes may be fed in together, or the envelopes may not be fed. | The envelopes are curled.                                           | Make sure you fully flatten curled envelopes before you load them. Do not stack envelopes over the specified limit for the paper tray. If misfeeds still occur after the envelopes have been flattened, load envelopes on the tray one at a time and print them individually. For details about how to load envelopes, see "Envelopes", Paper Specifications and Adding Paper  . |
| Cannot print in duplex mode.                                                                       | You have selected a paper tray that is not set for duplex printing. | Change the setting for "Apply Duplex" in [Tray Paper Settings] to enable duplex printing for the paper tray. For details about setting "Apply Duplex", see "Tray Paper Settings", Paper Settings  .                                                                                                                                                                              |

| Problems                                                                                            | Causes                                                                                                                                                                                                        | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cannot print in duplex mode.                                                                        | You have selected a paper type that cannot be used for duplex printing.                                                                                                                                       | In [Tray Paper Settings], select a paper type that can be used for duplex printing. For details about setting "Paper Type", see "Tray Paper Settings", Paper Settings  .                                                                                                                                                                                                   |
| An error has occurred when the Address Book is changed from the display panel or Web Image Monitor. | The Address Book cannot be changed while deleting the multiple stored documents.                                                                                                                              | Wait a while, and then retry the operation.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| The Address Book cannot be changed from the display panel.                                          | The Address Book cannot be changed while it is being backed up from Web Image Monitor or other tools running on the computer.                                                                                 | <ul style="list-style-type: none"> <li>• Wait until the Address Book backup is complete, and then try to change the Address Book again.</li> <li>• If an SC997 error occurs, press [Exit].</li> </ul>                                                                                                                                                                                                                                                       |
| Cannot use Web Image Monitor to print documents stored in Document Server.                          | When [Print Volum. Use Limit.] is specified, users cannot print beyond their print volume use limitations. Print jobs selected by users who have reached their print volume use limitations will be canceled. | <ul style="list-style-type: none"> <li>• For details about specifying [Print Volum. Use Limit.], see "Managing Print Volume per User", Security Guide .</li> <li>• To view the status of a print job, see [Print Job History]. In Web Image Monitor, click [Job] on the [Status/Information] menu. And then click [Print Job History] in "Document Server".</li> </ul> |
| The function does not run or cannot be used.                                                        | If you are not able to carry out your job, it may be that the machine is being used by another function.                                                                                                      | Wait until the current job is completed before trying again. For details about function compatibility, see "When Multiple Functions Cannot Be Executed Simultaneously", Troubleshooting  .                                                                                                                                                                             |

| Problems                                                                                                   | Causes                                                                                                                                    | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The function does not run or cannot be used.                                                               | The function cannot be performed while the Address Book is being backed up from Web Image Monitor or other tools running on the computer. | Wait a while. When the Address Book backup is complete, the function will be performed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Paper is bent.                                                                                             | Paper may be bent when it is ejected from the finisher upper tray.                                                                        | Change the output tray to the finisher shift tray.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| The print image is not properly positioned on the paper.                                                   | The machine has not detected the paper type and/or width correctly.                                                                       | Contact the machine administrator or your service representative.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| The print image is not properly positioned on the paper.                                                   | The print position is not aligned properly.                                                                                               | Contact the machine administrator or your service representative.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Paper delivered to the high capacity stacker is curled, causing it to not align properly or become jammed. | Paper is curled.                                                                                                                          | <ul style="list-style-type: none"> <li>When the paper is curled downward, select [Adjust  Curl: Weak] or [Adjust  Curl: Strong] under [Adjust Paper Curl] in "Adjustment Settings for Operators".</li> <li>When the paper is curled upward, select [Adjust  Curl: Weak] or [Adjust  Curl: Strong] under [Adjust Paper Curl] in "Adjustment Settings for Operators".</li> </ul> <p>For details about the Adjustment Settings for Operators, see "Adjustment Settings for Operators", Paper Settings .</p> |

| Problems                                                                                                                                                                                                                                                                                                                                                        | Causes                                                                                                                                                                                                                                                                                                                      | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Output paper to the stacker tray does not align properly.</p> <ul style="list-style-type: none"> <li>Output paper is curled.</li> <li>Output paper is curled, and a paper jam occurs.</li> <li>Output paper is curled, and the output tray full status is prematurely detected.</li> <li>The leading edge of thick paper does not align properly.</li> </ul> | <ul style="list-style-type: none"> <li>When using coated paper, the output paper to the stacker tray might fail to align properly.</li> <li>When the paper weight is 280.0 g/m<sup>2</sup> or more, and the paper size is A3, SRA3 or larger, the output paper to the stacker tray might fail to align properly.</li> </ul> | <ul style="list-style-type: none"> <li>Select [Adjust  Curl: Weak] or [Adjust  Curl: Strong] under [Adjust Paper Curl] in "Adjustment Settings for Operators". For details about the Adjustment Settings for Operators, see "Adjustment Settings for Operators", Paper Settings .</li> <li>When the output paper is not curled upward, and the curling or aligning is not improved even after changing the [Adjust Paper Curl] setting, reload the paper upside down.</li> </ul> |

## Fold

| Problems                                                                                                                                                                     | Causes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Solutions                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Wrinkling occurs when Gate Fold, Letter Fold-in, or Letter Fold-out is applied.</p>                                                                                       | <p>Wrinkling can occur if Gate Fold, Letter Fold-in, or Letter Fold-out is applied to B4 JIS (Japanese Industrial Standard) , A3 , 8 1/2" × 14" , 11" × 17" , 12" × 18" , 8K , or larger sizes of paper.</p> | <p>When applying Gate Fold, Letter Fold-in, or Letter Fold-out to paper larger than A4, we recommend you enable image reduction and use paper no larger than A4 .</p>                  |
| <p>When you print Z-folded paper, the machine indicates that the output tray is full even though the amount of output paper on the tray is less than the stack capacity.</p> | <p>The Z-fold support tray is not set.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>Set the Z-fold support tray for finisher or multi-folding unit. For details about how to add the Z-fold support tray, see "When using the Z-fold function", Getting Started .</p> |

| Problems                                                                                | Causes                                                                    | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The multi-folding unit outputs sheets with creased edges when Gate Fold is applied.     | The paper is curled.                                                      | <ul style="list-style-type: none"> <li>Remove the paper, and then reload it upside down.</li> <li>Remove the paper, and then reload it in the opposite direction.</li> </ul>                                                                                                                                                                                                                                                                                                                                    |
| The position of the fold is incorrect when Letter Fold-in is applied to a B5 JIS sheet. | Multi-sheet Fold has been specified when only one sheet is being printed. | <p>In [Output/Customize Function/Finisher] on the initial copier screen, under [Folding Unit], select [Letter Fold-in]. Press [Change], and then set "Multi-sheet Fold" to [Off]. For details about how to specify the Multi-sheet Fold function, see "Fold", Copy/ Document Server .</p> <p>When using the printer function, change the printer driver Letter Fold-in settings so that Multi-sheet Fold is not specified.</p> |

#### Note

- If you cannot make copies as you want because of the paper type, paper size, or paper capacity problems, use the recommended paper. For details about recommended paper, see page 120 "Recommended Paper".

## When Multiple Functions Cannot Be Executed Simultaneously

If you are not able to carry out your job, it may be that the machine is being used by another function.

Wait until the current job is completed before trying again. In certain cases, you can carry out another job using a different function while the current job is being performed.

For details about the compatibility of the functions below, see "Function Compatibility", Troubleshooting .

- Copier
- Printer
- Scanner

- TWAIN
- Document Server
- Desktop Binder
- Web Document Server

On Type 4 and 5 machines, you can use the printer function only.

# Messages Displayed When Using the Copy/Document Server Function

The messages related to copy and Document Server functions are displayed on Type 1, 2 and 3 machines.

| Messages                                                                                            | Causes                                                                                       | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Adjusting the temperature of the binding glue."                                                    | The binding glue is being heated.                                                            | Wait until the glue has reached the correct temperature for binding.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| "Cannot delete the folder because it contains locked files. Please contact the file administrator." | The folder cannot be deleted because it contains a locked original.                          | Unlock the locked original to delete it. For details about locked files, see "Managing Stored Files", Security Guide  .                                                                                                                                                                                                                                                                                                            |
| "Cannot detect original size."                                                                      | The original placed on the exposure glass is a non-standard size.                            | <ul style="list-style-type: none"> <li>Place the original on the exposure glass again. Face the original down.</li> <li>If the machine cannot detect the size of the original, specify the size manually - do not use Auto Paper Select mode or the Auto Reduce / Enlarge function. For details about specifying the settings, see "Sizes Detectable with Auto Paper Select", Paper Specifications and Adding Paper .</li> </ul> |
| "Cannot detect original size."                                                                      | Original is not placed, or the original placed on the exposure glass is a non-standard size. | <ul style="list-style-type: none"> <li>Place the original correctly.</li> <li>Specify the paper size.</li> <li>When placing an original directly on the exposure glass, the lifting/lowering action of the ADF triggers the automatic original size detection process. Lift the ADF by 30 degrees or more.</li> </ul>                                                                                                                                                                                               |

| Messages                                                                           | Causes                                                                                           | Solutions                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Cannot display preview of this page."                                             | The image data may have been corrupted.                                                          | Press [Exit] to display the preview screen without a thumbnail. If the selected document contains several pages, press [Switch] on the "Display Page" area to change the page, and then a preview of the next page will appear.                                                     |
| "Cannot punch this paper size."                                                    | The Punch function cannot be used with paper size selected.                                      | Select a proper paper size. For details about proper paper sizes, see "Specifications for Punch Unit", Maintenance and Specifications  .                                                         |
| "Cannot staple paper of this size."                                                | The Staple function cannot be used with paper size selected.                                     | Select a proper paper size. For details about proper paper sizes, see "Specifications for Finisher SR5050" or "Specifications for Booklet Finisher SR5060", Maintenance and Specifications  .      |
| "Check paper size."                                                                | An irregular paper size is set.                                                                  | If you press the [Start] key, the copy will start using the selected paper.                                                                                                                                                                                                         |
| "Duplex is not available with this paper size."                                    | A paper size not available in Duplex mode has been selected.                                     | Select a proper paper size. For details about proper paper sizes, see "Duplex Copying", Copy/ Document Server  .                                                                                 |
| "Exceeded the maximum number of sheets that can be used. Copying will be stopped." | The number of pages the user is permitted to copy has been exceeded.                             | For details about how to check the number of copies available per user, see "Managing Print Volume per User", Security Guide  .                                                                  |
| "Exceeded the maximum number of multi-sheet fold. Printing will be cancelled."     | A print job was canceled because more than the maximum number of Multi-sheet Fold was specified. | Specify fewer sheets for the Multi-sheet Fold function. For details about the maximum number of Multi-sheet Fold, see "Specifications for Multi-Folding Unit", Maintenance and Specifications  . |



| Messages                                                                                                                                                                              | Causes                                                                                                                       | Solutions                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Exceeded max. No. of sheets possible for Ring Binding."                                                                                                                              | The number of sheets per set exceeds the limit for Ring Binding.                                                             | Check the maximum number of sheets that can be ring bound. For details about the limit for Ring Binding, see "Specifications for Ring Binder", Maintenance and Specifications  .                                           |
| "File being stored exceeded max. number of pages per file. Copying will be stopped."                                                                                                  | The scanned originals have too many pages to store as one document.                                                          | Press [Exit], and then store again with an appropriate number of pages.                                                                                                                                                                                                                                       |
| "Magazine or Booklet mode is not available due to mixed image mode."                                                                                                                  | You selected the "Magazine" or "Booklet" function for originals scanned using different functions, such as copy and printer. | Make sure originals for the "Magazine" or "Booklet" function are scanned using the same function.                                                                                                                                                                                                             |
| "Maximum number of sets is n."<br>(A figure is placed at n.)                                                                                                                          | The number of copies exceeds the maximum copy quantity.                                                                      | You can change the maximum copy quantity from [Max. Copy Quantity] in [General Features] under [Copier / Document Server Features]. For details about Max. Copy Quantity, see "General Features", Copy/ Document Server  . |
| "Memory is full. nn originals have been scanned. Press [Print] to copy scanned originals. Do not remove remaining originals."<br>("n" in the message represents a changeable number.) | The scanned originals exceed the number of pages that can be stored in memory.                                               | <ul style="list-style-type: none"> <li>• Press [Print] to copy the scanned originals and cancel the scanning data.</li> <li>• Press [Clear Memory] to cancel the scanning data and not copy.</li> </ul>                                                                                                       |
| "Perfect Binding is not available for different paper sizes."                                                                                                                         | Mixed Sizes mode is specified.                                                                                               | Cancel Mixed Sizes mode, or specify the Auto Reduce / Enlarge function.                                                                                                                                                                                                                                       |

| Messages                                                     | Causes                                                                                                    | Solutions                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Perfect Binding is not available with the settings."        | Perfect Binding is not possible under the settings that you have specified.                               | Check the current settings. For details about which functions are not available when Perfect Binding is specified, see "Perfect Binding", Copy/ Document Server  .                                                                                       |
| "Perfect Binding is not available with this finishing size." | Perfect Binding cannot be used with the finishing size that you have specified.                           | Select a proper finishing size. For details about proper finishing sizes, see "Specifications for Perfect Binder", Maintenance and Specifications  .                                                                                                    |
| "Perfect Binding is not available with this No. of sheets."  | Perfect Binding is not possible with the number of sheets that you have specified.                        | <ul style="list-style-type: none"> <li>• Check the number of sheets.</li> <li>• Specify the proper number of sheets.</li> </ul> For details about the proper number of sheets, see "Specifications for Perfect Binder", Maintenance and Specifications  . |
| "Contains incorrect setting(s) for Perfect Binding."         | Perfect Binding cannot be used with the paper size that you have specified.                               | Select a proper paper size. For details about proper paper sizes, see "Specifications for Perfect Binder", Maintenance and Specifications  .                                                                                                          |
| "Press [Continue] to scan and copy remaining originals."     | The machine checked if the remaining originals should be copied after the scanned originals were printed. | Remove all copies, and then press [Continue] to continue copying. Press [Stop] to stop copying.                                                                                                                                                                                                                                            |
| "Ring Binding is not available for different paper sizes."   | Mixed Sizes mode is specified.                                                                            | Cancel Mixed Sizes mode, or specify the Auto Reduce / Enlarge function.                                                                                                                                                                                                                                                                    |
| "Ring Binding is not available with the selected position."  | Ring Binding cannot be applied in the position that you have specified.                                   | Select a proper binding position. For details about proper binding positions, see "Ring Binding", Copy/ Document Server  .                                                                                                                              |

| Messages                                                                | Causes                                                                   | Solutions                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Ring Binding is not available with the settings."                      | Ring Binding is not possible under the settings that you have specified. | Check the current settings. For details about which functions are not available when Ring Binding is specified, see "Ring Binding", Copy/Document Server  .                                    |
| "Ring Binding is not available with this paper size."                   | Ring Binding cannot be used with the paper size that you have specified. | Select a proper paper size. For details about proper paper sizes, see "Specifications for Ring Binder", Maintenance and Specifications  .                                                     |
| "Stapling capacity exceeded."                                           | The number of sheets per set is over the stapler capacity.               | Check the stapler capacity. For details about the stapler capacity, see "Specifications for Finisher SR5050" or "Specifications for Booklet Finisher SR5060", Maintenance and Specifications  . |
| "The selected folder is locked. Please contact the file administrator." | An attempt was made to edit or use a locked folder.                      | For details about locked folders, see "Managing Folders", Security Guide  .                                                                                                                    |

### Note

- If you cannot make copies as you want because of the paper type, paper size or paper capacity problems, use recommended paper. For details about recommended paper, see page 120 "Recommended Paper".
- If you set [Memory Full Auto Scan Restart] in [Input / Output] of User Tools to [On], even if the memory becomes full, the memory overflow message will not be displayed. The machine will make copies of the scanned originals first, and then automatically proceed to scan and to copy the remaining originals. In this case, the resulting sorted pages will not be sequential. For details about Memory Full Auto Scan Restart, see "Input / Output", Copy/ Document Server .

## When Using the Connect Copy Function

| Messages                                                                  | Causes                                                                                                                                                                                                                  | Solutions                                                                    |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| "Cannot connect to the sub-machine. Check the status of the sub-machine." | <ul style="list-style-type: none"> <li>• The  icon is lit.</li> <li>• The hard disk of the sub-machine is malfunctioning.</li> </ul> | Press [Exit] on the main machine and follow the instructions on the display. |

| Messages                                                                            | Causes                                                                                                 | Solutions                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Cannot print from the sub-machine. Check the status of the sub-machine."           | A paper or staple jam has occurred on the sub-machine, or toner or other supplies need to be replaced. | <ul style="list-style-type: none"> <li>Follow the instructions displayed. For details about adding toner, see "Adding Toner", Maintenance and Specifications ⑧. For details about jammed paper or jammed staples, see "Removing Jammed Paper" or "Removing Jammed Staples", Troubleshooting ⑧.</li> <li>If the sub-machine's display indicates that a cover is open, follow the instructions displayed.</li> </ul> |
| "Cannot print from the sub-machine. Check the status of the sub-machine."           | The sub-machine's User Tools menu is open.                                                             | Press the [User Tools] key to close the User Tools menu.                                                                                                                                                                                                                                                                                                                                                           |
| "Cannot print from the sub-machine. Sub-machine will be disconnected."              | The sub-machine has stopped due to power failure or communication error.                               | Continue copying using the main machine.                                                                                                                                                                                                                                                                                                                                                                           |
| "Fold is available only when Sort mode is selected in Connect Copy."                | Sort has not been selected with fold.                                                                  | Select the Sort function.                                                                                                                                                                                                                                                                                                                                                                                          |
| "No stamp data in the sub-machine."                                                 | Stamp data on the sub-machine has been deleted.                                                        | Reprogram the stamp on the sub-machine.                                                                                                                                                                                                                                                                                                                                                                            |
| "Sub-machine does not have the same paper setting(s)."                              | Paper type or tray settings on the two machines do not match.                                          | Make the same settings on both machines.                                                                                                                                                                                                                                                                                                                                                                           |
| "Sub-machine is in Interrupt mode."                                                 | The sub-machine is in Interrupt mode.                                                                  | Press the [Interrupt] key on the sub-machine to cancel Interrupt mode.                                                                                                                                                                                                                                                                                                                                             |
| "Sub-machine paper settings must be the same to use this tray."                     | Paper tray settings on the two machines do not match.                                                  | Make the same settings on both machines.                                                                                                                                                                                                                                                                                                                                                                           |
| "The Cover Sheet setting(s) of the sub-machine is different from the main machine." | Cover Sheet settings on the two machines do not match.                                                 | Make the same settings on both machines.                                                                                                                                                                                                                                                                                                                                                                           |

| Messages                                                                                                                                            | Causes                                                       | Solutions                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------|
| "The Designation Sheet n setting(s) of sub-machine is different from main machine."<br>( <i>"n"</i> in the message represents a changeable number.) | Designation Sheet settings on the two machines do not match. | Make the same settings on both machines. |
| "The Slip Sheet setting(s) of the sub-machine is different from the main machine."                                                                  | Slip Sheet settings on the two machines do not match.        | Make the same settings on both machines. |

# Messages Displayed When Using the Printer Function

This section describes the principal messages that appear on the display panel, error logs or reports. If other messages appear, follow their instructions.

The messages related to the Document Server function are displayed on Type 1, 2 and 3 machines.

## Messages Displayed on the Control Panel When Using the Printer Function

 **Important**

- Before turning on and off the power, see page 43 "Turning On/Off the Power".

| Messages                                                 | Causes                                                           | Solutions                                                                                                                                                                                                                                                           |
|----------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Exceeded max. No. of sheets possible for Ring Binding." | The number of sheets per set exceeds the limit for Ring Binding. | Check the maximum number of sheets that can be ring bound. For details about the limit for Ring Binding, see "Specifications for Ring Binder", Maintenance and Specifications  . |
| "Hardware Problem: Ethernet"                             | An error has occurred in the Ethernet interface.                 | Turn off the power, and then back on again. If the message appears again, contact your service representative.                                                                                                                                                      |
| "Hardware Problem: HDD"                                  | An error has occurred in the hard disk.                          | Turn off the power, and then back on again. If the message appears again, contact your service representative.                                                                                                                                                      |
| "Hardware Problem: USB"                                  | An error has occurred in the USB interface.                      | Turn off the power, and then back on again. If the message appears again, contact your service representative.                                                                                                                                                      |

| Messages                                                                                                                        | Causes                                                                                                                          | Solutions                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>"Hardware Problem: Wireless Card"</p> <p>(A "wireless LAN board" is referred to as a "wireless card".)</p>                   | <p>The wireless LAN board can be accessed, but an error was detected.</p>                                                       | <p>Turn off the power, and then confirm the wireless LAN board is inserted correctly. After confirmation, turn on the power again. If the message appears again, contact your service representative.</p>                                                                                                                                                  |
| <p>"Hardware Problem: Wireless Card"</p> <p>(A "wireless LAN board" is referred to as a "wireless card".)</p>                   | <ul style="list-style-type: none"> <li>The wireless LAN board was connected while the machine was turned on.</li> </ul>         | <p>Turn off the power, and then confirm the wireless LAN board is inserted correctly. After confirmation, turn on the power again. If the message appears again, contact your service representative.</p>                                                                                                                                                  |
| <p>"Load following paper in n. To force print, select another tray and press [Continue]."</p> <p>(A figure is placed at n.)</p> | <p>The printer driver settings are incorrect or the tray does not contain paper of the size selected in the printer driver.</p> | <p>Check that the printer driver settings are correct, and then load paper of the size selected in the printer driver into the input tray. For details about how to change the paper size, see "Changing the Paper Size", Paper Specifications and Adding Paper .</p> |
| <p>"Paper in staple tray. Open cover and remove paper."</p>                                                                     | <p>If printing is stopped before it is finished, paper may remain in the finisher.</p>                                          | <p>Remove the paper remaining in the finisher.</p>                                                                                                                                                                                                                                                                                                         |

| Messages                                                                                                                                                                                    | Causes                                                                                                                           | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Paper size and type are mismatched. Select another tray from the following and press [Continue]. To cancel job, press [Job Reset]. Paper size and type can also be changed in User Tools." | The printer driver settings are incorrect or the tray does not contain paper of the size or type selected in the printer driver. | <ul style="list-style-type: none"> <li>Check that the printer driver settings are correct, and then load paper of the size selected in the printer driver into the input tray. For details about how to change the paper size, see "Changing the Paper Size", Paper Specifications and Adding Paper .</li> <li>Select the tray manually to continue printing, or cancel a print job. For details about how to select the tray manually, or cancel a print job, see "If an Error Occurs with the Specified Paper Size and Type", Print .</li> </ul> |
| "Paper size of n is mismatched. Select another tray from the following and press [Continue]. Paper type can also be changed in User Tools."<br>(A tray name is placed at n.)                | The size of the paper in the tray does not match the paper size specified in the printer driver.                                 | Select a tray containing paper that is the same size as the specified paper size.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| "Parallel I/F board has a problem."                                                                                                                                                         | An error has occurred in the IEEE 1284 interface board.                                                                          | Turn off the power, and then back on again. If the message appears again, contact your service representative.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |



| Messages                                                                                                                                                                                   | Causes                                                                             | Solutions                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Perfect Binding is not available with this No. of sheets."                                                                                                                                | Perfect Binding is not possible with the number of sheets that you have specified. | <ul style="list-style-type: none"> <li>• Check the number of sheets.</li> <li>• Specify the proper number of sheets.</li> </ul> <p>For details about the proper number of sheets, see "Specifications for Perfect Binder", Maintenance and Specifications .</p> |
| "Contains incorrect setting(s) for Perfect Binding."                                                                                                                                       | Perfect Binding cannot be used with the paper size that you have specified.        | Select a proper paper size. For details about proper paper sizes, see "Specifications for Perfect Binder", Maintenance and Specifications  .                                                                                                                    |
| "Printer font error."                                                                                                                                                                      | An error has occurred in the font settings.                                        | Contact your service representative.                                                                                                                                                                                                                                                                                                               |
| "Cannot print because both the main and designation (chapter) sheets are set to the same paper tray. Press [Job Reset] to cancel the job. To print the job again specify different trays." | The tray selected for other pages is the same as the one for slip sheets.          | Reset the job. Be sure the tray you select for slip sheets is not providing paper for other pages.                                                                                                                                                                                                                                                 |

## When using direct print from a memory storage device

| Messages                                                                                        | Causes                                                                                                                                                                                                                                                                                   | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Exceeded the limit value for total data size of the selected files. Cannot select more files." | <ul style="list-style-type: none"> <li>The size of the selected file exceeds 1 GB.</li> <li>The total size of the selected files exceeds 1 GB.</li> </ul>                                                                                                                                | <p>Files or groups of files larger than 1 GB cannot be printed.</p> <ul style="list-style-type: none"> <li>When the total size of the multiple files that are selected exceeds 1 GB, select files separately.</li> <li>When the size of the selected file exceeds 1 GB, print from a memory storage device using a function other than the Direct printing function.</li> </ul> <p>You cannot select files of different formats at the same time.</p> |
| "Unable to access the specified memory storage device."                                         | <ul style="list-style-type: none"> <li>An error occurred when the machine accessed the memory storage device or a file stored on the memory storage device.</li> <li>An error occurred when the user used the Direct printing function to print from a memory storage device.</li> </ul> | <p>Save the file to a different memory storage device, and then try to print again.</p>                                                                                                                                                                                                                                                                                                                                                               |

## Messages Printed on the Error Logs or Reports When Using the Printer Function

This section describes likely causes of and possible solutions for the error messages that are printed on the error logs or reports.

## When print jobs are canceled

| Messages                                                                                         | Causes                                                                                                  | Solutions                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "91: Error"                                                                                      | Printing was canceled by the auto job cancel function due to a command error.                           | Check that the data is valid.                                                                                                                                                                                                                 |
| "A function which cannot be used with Fold mode was set. The job has been cancelled."            | A print job was cancelled because a function(s) not available with Fold was selected.                   | Cancel the function(s) not available with Fold. For details about the functions not available with Fold, see "Fold", Print  .                                |
| "A function which cannot be used with Perfect Binding was set. The job was cancelled."           | A function not available with Perfect Binding has been selected.                                        | For details about which functions are not available with Perfect Binding, see "Perfect Binding", Print  .                                                  |
| "A function which cannot be used with Ring Binding was set. The job was cancelled."              | A function not available with Ring Binding has been selected.                                           | For details about which functions are not available with Ring Binding, see "Ring Binding", Print  .                                                       |
| "An error occurred while processing an Unauthorized Copy Prevention job. The job was cancelled." | You tried to store a file in the Document Server when the [Unauthorized Copy Prevention] was specified. | On the printer driver, select a job type other than [Document Server] in "Job Type:" or deselect [Unauthorized Copy Prevention].                                                                                                              |
| "An error occurred while processing an Unauthorized Copy Prevention job. The job was cancelled." | The [Enter User Text:] field on the [Unauthorized Copy Prevention for Pattern Details] screen is blank. | On the printer driver's [Detailed Settings] tab, click [Effects] in "Menu:". Select [Unauthorized Copy Prevention], and then click [Details] to display [Unauthorized Copy Prevention for Pattern Details]. Enter text in [Enter User Text:]. |
| "An error occurred while processing an Unauthorized Copy Prevention job. The job was cancelled." | The resolution is set to a value less than 600 dpi when [Unauthorized Copy Prevention] is specified.    | On the printer driver, set the resolution to 600 dpi or higher, or deselect [Unauthorized Copy Prevention].                                                                                                                                   |

| Messages                                                                            | Causes                                                                         | Solutions                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Collate has been cancelled."                                                       | Collate was canceled.                                                          | Turn off the power, and then back on again. If the message appears again, contact your service representative.                                                                                                                                                                      |
| "Exceeded the maximum unit count for Print Volume Use. The job has been cancelled." | The number of pages the user is permitted to print has been exceeded.          | For details about Print Volum. Use Limit., see "Managing Print Volume per User", Security Guide  .                                                                                                 |
| "Exceeded the maximum number of multi-sheet fold. The job has been cancelled."      | The maximum number of Multi-sheet Fold was exceeded.                           | Specify fewer sheets for the Multi-sheet Fold function. For details about the maximum number of Multi-sheet Fold, see "Specifications for Multi-Folding Unit", Maintenance and Specifications  . |
| "Fold is not available with the settings. The job has been cancelled."              | Fold function is not available with the current settings.                      | Check the paper settings. For details about the limitations of the Fold function, see "Fold", Print  .                                                                                           |
| "Receiving data failed."                                                            | Data reception was aborted.                                                    | Resend the data.                                                                                                                                                                                                                                                                    |
| "Sending data failed."                                                              | The machine received a command to stop transmission from the printer driver.   | Check if the computer is working correctly.                                                                                                                                                                                                                                         |
| "The selected paper size is not supported. This job has been cancelled."            | Job Reset is automatically performed if the specified paper size is incorrect. | Specify the correct paper size, and then print the file again.                                                                                                                                                                                                                      |
| "The selected paper type is not supported. This job has been cancelled."            | Job Reset is automatically performed if the specified paper type is incorrect. | Specify the correct paper type, and then print the file again.                                                                                                                                                                                                                      |
| "Z-fold error."                                                                     | Z-folding was canceled.                                                        | Check the tray, paper orientation, print orientation, and Z-fold settings again.                                                                                                                                                                                                    |

## When there is a problem with the print settings

| Messages                                      | Causes                                                                                         | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Booklet/Half Fold Error"                     | The job was canceled because you specified invalid settings for saddle stitching or Half Fold. | Check the settings for saddle stitching or Half Fold.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| "Classification Code is incorrect."           | The Classification Code has not been entered, or has been entered incorrectly.                 | Enter the correct Classification Code.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| "Classification Code is incorrect."           | The Classification Code is not supported with the printer driver.                              | Select [Optional] for "Classification Code". For details about how to specify Classification Code settings, see "Configuring Classification Codes", Print  .                                                                                                                                                                                                                                                                                                                                                            |
| "Duplex has been cancelled."                  | Duplex printing was canceled.                                                                  | <ul style="list-style-type: none"> <li>Select the proper paper size for the duplex function. For details about proper paper sizes, see "Specifications for the Main Unit", Maintenance and Specifications .</li> <li>Change the setting for "Apply Duplex" in [Tray Paper Settings] to enable duplex printing for the paper tray. For details about setting "Apply Duplex", see "Tray Paper Settings", Paper Settings .</li> </ul> |
| "Exceeded max. pages. Collate is incomplete." | The number of pages exceeds the maximum number of sheets that you can use Collate with.        | Reduce the number of pages to print.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Messages                                                       | Causes                                                                                      | Solutions                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Exceeded the maximum number of multi-sheet fold (Half Fold)." | The maximum number of multi-sheet folds (Half Fold) was exceeded.                           | Specify fewer sheets. For details about the maximum number of multi-sheet folds (Half Fold), see "Specifications for Multi-Folding Unit", Maintenance and Specifications  .                                                                                 |
| "Output tray has been changed."                                | The output tray was changed because the paper size of the specified output tray is limited. | Specify the proper output tray.                                                                                                                                                                                                                                                                                                                |
| "Perfect Binding is not available with the settings."          | Perfect Binding is not possible under the settings that you have specified.                 | Check the current settings. For details about which functions are not available when Perfect Binding is specified, see "Perfect Binding", Print  .                                                                                                          |
| "Perfect Binding is not available with this number of sheets." | Perfect Binding is not possible with the number of sheets that you have specified.          | <ul style="list-style-type: none"> <li>• Check the number of sheets.</li> <li>• Specify the proper number of sheets.</li> </ul> For details about the proper number of sheets, see "Specifications for Perfect Binder", Maintenance and Specifications  . |

| Messages                                           | Causes                                                                   | Solutions                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Print overrun."                                   | Images were discarded while printing.                                    | <p><b>PCL 6</b></p> <p>Select a lower resolution on the printer driver. For details about how to change the resolution setting, see the printer driver Help.</p> <p><b>PostScript 3</b></p> <p>Select a lower resolution on the printer driver. For details about how to change the resolution setting, see the printer driver Help.</p> |
| "Punch has been cancelled."                        | Punch printing was canceled.                                             | Check the paper orientation, print orientation, and punch position. Certain settings can produce print results that might not be as expected.                                                                                                                                                                                            |
| "Ring Binding is not available with the settings." | Ring Binding is not possible under the settings that you have specified. | Check the current settings. For details about which functions are not available when Ring Binding is specified, see "Notes on Configuring the Ring Binding", Print  .                                                                               |
| "Staple has been cancelled."                       | Stapling printing was canceled.                                          | Check the paper orientation, paper quantity, print orientation, and staple position. Certain settings can produce print results that might not be as expected.                                                                                                                                                                           |

## When documents cannot be stored in the Document Server

| Messages                                                          | Causes                                                                                                                                                                                      | Solutions                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Document Server is not available to use. Cannot store."          | You cannot use the Document Server function.                                                                                                                                                | <ul style="list-style-type: none"> <li>For details about using Document Server function, contact your administrator.</li> <li>For details about how to set permissions, see "Limiting Available Functions", Security Guide .</li> </ul> |
| "Exceeded max. capacity of Document Server. Cannot store."        | The hard disk became full after a file was stored.                                                                                                                                          | <ul style="list-style-type: none"> <li>Delete some of the files stored in the Document Server.</li> <li>Reduce the file size to be sent.</li> </ul>                                                                                                                                                                      |
| "Exceeded max. number of files of Document Server. Cannot store." | The maximum file capacity of the Document Server was exceeded.                                                                                                                              | Delete some of the files stored in the Document Server.                                                                                                                                                                                                                                                                  |
| "Exceeded max. number of files. (Auto)"                           | While using the error job store function to store Normal Print jobs as Hold Print files, the maximum file capacity for file storage or Hold Print file management (automatic) was exceeded. | Delete Hold Print files (automatic) or unneeded files stored in the machine.                                                                                                                                                                                                                                             |
| "Exceeded max. number of pages of Document Server. Cannot store." | The maximum page capacity of the Document Server was exceeded.                                                                                                                              | <ul style="list-style-type: none"> <li>Delete some of the files stored in the Document Server.</li> <li>Reduce the number of pages to send.</li> </ul>                                                                                                                                                                   |
| "Exceeded max. number of pages. (Auto)"                           | While using the error job store function to store Normal Print jobs as Hold Print files, the maximum page capacity was exceeded.                                                            | <ul style="list-style-type: none"> <li>Delete unneeded files stored in the machine.</li> <li>Reduce the number of pages to print.</li> </ul>                                                                                                                                                                             |



| Messages                                                                                                                | Causes                                                         | Solutions                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "The print job has been cancelled because capture file(s) could not be stored: Exceeded max. memory."                   | The hard disk became full after a file was stored.             | <ul style="list-style-type: none"> <li>Delete some of the files stored in the Document Server.</li> <li>Reduce the file size to be sent.</li> </ul>                                                                                   |
| "The print job has been cancelled because capture file(s) could not be stored: Exceeded max. number of files."          | The maximum file capacity of the Document Server was exceeded. | Delete the files stored in the Document Server.                                                                                                                                                                                       |
| "The print job has been cancelled because capture file(s) could not be stored: Exceeded max. number of pages per file." | The maximum page capacity of the Document Server was exceeded. | <ul style="list-style-type: none"> <li>Delete some of the files stored in the Document Server.</li> <li>Reduce the number of pages to send.</li> </ul>                                                                                |
| "The specified folder in Document Server is locked. Cannot store."                                                      | The specified folder is locked.                                | Unlock the folder or specify another folder number that can be used. For details about locked folders, see "Managing Folders", Security Guide  . |

## When there is not enough free hard disk space

| Messages       | Causes                                                                                                            | Solutions                                                                                                                                                                                         |
|----------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "HDD is full." | When printing with the PostScript 3 printer driver, the hard disk capacity for fonts and forms has been exceeded. | Delete unneeded forms or fonts registered in the machine.                                                                                                                                         |
| "HDD is full." | The hard disk became full while printing a Sample Print, Locked Print, Hold Print, or Stored Print file.          | <ul style="list-style-type: none"> <li>Delete unneeded files stored in the machine.</li> <li>Reduce the data size of the Sample Print, Locked Print, Hold Print, or Stored Print file.</li> </ul> |

| Messages              | Causes                                                                                                             | Solutions                                                                                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "HDD is full. (Auto)" | The hard disk became full while using the error job store function to store Normal Print jobs as Hold Print files. | <ul style="list-style-type: none"> <li>Delete unneeded files stored in the machine.</li> <li>Reduce the data size of the Temporary Print file and/or the Stored Print file.</li> </ul> |

### When there is not enough memory

| Messages    | Causes                                                | Solutions                                         |
|-------------|-------------------------------------------------------|---------------------------------------------------|
| "84: Error" | There is no work area available for image processing. | Decrease the number of files sent to the machine. |

### When there is a problem with a parameter

| Messages    | Causes                                      | Solutions                 |
|-------------|---------------------------------------------|---------------------------|
| "86: Error" | Parameters of the control code are invalid. | Check the print settings. |

### When the user lacks privileges to perform an operation

| Messages                                                                         | Causes                                                                                               | Solutions                                                      |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| "No response from the server. Authentication has failed."                        | A timeout occurred while connecting to the server for LDAP authentication or Windows Authentication. | Check the status of the server.                                |
| "Printing privileges have not been set for this document."                       | The PDF document you have tried to print has no privileges to print.                                 | Contact the owner of the document.                             |
| "You do not have a privilege to use this function. This job has been cancelled." | The entered login user name or login password is not correct.                                        | Check that the login user name and login password are correct. |

| Messages                                                                               | Causes                                                                                                  | Solutions                                                                                          |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| "You do not have a privilege to use this function. This job has been cancelled."       | The logged in user is not allowed to use the selected function.                                         | For details about how to set permissions, see "Configuring User Authentication", Security Guide ⑧. |
| "You do not have a privilege to use this function. This operation has been cancelled." | The logged in user does not have the privileges to register programs or change the paper tray settings. | For details about how to set permissions, see "Configuring User Authentication", Security Guide ⑧. |

### When a user cannot be registered

| Messages                                                                      | Causes                                                                                                                                                                                                                   | Solutions                                                                                                                    |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| "Auto-registration of user information has failed."                           | Automatic registration of information for LDAP Authentication or Windows Authentication failed because the Address Book is full.                                                                                         | For details about automatic registration of user information, see "Auto Registration to the Address Book", Security Guide ⑧. |
| "Information for user authentication is already registered for another user." | The user name for LDAP or Integration Server authentication was already registered in a different server with a different ID, and a duplication of the user name occurred due to a switching of domains (servers), etc.. | For details about user authentication, see "Configuring User Authentication", Security Guide ⑧.                              |

9

### When other errors occur

| Messages    | Causes                                                | Solutions                                                                                                           |
|-------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| "98: Error" | The machine could not access the hard disk correctly. | Turn off the power, and then back on again. If the message appears frequently, contact your service representative. |

| Messages                                                              | Causes                                                                                                                                                              | Solutions                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Command Error"                                                       | An RPCS command error occurred.                                                                                                                                     | <ul style="list-style-type: none"> <li>• Check if the communication between the computer and the machine is working correctly.</li> <li>• Check if the correct printer driver is being used.</li> <li>• Check if the machine's memory size is set correctly in the printer driver.</li> <li>• Check that the printer driver is the most up-to-date version available.</li> </ul> |
| "Compressed Data Error."                                              | The printer detected corrupt compressed data.                                                                                                                       | <ul style="list-style-type: none"> <li>• Check the connection between the computer and the printer.</li> <li>• Check that the program you used to compress the data is functioning correctly.</li> </ul>                                                                                                                                                                         |
| "Data storage error."                                                 | You tried to print a Sample Print, Locked Print, Hold Print, or Stored Print file, or to store a file in the Document Server when the hard disk was malfunctioning. | Contact your service representative.                                                                                                                                                                                                                                                                                                                                             |
| "Error has occurred."                                                 | A syntax error, etc., occurred.                                                                                                                                     | Check that the PDF file is valid.                                                                                                                                                                                                                                                                                                                                                |
| "Exceeded max. number of files to print for temporary / stored jobs." | While printing a Sample Print, Locked Print, Hold Print, or Stored Print file, the maximum file capacity was exceeded.                                              | Delete unneeded files stored in the machine.                                                                                                                                                                                                                                                                                                                                     |
| "Exceeded max. number of pages to print for temporary / stored jobs." | While printing a Sample Print, Locked Print, Hold Print, or Stored Print file, the maximum page capacity was exceeded.                                              | <ul style="list-style-type: none"> <li>• Delete unneeded files stored in the machine.</li> <li>• Reduce the number of pages to print.</li> </ul>                                                                                                                                                                                                                                 |

| Messages                        | Causes                                                                                    | Solutions                                                                                                                                                                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Failed to obtain file system." | PDF direct printing could not be performed because the file system could not be obtained. | Turn off the power, and then back on again. If the message appears again, contact your service representative.                                                                                                                                |
| "File system is full."          | PDF file does not print out because the capacity of the file system is full.              | <ul style="list-style-type: none"><li>• Delete all unnecessary files from the hard disk.</li><li>• Decrease the file size sent to the machine.</li></ul>                                                                                      |
| "Folding Unit Error."           | There is a problem with the multi-folding unit.                                           | Contact your service representative.                                                                                                                                                                                                          |
| "I/O buffer overflow."          | An input buffer overflow occurred.                                                        | <ul style="list-style-type: none"><li>• In [Printer Features], under [Host Interface], select [I/O Buffer], and then set the maximum buffer size to a larger value.</li><li>• Reduce the number of files being sent to the machine.</li></ul> |

| Messages                 | Causes                                                   | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Insufficient Memory"    | A memory allocation error occurred.                      | <p><b>PCL 6</b></p> <p>Select a lower resolution on the printer driver. For details about how to change the resolution setting, see the printer driver Help.</p> <p>On the printer driver's [Detailed Settings] tab, click [Print Quality] in "Menu:", and then select [Raster] in the "Vector/Raster:" list. In some cases, it will take a long time to complete a print job.</p> <p><b>PostScript 3</b></p> <p>Select a lower resolution on the printer driver. For details about how to change the resolution setting, see the printer driver Help.</p> |
| "Memory Retrieval Error" | A memory allocation error occurred.                      | Turn off the power, and then back on again. If the message appears again, replace the RAM. For details about replacing the RAM, contact your service representative.                                                                                                                                                                                                                                                                                                                                                                                       |
| "Paper Type Error"       | The specified paper type name is not set in the machine. | Re-obtain the latest paper type information set in the machine.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

If printing does not start, contact your service representative.

 **Note**

- The contents of errors may be printed on the Configuration Page. Check the Configuration Page in conjunction with the Error Log. For details about how to print the Configuration Page, see "List / Test Print", Print .

# Messages Displayed When Using the Scanner Function

The messages related to the scanner function are displayed on Type 1, 2 and 3 machines.

## Messages Displayed on the Control Panel When Using the Scanner Function

This section describes likely causes of and possible solutions for the error messages that appear on the control panel. If a message not described here appears, act according to the message.

| Messages                                                     | Causes                                                                                     | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Cannot find the specified path. Please check the settings." | The destination computer name or folder name is invalid.                                   | Check whether the computer name and the folder name for the destination are correct.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| "Cannot find the specified path. Please check the settings." | An anti-virus program or a firewall is preventing the machine connecting to your computer. | <p>Anti-virus programs and firewalls can prevent client computers from establishing connection with this machine.</p> <ul style="list-style-type: none"> <li>• If you are using anti-virus software, add the program to the exclusion list in the application settings. For details about how to add programs to the exclusion list, see the anti-virus software Help.</li> <li>• To prevent a firewall blocking the connection, register the machine's IP address in the firewall's IP address exclusion settings. For details about the procedure for excluding an IP address, see your operating system's Help.</li> </ul> |
| "Entered user code is not correct. Please re-enter."         | You have entered an incorrect user code.                                                   | Check the authentication settings, and then enter a correct user code.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| Messages                                                                                                                                                                     | Causes                                                                                                                                                                                                               | Solutions                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Exceeded max. number of alphanumeric characters for the path."                                                                                                              | The maximum number of specifiable alphanumeric characters in a path has been exceeded.                                                                                                                               | The maximum number of characters which can be entered for the path is 256. Check the number of characters you entered, and then enter the path again.                                                                                                                                                               |
| "Exceeded max. number of alphanumeric characters."                                                                                                                           | The maximum enterable number of alphanumeric characters has been exceeded.                                                                                                                                           | Check the maximum number of characters which can be entered, and then enter it again. For details about the maximum enterable number of characters, see "Values of Various Set Items for Transmission/Storage Function", Scan  . |
| "Programmed. Cannot program the destination(s) that is not programmed in the address book."                                                                                  | The destinations selected while registering to the program contain a folder destination for which one of the following destinations is set:<br><br>manually entered destination, WSD destination, or DSM destination | WSD destinations and DSM destinations cannot be registered to the program because they cannot be registered in the address book. For manually entered destinations, register the destinations in the address book, and then try to register them to the program again.                                              |
| "Scanner journal is full. Please check Scanner Features."                                                                                                                    | "Print & Delete Scanner Journal" in [Scanner Features] is set to [Do not Print: Disable Send], and Scanner Journal is full.                                                                                          | Print or delete Scanner Journal. For details about Scanner Features, see "General Settings", Scan  .                                                                                                                           |
| "The entered file name contains invalid character(s). Enter the file name again using any of the following 1 byte characters. " 0 to 9 ", " A to Z ", " a to z ", " . - _ "" | The file name contains a character that cannot be used.                                                                                                                                                              | Check the file name set at the time of scanning. For details about characters that can be used in file names, see "Specifying the File Name", Scan  .                                                                            |



| Messages                                                                                                                                                                     | Causes                                                                                                      | Solutions                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "The entered file name contains invalid character(s). Enter the file name again using any of the following 1 byte characters. " 0 to 9 ", " A to Z ", " a to z ", " . - _ "" | The file name contains a character that cannot be used.                                                     | Check the file name specified at the time of scanning. The file name specified in the Sending Scan Files to Folders function cannot contain the following characters:<br>\ / : * ? " < >  <br>The file name cannot start or end with a period ".". |
| "The program is recalled. Cannot recall the destination(s) for which access privileges are required."                                                                        | The program contains a destination for which the currently logged-in user does not have permission to view. | For details about how to set permissions, see "Limiting Available Functions", Security Guide ③.                                                                                                                                                    |
| "The program is recalled. Cannot recall the destination(s) that is deleted from the address book."                                                                           | The destination stored in the program could not be called because it was deleted from the address book.     | Enter the destination directly to send data separately.                                                                                                                                                                                            |
| "The program is recalled. Cannot recall the folder destination(s) with protection code(s)."                                                                                  | Destinations registered in the program contain a folder destination for which the protection code is set.   | A destination for which the protection code is set cannot be called by the program. Cancel the protection code setting or send scanned files to the destination separately.                                                                        |

## When documents cannot be scanned properly

| Messages                                                    | Causes                                                                                                                                                         | Solutions                                                                                                                                                                                                  |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "All the pages are detected as blank. No file was created." | No PDF file was created because all the pages of the scanned original were detected as blank when [On] is specified for [Delete Blank Page] in [OCR Settings]. | <ul style="list-style-type: none"> <li>Check whether the original is set upside down.</li> <li>Change [OCR Scanned PDF: Blank Page Sensitivity] in [Scanner Features] to "Sensitivity Level 1".</li> </ul> |

| Messages                                                                                                                                              | Causes                                                                                                                             | Solutions                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Check original's orientation."                                                                                                                       | Documents may sometimes not be scanned depending on a combination of items such as the specified scaling factor and document size. | Change the orientation of the original, and then try to scan the original again.                                                                                                                                                                                                                                                         |
| "Exceeded max. data capacity."<br>"Check scanning resolution, then press Start key again."                                                            | The scanned data exceeded maximum data capacity.                                                                                   | Specify the scan size and resolution again. Note that it may not be possible to scan very large originals at a high resolution. For details about the settings for the scanner function, see "Relationship between Resolution and Scan Size", Scan  .   |
| "Exceeded max. data capacity."<br>"Check the scanning resolution, then reset n original(s)."<br>( "n" in the message represents a changeable number.) | The scanned original exceeded maximum data capacity.                                                                               | Specify the scan size and resolution again. Note that it may not be possible to scan very large originals at a high resolution. For details about the settings for the scanner function, see "Relationship between Resolution and Scan Size", Scan  . |
| "Exceeded max. data capacity."<br>"Check the resolution and the ratio and then press the Start key again."                                            | The data being scanned is too large for the scale ratio specified in [Specify Size].                                               | Reduce the resolution or [Specify Size] value, and then try to scan the original again.                                                                                                                                                                                                                                                  |
| "Exceeded max. number of files which can be used in Document Server at the same time."                                                                | The maximum number of files that can be stored in the Document Server has been exceeded.                                           | Check the files stored by the other functions, and then delete unneeded files. For details about how to delete files, see "Deleting Stored Documents", Copy/ Document Server  .                                                                     |

| Messages                                                                                                                            | Causes                                                                                                       | Solutions                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Not all of the image will be scanned."                                                                                             | If the scaling factor specified in "Specify Reproduction Ratio" is too large, part of the image may be lost. | <ul style="list-style-type: none"> <li>• Reduce the scaling factor in "Specify Reproduction Ratio", and then try to scan the original again.</li> <li>• If displaying the entire image is not necessary, press the [Start] key to start scanning with the current scaling factor.</li> </ul> |
| "Not all of the image will be scanned."                                                                                             | Using [Specify Size] to scale down a large document may cause part of the image to be lost.                  | <ul style="list-style-type: none"> <li>• Specify a large size in [Specify Size], and then try to scan the original again.</li> <li>• If displaying the entire image is not necessary, press the [Start] key to start scanning with the current scaling factor.</li> </ul>                    |
| <p>"The size of the scanned data is too small."</p> <p>"Check the resolution and the ratio and then press the Start key again."</p> | The data being scanned is too small for the scale ratio specified in [Specify Size].                         | Specify a higher resolution or a large size in [Specify Size], and then try to scan the original again.                                                                                                                                                                                      |

When documents cannot be scanned because the memory is full

| Messages                                                                                                           | Causes                                                                                                                                                               | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Memory is full. Cannot scan.<br>The scanned data will be deleted."                                                | Because of insufficient hard disk space, the first page could not be scanned.                                                                                        | <ul style="list-style-type: none"><li>• Wait for a while, and then retry the scan operation.</li><li>• Reduce the scan area or scanning resolution. For details about changing scan area and scanning resolution, see "Scan Settings" of "Various Scan Settings", Scan .</li><li>• Delete unneeded stored files. For details about how to delete stored files, see "Deleting a Stored File", Scan .</li></ul> |
| "Memory is full. Do you want to store scanned file?"                                                               | Because there is not enough free hard disk space in the machine for storing in the Document Server, only some of the pages could be scanned.                         | Specify whether to use the data or not.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| "Memory is full. Scanning has been cancelled. Press [Send] to send the scanned data, or press [Cancel] to delete." | Because there is not enough free hard disk space in the machine for sending by e-mail while storing in the Document Server, only some of the pages could be scanned. | Specify whether to use the data or not.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## When data transmission fails

| Messages                                                                                                                                | Causes                                                                                                                                           | Solutions                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Authentication with the destination has failed. Check settings. To check the current status, press [Scanned Files Status]."            | The entered user name or password was invalid.                                                                                                   | <ul style="list-style-type: none"> <li>• Check that the user name and password are correct.</li> <li>• Check that the ID and password for the destination folder are correct.</li> <li>• A password of 128 or more characters may not be recognized.</li> </ul>                                                                                                          |
| "Exceeded max. E-mail size. Sending E-mail has been cancelled. Check [Max. E-mail Size] in Scanner Features."                           | The file size per page has reached the maximum e-mail size specified in [Scanner Features].                                                      | <ul style="list-style-type: none"> <li>• Increase the e-mail size limit in [Max. Email Size].</li> <li>• Change the [Divide &amp; Send Email] setting to [Yes (per Page)] or [Yes (per Max. Size)].</li> </ul> <p>For details about these settings, see "Send Settings", Scan .</p> |
| "Sending the data has failed. The data will be resent later."                                                                           | A network error has occurred and a file was not sent correctly.                                                                                  | Wait until sending is retried automatically after the preset interval. If sending fails again, contact your administrator.                                                                                                                                                                                                                                               |
| "Transmission has failed. Insufficient memory in the destination hard disk. To check the current status, press [Scanned Files Status]." | Transmission has failed. There was not enough free space on the hard disk of the SMTP server, FTP server, or client computer at the destination. | Allocate sufficient space.                                                                                                                                                                                                                                                                                                                                               |
| "Transmission has failed. To check the current status, press [Scanned Files Status]."                                                   | While a file was being sent, a network error occurred and the file could not be sent correctly.                                                  | If the same message appears again after scanning again, the cause could be a mixed network, or else network settings were changed during WSD scanner transmission. For details about network error, contact your administrator.                                                                                                                                          |

### When data cannot be sent because a currently used file is selected

| Messages                                                                  | Causes                                                                                                                                                | Solutions                                                                                                      |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| "Selected file is currently in use. File name cannot be changed."         | You cannot change the name of a file whose status is "Waiting..." or that is being edited with DeskTopBinder.                                         | Cancel transmission ("Waiting..." status cleared) or the DeskTopBinder setting, and then change the file name. |
| "Selected file is currently in use. Password cannot be changed."          | You cannot change the password of a file whose status is "Waiting..." or that is being edited with DeskTopBinder.                                     | Cancel transmission ("Waiting..." status cleared) or the DeskTopBinder setting, and then change the password.  |
| "Selected file is currently in use. User name cannot be changed."         | You cannot change the sender's name whose status is "Waiting..." or that is being edited with DeskTopBinder.                                          | Cancel transmission ("Waiting..." status cleared) or the DeskTopBinder setting, and then change the user name. |
| "Some of selected files are currently in use. They could not be deleted." | You cannot delete a file which is waiting to be transmitted ("Waiting..." status displayed) or whose information is being changed with DeskTopBinder. | Cancel transmission ("Waiting..." status cleared) or the DeskTopBinder setting, and then delete the file.      |

### When data cannot be sent because there are too many documents or pages

| Messages                                                                                                | Causes                                                                       | Solutions                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Exceeded max. number of pages per file. Do you want to store the scanned pages as 1 file?"             | The file being stored has exceeded the maximum number of pages for one file. | Specify whether to store the data or not. Scan the pages that were not scanned, and then store them as a new file. For details about storing files, see "Storing and Saving the Scanned Documents", Scan  . |
| "Exceeded max. number of stored files. Cannot send the scanned data as capturing files is unavailable." | Too many files are waiting to be sent.                                       | Try again after they have been sent.                                                                                                                                                                                                                                                             |

| Messages                                                                                                    | Causes                                                          | Solutions                                                      |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|
| "Exceeded max. page capacity per file. Press [Send] to send the scanned data, or press [Cancel] to delete." | The number of scanned pages exceeded the maximum page capacity. | Select whether to send the data that has already been scanned. |
| "Exceeded maximum number of file to store. Delete all unnecessary files."                                   | Too many files are waiting to be sent.                          | Try again after they have been sent.                           |

### When the WSD scanner function cannot be used

| Messages                                                  | Causes                                                                                                                                            | Solutions                                                                                                                                                                                                 |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Cannot communicate with PC. Contact the administrator."  | WSD (Device) protocol or WSD (Scanner) protocol is disabled.                                                                                      | For details about how to enable or disable the WSD protocol, see "Enabling and Disabling Protocols", Security Guide  . |
| "Cannot start scanning because communication was failed." | Scan Profile is not set on the client computer.                                                                                                   | Set Scan Profile. For details about how to do this, see "Creating a New Scan Profile", Scan  .                         |
| "Cannot start scanning because communication was failed." | The [Take no action] setting has been selected on the client computer, forcing the client computer to remain inactive when it receives scan data. | Open scanner properties, click the [Events] tab, and then select [Start this program] as the computer's response on receipt of scan data. For details, see your operating system's Help.                  |
| "Cannot start scanning. Check the setting(s) on the PC."  | The Scan Profile might be incorrectly configured.                                                                                                 | Check the Scan Profile configuration.                                                                                                                                                                     |

| Messages                                                               | Causes                                                                                                                                                                                                                                                                                                                                             | Solutions                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Could not send the data because the PC timed out before it was sent." | <p>A time out occurred when using WSD Scanner. Time outs occur when too much time passes between scanning an original and sending its data. The followings are likely causes of time outs:</p> <ul style="list-style-type: none"> <li>• Too many originals per set.</li> <li>• Misfed originals.</li> <li>• Transmission of other jobs.</li> </ul> | <ul style="list-style-type: none"> <li>• Reduce the number of originals, and then scan again.</li> <li>• Remove any misfed original, and then scan again.</li> <li>• Use Scanner Journal to check there are no jobs awaiting transmission, and then scan again.</li> </ul> |

### When documents cannot be stored on a memory storage device

| Messages                                                                                  | Causes                                                                                                                                                                                                                                                                                         | Solutions                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Cannot write on the memory storage device because remaining free space is insufficient." | <ul style="list-style-type: none"> <li>• The memory storage device is full and scan data cannot be saved.</li> <li>• Even if the memory storage device appears to have sufficient free space, data might not be saved if the maximum number of files that can be saved is exceeded.</li> </ul> | <ul style="list-style-type: none"> <li>• Replace the memory storage device.</li> <li>• If the document is scanned as single-page or divided multiple pages, data already written to the memory storage device is saved as is. Replace the memory storage device, and then press [Retry] to save the remaining data, or press [Cancel] to redo the scan.</li> </ul> |
| "Cannot write on the memory storage device because the device is write-protected."        | The memory storage device is write-protected.                                                                                                                                                                                                                                                  | Unlock the write-protection on the memory storage device.                                                                                                                                                                                                                                                                                                          |



| Messages                                                                                                                                   | Causes                                                                                                                                                            | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Cannot write on the memory storage device. Check the memory storage device and machine settings."                                         | The memory storage device is faulty, or the file name contains a character that cannot be used.                                                                   | <ul style="list-style-type: none"> <li>• Check to see if the memory storage device is defective.</li> <li>• Check the memory storage device. It might be unformatted, or its format might be incompatible with this machine.</li> <li>• Check the file name set at the time of scanning. For details about the characters that can be used in file names, see "Specifying the File Name", Scan .</li> </ul> |
| "Exceeded max. page capacity per file. Press [Write] to write the scanned data to the memory storage device, or press [Cancel] to delete." | The scan could not be completed because the maximum number of pages that can be scanned by this machine was exceeded during writing to the memory storage device. | Reduce the number of documents to be written to the memory storage device, and then try again.                                                                                                                                                                                                                                                                                                                                                                                                 |
| "Memory is full. Press [Write] to write the current scanned data to the memory storage device, or press [Cancel] to delete."               | The scan could not be completed because there was insufficient hard disk memory at the time of saving to the memory storage device.                               | Select whether or not to save the scanned document to the memory storage device.                                                                                                                                                                                                                                                                                                                                                                                                               |

## Messages Displayed on the Client Computer

This section describes likely causes of and possible solutions for the main error messages displayed on the client computer when using the TWAIN driver. If a message not described here appears, act according to the message.

| Messages                                                                                         | Causes                                                                             | Solutions                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Any of Login User Name, Login Password or Driver Encryption Key is incorrect."                  | The entered login user name, login password, or driver encryption key was invalid. | Check your login user name, login password, or driver encryption key, and then enter them correctly. For details about login user name, login password, and driver encryption key, see "Encrypting Transmitted Passwords", Security Guide  . |
| "Authentication succeeded. However, the access privileges for scanner function has been denied." | The logged in user name does not have permission for scanner function.             | For details about how to set permissions, see "Limiting Available Functions", Security Guide  .                                                                                                                                                |
| "Cannot add any more scanning mode."                                                             | The maximum number of registerable scan modes has been exceeded.                   | The maximum number of modes that can be stored is 100. Delete unneeded modes.                                                                                                                                                                                                                                                   |
| "Cannot detect the paper size of the original. Specify the scanning size."                       | The set original was misaligned.                                                   | <ul style="list-style-type: none"> <li>Place the original correctly.</li> <li>Specify the scan size.</li> <li>When placing an original directly on the exposure glass, the lifting/lowering action of the ADF triggers the automatic original size detection process. Lift the ADF by 30 degrees or more.</li> </ul>            |
| "Cannot specify any more scanning area."                                                         | The maximum number of registerable scan areas has been exceeded.                   | The maximum number of scanning areas that can be stored is 100. Delete unneeded scanning areas.                                                                                                                                                                                                                                 |

| Messages                                    | Causes                                                                                    | Solutions                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Clear Misfeed(s) in ADF."                  | A paper misfeed has occurred inside the ADF.                                              | <ul style="list-style-type: none"> <li>Remove the jammed originals, and then insert them again. For details about jammed paper, see "Removing Jammed Paper", Troubleshooting ⑧.</li> <li>When a misfeed occurs, replace the jammed originals.</li> <li>Check whether the originals are suitable to be scanned by the machine.</li> </ul> |
| "Error has occurred in the scanner driver." | An error has occurred in the driver.                                                      | <ul style="list-style-type: none"> <li>Check whether the network cable is connected correctly to the client computer.</li> <li>Check whether the Ethernet board of the client computer is recognized correctly by Windows.</li> <li>Check whether the client computer can use the TCP/IP protocol.</li> </ul>                            |
| "Error has occurred in the scanner."        | The application-specified scan conditions have exceeded the setting range of the machine. | Check whether the scanning settings made with the application exceed the setting range of the machine.                                                                                                                                                                                                                                   |
| "Fatal error has occurred in the scanner."  | An unrecoverable error has occurred on the machine.                                       | An unrecoverable error has occurred in the machine. Contact your service representative.                                                                                                                                                                                                                                                 |

| Messages                                                                    | Causes                                       | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Insufficient memory. Close all other applications, then restart scanning." | Memory is insufficient.                      | <ul style="list-style-type: none"> <li>• Close all the unnecessary applications running on the client computer.</li> <li>• Uninstall the TWAIN driver, and then reinstall it after restarting the computer.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| "Insufficient memory. Reduce the scanning area."                            | Scanner memory is insufficient.              | <ul style="list-style-type: none"> <li>• Reset the scan size.</li> <li>• Lower the resolution.</li> <li>• Set with no compression. For details about the settings, see TWAIN driver Help.</li> </ul> <p>The problem may be due to the following causes:</p> <ul style="list-style-type: none"> <li>• Scanning cannot be performed if large values are set for brightness when using halftone or high resolution. For details about the relationship between scan settings, see "Relationship between Resolution and Scan Size", Scan .</li> <li>• If a misfeed occurs, you might not scan an original. Remove the misfeed, and then scan the original again.</li> </ul> |
| "Invalid Winsock version. Please use version 1.1 or higher."                | You are using an invalid version of Winsock. | Install the operating system of the computer or copy Winsock from the operating system CD-ROM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Messages                                                   | Causes                                                                                               | Solutions                                                                                                                                                                                                                                                     |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "No response from the scanner."                            | The machine or client computer is not connected to the network correctly.                            | <ul style="list-style-type: none"> <li>• Check whether the machine or client computer is connected to the network correctly.</li> <li>• Disable the client computer's own firewall. For details about firewall, see Windows Help.</li> </ul>                  |
| "No response from the scanner."                            | The network is crowded.                                                                              | Wait for a while, and then try to reconnect.                                                                                                                                                                                                                  |
| "Scanner is in use for other function. Please wait."       | A function of the machine other than the Scanner function is being used such as the Copier function. | <ul style="list-style-type: none"> <li>• Wait for a while, and then reconnect.</li> <li>• Cancel the job that is being processed. Press the [Stop] key. Follow the instructions in the message that appears and exit the function that is running.</li> </ul> |
| "Scanner is not available on the specified device."        | The TWAIN scanner function cannot be used on this machine.                                           | Contact your service representative.                                                                                                                                                                                                                          |
| "Scanner is not ready. Check the scanner and the options." | The ADF cover is open.                                                                               | Check whether the ADF cover is closed.                                                                                                                                                                                                                        |
| "The name is already in use. Check the registered names."  | You tried to register a name that is already in use.                                                 | Use another name.                                                                                                                                                                                                                                             |

### When there is a problem connecting to the scanner

| Messages                                                                               | Causes                 | Solutions                                                     |
|----------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------|
| "Cannot connect to the scanner. Check the network Access Mask settings in User Tools." | An access mask is set. | For details about an access mask, contact your administrator. |

| Messages                                                                                                                          | Causes                                                            | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Cannot find "XXX" scanner used for the previous scan. "YYY" will be used instead."<br>( "XXX" and "YYY" indicate scanner names.) | The main power of the previously used scanner is not set to "On". | Check whether the main power of the scanner used for the previous scan is turned on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| "Cannot find "XXX" scanner used for the previous scan. "YYY" will be used instead."<br>( "XXX" and "YYY" indicate scanner names.) | The machine is not connected to the network correctly.            | <ul style="list-style-type: none"> <li>• Check that the previously used scanner is connected to the network correctly.</li> <li>• Cancel the personal firewall of the client computer. For details about firewall, see Windows Help.</li> <li>• Use an application such as telnet to make sure SNMPv1 or SNMPv2 is set as the machine's protocol. For details about how to check this, see "Remote Maintenance Using telnet", Connecting the Machine/ System Settings .</li> <li>• Select the scanner used for the previous scan.</li> </ul> |
| "Communication error has occurred on the network."                                                                                | A communication error has occurred on the network.                | Check whether the client computer can use the TCP/IP protocol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| "Scanner is not available. Check the scanner connection status."                                                                  | The machine's power is off.                                       | Turn on the power.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Messages                                                            | Causes                                                                                                                                                                                       | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Scanner is not available.<br>Check the scanner connection status." | The machine is not connected to the network correctly.                                                                                                                                       | <ul style="list-style-type: none"> <li>• Check whether the machine is connected to the network correctly.</li> <li>• Deselect the personal firewall function of the client computer. For details about firewall, see Windows Help.</li> <li>• Use an application such as telnet to make sure SNMPv1 or SNMPv2 is set as the machine's protocol. For details about how to check this, see "Remote Maintenance Using telnet", Connecting the Machine/ System Settings .</li> </ul> |
| "Scanner is not available.<br>Check the scanner connection status." | Network communication is not available because the machine's IP address could not be obtained from the host name. If only "IPv6" is set to [Active], the IPv6 address might not be obtained. | <ul style="list-style-type: none"> <li>• Check whether the machine's host name is specified in the Network Connection Tool. For the WIA driver, check the [Network Connection] tab in the properties.</li> <li>• Use Web Image Monitor to set "LLMNR" of "IPv6" to [Active].</li> </ul>                                                                                                                                                                                                                                                                             |

## When Other Messages Appear

The messages related to scan function, destination list, user certificate and LDAP server are displayed on Type 1, 2 and 3 machines.

| Messages                                                                                                                                                       | Causes                                                                                                                                                                                                                                                                               | Solutions                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "A mainframe communication error has occurred with an extended option. Check the status indicator on the interface box."                                       | An error occurred when the machine tried to communicate with the interface box.                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>• Check the status indicator on the interface box.</li> <li>• Check the connection between the machine and the interface box.</li> </ul>                    |
| "An extended option error has occurred. Check the status of the extended option."                                                                              | An error has occurred in the interface box.                                                                                                                                                                                                                                          | Check the status of the interface box, and then resolve the error.                                                                                                                                 |
| "Cannot connect with the wireless card. Turn the main power switch off, then check the card."<br>(A "wireless LAN board" is referred to as a "wireless card".) | <ul style="list-style-type: none"> <li>• The wireless LAN board was not inserted when the machine was turned on.</li> <li>• The wireless LAN board was pulled out after the machine was turned on.</li> <li>• The settings are not updated although the unit is detected.</li> </ul> | Turn off the power, and then confirm the wireless LAN board is inserted correctly. After confirmation, turn on the power again. If the message appears again, contact your service representative. |
| "Clean the scanning glass. (Located next to the exposure glass.)"                                                                                              | The scanning glass or guide plate of the ADF is dirty.                                                                                                                                                                                                                               | Clean them. See "Maintaining Your Machine", Maintenance and Specifications  .                                 |



| Messages                                          | Causes                                                                                     | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Following output tray is full.<br>Remove paper." | The output tray is full.                                                                   | <ul style="list-style-type: none"> <li>Remove paper from the output tray to resume printing. If paper is destined for the finisher shift tray, to prevent paper from falling off the tray press the [Stop] key to suspend printing, and then remove the paper. Press [Continue] on the display panel to resume printing.</li> <li>When using the multi-folding unit, the number of sheets per copy paper stack differs depending on the paper type and fold type.</li> </ul> |
| "Internal cooling fan is active."                 | Large print runs will cause the machine's interior to heat up, triggering the cooling fan. | The fan will emit noise, but this is normal and the machine will be operable while the fan is running. The amount of paper that can be printed and the total operation time until the fan starts running depends on the temperature of the location at which the machine is installed.                                                                                                                                                                                       |
| "Self checking..."                                | The machine is performing image adjustment operations.                                     | The machine may perform periodic maintenance during operations. The frequency and duration of maintenance depends on the humidity, temperature, and printing factors such as number of prints, paper size, and paper type. Wait for the machine to get ready.                                                                                                                                                                                                                |

## When There Is a Problem Scanning or Storing Originals

| Messages                                                                              | Causes                                                  | Solutions                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Cannot detect original size. Select scan size."                                      | The machine failed to detect the size of the original.  | <ul style="list-style-type: none"> <li>Place the original correctly.</li> <li>Specify the scan size, and then place the originals again.</li> <li>When placing an original directly on the exposure glass, the lifting/lowering action of the ADF triggers the automatic original size detection process. Lift the ADF by 30 degrees or more.</li> </ul> |
| "Captured file exceeded max. number of pages per file. Cannot send the scanned data." | The maximum number of pages per file has been exceeded. | Reduce the number of pages in the transmitted file, and then resend the file. For details about the maximum number of pages per file, see "Storage Function", Scan  .                                                                                                 |
| "Original(s) is being scanned for a different function."                              | Another function of the machine is being used.          | Cancel the job in progress. Press [Exit], and then press the [Stop] key. Follow the instructions in the message that appears and exit the function that is running.                                                                                                                                                                                      |

## When the Home Screen Cannot Be Edited

| Messages                                                              | Causes                            | Solutions                                                                                                                                                                                                  |
|-----------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "The image data size is not valid. See the manual for required data." | The image data size is not valid. | For details about file size for shortcut image, see "Displaying an Image on the [Home] Screen", Convenient Functions  . |

| Messages                                                                       | Causes                                                              | Solutions                                                                            |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| "The format of the image data is not valid. See the manual for required data." | The file format of the shortcut image to be added is not supported. | The file format of shortcut images to be added must be PNG. Specify the image again. |

## When the Address Book Is Updated

| Messages                                               | Causes                        | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Updating the destination list has failed. Try again?" | A network error has occurred. | <ul style="list-style-type: none"> <li>• Check whether the server is connected.</li> <li>• Anti-virus programs and firewalls can prevent client computers from establishing connection with this machine.</li> <li>• If you are using anti-virus software, add the program to the exclusion list in the application settings. For details about how to add programs to the exclusion list, see the anti-virus software Help.</li> <li>• To prevent a firewall blocking the connection, register the machine's IP address in the firewall's IP address exclusion settings. For details about the procedure for excluding an IP address, see your operating system's Help.</li> </ul> |

| Messages                                                                                                    | Causes                                                                                                             | Solutions                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Updating the destination list... Please wait. Specified destination(s) or sender's name has been cleared." | The destination list is being updated from the network using Web Image Monitor.                                    | Wait until the message disappears. Do not turn off the power while this message is displayed. Depending on the number of destinations to be updated, there may be some delay before you can resume operation. Operation is not possible while this message is displayed. |
| "Updating the destination list... Please wait. Specified destination(s) or sender's name has been cleared." | A specified destination or sender's name was cleared when the destination list in the delivery server was updated. | Specify the destination or sender's name again.                                                                                                                                                                                                                          |

### When Data Cannot Be Sent Due to a Problem with the Destination

| Messages                                                                                  | Causes                                                                                                                                                | Solutions                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Some invalid destination(s) contained. Do you want to select only valid destination(s)?" | The specified group contains e-mail destinations and/or folder destinations, either of which are incompatible with the specified transmission method. | In the message that appears at each transmission, press [Select].                                                                                                                                      |
| "SMTP authentication E-mail address and Administrator E-mail address mismatch."           | The SMTP authentication e-mail address and the administrator's e-mail address do not match.                                                           | For details about how to set SMTP authentication, see "File Transfer", Connecting the Machine/ System Settings  . |

## When the Machine Cannot Be Operated Due to a Problem with the User Certificate

| Messages                                                                                                                                                                           | Causes                                                                  | Solutions                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "The destination cannot be selected because its encryption certificate is not currently valid."                                                                                    | The user certificate (destination certificate) has expired.             | A new user certificate must be installed. For details about the user certificate (destination certificate), see "Configuring S/MIME", Security Guide ⑧.                                    |
| "The group destination cannot be selected because it contains a destination with a encryption certificate that is not currently valid."                                            | The user certificate (destination certificate) has expired.             | A new user certificate must be installed. For details about the user certificate (destination certificate), see "Configuring S/MIME", Security Guide ⑧.                                    |
| "Transmission cannot be performed because the encryption certificate is not currently valid."                                                                                      | The user certificate (destination certificate) has expired.             | A new user certificate must be installed. For details about the user certificate (destination certificate), see "Configuring S/MIME", Security Guide ⑧.                                    |
| "XXX cannot be YYY because the device certificate used for the S/MIME signature is not currently valid."<br>(XXX and YYY indicate the user action.)                                | The device certificate (S/MIME) has expired.                            | A new device certificate (S/MIME) must be installed. For details about how to install a device certificate (S/MIME), see "Communication Paths via a Device Certificate", Security Guide ⑧. |
| "XXX cannot be YYY because there is a problem with the device certificate used for the S/MIME signature. Check the device certificate."<br>(XXX and YYY indicate the user action.) | There is no device certificate (S/MIME), or the certificate is invalid. | For details about the device certificate (S/MIME), see "Communication Paths via a Device Certificate", Security Guide ⑧.                                                                   |

| Messages                                                                                                                                                                 | Causes                                                                                                                      | Solutions                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "XXX cannot be YYY because the Digital Signature's device certificate is not currently valid."<br>(XXX and YYY indicate the user action.)                                | The device certificate (PDF with digital signature or PDF/A with digital signature) has expired.                            | A new device certificate (PDF with digital signature or PDF/A with digital signature) must be installed. For details about how to install a device certificate (PDF with digital signature or PDF/A with digital signature), see "Configuring PDFs with Electronic Signatures", Security Guide  .   |
| "XXX cannot be YYY because there is a problem with the Digital Signature's device certificate. Check the device certificate."<br>(XXX and YYY indicate the user action.) | There is no device certificate (PDF with digital signature or PDF/A with digital signature), or the certificate is invalid. | A new device certificate (PDF with digital signature or PDF/A with digital signature) must be installed. For details about how to install a device certificate (PDF with digital signature or PDF/A with digital signature), see "Configuring PDFs with Electronic Signatures", Security Guide  . |

 **Note**

- If an e-mail cannot be sent and a message appears which states that there is a problem with the device certificate or user certificate, a new certificate must be installed. For details about how to install a new certificate, see "Configuring S/MIME" or "Protecting Communication Paths via a Device Certificate", Security Guide .

## When Problems Occur While Logging In

| Messages                     | Causes                                                        | Solutions                                                                                                                                                                                          |
|------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Authentication has failed." | The entered login user name or login password is not correct. | For details about the correct login user name and login password, see "Basic Authentication", Security Guide  . |

| Messages                     | Causes                                     | Solutions                                                                                                                                                                   |
|------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Authentication has failed." | The machine cannot perform authentication. | For details about authentication, see "Configuring User Authentication", Security Guide  . |

## When the User Lacks Privileges to Perform an Operation

| Messages                                                                                                                 | Causes                                                                      | Solutions                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "You do not have the privileges to use this function."                                                                   | The logged in user name does not have permission for the selected function. | For details about how to set permissions, see "Limiting Available Functions", Security Guide  .                                                                        |
| "The selected file(s) contained file(s) without access privileges. Only file(s) with access privileges will be deleted." | You have tried to delete files without the authority to do so.              | To check your access permission for stored documents, or to delete a document you do not have permission to delete, see "Managing Stored Files", Security Guide  . |

## When the LDAP Server Cannot Be Used

| Messages                                                           | Causes                                                  | Solutions                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Connection with LDAP server has failed. Check the server status." | A network error has occurred and connection has failed. | <ul style="list-style-type: none"> <li>Try the operation again. If the message is still shown, the network may be busy.</li> <li>Check the settings for LDAP server in [System Settings]. For details about settings for LDAP server, see "Programming the LDAP server", Connecting the Machine/ System Settings .</li> </ul> |

| Messages                                                               | Causes                                                  | Solutions                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "Exceeded time limit for LDAP server search. Check the server status." | A network error has occurred and connection has failed. | <ul style="list-style-type: none"><li>• Try the operation again. If the message is still shown, the network may be busy.</li><li>• Check that the correct settings for LDAP server are listed in [Administrator Tools] of [System Settings]. For details about LDAP server, see "Programming the LDAP server", Connecting the Machine/System Settings ⑥.</li></ul> |
| "LDAP server authentication has failed. Check the settings."           | A network error has occurred and connection has failed. | Make settings correctly for the user name and the password for LDAP server authentication.                                                                                                                                                                                                                                                                         |



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