

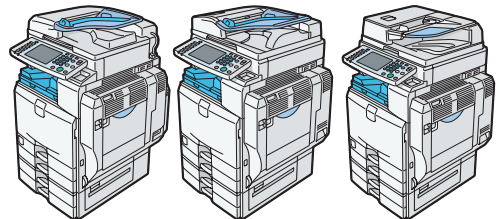


C9130/C9135/C9145/C9145A/C9155/C9155A
C9130G/C9135G/C9145G/C9145AG/C9155G/C9155AG
LD630C/LD635C/LD645C/LD645CA/LD655C/LD655CA
LD630CG/LD635CG/LD645CG/LD645CAG/LD655CG/LD655CAG
Aficio™ MP C3001/C3501/C4501/C4501A/C5501/C5501A
Aficio™ MP C3001g/C3501g/C4501g/C4501Ag/C5501g/C5501Ag

Operating Instructions

Copy and Document Server

Reference



-
- 1** Placing Originals
 - 2** Basic Copying
 - 3** Color Copying
 - 4** Advanced Copying
 - 5** Document Server
 - 6** Copier and Document Server Features
 - 7** Appendix

TABLE OF CONTENTS

- Manuals for This Machine.....6
- Notice.....8
 - Important.....8
- Available Color Functions.....9
 - Color Copying.....9
 - Stamping on Copies.....11
 - Adjusting Colors.....12
 - Adjusting Image Qualities.....13
- How to Read This Manual.....15
 - Symbols.....15
 - Machine Types.....15
 - Names of Major Items.....16
 - Notes.....16
- Laws and Regulations.....17
 - Legal Prohibition.....17
- Functions Requiring Optional Configurations.....18
- Display Panel.....19
 - Simplified Display.....20
- 1. Placing Originals**

- Originals.....21
 - Sizes and Weights of Recommended Originals.....21
 - Sizes Detectable with Auto Paper Select.....23
 - Missing Image Area.....25
- Placing Originals.....26
 - Original Orientation.....26
 - Left Original Beeper.....28
 - Placing Originals on the Exposure Glass.....28
 - Placing Originals in the Auto Document Feeder.....29
 - Batch Mode.....32
 - SADF Mode.....33
 - Mixed Sizes Mode.....34
 - Specifying Original Sizes.....35

2. Basic Copying

Basic Procedure.....	39
Interrupt Copy.....	40
Auto Start.....	41
Job Preset.....	41
Copying from the Bypass Tray.....	43
Copying onto Regular Size Paper.....	45
Copying onto Custom Size Paper.....	46
Copying onto OHP Transparencies or Thin Paper.....	48
Copying onto Thick Paper.....	49
Copying onto Envelopes from the Bypass Tray.....	50
Copying onto Envelopes from the Small Size Paper Tray.....	53
Reducing or Enlarging Originals.....	55
Preset Reduce / Enlarge.....	55
Zoom.....	57
Auto Reduce / Enlarge.....	60
Duplex Copying.....	62
Originals and Copy Orientation.....	65
Combined Copying.....	66
One-Sided Combine.....	66
Two-Sided Combine.....	70
Finishing.....	74
Sort.....	74
Stack.....	80
Staple.....	83
Punch.....	90
Storing Data in the Document Server.....	94
Managing Jobs.....	96
Job List Screen.....	96
Checking Jobs in the Job List.....	97
Changing the Order of Jobs.....	98
Holding Jobs.....	98
Deleting Jobs.....	99

Checking the Job History.....	100
Registering Frequently Used Functions.....	101
Registering Functions in a Program.....	101
Changing a Stored Program.....	102
Recalling a Stored Program.....	103
Deleting a Stored Program.....	103
Changing the Default Functions of the Copy's Initial Display.....	105

3. Color Copying

Color Functions.....	107
Selecting a Color Mode.....	107
Convert Colors.....	108
Erase Color.....	109
Color Background.....	111
Adjusting Color and Image Quality.....	112
Color Balance.....	112
Color Balance Program.....	113
Color Adjustment.....	115
Image Adjustment.....	116
User Color.....	120

4. Advanced Copying

Adjusting Copy Image Density.....	125
Auto Image Density.....	125
Manual Image Density.....	125
Combined Auto and Manual Image Density.....	126
Selecting the Original Type.....	127
Selecting Copy Paper.....	129
Auto Paper Select.....	129
Manual Paper Select.....	130
Advanced Reduce / Enlarge Copying.....	132
Size Magnification.....	132
Directional Magnification (%).....	133
Directional Size Magnification (inch).....	136
Create Margin.....	138

Stamps.....	139
Background Numbering.....	139
Preset Stamp.....	140
User Stamp.....	143
Date Stamp.....	149
Page Numbering.....	152
Advanced Copier Functions.....	160
Margin Adjustment.....	160
Erase Center / Border.....	161
Image Repeat.....	167
Double Copies.....	171
Centering.....	172
Positive/Negative.....	173
Mirror Image.....	174
Series Copies.....	175
Booklet/Magazine.....	177
Covers.....	181
Designate.....	184
Chapters.....	186
Slip Sheet.....	187

5. Document Server

Relationship between Document Server and Other Functions.....	191
Document Server Display.....	192
Simplified Display.....	193
Preview Display.....	194
Using the Document Server.....	196
Storing Data.....	196
Changing the User Name of a Stored Document.....	200
Changing the File Name of a Stored Document.....	201
Changing the Password of a Stored Document.....	202
Checking the Details of a Stored Document.....	202
Searching for Stored Documents.....	203
Printing Stored Documents.....	205

Deleting a Stored Document.....	211
Displaying Stored Documents with Web Image Monitor.....	212
Downloading Stored Documents with Web Image Monitor.....	213
Registering Frequently Used Functions for Printing Stored Documents from the Document Server.....	214
Changing the Default Functions of the Document Server's Initial Display.....	214

6. Copier and Document Server Features

Accessing User Tools.....	217
Changing Default Settings.....	217
Quitting User Tools.....	218
General Features.....	219
Reproduction Ratio.....	223
Edit.....	225
Stamp.....	229
Background Numbering.....	229
Preset Stamp.....	229
User Stamp.....	230
Date Stamp.....	231
Page Numbering.....	233
Input / Output.....	235
Adjust Color Image.....	238
Administrator Tools.....	239

7. Appendix

Function Compatibility.....	241
Trademarks.....	243
INDEX	245

Manuals for This Machine

Read this manual carefully before you use this machine.

Refer to the manuals that are relevant to what you want to do with the machine.

Important

- Media differ according to manual.
- The printed and electronic versions of a manual have the same contents.
- Adobe Acrobat Reader/Adobe Reader must be installed in order to view the manuals as PDF files.
- A Web browser must be installed in order to view the html manuals.

About This Machine

Before using the machine, be sure to read the section of this manual entitled Safety Information.

This manual introduces the machine's various functions. It also explains the control panel, preparation procedures for using the machine, how to enter text, how to install the CD-ROMs provided, and how to replace paper, toner, staples, and other consumables.

Troubleshooting

Provides a guide for resolving common usage-related problems.

Copy and Document Server Reference

Explains Copier and Document Server functions and operations. Also refer to this manual for explanations on how to place originals.

Facsimile Reference

Explains Facsimile functions and operations.

Printer Reference

Explains Printer functions and operations.

Scanner Reference

Explains Scanner functions and operations.

Network and System Settings Reference

Explains how to connect the machine to a network, configure and operate the machine in a network environment, and use the software provided. Also explains how to change User Tools settings and how to register information in the Address Book.

Security Reference

This manual is for administrators of the machine. It explains security functions that you can use to prevent unauthorized use of the machine, data tampering, or information leakage. For enhanced security, we recommend that you first make the following settings:

- Install the Device Certificate.
- Enable SSL (Secure Sockets Layer) Encryption.

-
- Change the user name and password of the administrator using Web Image Monitor.

For details, see “Setting up the Machine”, Security Reference.

Be sure to read this manual when setting the enhanced security functions, or user and administrator authentication.

PostScript 3 Supplement

Explains how to set up and use PostScript 3.

VM Card Extended Feature Settings Device Reference

Explains how to set up the extended features settings with the machine.

VM Card Extended Feature Settings Web Reference

Explains how to set up the extended features settings using Web Image Monitor.

Other manuals

- UNIX Supplement
- Quick Reference Copy Guide
- Quick Reference Printer Guide
- Quick Reference Fax Guide
- Quick Reference Scanner Guide
- App2Me Start Guide

↓ Note

- Manuals provided are specific to machine types.
- For “UNIX Supplement”, please visit our Web site or consult an authorized dealer. This manual includes descriptions of functions and settings that might not be available on this machine.

Notice

Important

In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

For good copy quality, the manufacturer recommends that you use genuine toner from the manufacturer.

The manufacturer shall not be responsible for any damage or expense that might result from the use of parts other than genuine parts from the manufacturer with your office products.

Available Color Functions

This section introduces the machine's color functions that you are likely to use most often.

Color Copying

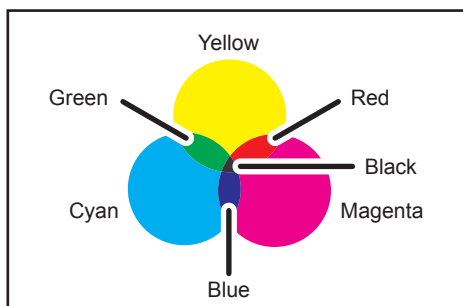
You can switch the color copy mode depending on the type of originals used and the desired finish.

You can also erase or convert a certain color in the original, or add a background color to the whole page.

See p.107 "Selecting a Color Mode".

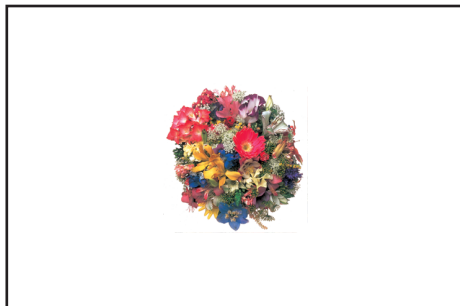
Primary Colors

Colors can be created by combining the three primary colors: yellow, magenta, and cyan. Black can be made by combining yellow, magenta and cyan, however, as there might be some slight differences, "black" will be expressed using a black toner.



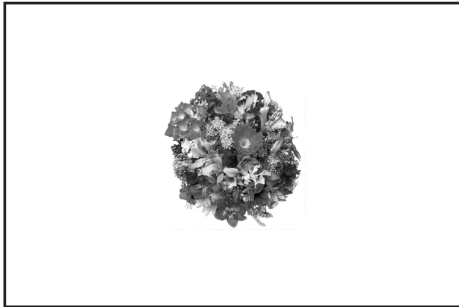
Full Color

Copies using four colors: yellow, magenta, cyan, and black.



Black & White

Copies in black and white even if the original is colored.

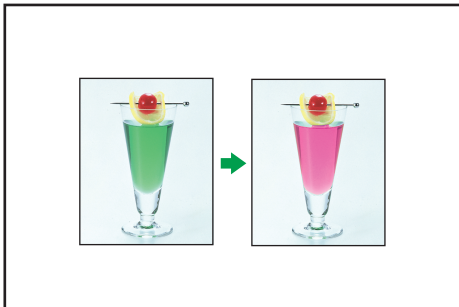


BZH017

Convert Colors

Copies by changing a certain color in the original to another color.

See p.108 "Convert Colors".

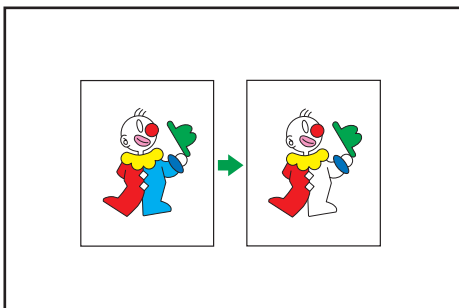


BZH018

Erase Specified Color

Copies by erasing a certain color in the original.

See p.109 "Erase Color".

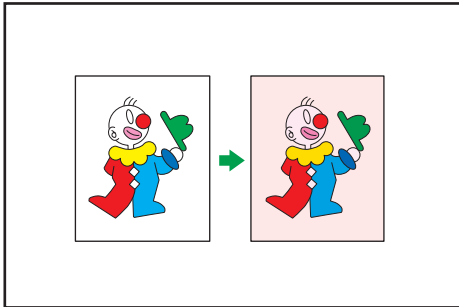


BZH019

Color Background

Copies by adding a color to the whole page.

See p.111 "Color Background".

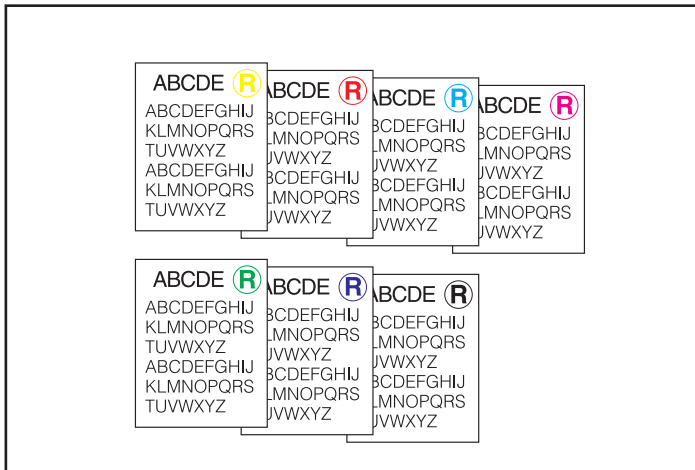


BZH020

Stamping on Copies

Copies with the date, page numbers, etc.

The stamp color can be yellow, red, cyan, magenta, green, blue, and black.



BZH021

Printed inserts types:

Background Numbering

See p.139 "Background Numbering".

Preset Stamp

See p.140 "Preset Stamp".

User Stamp

See p.143 "User Stamp".

Date Stamp

See p.149 "Date Stamp".

Page Numbering

See p.152 "Page Numbering".

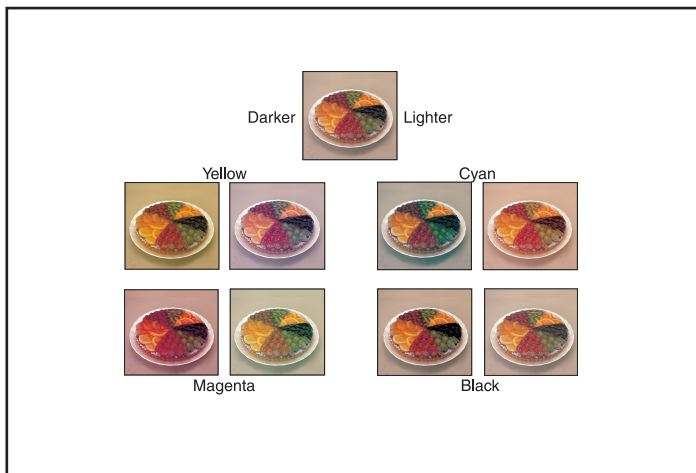
Adjusting Colors

You can adjust the color tone of copies.

Color Balance

Adjusts the overall color tone of copies.

See p.112 "Color Balance".

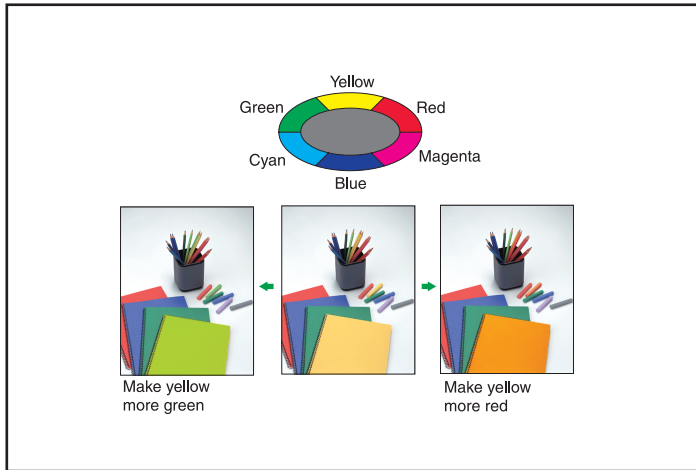


BZH022

Adjust Color

Adjusts the specific colors (yellow, red, magenta, blue, cyan and green) by mixing them with adjacent colors in the color circle.

See p.115 "Color Adjustment".



BZH023

Adjusting Image Qualities

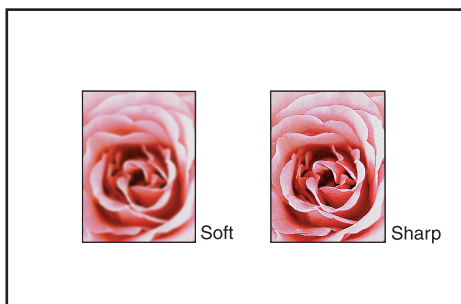
You can adjust image qualities.

See p.116 "Image Adjustment".

Sharp / Soft

Adjusts the outline of an image.

See p.117 "Sharp / Soft".

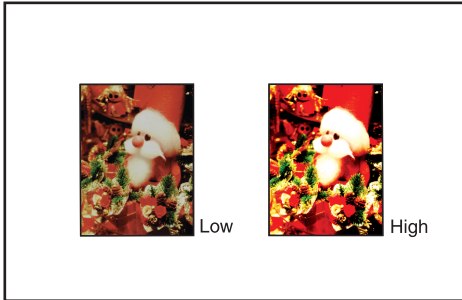


BZH024

Contrast

Adjusts the shades of an image.

See p.118 "Contrast".

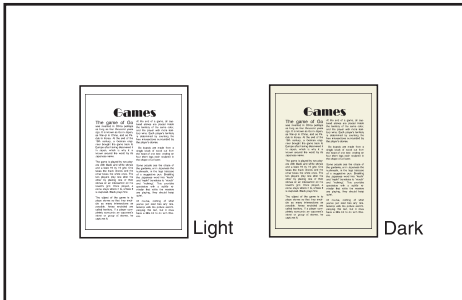


BZH025

Background Density

Adjusts the background density of an image.

See p.118 "Background Density".



BZH026

How to Read This Manual

↓ Note

- For proper use of this product, be sure to read About This Machine first.

Symbols

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.

Machine Types

This machine comes in several models which vary in copy/print speed.

Machine types for users of type 1 and 2

	Type 1	Type 2
Copy/print speed (Full Color)	30 sheets/minute (A4📄, 8 ¹ / ₂ × 11📄)	35 sheets/minute (A4📄, 8 ¹ / ₂ × 11📄)
Copy/print speed (B&W)	30 sheets/minute (A4📄, 8 ¹ / ₂ × 11📄)	35 sheets/minute (A4📄, 8 ¹ / ₂ × 11📄)

Machine types for users of type 3 and 4*¹

	Type 3	Type 4
Copy/print speed (Full Color)	45 sheets/minute (A4□, 8 ¹ / ₂ × 11□)	55 sheets/minute (A4□, 8 ¹ / ₂ × 11□)
Copy/print speed (B&W)	45 sheets/minute (A4□, 8 ¹ / ₂ × 11□)	55 sheets/minute (A4□, 8 ¹ / ₂ × 11□)

*¹ Type 3 and 4 are equipped with the one-pass duplex scanning ADF as standard, or can be fitted with the optional ARDF or exposure glass cover.

Names of Major Items

Major items of this machine are referred to as follows in this manual:

- Auto Reverse Document Feeder → ARDF
- Auto document feeder → ADF (in this manual, "ADF" refers to the ARDF and the one-pass duplex scanning ADF)
- Large capacity tray → LCT
- Envelope Feeder EF3000 → Small size paper tray

Notes

Contents of this manual are subject to change without prior notice.

Colors on color keys or the color circle may differ slightly from the colors of actual copies.

The color samples in this manual may differ slightly from the colors of actual copies.

Some illustrations in this manual might be slightly different from the machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

Depending on which country you are in, certain units may be optional. For details, please contact your local dealer.

Laws and Regulations

Legal Prohibition

Do not copy or print any item for which reproduction is prohibited by law.

Copying or printing the following items is generally prohibited by local law:

bank notes, revenue stamps, bonds, stock certificates, bank drafts, checks, passports, driver's licenses.

The preceding list is meant as a guide only and is not inclusive. We assume no responsibility for its completeness or accuracy. If you have any questions concerning the legality of copying or printing certain items, consult with your legal advisor.

This machine is equipped with a function that prevents making counterfeit bank bills. Due to this function the original images similar to bank bills may not be copied properly.

Functions Requiring Optional Configurations

Certain functions require special machine configuration and extra options as follows:

Type 1 and 2

Function	Option
Shift Sort	Internal shift tray, Finisher SR3050, Finisher SR790, or Booklet Finisher SR3000
Stack	Internal shift tray, Finisher SR3050, Finisher SR790, or Booklet Finisher SR3000
Staple	Finisher SR3050, Finisher SR790, or Booklet Finisher SR3000
Staple (Center)	Booklet Finisher SR3000
Punch	Booklet Finisher SR3000 and punch unit

Type 3 and 4

Function	Option
Shift Sort	Internal shift tray, Finisher SR790, Finisher SR3030, or Booklet Finisher SR3020
Stack	Internal shift tray, Finisher SR790, Finisher SR3030, or Booklet Finisher SR3020
Staple	Finisher SR790, Finisher SR3030, or Booklet Finisher SR3020
Staple (Center)	Booklet Finisher SR3020
Punch	Finisher SR3030 and punch unit, or Booklet Finisher SR3020 and punch unit

↓ Note

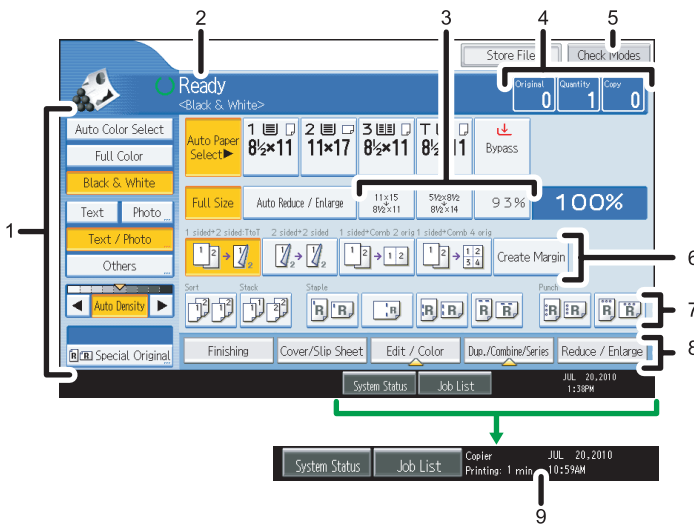
- A finisher can be attached only if the bridge unit and either a paper tray unit or LCT is installed. The Finisher SR3050 however requires the bridge unit only.
- Depending on the model you are using, some options may be provided as standard. For more information, see "Options", About This Machine.

Display Panel

The function items displayed serve as selector keys. You can select or specify an item by lightly pressing them.

When you select or specify an item on the display panel, it is highlighted like **Auto Reduce / Enlarge**. Keys appearing as **Auto Reduce / Enlarge** cannot be used.

Initial copy display



1. Use this area to specify the original type, color mode, image density level, and other settings.
2. Displays operational status and messages.
3. You can register up to three frequently used reduce/enlarge ratios other than the preset ratios under Reproduction Ratio in User Tools. For details, see "Reproduction Ratio".
4. Displays the numbers of originals scanned, copies set, and copies made.
5. Press the key to confirm the current settings.
6. Displays the Shortcut keys. You can register frequently used functions under General Features in User Tools. For details, see "General Features".
7. Displays the Sort, Stack, Staple, and Punch functions.
8. Displays available functions. Press a function to display its menu. When you select a function, a clip mark is displayed under the key.
9. Displays the estimated time of completion for the scanning and printing of a copy job. This time does not change, even if the job is interrupted.

↓ Note

- The illustration is an example of the panel display when the booklet finisher, tray 3, and the LCT are installed.

Reference

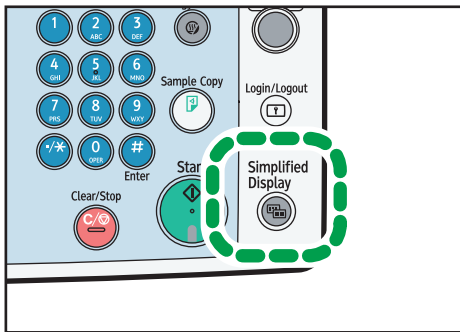
- p.219 "General Features"
- p.223 "Reproduction Ratio"

Simplified Display

This section explains how to switch to the simplified display.

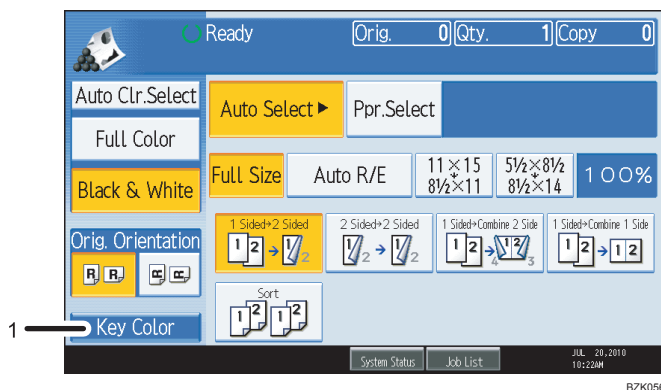
When you press the [Simplified Display] key, the screen changes from the initial display to the simplified display.

Letters and keys are displayed at a larger size, making operations easier.



CAS097

Example of a simplified display



1. [Key Color]

Press to increase screen contrast by changing the color of the keys.

This is available only for the simplified display.

Note

- To return to the initial display, press the [Simplified Display] key again.
- Certain keys do not appear on the simplified display.

1. Placing Originals

This chapter describes the types of originals you can set and how to place originals.

Originals

This section describes the types of originals that can be placed, paper sizes that are automatically detected, and missing image area.

Note

- As the color of markers or highlighters is difficult to reproduce, the copy might not come out depending on the color or a different color might be copied.

Sizes and Weights of Recommended Originals

The following describes recommended paper sizes and non-recommended originals:

Type 1 and 2

Original location	Original size	Original weight
Exposure glass	Up to 11 × 17	-
ARDF	One-sided originals: 11 × 17□ - 5 ¹ / ₂ × 8 ¹ / ₂ □□	40 - 128 g/m ² (11 lb. Bond - 34 lb. Bond)
	Two-sided originals: 11 × 17□ - 5 ¹ / ₂ × 8 ¹ / ₂ □□	52 - 105 g/m ² (14 lb. Bond - 28 lb. Bond) 11 × 17: 64 - 105 g/m ² (17 lb. Bond - 28 lb. Bond)

Type 3 and 4

Original location	Original size	Original weight
Exposure glass	Up to 11 × 17	-

Original location	Original size	Original weight
ADF	One-sided originals: 11 × 17□ - 5 ¹ / ₂ × 8 ¹ / ₂ □□	40 - 128 g/m ² (11 lb. Bond - 34 lb. Bond)
	Two-sided originals: 11 × 17□ - 5 ¹ / ₂ × 8 ¹ / ₂ □□	52 - 128 g/m ² (14 lb. Bond - 34 lb. Bond)

Note

- With Type 1 and 2, about 50 originals can be loaded in the ARDF.
- With Type 3 and 4, about 100 originals can be loaded in the ADF.

Non-compatible originals for the Auto Document Feeder

Placing unsuitable originals in the ADF can cause paper misfeeds or black lines, or result in damage to the originals.

Place the following types of originals on the exposure glass instead.

- Originals other than those specified on “Sizes and Weights of Recommended Originals”
- Stapled or clipped originals
- Perforated or torn originals
- Curled, folded, or creased originals
- Pasted originals
- Originals with adhesive tape, glue or paste stuck to them
- Originals with any kind of coating, such as thermal fax paper, art paper, aluminum foil, carbon paper, or conductive paper
- Originals with perforated lines
- Originals with indexes, tags, or other projecting parts
- Sticky originals such as translucent paper
- Thin or highly flexible originals
- Thick originals such as postcards
- Bound originals such as books
- Transparent originals such as OHP transparencies or translucent paper
- Originals that are still wet with ink or correction fluid

Note

- The original might become dirty if it is written with a pencil or a similar tool.

Sizes Detectable with Auto Paper Select

This section describes sizes detectable by the exposure glass and ADF.

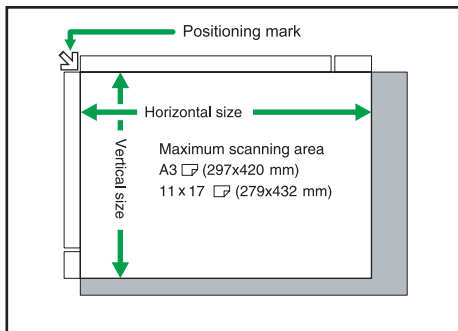
Size	11×17	$8\frac{1}{2} \times 14$	$8\frac{1}{2} \times 11$	$8\frac{1}{2} \times 11$	$5\frac{1}{2} \times 8\frac{1}{2}$	$5\frac{1}{2} \times 8\frac{1}{2}$
Original location						
Exposure glass	○	○	○*3	○*3	○	x*6
ADF	○*1	○*2	○*4	○*5	○	○

Size	10×14	$7\frac{1}{4} \times 10\frac{1}{2}$	A3	A4
Original location				
Exposure glass	x	x	x	x*3
ADF	○	○	○	○

○: Detectable size x: Undetectable size

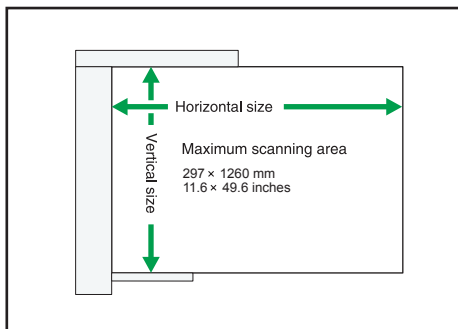
- *1 Default is 11×17 . If you want to switch the detectable size from 11×17 to 11×15 , contact your service representative.
- *2 Default is $8\frac{1}{2} \times 14$. If you want to switch the detectable size from $8\frac{1}{2} \times 14$ to $8\frac{1}{2} \times 13$, contact your service representative.
- *3 Default is $8\frac{1}{2} \times 11$. If you want to switch the detectable size from $8\frac{1}{2} \times 11$ to A4, contact your service representative.
- *4 Default is $8\frac{1}{2} \times 11$. If you want to switch the detectable size from $8\frac{1}{2} \times 11$ to $7\frac{1}{4} \times 10\frac{1}{2}$, contact your service representative.
- *5 Default is $8\frac{1}{2} \times 11$. If you want to switch the detectable size from $8\frac{1}{2} \times 11$ to 8×10 , contact your service representative.
- *6 If you want to make $5\frac{1}{2} \times 8\frac{1}{2}$ size detectable, contact your service representative.

Exposure glass



BZH045

ADF



BZK026

Note

- When you copy custom size originals, make sure you specify the size of the originals. If not, the image may not be copied properly. For details about custom size originals, see "Custom sizes".

Reference

- p.36 "Custom sizes"

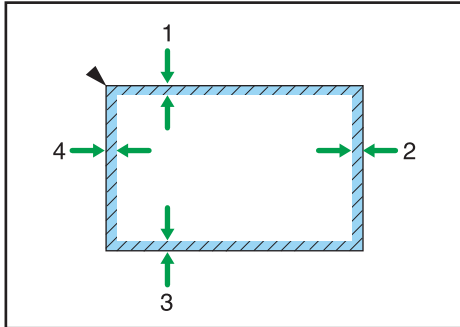
Sizes difficult to detect

It is difficult for the machine to detect the sizes of the following originals, so select the paper size manually:

- Originals with indexes, tags, or other projecting parts
- Transparent originals such as OHP transparencies or translucent paper
- Dark originals with a lot of text and drawings
- Originals which partially contain a solid image
- Originals which have solid images at their edges

Missing Image Area

Even if you place originals in the ADF or on the exposure glass correctly, margin of a few millimeters on all four sides of the original might not be copied.



BZH047

1. 0.5 - 4.0 mm (0.02 - 0.15 inch)
2. 0.5 - 6.0 mm (0.02 - 0.24 inch) (3.0 - 6.0 mm (0.12 - 0.24 inch) in Duplex mode)
3. 0.5 - 4.0 mm (0.02 - 0.15 inch)
4. 4.2 ± 1.5 mm (0.17 ± 0.06 inch)

Placing Originals

This section describes the procedure for placing originals on the exposure glass and in the ADF.

Take care to place originals after any correction fluid and ink has completely dried. Not taking this precaution could cause marks on the exposure glass that will be copied onto paper.

↓ Note

- For original sizes you can place on the exposure glass and in the ADF, see "Originals".

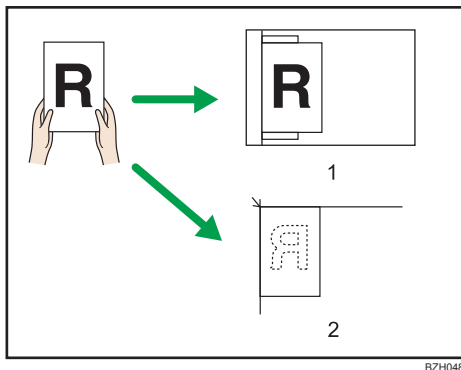
📖 Reference

- p.21 "Originals"

Original Orientation

You can specify the original orientation if necessary.

When using the exposure glass, place the original face down. When using the ADF, place it face up.



1. ADF

2. Exposure glass

When you cannot place the original as the above, you may not make copies as you want with particular functions. If this happens, change the orientation by selecting the unreadable orientation.

- Readable orientation

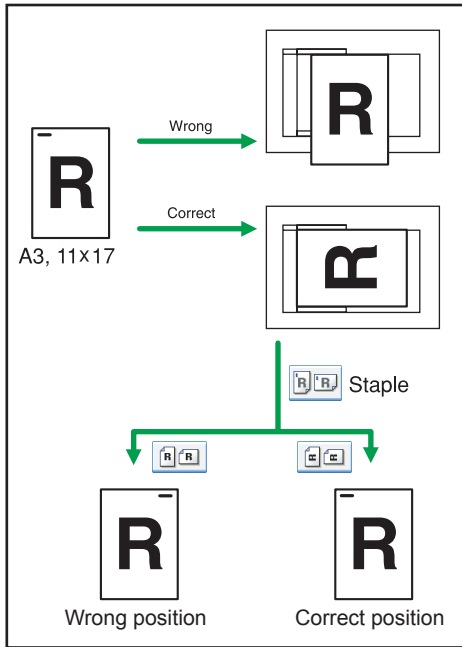
Select this mode when the original orientation is the same as the copy paper orientation.

- Unreadable orientation

Select this mode when you want to copy A3[□], B4 JIS[□], or 11 × 17[□] size originals. The machine rotates the copy image by 90 degrees and you can make copies as you want.

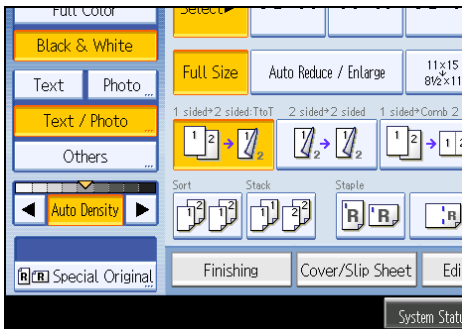
This is useful for copying large originals with the Staple, Duplex, Combine or Stamp functions.

For example, to copy A3[□] or 11 × 17[□] originals with the Staple function selected:

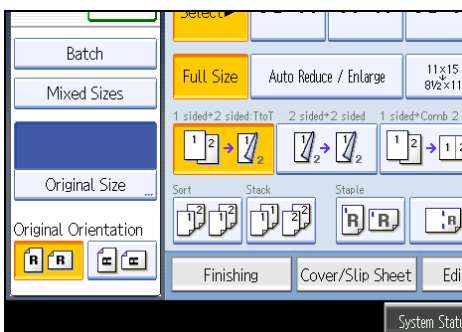


BZK068

1. Press [Special Original].



2. Select the original orientation, and then press [OK].



Note

- It is recommended that you use this function together with the Auto Paper Select or Auto Reduce / Enlarge function.

1

Left Original Beeper

The beeper sounds and an error message is displayed when you leave your originals on the exposure glass after copying.

You can change the beeper setting under Alert Sound: Original left on Exposure Glass in User Tools. For details, see "General Features".

Reference

- p.219 "General Features"

Placing Originals on the Exposure Glass

Place originals on the exposure glass.

Important

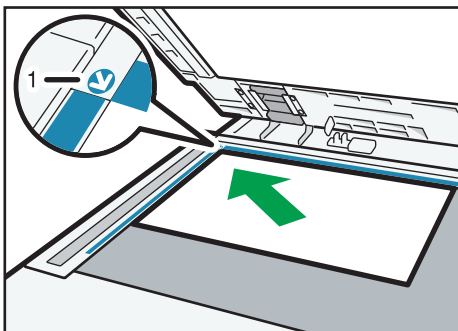
- **Do not lift the ADF forcefully. Otherwise, the cover of the ADF might open or be damaged.**

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 copied.

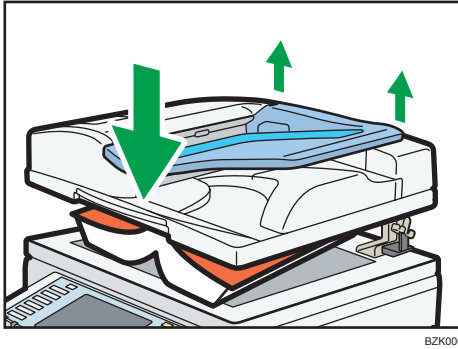


1. Positioning mark

3. Lower the ADF.

Note

- When you place a thick book or three-dimensional original on the exposure glass and lower the ADF, the back side of the ADF rises up to accommodate the original. Keep your hands away from the hinges at the back of the ADF when you close it.



- For details about how to specify the original size, see "Specifying Original Sizes".
- When the Sort, Combine, or 1 Sided → 2 Sided function has been set, press the [#] key after all originals have been scanned.

Reference

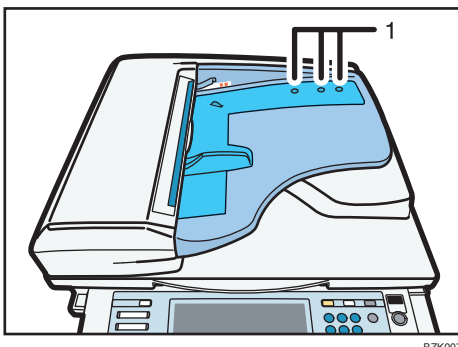
- p.35 "Specifying Original Sizes"

Placing Originals in the Auto Document Feeder

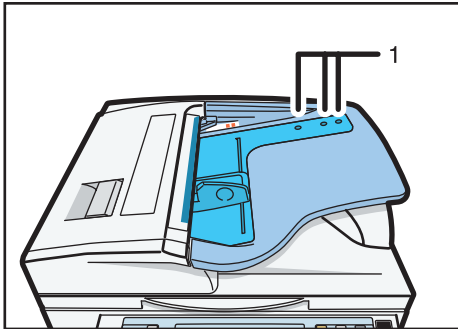
Place originals in the ADF.

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.

ARDF (Type 1 and 2)



ARDF (Type 3 and 4)



BZK008

One-pass duplex scanning ADF (Type 3 and 4)



BZK079

1. Sensors

Settings should be made in the following situations:

When the number of originals placed in the ADF exceeds the limit:

See "Batch Mode".

When placing originals one by one:

See "SADF Mode".

When copying originals of various sizes:

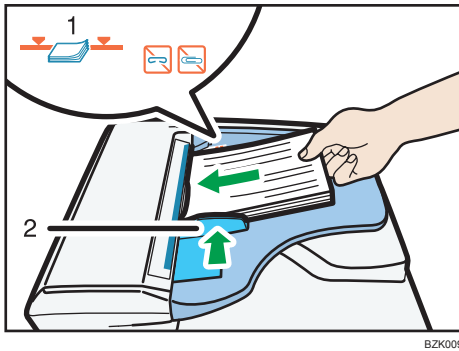
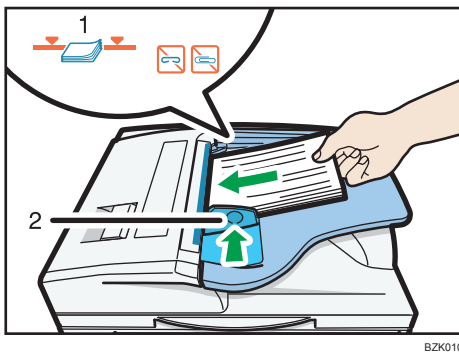
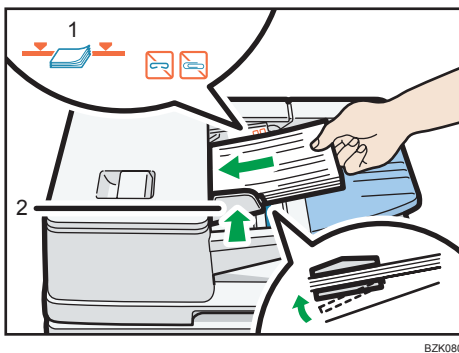
See "Mixed Sizes Mode".

1. Adjust the document guide to the original size.

2. Set the aligned originals face up into the ADF.

Do not stack originals beyond the limit mark.

The first page should be on the top.

ARDF (Type 1 and 2)**ARDF (Type 3 and 4)****One-pass duplex scanning ADF (Type 3 and 4)**

1. Limit mark
2. Document guide

↓ Note

- For details about how to specify the original size, see “Specifying Original Sizes”.
- Straighten curls in the originals before placing them in the ADF.
- To prevent multiple sheets from being fed at once, fan the original before placing it in the ADF.

- Set the original squarely.
- When originals are loaded in the one-pass duplex scanning ADF, the bottom plate rises automatically.

Reference

- p.32 "Batch Mode"
- p.33 "SADF Mode"
- p.34 "Mixed Sizes Mode"
- p.35 "Specifying Original Sizes"

Batch Mode

Using Batch mode, you can copy an original that is too large to place in the ADF by placing it in the ADF in sections (batches). The original will be scanned and stored as a single document.

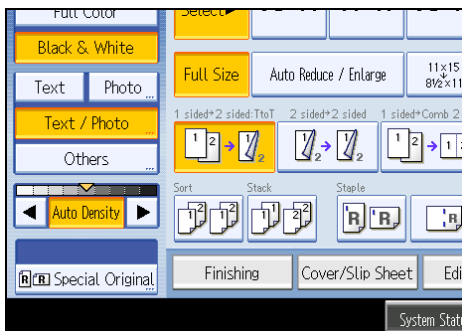
Important

- **Place special originals, such as translucent paper, one by one.**

The maximum numbers of sheets you can load in the ADF are as follows:

- Type 1 and 2: 50 sheets
- Type 3 and 4: 100 sheets

1. Press [Special Original].



2. Select [Batch], and then press [OK].
3. Place the first part of the original, and then press the [Start] key.
4. After the first part of the original has been fed, place the next part, then press the [Start] key.

Note

- When [SADF] is displayed instead of [Batch], specify the Batch mode under Switch to Batch in User Tools. For details about Switch to Batch, see "Input / Output".
- To copy subsequent originals in this mode, repeat step 4.

- When the Sort, Combine or 1 Sided → 2 Sided function has been set, press the [#] key after all originals have been scanned.
- You cannot switch between 1-sided and 2-sided originals during copying.

Reference

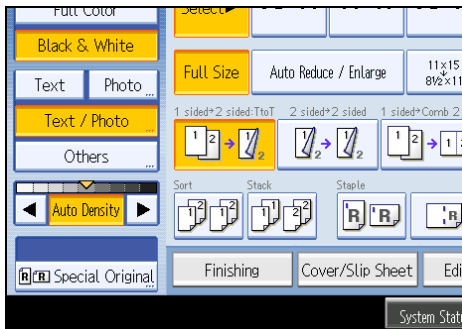
- p.235 "Input / Output"

1

SADF Mode

In SADF mode, even when an original is placed page by page in the ADF, each page is automatically fed when placed.

1. Press [Special Original].



2. Select [SADF], and then press [OK].

3. Place one page of an original, and then press the [Start] key.

4. When the machine instructs you to place another original, place the next page.

The second and subsequent pages will be fed automatically without pressing the [Start] key.

Note

- When [Batch] is displayed instead of [SADF], specify the SADF mode under Switch to Batch in User Tools. For details about Switch to Batch, see "Input / Output".
- When the Sort, Combine or 1 Sided → 2 Sided function has been set, press the [#] key after all originals have been scanned.
- In SADF mode, an original must be set within a specified time after the previous original has been fed. You can adjust this time under SADF Auto Reset in User Tools. For details, see "Input / Output".
- You cannot switch between 1-sided and 2-sided originals during copying.

Reference

- p.235 "Input / Output"

Mixed Sizes Mode

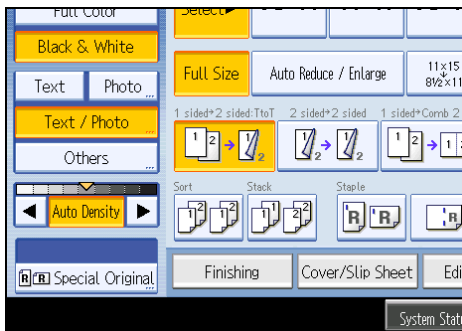
If you apply this mode, you can place originals of different sizes together in the ADF. The machine will automatically detect the size of each original and copy it accordingly.

★ Important

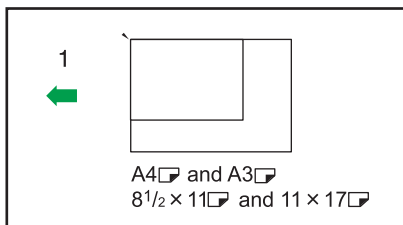
- When placing originals of different sizes in the ADF and making copies without using the Mixed Sizes mode, paper might become jammed or parts of the original image might not be copied.

The sizes of the originals that can be placed in this mode are as follows: 11 × 17□, 8 1/2 × 14□, 8 1/2 × 11□, 10 × 14□, 7 1/4 × 10 1/2□, A3□, A4□

1. Press [Special Original].



2. Select [Mixed Sizes], and then press [OK].
3. Align the rear and left edges of the originals as shown in the illustration.



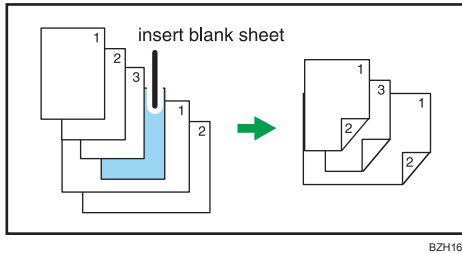
B2K028

1. Orientation in which original is fed
4. Adjust the document guide to the widest original size.
5. Place originals in the ADF.
6. Press the [Start] key.

↓ Note

- Since small originals may not be correctly aligned with the original guide, the copy image may be slanted.
- You can place originals of two different sizes at a time.

- Copying speed and scanning speed will be reduced.
- The weight range for originals in the Mixed Sizes mode is as follows:
 - Type 1 and 2: 52 - 105 g/m² (14 - 28 lb. Bond)
 - Type 3 and 4: 52 - 81 g/m² (14 - 20 lb. Bond)
- When using this function with 1 Sided → 2 Sided mode, always ensure that the originals of each size are in even numbers. If you have an odd number of originals, insert blank sheets to adjust the total.



BZH164

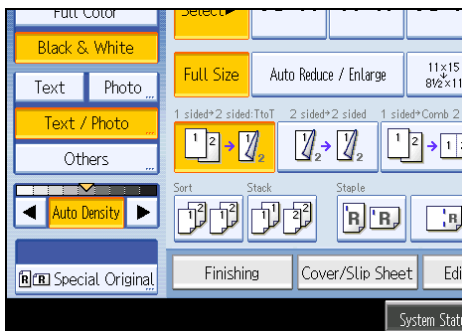
Specifying Original Sizes

Specify the size of the originals.

Regular sizes

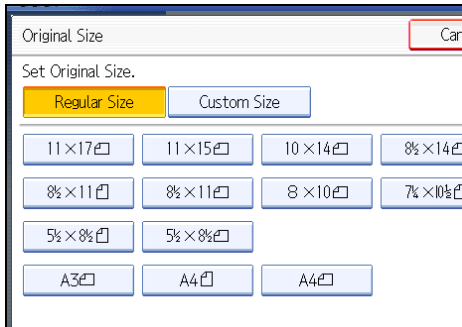
Select the size of the originals from the regular sizes.

1. Press [Special Original].



2. Press [Original Size].

3. Press [Regular Size].



4. Select the size of original, and then press [OK] twice.

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

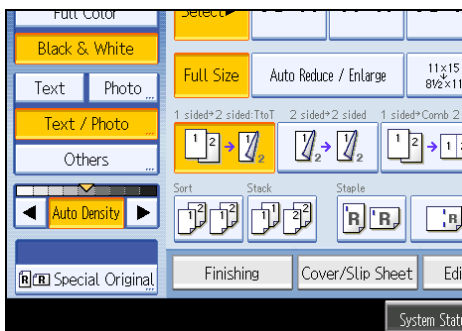
Custom sizes

When copying custom size originals, specify the size of the originals.

★ Important

- The size range of originals that can be scanned by this machine is as follows:
 - Horizontal length: 128 - 1260 mm (5.1 - 49.6 inches), vertical length: 128 - 297 mm (5.1 - 11.6 inches)
- However, the size range of copy paper is limited to 148 - 457.2 mm (5.83 - 18.00 inches) horizontally and 90 - 305 mm (3.55 - 12.00 inches) vertically.

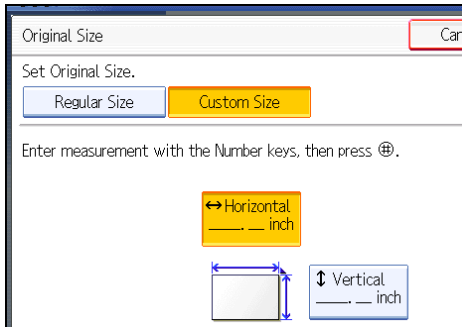
1. Press [Special Original].



2. Press [Original Size].

3. Press [Custom Size].

4. Enter the horizontal size with the number keys, and then press [#].



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

Note

- To change the value you entered, press the item you want to change, and then enter a new value.

2. Basic Copying

This chapter describes the basic procedure for making copies.

Basic Procedure

This section describes the basic procedure for making copies.

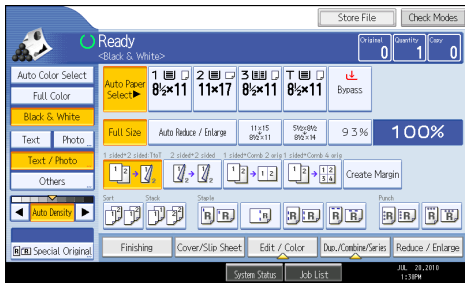
★ Important

- When User Code Authentication is set, enter your user code (up to eight digits) with the number keys so that the machine accepts copy jobs. For details about Administrator Tools, see "System Settings", Network and System Settings Reference.
- When Basic Authentication, Windows Authentication, LDAP Authentication, or Integration Server Authentication is set, enter your login user name and password so that the machine accepts copy jobs. Ask the administrator for the login user name and password. For details, see "When the Authentication Screen is Displayed", About This Machine.
- To copy onto paper other than plain paper, specify the paper type in User Tools. For details, see "System Settings", Network and System Settings Reference.

1. Make sure "Ready" appears on the screen.

If any other function is displayed, press the [Copy] key on the left side of the control panel.

Initial copy screen



2. Make sure no previous settings remain.

When there are previous settings remaining, press the [Clear Modes] 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 set is 999.

6. Press the [Start] key.

The machine starts copying.

When placing originals on the exposure glass, press the [#] key after all originals are scanned.

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

Note

- After logging in the machine, be sure to log out of it to prevent unauthorized usage.
- To stop the machine during a multi-copy run, press the [Clear/Stop] key.
- To cancel all copy functions and return the machine to the default condition, press the [Clear Modes] key.
- To clear entered values, press the [Clear/Stop] key or [Cancel] on the screen.
- To confirm settings, press [Check Modes].
- You can change the maximum copy quantity under Max. Copy Quantity in User Tools. For details about Max. Copy Quantity, see "General Features".

Reference

- p.219 "General Features"

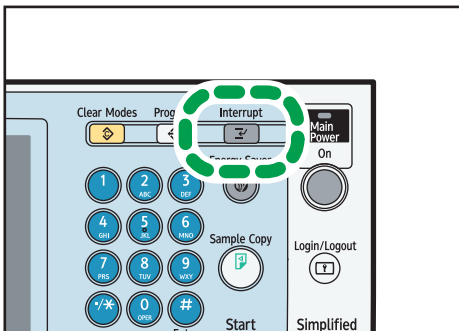
Interrupt Copy

Use this function if you want to interrupt a long copy job to make urgently needed copies.

Important

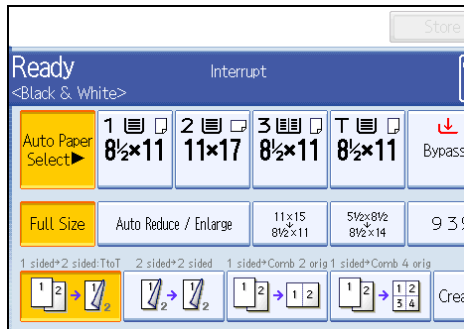
- You cannot use the Interrupt Copy function when fax originals are being scanned or the scanner function is being used.
- You cannot use the Staple function with this function if another copy job is already using the Staple function.

1. Press the [Interrupt] key.



BZK046

The interrupt key indicator lights. The machine stops scanning.



2. Remove the originals that were being copied.
3. Place the originals you want to copy.
4. Press the [Start] key.
The machine starts making copies.
5. When copying is complete, remove the originals and copies.
6. Press the [Interrupt] key again.
The interrupt key indicator goes off.
7. Replace the originals that you were copying, and then press the [Start] key.
Following the instructions on the display.

↓ Note

- The previous copy job settings are restored. Simply press the [Start] key to continue copying from where it left off.

Auto Start

If you make settings and scan originals while the machine is busy, your copies will be made once the machine is ready.

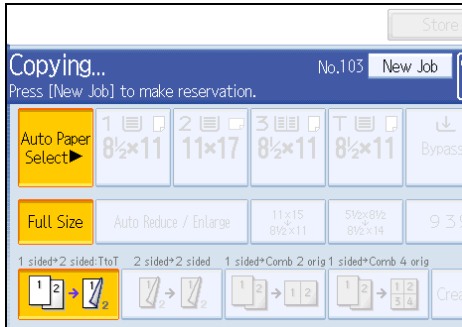
1. Make your settings while "Select copy mode and press the Start key." and "Scanning originals can be started." are displayed alternately.
2. Place the original.
3. Press the [Start] key.
The machine scans the original.
Copying starts automatically once the machine is ready.

Job Preset

You can make settings for the next copy job during copying.

If a long copy job is in progress and you do not want to wait for it to finish, you can use this function to set up the next copy job in advance. When the current copy job is finished, the next job will start automatically.

1. Press [New Job] when "Copying..." appears.



2. Be sure message "Ready" appears, and then make settings for the next copy job.

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

All originals are scanned.

When the preset job is complete, a job preset confirmation dialog box appears.

4. Press [Exit].

The initial copy display appears.

After the current copy job, the next copy job starts automatically.

Note

- You can switch the display to the current copy job by pressing [To Copying Screen]. You can switch the display to the preset job by pressing [To Reserv. Screen].
- Preset copy jobs are registered under job numbers in the Reserv. Screen.
- You can confirm and delete preset jobs. For details about the procedures, see "Managing Jobs".

Reference

- p.96 "Managing Jobs"

Copying from the Bypass Tray

The bypass tray allows you to copy non-standard paper.

Use the bypass tray to copy onto OHP transparencies, adhesive labels, translucent paper, and paper that cannot be loaded in the paper trays.

★ Important

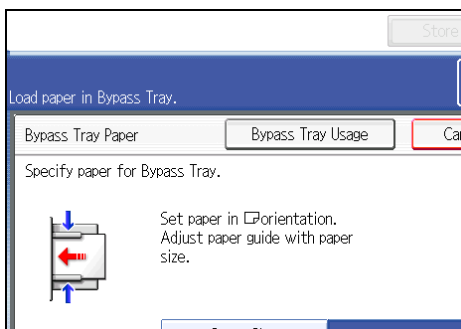
- Paper that has a vertical length of 90.0 - 305.0 mm (3.55 - 12.00 inches) and a horizontal length of 148.0 - 457.2 mm (5.83 - 18.00 inches) can be fed in from the bypass tray. Note however that the limitation on the horizontal and vertical length range will vary depending on which options are installed.
 - When prints are delivered to the trays of the finisher:

Horizontal length: 148.0 - 457.2 mm (5.83 - 18.00 inches), vertical length: 100.0 - 305.0 mm (3.94 - 12.00 inches)
 - When prints are delivered to Internal Tray 2:

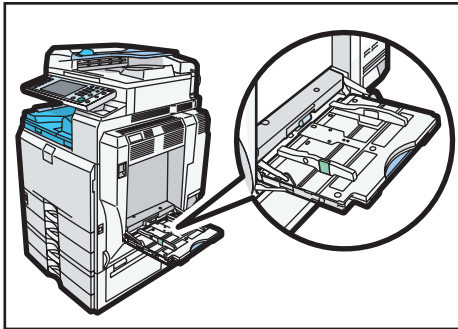
Horizontal length: 148.0 - 432.0 mm (5.83 - 17.00 inches), vertical length: 93.0 - 297.0 mm (3.67 - 11.69 inches)
- Paper that has a horizontal length of 432 mm or more is prone to creasing, feed failures, and jamming.
- The machine can automatically detect the following sizes as regular size copy paper:
 - 11 × 17□, 8¹/₂ × 11□, 5¹/₂ × 8¹/₂□
- If the paper you want to copy onto is not shown on the Paper Type screen or is lighter than 75 g/m² (approx. 20 lb. Bond) or heavier than 81 g/m² (approx. 20 lb. Bond), you must specify the paper type under Tray Paper Settings in User Tools. For details about Tray Paper Settings, see "System Settings", Network and System Settings Reference.
- Do not use color OHP transparencies that are coated with materials that might melt.
- The maximum number of sheets you can load at the same time depends on paper type. Load only as much paper as can be held between the paper guides on the bypass tray.

[Bypass Tray Usage]

Press [Bypass Tray Usage] to display a description on using the bypass tray.



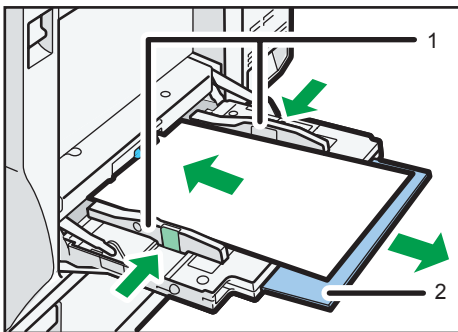
1. Open the bypass tray.



BZK011

2. Insert the paper face down until you hear the beep, and then align the paper guides to the paper size.

If the guides are not flush against the paper, images might be skewed or paper misfeeds might occur.



BZK012

1. Paper guides

2. Extender

3. Press [Bypass], and then press the [#] key.

4. Select the size and type of the paper.

5. Press [OK].

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

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

↓ Note

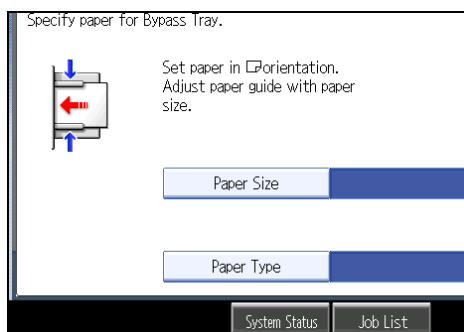
- Certain types of paper might not be detected properly when placed on the bypass tray. If this happens, remove the paper and place it on the bypass tray again.
- Load only as much paper as can be held between the guides on the bypass tray. Overloading the bypass tray can result in misfeeds and skewed images.
- The following paper sizes can be selected as the standard sizes:

- A3, A4, A5, A6, B4 JIS, B5 JIS, B6 JIS, 12 × 18, 11 × 17, 11 × 15, 10 × 14, 8½ × 14, 8½ × 13, 8½ × 11, 8¼ × 14, 8¼ × 13, 8 × 13, 8 × 10, 7¼ × 10½, 5½ × 8½, 4¼ × 9½, 3¾ × 7½, C5 Env, C6 Env, DL Env, 8K, 16K
- To support A4, 8½ × 11 or larger paper sizes, pull out the extender.
- To prevent multiple sheets from being fed at once, fan paper before placing it on the tray.
- When the Panel Key Sound is turned off, it will not sound if you insert paper into the bypass tray. For details about Panel Key Sound, see “System Settings”, Network and System Settings Reference.
- Depending on the environment where the machine is being used, you might at times hear a rustling noise from paper moving through the machine. This noise does not indicate a malfunction.

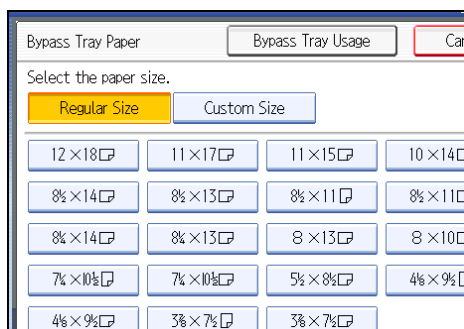
Copying onto Regular Size Paper

Makes copies onto regular size paper from the bypass tray.

1. Open the bypass tray, and then insert the paper face down until you hear the beep.
2. Align the paper guides to the paper size.
3. Press [Bypass], and then press the [#] key.
4. Press [Paper Size].



5. Select the paper size.



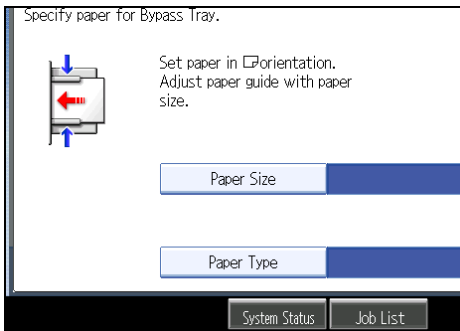
6. Press [OK] twice.
7. Place the originals, and then press the [Start] key.

Copying onto Custom Size Paper

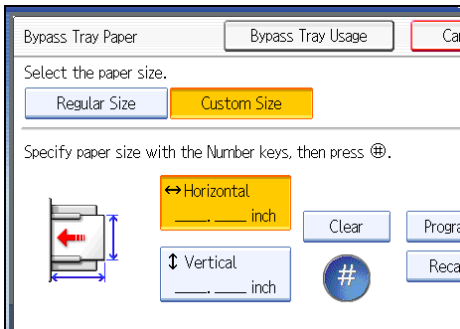
2

Makes copies onto custom size paper from the bypass tray.

1. Open the bypass tray, and then insert the paper face down until you hear the beep.
2. Align the paper guides to the paper size.
3. Press [Bypass], and then press the [#] key.
4. Press [Paper Size].



5. Press [Custom Size].
6. Enter the horizontal size with the number keys, and then press [#].



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

Note

- To change the value you entered, press the item you want to change, and then enter a new value.

- You can register a custom paper size. For details, see “Registering a custom size”. You can also recall the registered custom paper size. For details, see “Recalling the registered custom size”.

Reference

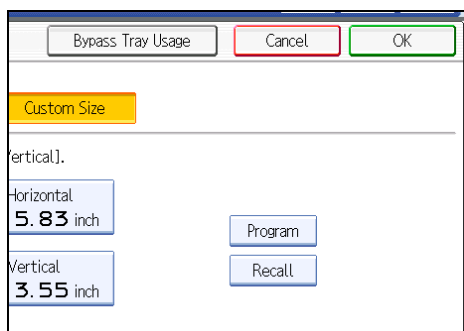
- p.47 "Registering a custom size"
- p.47 "Recalling the registered custom size"

2

Registering a custom size

Register a custom paper size.

1. Press [Bypass], and then press the [#] key.
2. Press [Paper Size].
3. Press [Custom Size].
4. Enter the horizontal size with the number keys, and then press [#].
5. Enter the vertical size with the number keys, and then press [#].
6. Press [Program].



The confirmation screen appears.

7. Press [Exit].
8. Press [OK] twice.

Note

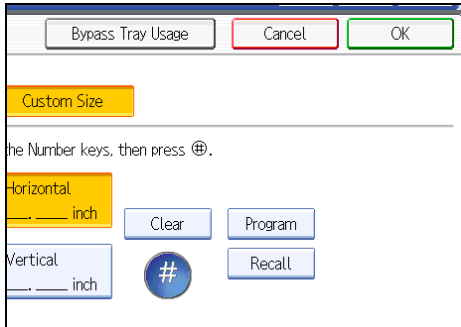
- To change the value you entered, press the item you want to change, and then enter a new value.
- You can specify only one custom size.

Recalling the registered custom size

Recalls the registered paper size.

1. Press [Bypass], and then press the [#] key.

2. Press [Paper Size].
3. Press [Custom Size].
4. Press [Recall].



The registered size is displayed.

5. Press [OK] twice.

Copying onto OHP Transparencies or Thin Paper

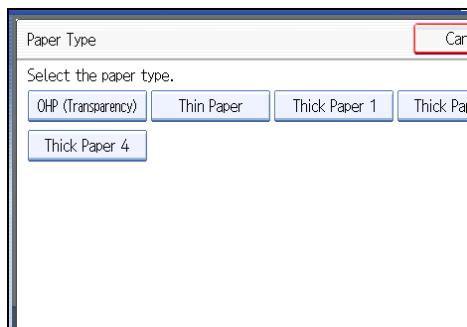
When copying onto OHP transparencies or thin paper, select the type and size of paper.

★ Important

- We recommend that you use specified OHP transparencies.
- Do not use color OHP transparencies that are coated with materials that might melt.
- OHP transparencies must be loaded face down in the tray.
- When copying onto OHP transparencies, remove copied sheets one by one.
- The Duplex function cannot be used with OHP transparencies or thin paper. If [1 Sided → 2 Sided] is selected, cancel the setting.

1. Open the bypass tray, and then insert the paper face down until you hear the beep.
2. Align the paper guides to the paper size.
3. Press [Bypass], and then press the [#] key.
4. Press [Paper Type].

5. Select [OHP (Transparency)] or [Thin Paper], and then press [OK].



6. Specify the paper size, and then press [OK] twice.

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

Note

- Printing on special paper such as OHP transparencies and thin paper may be slower than printing on plain paper.
- To prevent multiple sheets from being fed at once, fan paper before placing it on the tray.
- Load OHP transparencies one by one if they jam when loaded together.

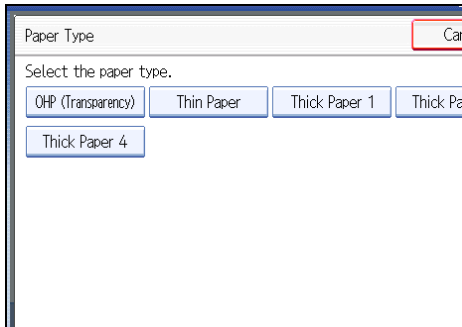
Copying onto Thick Paper

When copying onto thick paper, select the type and size of paper.

★ Important

- The Duplex function cannot be used with paper that is classifiable as Thick Paper 2, 3, or 4. If [1 Sided → 2 Sided] is selected, cancel the setting.
1. Open the bypass tray, and then insert the paper face down until you hear the beep.
 2. Align the paper guides to the paper size.
 3. Press [Bypass], and then press the [#] key.
 4. Press [Paper Type].

5. Select a paper weight from 1 to 4, and then press [OK].



Select [Thick Paper 1] when paper weight is between 106 g/m² (28 lb. Bond) and 169 g/m² (90 lb. Index).

Select [Thick Paper 2] when paper weight is between 170 g/m² (65 lb. Cover) and 220 g/m² (80 lb. Cover).

Select [Thick Paper 3] when paper weight is between 221 g/m² (80 lb. Cover) and 256 g/m² (140 lb. Index).

Select [Thick Paper 4] when paper weight is between 257 g/m² (140 lb. Index) and 300 g/m² (110 lb. Cover).

6. Specify the paper size, and then press [OK] twice.

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

↓ Note

- When copying onto Thick Paper 4, copy paper is output in the internal tray even if you specified a different tray.
- Printing on thick paper may be slower than printing on plain paper.
- To prevent multiple sheets from being fed at once, fan paper before placing it on the tray.

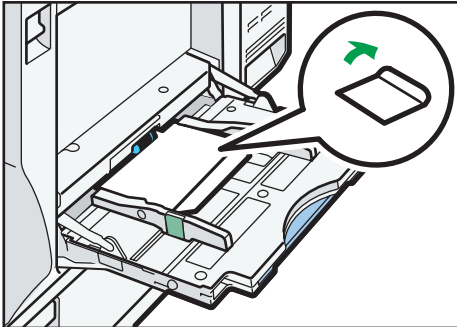
Copying onto Envelopes from the Bypass Tray

When copying onto envelopes, specify the paper type and paper size.

★ Important

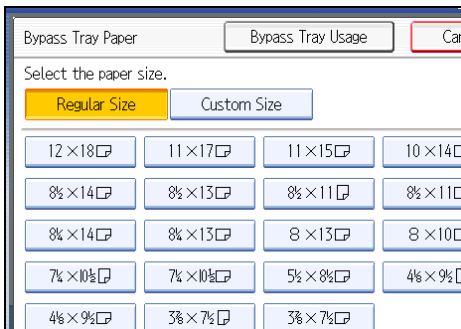
- Before using this function, select [Envelope] under Paper Type: Bypass Tray in User Tools. For details, see "System Settings", Network and System Settings Reference.
- Before loading self-adhesive envelopes, be sure to fan them thoroughly. This will prevent them sticking together. If fanning does not prevent them sticking together, load them one by one. Note that some types of envelope cannot be used with this machine.
- The Duplex function cannot be used with envelopes. If [1 Sided → 2 Sided] is selected, cancel the setting.

1. Open the bypass tray and set the envelopes print side down, flaps open and pointing away from the machine. Push the envelopes into the machine until you hear the beep.



BZK013

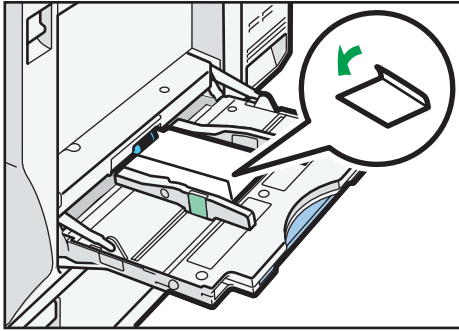
2. Align the paper guides to the envelope size.
3. Press [Bypass], and then press the [#] key.
4. Press [Paper Size].
5. Select the envelope size, and then press [OK] twice.



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

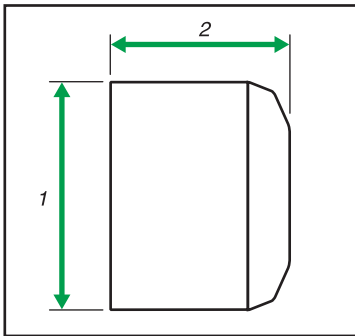
↓ Note

- When placing an original on the exposure glass, place the original with the bottom line aligned to the left scale.
- When placing an original in the ADF, place the original with the bottom line inserted in the ADF.
- Load envelopes with flaps fully open. Otherwise, they might not feed into the machine.
- When loading envelopes in the landscape (☐) orientation, set them so that their flaps are closed, facing upward, and pointing toward the front of the machine.



BZK014

- To copy onto custom size envelopes, you must specify the envelope's dimensions. Be sure to include the fully open flap in the horizontal dimension.



BZK025

1. Vertical size
 2. Horizontal size
- Check the envelopes are not damp.
 - Load only as much envelopes as can be held between the paper guides on the bypass tray. For the number of envelopes that you can set on the bypass tray, see "Recommended Paper Sizes and Types", About This Machine.
 - Check there is no air in the envelopes before loading.
 - To get better print quality, it is recommended that you set the right, left, top, and bottom print margin, to at least 15 mm (0.6 inch) each.
 - You cannot print envelopes with the Duplex function.
 - Load only one size and type of envelope at a time.
 - Before loading envelopes, flatten leading edges (the side going into the machine) by pressing a pencil or ruler across them.
 - Before loading envelopes, check they are rectangular in shape.
 - For details about supported envelope types, see "Envelopes", About This Machine.

Copying onto Envelopes from the Small Size Paper Tray

The small size paper tray allows you to copy onto A4 or smaller sizes of paper, as well as stationery such as envelopes.

This section describes how to copy onto envelopes from the small size paper tray.

2

★ Important

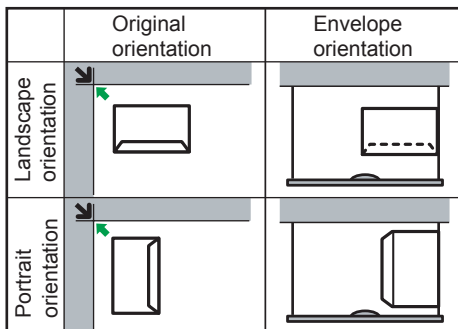
- Specify the paper size and type under Tray Paper Settings in User Tools in advance. For the paper type, select [Envelope]. For details, see “System Settings”, Network and System Settings Reference.
- For the procedure for loading envelopes in the small size paper tray, see “Changing the Paper Size”, About This Machine.
- Before loading self-adhesive envelopes, be sure to fan them thoroughly. This will prevent them sticking together. If fanning does not prevent them sticking together, load them one by one. Note that some types of envelope cannot be used with this machine.
- For details about supported envelope types, see “Envelopes”, About This Machine.
- The Duplex function cannot be used with envelopes. If [1 Sided → 2 Sided] is selected, cancel the setting.

Envelope orientation

This section explains how to set envelopes according to orientation.

When loading envelopes in the landscape (☐) orientation, set them print side up with their flaps closed and pointing toward the front of the machine.

When loading envelopes in the portrait (☐) orientation, set them print side up with their flaps open and pointing away from the paper feed direction.



BZK067

The illustration shows the orientation of copy envelopes loaded in the small size paper tray.

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

Note

- Envelopes can also be loaded in the bypass tray. For the procedure for copying onto envelopes from the bypass tray, see "Copying onto Envelopes from the Bypass Tray".
- When copying onto $4\frac{1}{8} \times 9\frac{1}{2}$ or C5 envelopes, load them on the bypass tray or in a paper tray. For details about which trays can be used for envelopes, see "Recommended Paper Sizes and Types", About This Machine.

Reference

- p.50 "Copying onto Envelopes from the Bypass Tray"

Reducing or Enlarging Originals

This section describes methods of reducing or enlarging images by specifying a reproduction ratio, or a paper size.

In addition to the functions described in this section, advanced reduce / enlarge copy functions are also available. For details about these functions, see "Advanced Reduce / Enlarge Copying".

Reference

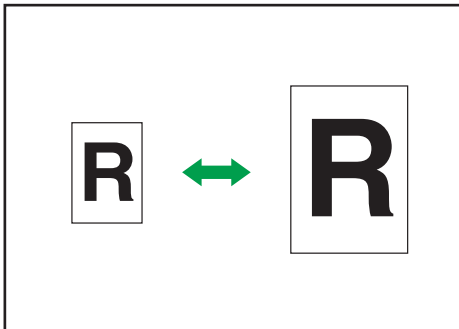
- p.132 "Advanced Reduce / Enlarge Copying"

2

Preset Reduce / Enlarge

This function allows you to reduce or enlarge images by selecting a preset ratio.

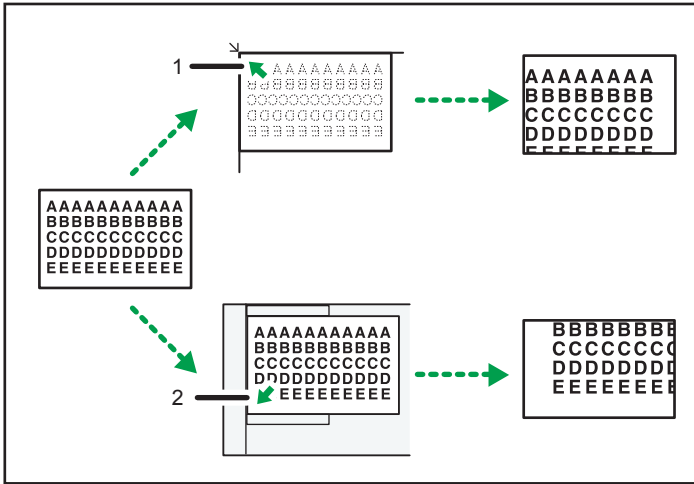
You can register up to three frequently used reproduction ratios other than the preset Reduce / Enlarge ratios.



BZH062

Base Point

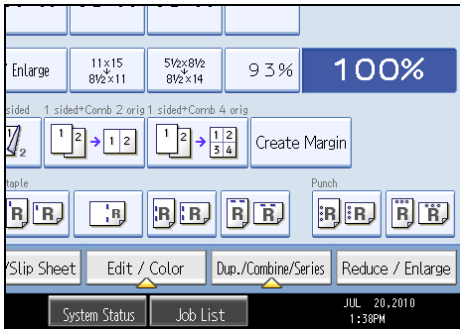
The base point of Reduce / Enlarge differs depending on how the original is scanned. When the original is placed on the exposure glass, the upper left corner will be the base point. When it is placed in the ADF, the bottom left corner will be the base point.



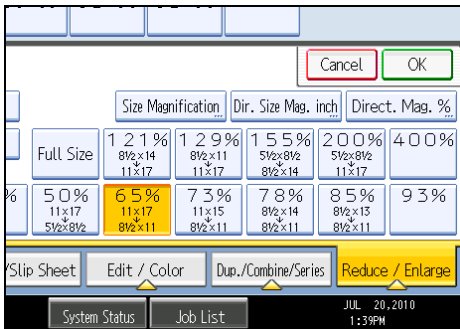
BZK029

1. Base point when placed on the exposure glass
2. Base point when placed in the ADF

1. Press [Reduce / Enlarge].



2. Select a ratio, and then press [OK].



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

↓ Note

- You can change reproduction ratios shown on the initial display under Reproduction Ratio in User Tools. For details about Reproduction Ratio, see "Reproduction Ratio".
- You can also select a preset ratio on the initial display, press the shortcut reduce/enlarge key. In the case, proceed to step 3.
- You can select one of 12 preset ratios (5 enlargement ratios, 7 reduction ratios).
- You can select a ratio regardless of the size of an original or copy paper. With some ratios, parts of the image might not be copied or margins will appear on copies.

📖 Reference

- p.223 "Reproduction Ratio"

Zoom

You can specify the reproduction ratio in increments of 1%.



BZH064

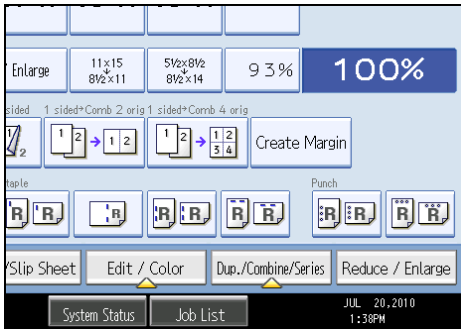
↓ Note

- The reproduction ratios you can specify are 25 - 400%.
- You can select a ratio regardless of the size of an original or copy paper. With some ratios, parts of the image might not be copied or margins will appear on copies.

Specifying the ratio with [−] and [+]

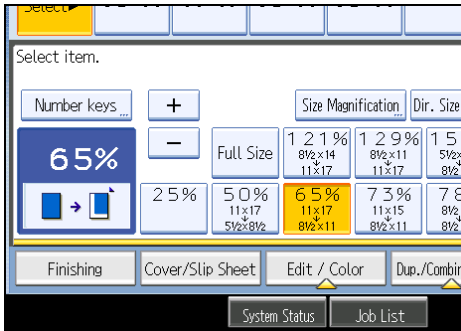
Specify a ratio using [−] and [+].

1. Press [Reduce / Enlarge].



2. Select a preset ratio which is close to the desired ratio.

3. Adjust the ratio with [-] and [+].



Press [-] or [+] changes the ratio in increments of 1%. Pressing and holding down [-] or [+] changes it in increments of 10%.

4. Press [OK].

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

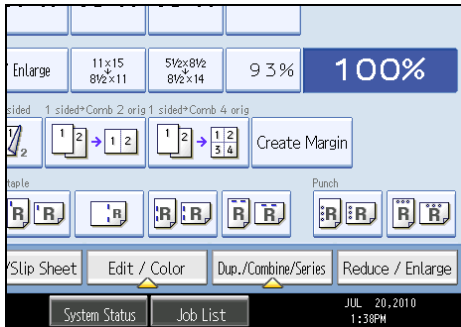
Note

- To change the value you specified, readjust it with [-] and [+].

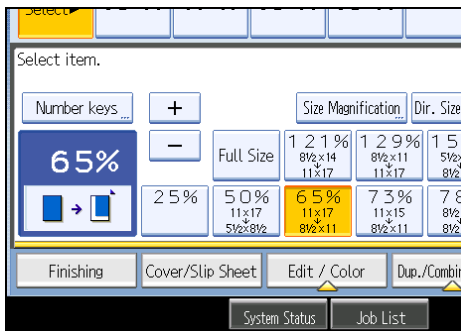
Entering the ratio with the number keys

Enter a ratio using the number keys.

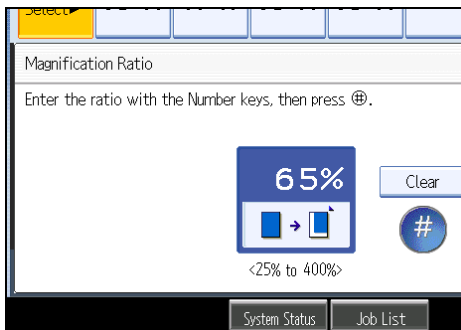
1. Press [Reduce / Enlarge].



2. Press [Number keys].



3. Enter the desired ratio with the number keys, and then press [#].



4. Press [OK] twice.

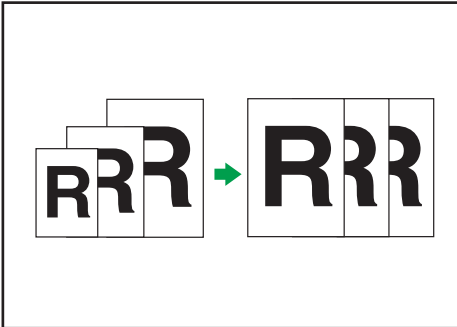
5. Place the originals, and then press the [Start] key.

Note

- To change the value you entered, press [Clear], and then enter a new value.

Auto Reduce / Enlarge

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



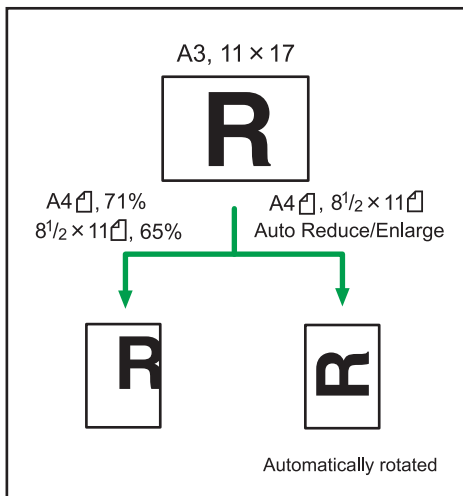
BZH027

★ 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 (11×17) originals to fit onto A4 ($8\frac{1}{2} \times 11$) paper, select a paper tray containing A4 ($8\frac{1}{2} \times 11$) paper, and then press [Auto Reduce / Enlarge]. The image is automatically rotated.



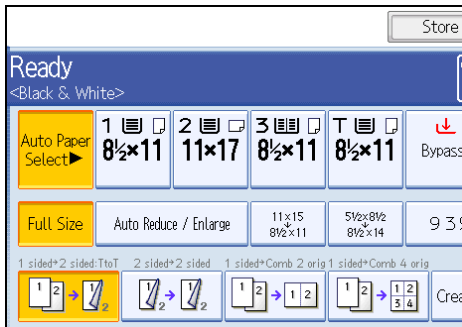
BZH065

For details about Rotate Copy, see "Rotate copy".

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

Original location	Original size and orientation
Exposure glass	11 × 17□, 8 ¹ / ₂ × 14□, 8 ¹ / ₂ × 11□□, 5 ¹ / ₂ × 8 ¹ / ₂ □
ADF	11 × 17□, 8 ¹ / ₂ × 14□, 8 ¹ / ₂ × 11□□, 5 ¹ / ₂ × 8 ¹ / ₂ □□, 10 × 14□, 7 ¹ / ₄ × 10 ¹ / ₂ □, A3□, A4□□

1. Press [Auto Reduce / Enlarge].



2. Select the paper size.

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

↓ Note

- You can place originals of different sizes in the ADF at once.
- The machine selects reproduction ratios of between 25 and 400%.

📖 Reference

- p.130 "Rotate copy"

Duplex Copying

This section describes how to make duplex copies.

Copies two 1-sided pages or one 2-sided page onto a 2-sided page.

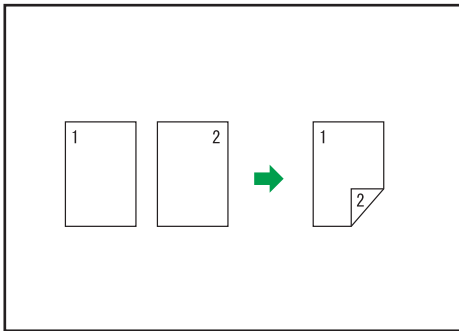
★ Important

- The paper weight that can be used with this function is 60 - 169 g/m² (16 lb. Bond - 90 lb. Index).

2

1 Sided → 2 Sided

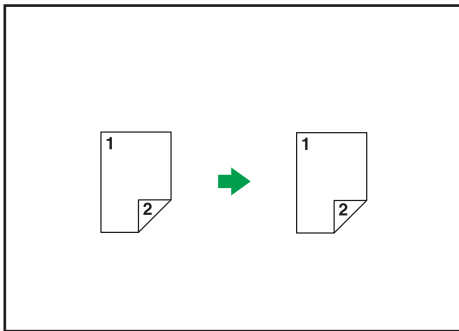
Copies two 1-sided pages on one 2-sided page.



BZH028

2 Sided → 2 Sided

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

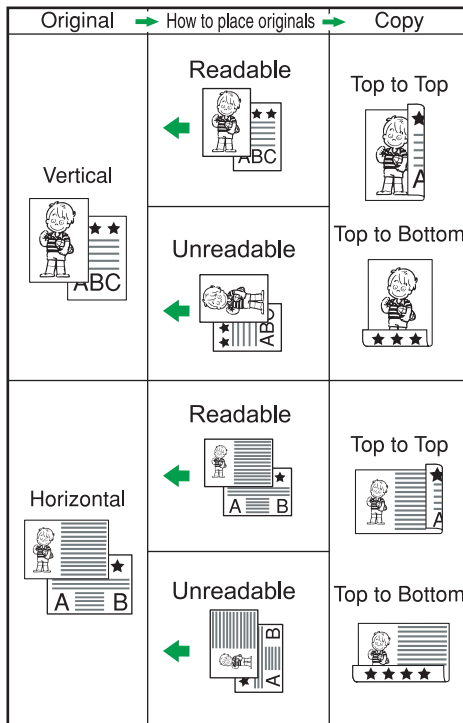


BZH029

Original orientation and completed copies

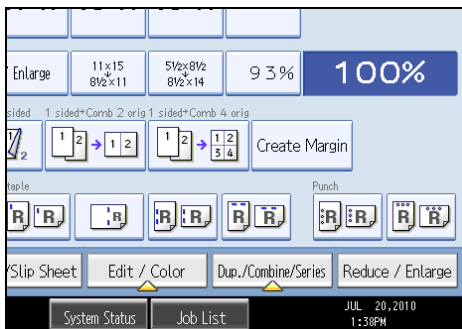
The resulting copy image will differ according to the orientation in which you place your originals (☐ or ☐).

The table shows the orientation of images on the front and back of copies, not the orientation of delivery.



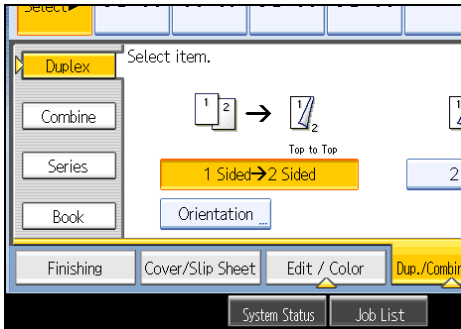
BZH066

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].



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

4. Press [OK].

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

↓ Note

- When placing originals on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- You can also select [1 Sided → 2 Sided] or [2 Sided → 2 Sided] directly by pressing the copy function key. In that case, proceed to step 5.
- You can specify the margins under Edit in User Tools. For details about Edit, see "Edit".
- You can use the following copy paper with this function:
 - A3□, A4□□, A5□□, A6□, B4 JIS□, B5 JIS□□, B6 JIS□, 11 × 17□, 11 × 15□, 10 × 14□, 8¹/₂ × 14□, 8¹/₂ × 13□, 8¹/₂ × 11□□, 8¹/₄ × 14□, 8¹/₄ × 13□, 8 × 13□, 8 × 10□, 7¹/₄ × 10¹/₂□□, 8K□, 16K□
- You cannot use the following copy paper with this function:
 - Translucent paper
 - Label paper (adhesive labels)
 - OHP transparencies
 - Postcards
 - Envelopes
 - Thin paper
 - Thick paper
- When an odd number of originals are placed in the ADF, the back of the last page of copied paper is blank.
- During copying, the image is shifted to allow for the binding margin.

- By default, a binding margin is made on the back side.

Reference

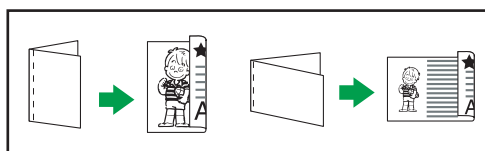
- p.225 "Edit"

Originals and Copy Orientation

2

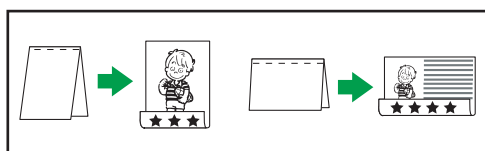
You can select the orientation of originals and copies.

- Top to Top



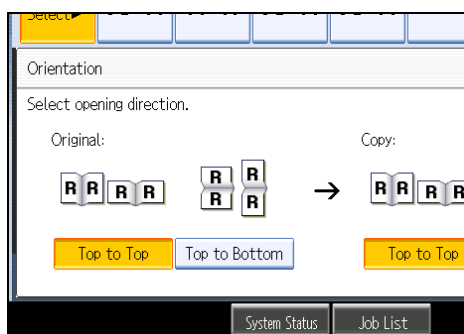
BZH067

- Top to Bottom



BZH068

1. Press [Orientation].
2. Select orientation ([Top to Top]/[Top to Bottom]), and then press [OK].



Note

- The default setting is [Top to Top]. You can change the default orientation under Original Orientation in Duplex Mode and Copy Orientation in Duplex Mode in User Tools. For details, see "General Features".

Reference

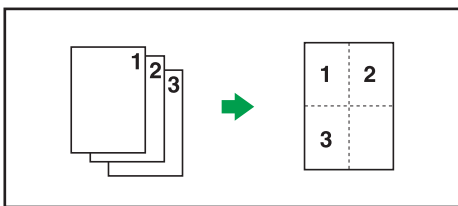
- p.219 "General Features"

Combined Copying

This section describes how to make combined copies.

↓ Note

- When placing originals on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set the first page on top.
- When placing originals on the exposure glass or in the ADF using the Batch function, press the [#] key after all the originals have been scanned.
- If you selected [2 Sided] for Original or [Combine 2 Sides] for Copy, you can change the orientation. See "Originals and Copy Orientation".
- You can change the initial settings for 1-Sided Combine or 2-Sided Combine under Edit in User Tools. For details, see "Edit".
- In this mode, the machine selects the reproduction ratio automatically. This reproduction ratio depends on copy paper sizes and the number of originals.
- The machine selects reproduction ratios of between 25 and 400%.
- If the calculated ratio is under the minimum ratio, it is automatically adjusted to within available range. However, with some ratios, parts of the image might not be copied.
- If the orientation of originals is different from that of the copy paper, the machine will automatically rotate the image by 90 degrees to make copies properly.
- If the number of originals placed is less than the number specified for combining, the last page segment is left blank as shown.



BZH165

📖 Reference

- p.65 "Originals and Copy Orientation"
- p.225 "Edit"

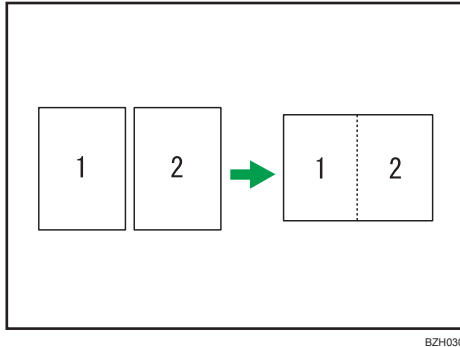
One-Sided Combine

Combine several pages onto one side of a sheet.

There are six types of One-Sided Combine.

1 Sided 2 Pages → Combine 1 Side

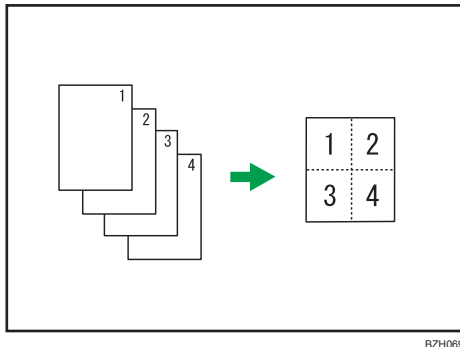
Copies two 1-sided originals to one side of a sheet.



BZH030

1 Sided 4 Pages → Combine 1 Side

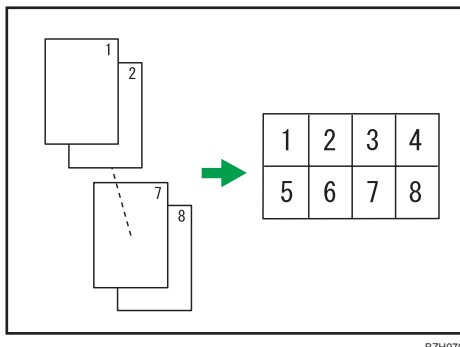
Copies four 1-sided originals to one side of a sheet.



BZH069

1 Sided 8 Pages → Combine 1 Side

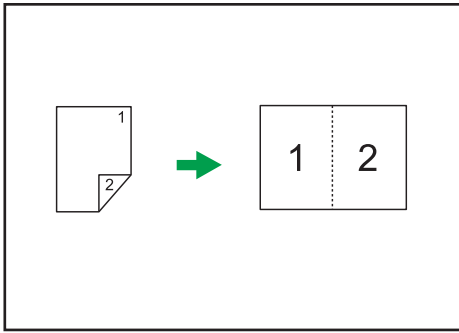
Copies eight 1-sided originals to one side of a sheet.



BZH070

2 Sided 1 Page → Combine 1 Side

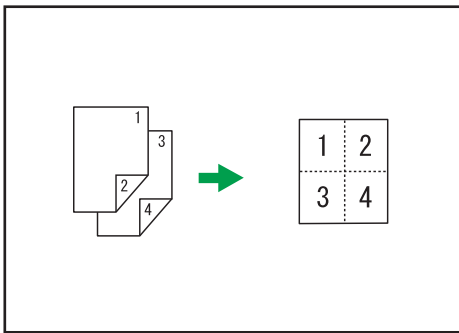
Copies one 2-sided original to one side of a sheet.



BZH031

2 Sided 2 Pages → Combine 1 Side

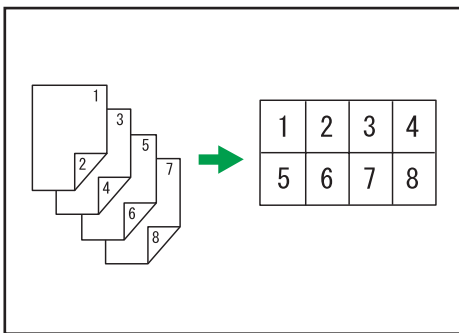
Copies two 2-sided originals to one side of a sheet.



BZH071

2 Sided 4 Pages → Combine 1 Side

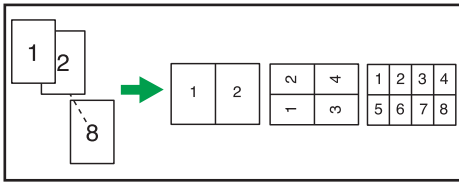
Copies four 2-sided originals to one side of a sheet.



BZH072

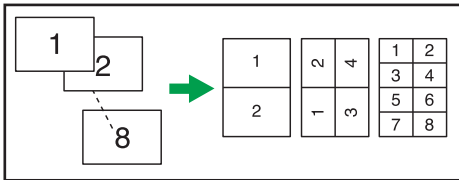
Orientation of the original and image position of combine

Portrait (📄) originals



BZH073

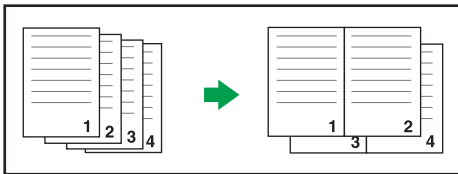
Landscape (☐) originals



BZH074

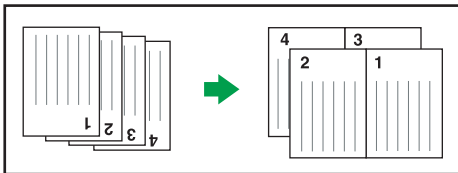
Placing originals (originals placed in the ADF)

- Originals read from left to right



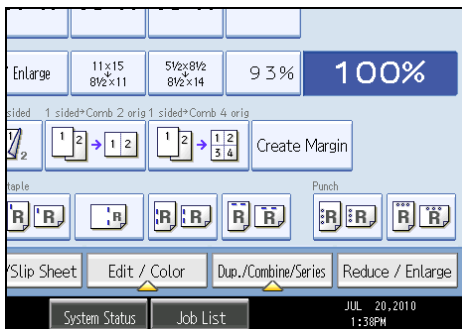
BZH075

- Originals read from top to bottom



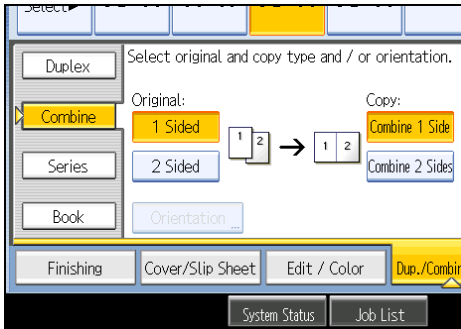
BZH076

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



2. Press [Combine].

3. Select [1 Sided] or [2 Sided] for Original, and then press [Combine 1 Side] for Copy.



4. Select the number of originals to combine.
5. Press [OK].
6. Select the paper size.
7. Place the originals, and then press the [Start] key.

Note

- You can also select [1 sided → Comb 2 orig] or [1 sided → Comb 4 orig] directly by pressing the copy function key. In that case, proceed to step 6.

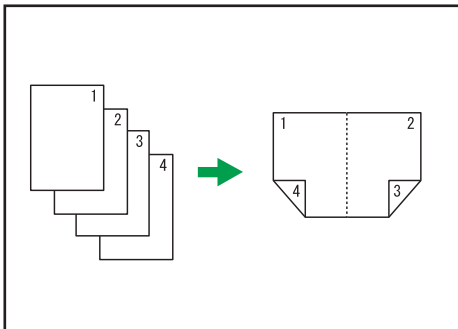
Two-Sided Combine

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

There are six types of Two-Sided Combine.

1 Sided 4 Pages → Combine 2 Sides

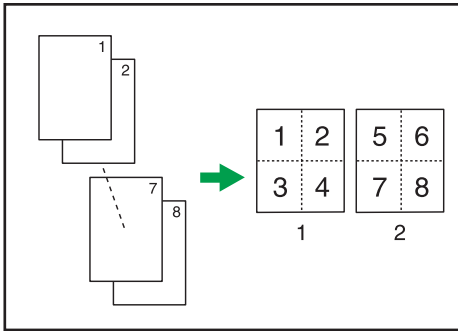
Copies four 1-sided originals to one sheet with two pages per side.



BZH032

1 Sided 8 Pages → Combine 2 Sides

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

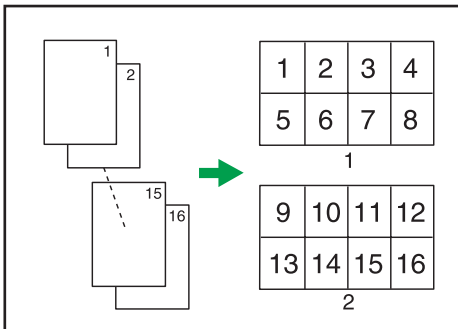


BZH077

1. Front
2. Back

1 Sided 16 Pages → Combine 2 Sides

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

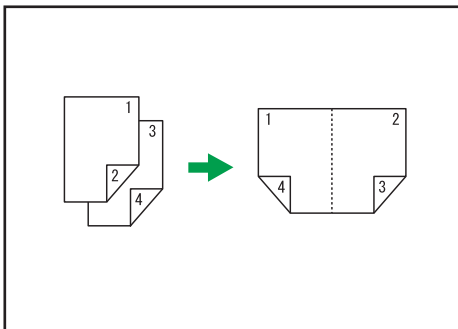


BZH078

1. Front
2. Back

2 Sided 2 Pages → Combine 2 Sides

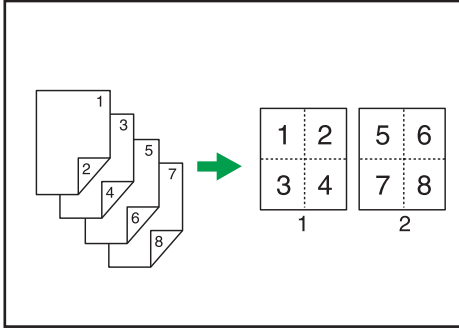
Copies two 2-sided originals to one sheet with two pages per side.



BZH033

2 Sided 4 Pages → Combine 2 Sides

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

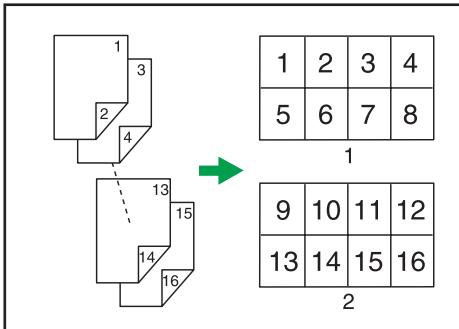


BZH079

1. Front
2. Back

2 Sided 8 Pages → Combine 2 Sides

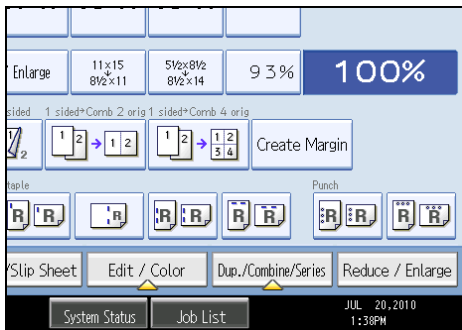
Copies eight 2-sided originals to one sheet with eight pages per side.



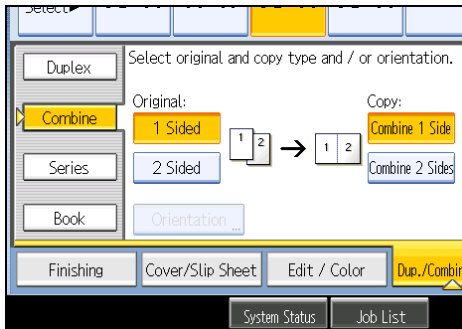
BZH080

1. Front
2. Back

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



2. Press [Combine].
3. Select [1 Sided] or [2 Sided] for Original, and then press [Combine 2 Sides] for Copy.



4. Press [Orientation].
5. Select orientation ([Top to Top]/[Top to Bottom]), and then press [OK].
6. Select the number of originals to combine.
7. Press [OK].
8. Select the paper size.
9. Place the originals, and then press the [Start] key.

↓ Note

- You cannot use custom size paper.

Finishing

You can sort, staple, and punch your copies.

↓ Note

- Depending on your model and which options are installed on it, some of these functions might not be available. For details, see "Functions Requiring Optional Configurations".

📖 Reference

- p.18 "Functions Requiring Optional Configurations"

Sort

The machine assembles copies as sets in sequential order.

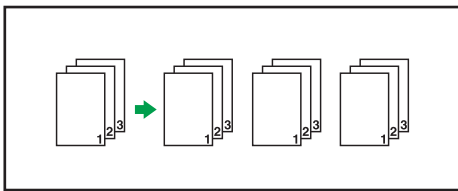
★ Important

- To use the Rotate Sort function, two paper trays loaded with paper of the same size and type, but in different orientation (↻) are required. See "System Settings", Network and System Settings Reference.
- You cannot use the bypass tray with Rotate Sort.

Sort/Shift Sort

Copies are assembled as sets in sequential order.

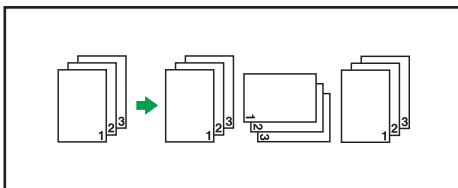
To use Shift Sort, a finisher or the internal shift tray is required. Each time the copies of one set or a job are delivered, the next copy is shifted to separate each set or job.



BZH081

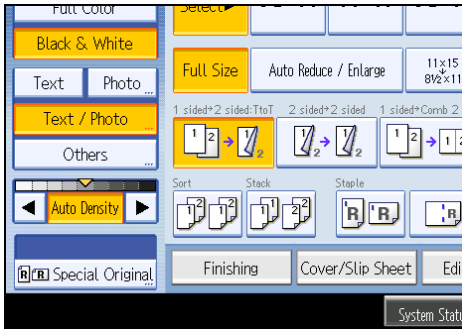
Rotate Sort

Every other copy set is rotated by 90 degrees (↻) and delivered to the copy tray.



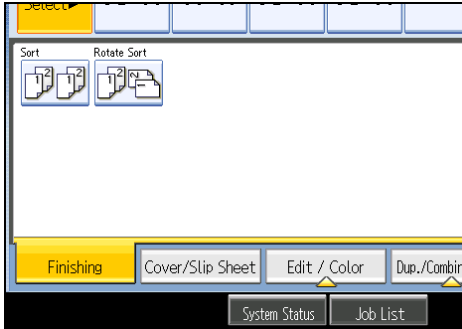
BZK027

1. Press [Finishing].

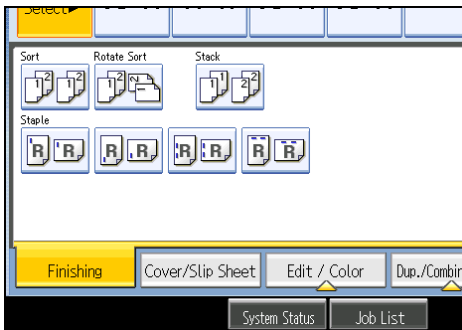


2. Select [Sort] or [Rotate Sort].

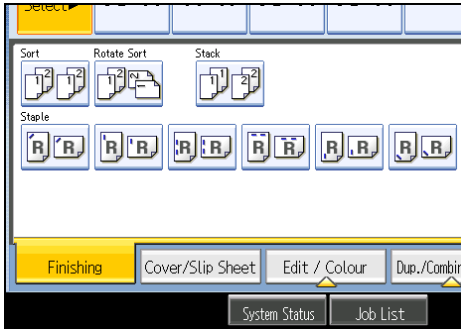
When the finisher is not attached:



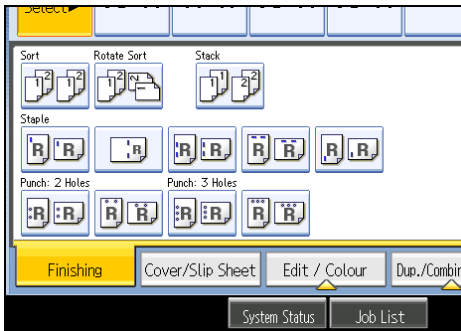
When Finisher SR790 is attached:



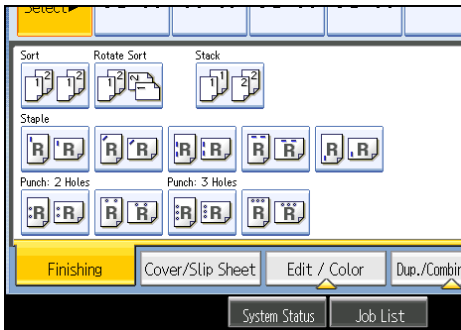
When Finisher SR3050 is attached (Type 1 and 2):



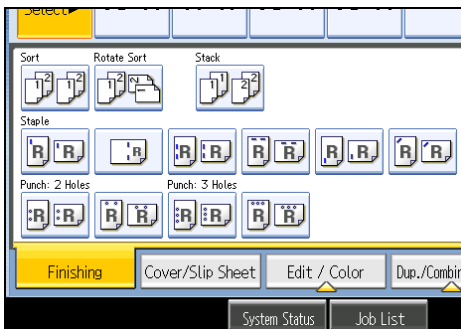
When Booklet Finisher SR3000 is attached (Type 1 and 2):



When Finisher SR3030 is attached (Type 3 and 4):



When Booklet Finisher SR3020 is attached (Type 3 and 4):



3. Enter the number of copy sets using the number keys.**4. Press [OK].****5. Place the originals.**

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

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

- If you are copying from the exposure glass, a single copy of each original is made first. If the first copy set is acceptable, you can make the remaining copy sets by pressing the [#] key. The time required for copy sets to be delivered varies depending on the print settings.
- When placing originals on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- You can change the settings for the Sort function under Input / Output in User Tools. For details, see "Input / Output".
- Paper sizes and orientations that can be shifted when delivered to the shift tray are as follows:
 - Type 1 and 2
 - Internal shift tray
 - Standard size

A3, A4, A5, A6, B4 JIS, B5 JIS, B6 JIS, 12 × 18, 11 × 17, 11 × 15, 10 × 14, 8 1/2 × 14, 8 1/2 × 13, 8 1/2 × 11, 8 1/4 × 14, 8 1/4 × 13, 8 × 13, 8 × 10, 7 1/4 × 10 1/2, 5 1/2 × 8 1/2, 8K, 16K, 4 1/8 × 9 1/2, 3 7/8 × 7 1/2, C5 Env, C6 Env, DL Env
 - Custom size

Horizontal size: 148.0 - 457.2 mm (5.83 - 18.00 inches), Vertical size: 90.0 - 305.0 mm (3.55 - 12.00 inches)
 - Finisher shift tray for Finisher SR790
 - Standard size

A3, A4, A5, B4 JIS, B5 JIS, 12 × 18, 11 × 17, 11 × 15, 10 × 14, 8 1/2 × 14, 8 1/2 × 13, 8 1/2 × 11, 8 1/4 × 14, 8 1/4 × 13, 8 × 13, 8 × 10, 7 1/4 × 10 1/2, 5 1/2 × 8 1/2, 8K, 16K
 - Finisher shift tray for Finisher SR3050
 - Standard size

A3, A4, B4 JIS, B5 JIS, 11 × 17, 11 × 15, 10 × 14,

$8\frac{1}{2} \times 14$, $8\frac{1}{2} \times 13$, $8\frac{1}{2} \times 11$, $8\frac{1}{4} \times 14$, $8\frac{1}{4} \times 13$, 8×13 ,
 8×10 , $7\frac{1}{4} \times 10\frac{1}{2}$, 8K, 16K

- Custom size

Horizontal size: 148.0 - 457.2 mm (5.83 - 18.00 inches), Vertical size: 182.0 - 297.0 mm (7.17 - 11.69 inches)

- Finisher shift tray for Booklet Finisher SR3000

- Standard size

A3, A4, A5, B4 JIS, B5 JIS, 12×18 , 11×17 , 11×15 , 10×14 , $8\frac{1}{2} \times 14$, $8\frac{1}{2} \times 13$, $8\frac{1}{2} \times 11$, $8\frac{1}{4} \times 14$, $8\frac{1}{4} \times 13$,
 8×13 , 8×10 , $7\frac{1}{4} \times 10\frac{1}{2}$, $5\frac{1}{2} \times 8\frac{1}{2}$, 8K, 16K

- Custom size

Horizontal size: 148.0 - 457.2 mm (5.83 - 18.00 inches), Vertical size: 148.0 - 305.0 mm (5.83 - 12.00 inches)

- Type 3 and 4

- Internal shift tray

- Standard size

A3, A4, A5, A6, B4 JIS, B5 JIS, B6 JIS, 12×18 , 11×17 , 11×15 , 10×14 , $8\frac{1}{2} \times 14$, $8\frac{1}{2} \times 13$, $8\frac{1}{2} \times 11$,
 $8\frac{1}{4} \times 14$, $8\frac{1}{4} \times 13$, 8×13 , 8×10 , $7\frac{1}{4} \times 10\frac{1}{2}$, $5\frac{1}{2} \times 8\frac{1}{2}$,
 8K, 16K, $4\frac{1}{8} \times 9\frac{1}{2}$, $3\frac{7}{8} \times 7\frac{1}{2}$, C5 Env, C6 Env, DL Env

- Custom size

Horizontal size: 148.0 - 457.2 mm (5.83 - 18.00 inches), Vertical size: 90.0 - 305.0 mm (3.55 - 12.00 inches)

- Finisher shift tray for Finisher SR790

- Standard size

A3, A4, A5, B4 JIS, B5 JIS, 12×18 , 11×17 , 11×15 , 10×14 , $8\frac{1}{2} \times 14$, $8\frac{1}{2} \times 13$, $8\frac{1}{2} \times 11$, $8\frac{1}{4} \times 14$, $8\frac{1}{4} \times 13$,
 8×13 , 8×10 , $7\frac{1}{4} \times 10\frac{1}{2}$, $5\frac{1}{2} \times 8\frac{1}{2}$, 8K, 16K

- Finisher shift tray for Booklet Finisher SR3020 and Finisher SR3030

- Standard size

A3, A4, A5, B4 JIS, B5 JIS, 12×18 , 11×17 , 11×15 , 10×14 , $8\frac{1}{2} \times 14$, $8\frac{1}{2} \times 13$, $8\frac{1}{2} \times 11$, $8\frac{1}{4} \times 14$, $8\frac{1}{4} \times 13$,
 8×13 , 8×10 , $7\frac{1}{4} \times 10\frac{1}{2}$, 8K, 16K

- Custom size

Horizontal size: 148.0 - 457.2 mm (5.83 - 18.00 inches), Vertical size: 148.0 - 305.0 mm (5.83 - 12.00 inches)

- Paper sizes and orientations that can be used in the Rotate Sort function are as follows:
 - A4, A5, B5 JIS, 8 1/2 × 11, 7 1/4 × 10 1/2, 4 1/8 × 9 1/2, C5 Env, 16K
- When the number of copies exceeds capacity, copying stops. If this happens, remove copies from the tray to resume copying. For details about the number of copy sheets that the output tray can accommodate, see "Appendix", About This Machine.

Reference

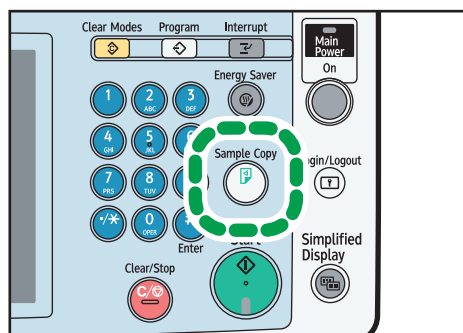
- p.235 "Input / Output"

Sample Copy

Use this function to check the copy settings before making a long copy run.

Important

- This function can be used only when the Sort function is selected.
1. Select Sort and any other necessary functions, and then place the originals.
 2. Enter the number of copy sets with the number keys.
 3. Press the [Sample Copy] key.



BZK047

One copy set is delivered as a sample.

4. If the sample is acceptable, press [Continue].

The number of copies made is the number specified, minus one for the proof copy.

Note

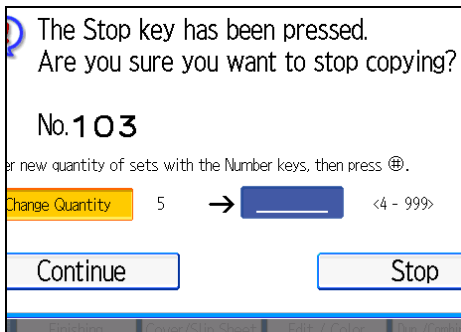
- If you press [Suspend] after checking the results, return to step 1 to adjust the copy settings as necessary. You can change the settings. However, depending on the combination of functions, you may not be able to change some settings.

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 [Clear/Stop] key.
 2. Press [Change Quantity].
 3. Enter the number of copy sets with the number keys, and then press the [#] key.



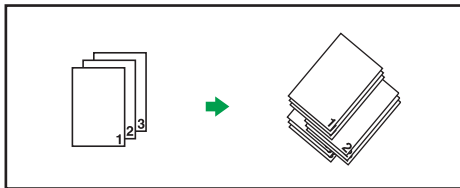
4. Press [Continue].
Copying starts again.

↓ Note

- The number of sets you can enter in step 3 differs depending on when the [Clear/Stop] key is pressed.

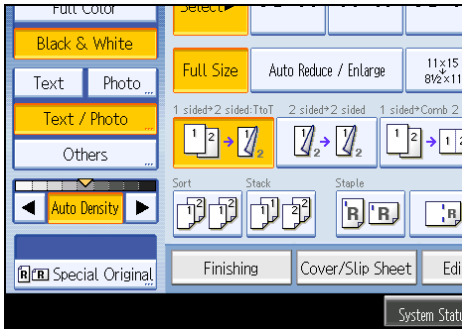
Stack

Groups together copies of each page in a multi-page original.



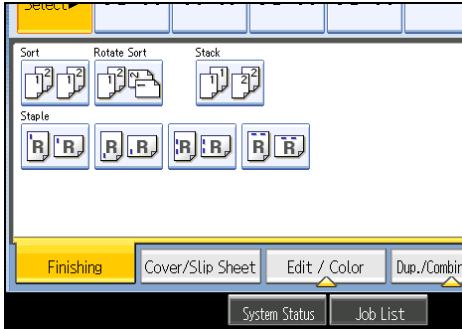
If the internal shift tray or a finisher is attached, each time the copies of one page are delivered, the next copy is shifted when delivered so you can separate each job by page.

1. Press [Finishing].

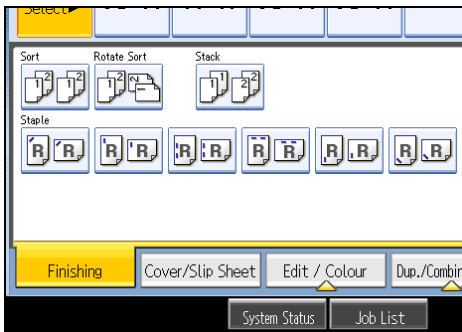


2. Press [Stack].

When Finisher SR790 is attached:



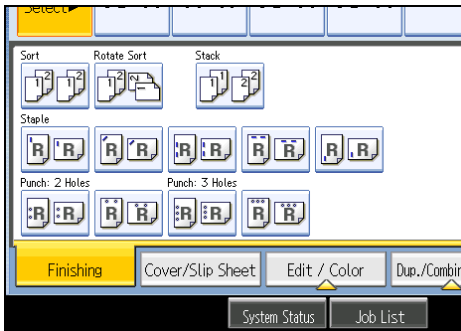
When Finisher SR3050 is attached (Type 1 and 2):



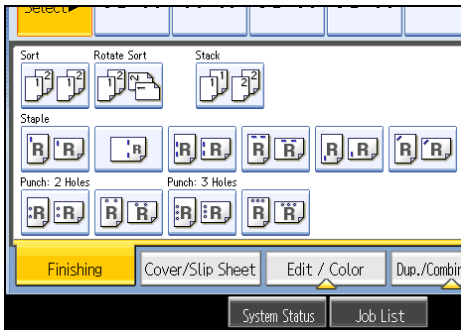
When Booklet Finisher SR3000 is attached (Type 1 and 2):



When Finisher SR3030 is attached (Type 3 and 4):



When Booklet Finisher SR3020 is attached (Type 3 and 4):



3. Enter the number of copies with the number keys.
4. Press [OK].
5. Place the originals, and then press the [Start] key.

Note

- When placing originals on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- When placing originals on the exposure glass, or in the ADF using the Batch mode, press the [#] key after all the originals have been scanned.

- For details about paper sizes and orientations that can be shifted when delivered to the shift tray, see "Sort".

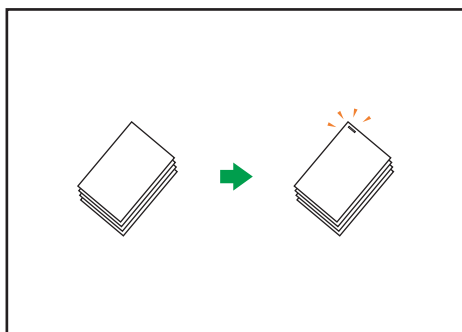
Reference

- p.74 "Sort"

Staple

2

Each copy set can be stapled together.



BZH084

Important





























- You cannot use the bypass tray with this function.

Original orientation and stapling position

Place all the originals in the ADF in the orientation in which they can be read normally. When placing the original on the exposure glass, keep the same orientation, but set the original facing downwards.











































The relationship between the orientation in which you place the original and the staple positions is as follows:

- Finisher SR790

		Original location		Stapling position *1
		Exposure glass	ADF	
	Top 1			
				
	Bottom 1			
				
	Left 2			
				
	Top 2			
				




































BZK043

- Finisher SR3050 (Type 1 and 2)

		Original location		Stapling position *1
		Exposure glass	ADF	
	Top 1			
				
	Bottom 1			
				
	Left 2			
				
	Top 2			
				
	Top Slant			
				
	Bottom Slant			
				

BZK042

- Booklet Finisher SR3000 (Type 1 and 2)

		Original location		Stapling position *1
		Exposure glass	ADF	
	Top 1			
				
	Bottom 1			
				
	Left 2			 *2
				 *2
	Top 2			 *3
				 *2 *3
	Center			
				

B2K071

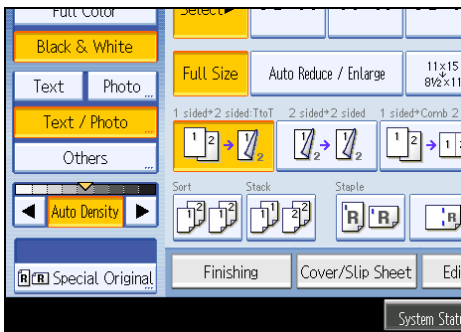
- Finisher SR3030 / Booklet Finisher SR3020 (Type 3 and 4)

		Original location		Stapling position *1
		Exposure glass	ADF	
	Top 1			
	Slant			
	Bottom 1			
	Left 2			
	Top 2			
	Center			

BZK072

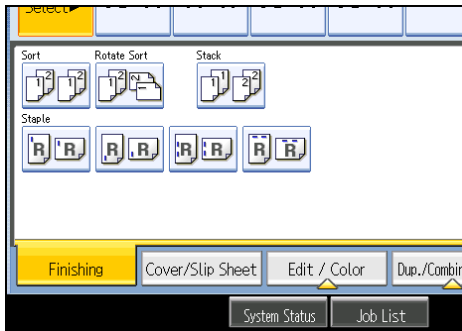
- *1 The above tables show staple positioning. The orientation of the paper does not indicate orientation of delivery.
- *2 You cannot staple at this position when copying onto the following paper sizes: A3, B4 JIS, 11 × 17, 8¹/₂ × 14, 8¹/₂ × 13, 8¹/₄ × 13, 8 × 13
- *3 If you want to staple at this position, select unreadable orientation in Original Orientation and then select Top 2.

1. Press [Finishing].

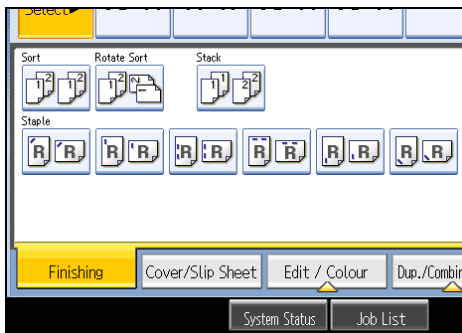


2. Select one of the stapling positions.

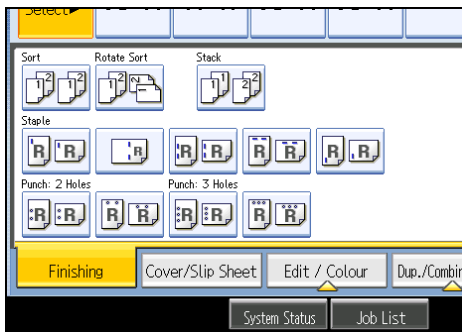
When Finisher SR790 is attached:



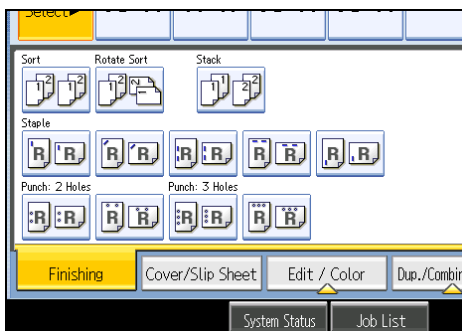
When Finisher SR3050 is attached (Type 1 and 2):



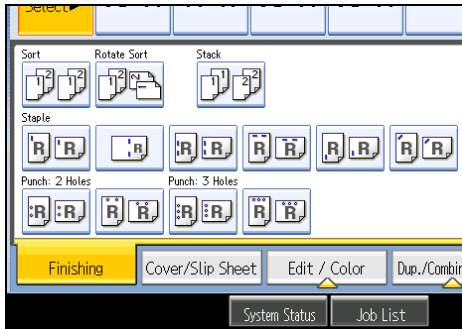
When Booklet Finisher SR3000 is attached (Type 1 and 2):



When Finisher SR3030 is attached (Type 3 and 4):



When Booklet Finisher SR3020 is attached (Type 3 and 4):



When you select a stapling position, Sort is automatically selected.

3. Enter the number of copy sets with the number keys.
4. Press [OK].
5. Place the originals, and then press the [Start] key.

↓ Note

- When placing originals on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- If you specify Staple: Center, you must specify the Magazine function. For details about Magazine, see "Booklet/Magazine".
- You can change the staple positions shown on the initial display under Input / Output in User Tools. For details about staple positions, see "Input / Output".
- The following type of paper cannot be stapled:
 - Postcard
 - Translucent paper
 - OHP transparencies
 - Label paper (adhesive labels)
 - Coated paper
 - Envelopes
 - Thick paper
 - Curled paper
 - Paper of low stiffness
- You can specify how the machine responds if its memory becomes full during copying, or if the number of copies exceeds the capacity of the stapler:
 - Divides the copies into the number of sheets that can be stapled

- Cancels the stapling job
- To specify Left 2, Top 2, or Slant together with 2 Originals or 8 Originals of Combine 1 Side, or 4 Originals or 16 Originals of Combine 2 Sides: specify paper for orientation originals and specify paper for orientation originals.
- To specify Left 2, Top 2, or Slant together with Double Copies: specify paper for orientation originals and specify paper for orientation originals.
- Even if you place different size originals in the ADF, appropriate size of copy paper can be automatically selected and stapled using the Mixed Sizes mode and Auto Paper Select function. Load the paper you want to use in the paper trays beforehand. Paper sizes that can be stapled when using the Mixed Sizes mode are as follows:
 - A3 and A4
 - B4 JIS and B5 JIS
 - 11 × 17 and 8¹/₂ × 11
 - 8K and 16K
- When stapling B4 JIS , 8¹/₂ × 14 or larger paper sizes, be sure to extend the paper support plate of the finisher tray.
- You cannot change stapling positions during copying.
- When the original image is rotated, the staple orientation changes by 90 degrees.
- The maximum original image size that can be rotated is A4.
- When using Slant, Left 2, or Top 2 with the Combine, Double Copies or Auto Reduce / Enlarge function, "Orig. and paper orientation mismatched for Staple mode. Cancel Staple mode or change paper orientation in tray." message may appear depending on the orientation of originals and paper you placed. In this case, change the paper orientation.
- When Top or Bottom is selected and the paper with the same orientation as the original is not loaded, the image is rotated and the paper with the same size and the different orientation is selected.
- When Left 2, or Top 2 is selected, the following settings are useful to rotate images appropriately:
 - Auto Reduce / Enlarge or Auto Paper Select
 - Replace Auto Tray Switching with With Image Rotation in User Tools.
- If you select Center with the booklet finisher, the machine staples and folds the paper in the center, then delivers the paper folded.
- If you select Center for the Magazine function, the machine staples the paper, and folds it like a book, then delivers the paper folded.
- When the number of copies exceeds tray capacity, copying stops. If this happens, remove the copies from the finisher tray to resume copying.
- Depending on the settings for the Staple, you may not be able to use the Rotate Copy function.

- For details about the number of sheets that can be stapled together, the paper weight that can be stapled, and the number of stapled copies that can be stacked on each tray, see "Appendix", About This Machine.

Reference

- p.177 "Booklet/Magazine"
- p.235 "Input / Output"

2

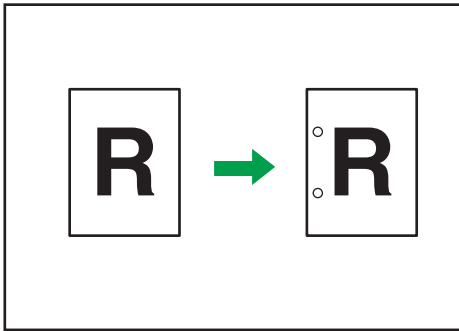
Punch

You can make punch holes in copies.

Important

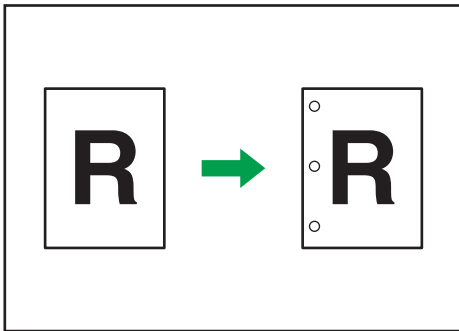
- You cannot use the bypass tray with this function.

2 holes



BZH086

3 holes



BZH206

Original orientation and punch hole position

Place all the originals in the ADF in the orientation in which they can be read normally. When placing the original on the exposure glass, keep the same orientation, but set the original facing downwards.

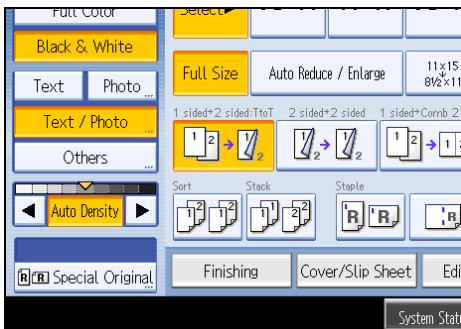
The relationship between the orientation in which you place the original and the punch hole positions is as follows:

		Original location		Punch hole position*1
		Exposure glass	ADF	
	2 hole left			*3
				*2
	2 hole top			*2 *3
				*2 *3
	3 hole left			*3
				*3
	3 hole top			*2
				*2 *3

BZK073

- *1 The above table shows punch hole positioning. Punched sheets might not be delivered in the orientation shown in this table.
- *2 If you want to punch at this position, select unreadable orientation in Original Orientation and then select 2 Holes Top/3 Holes Top.
- *3 You cannot punch at this position when copying onto the following paper sizes: A3, B4 JIS, 11 × 17, 8 1/2 × 14, 8 1/2 × 13, 8 1/4 × 13, 8 × 13

1. Press [Finishing].

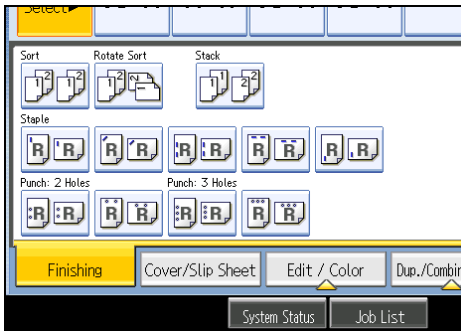


2. Select one of the punch hole positions.

When Booklet Finisher SR3000 is attached (Type 1 and 2):



When Finisher SR3030 is attached (Type 3 and 4):



When Booklet Finisher SR3020 is attached (Type 3 and 4):



3. Enter the number of copy sets with the number keys.
4. Press [OK].
5. Place the originals, and then press the [Start] key.

Note

- When placing originals on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- You can change the punch hole types shown on the initial display under Input / Output in User Tools. For details, see "Input / Output".

- Paper can be punched only if it meets the machine's size and orientation requirements. For details about which sizes and weights of paper that can be punched, see "Appendix", About This Machine.
- When using the Punch and Combine, Double Copies, or Auto Reduce / Enlarge, the message "Orig. and paper orientation mismatched for Punch mode. Cancel Punch mode or change paper orientation in tray." may appear because of the orientation of the original and the copy paper. If this occurs, change the orientation of the copy paper.
- Since punch holes are made in each copy, the punch hole positions vary slightly.

Reference

- p.235 "Input / Output"

Storing Data in the Document Server

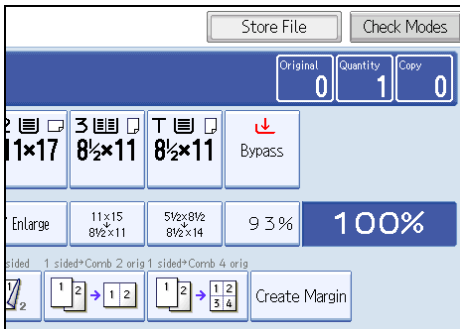
The Document Server enables you to store documents being read with the copy feature on the hard disk of this machine. Thus you can print them later applying necessary conditions.

★ Important

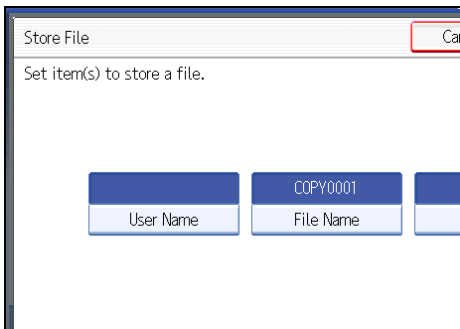
2

- Machine failure can result in data loss. Important data stored on the hard disk should be backed up. The manufacturer shall not be responsible for any damage that might result from the loss of data.

1. Press [Store File].



2. Enter a file name, user name, or password if necessary.



3. Press [OK].

4. Place the originals.

5. Make the scanning settings for the original.

6. Press the [Start] key.

Stores scanned originals in memory and makes one set of copies.

↓ Note

- To stop scanning, press the [Clear/Stop] key. To resume a paused scanning job, press [Continue] in the confirmation display. To delete scanned images and cancel the job, press [Stop]. The originals placed in the ADF will be ejected.

- When placing originals on the exposure glass, press the [#] key after all the originals have been scanned.
- Data stored in the Document Server is set to be deleted after three days (72 hours) by the factory default. You can specify the period after which the stored data is deleted automatically under Auto Delete File in Document Server in User Tools. For details about changing settings, see “System Settings”, Network and System Settings Reference.
- To check if the document has been stored, press the [Document Server] key.
- If the ADF cannot detect the size of an original automatically, the scan will be made at the closest available size.
- If you want to store another document, do so after copying is complete.
- For details about the Document Server, see “Using the Document Server”.
- For details about printing stored documents, see “Printing Stored Documents”.
- For details about setting user name, file name, and password, see “Using the Document Server”.
- Depending on the security setting, Access Privileges may appear instead of User Name. For details about Access Privileges, consult the administrator.
- For details about how to enter text, see “Entering Text”, About This Machine.

Reference

- p.196 "Using the Document Server"
- p.205 "Printing Stored Documents"

Managing Jobs

Jobs printed using Copy, Document Server, or Printer mode are temporarily stored in the machine, and then executed in order. The Job List function allows you to manage these jobs.

For example, you can cancel incorrect job settings or print an urgent document.

2

Note

- You cannot use the Job List function when Interrupt Copy is active.
- Documents printed using the scanner function and facsimile function are not displayed in the job list.

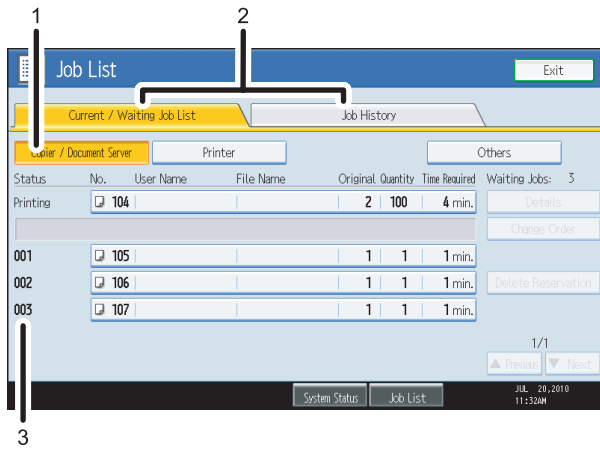
Job List Screen

This section explains displays and icons that appear in the Job List screen.

The Job List screen varies depending on whether Job Order is selected with Print Priority for the System Settings. For details about the setting procedure, see “System Settings”, Network and System Settings Reference.

When [Job Order] is not selected:

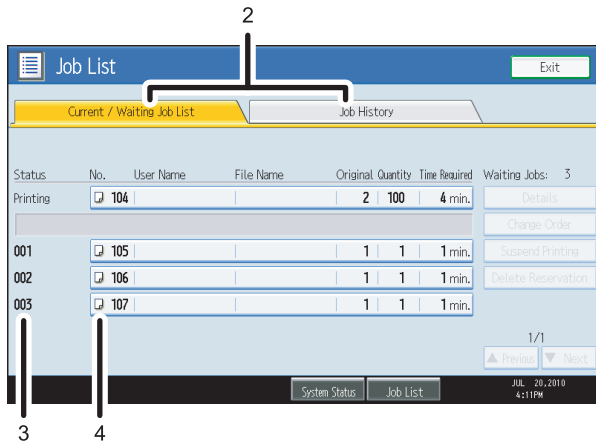
The job list is displayed for each of the functions.



BZK057

When [Job Order] is selected:

The job list is displayed for all functions in the order of print jobs.



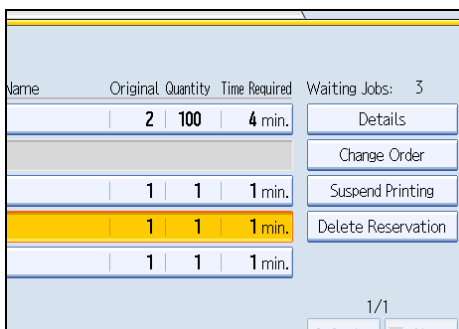
BZK058

1. Switches between job lists for each function.
2. Switches between [Current / Waiting Job List] and [Job History].
3. Displays reserved job numbers.
4. Displays the function used to print jobs.
 - : Job printed using copy function
 - : Job printed using printer function
 - : Job printed using Document Server function
 - : Job printed using Web Image Monitor

Checking Jobs in the Job List

You can check the contents of jobs in the job list.

1. Press [Job List].
2. Select the job whose contents you want to check.
3. Press [Details], and then check the contents.



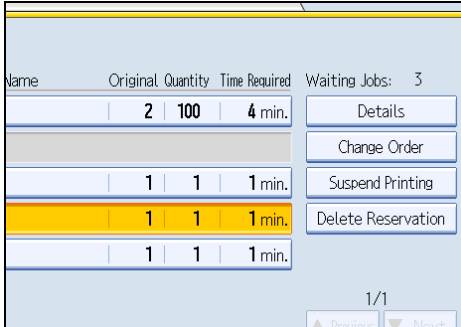
4. Press [Exit] twice.

Changing the Order of Jobs

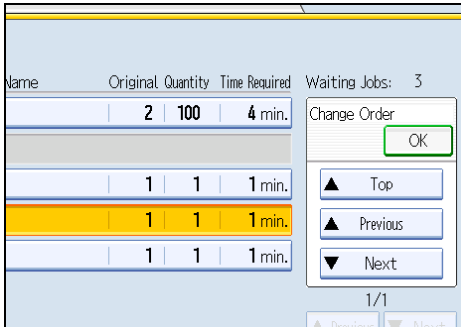
You can change the order of jobs in the job list.

1. Press [Job List].
2. Select the job whose order you want to change.
3. Press [Change Order].

2



4. Change the order using [Top], [Previous], or [Next].



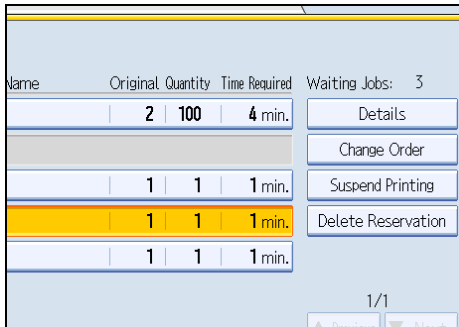
5. Press [OK].
6. Press [Exit].

Holding Jobs

You can hold jobs that are queued or currently printing.

1. Press [Job List].
2. Select the job you want to hold.

3. Press [Suspend Printing].



Name	Original	Quantity	Time Required	Waiting Jobs: 3
	2	100	4 min.	Details
	1	1	1 min.	Change Order
	1	1	1 min.	Suspend Printing
	1	1	1 min.	Delete Reservation

1/1

The selected job and the jobs that follow it are suspended. "Suspended" is displayed at the left of the jobs in the job list that are suspended.

4. Press [Exit].

↓ Note

- To resume the suspended jobs, press [Resume Printing].
- This function is available only if [Job Order] is specified.

Deleting Jobs

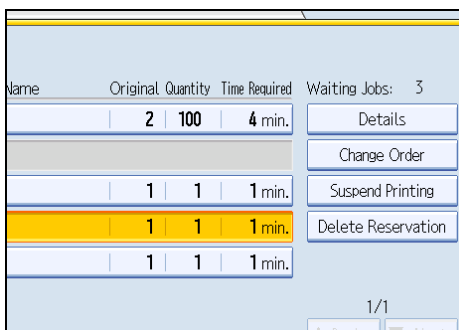
You can delete a job that is queued or currently printing.

1. Press [Job List].

2. Select the job you want to delete.

To delete two or more print jobs, select them.

3. Press [Delete Reservation].



Name	Original	Quantity	Time Required	Waiting Jobs: 3
	2	100	4 min.	Details
	1	1	1 min.	Change Order
	1	1	1 min.	Suspend Printing
	1	1	1 min.	Delete Reservation

1/1

4. Press [OK].

5. Press [Exit].

Checking the Job History

You can view the history and contents of completed print jobs.

1. Press [Job List].
2. Press [Job History].
A list of completed print jobs appears.
3. Select the job whose contents you want to check.
4. Press [Details], and then check the contents.
5. Press [Exit] twice.

Registering Frequently Used Functions

You can store frequently used copy job settings in the machine memory and recall them for future use.

You can store up to 10 programs.

The settings you can register are Color Mode, Paper Tray, Original Type, Density, Special Original, Original Orientation, Finishing, Cover/Slip Sheet, Edit / Color, Dup./Combine/Series, Reduce / Enlarge, Store File, and number of copies.

2

Note

- 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 operation switch is turned on. See "Changing the Default Functions of the Copy's Initial Display".
- Paper settings are stored based on paper size. So if you place more than one paper tray of the same size, the paper tray prioritized under System Settings in User Tools will be selected first. For details, see "System Settings", Network and System Settings Reference.
- Programs are not deleted by turning the power off or by pressing the [Clear Modes] key.

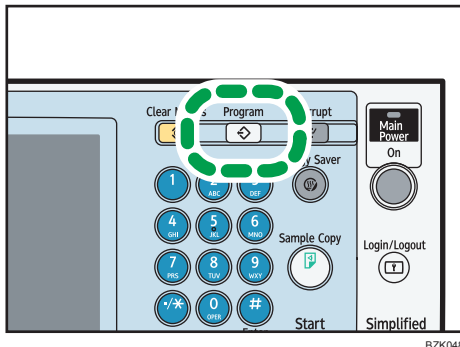
Reference

- p.105 "Changing the Default Functions of the Copy's Initial Display"

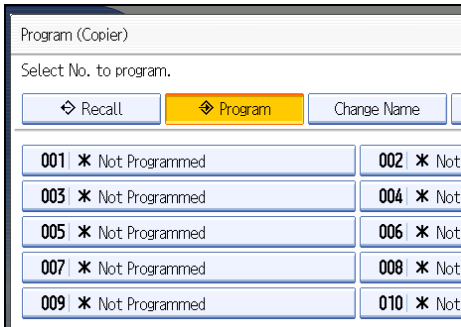
Registering Functions in a Program

You can register functions in a program.

1. Edit the copy settings so all functions you want to store in a program are selected.
2. Press the [Program] key.



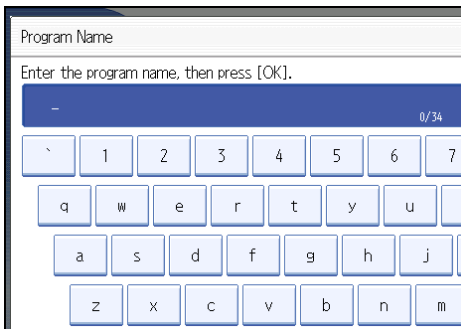
3. Press [Program].



4. Press the program number you want to store.

5. Enter the program name with the letter keys on the display panel.


You can enter up to 34 characters.



6. Press [OK].

The screen returns to the program screen, showing the program number followed by the program name. The screen returns to the initial copy display after a short time.

Note

- Program numbers with  against them already have settings made for them.
- For details about how to enter text, see "Entering Text", About This Machine.

Changing a Stored Program

Changes program settings.

1. Check the program settings.
2. Specify the contents of a program.
3. Press the [Program] key.
4. Press [Program].

5. Press the program number you want to change.
6. Press [Yes].
7. Enter the program name.

You can enter up to 34 characters.

8. Press [OK].

The screen returns to the program screen, showing the program number followed by the program name. The screen returns to the initial copy display after a short time.

2

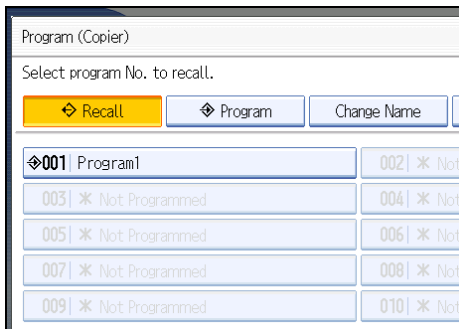
↓ Note

- To check the contents of a program, recall the program.
- When it is overwritten, the previous program is deleted.

Recalling a Stored Program

Recalls a stored program to make copies using the stored settings.

1. Press the [Program] key.
2. Press [Recall].
3. Press the program number you want to recall.



The stored settings are displayed.

↓ Note

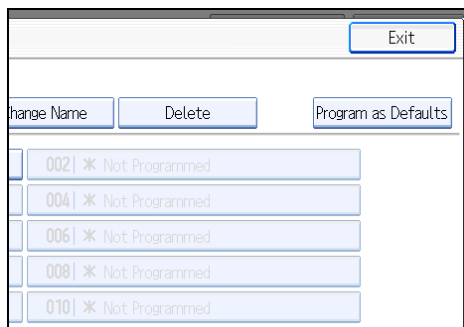
- Only programs with ◆ against them contain a program.

Deleting a Stored Program

Erases the contents of a program.

1. Press the [Program] key.

2. Press [Delete].



3. Press the program number you want to delete.

4. Press [Yes].

The program is deleted, and the display returns to the initial copy display.

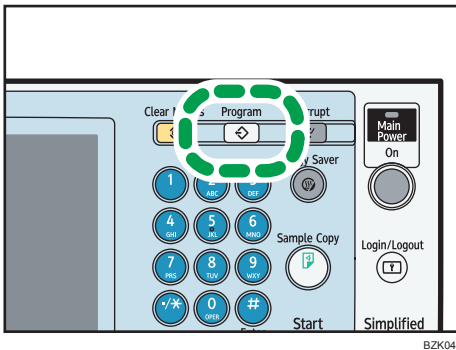
Changing the Default Functions of the Copy's Initial Display

You can configure the settings of the initial screen so that the default display contains the functions you use most often.

For example: if the default selection is the Duplex function, but the function you use most frequently is 1-sided copying, you can change the default selection to 1-sided copying instead.

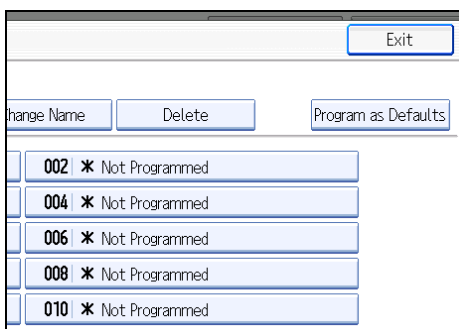
The settings you can register as defaults are Color Mode, Paper Tray, Original Type, Density, Special Original, Original Orientation, Cover/Slip Sheet, Edit / Color, Dup./Combine/Series, Reduce / Enlarge, Finishing, Store File, and number of copies.

1. Specify scan settings and any other settings you require on the initial display.
2. Press the [Program] key.

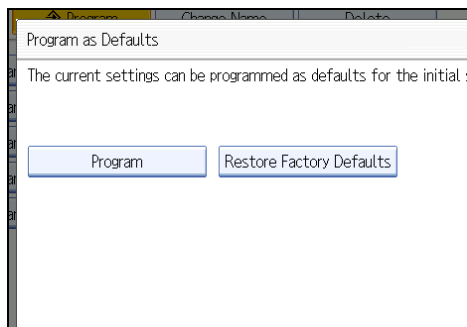


BZK048

3. Press [Program as Defaults].



4. Press [Program].



2

5. When a confirmation dialog appears, press [Yes].

The current settings are programmed as defaults. The screen returns to the initial display.

↓ Note

- To restore the factory default settings on the initial display, press [Restore Factory Defaults].
- The default settings can be programmed separately for the normal screen and simplified display screens.

3. Color Copying

This chapter describes how to make color copies and adjust color and image quality.

Color Functions

This section describes functions that are used for color copying.

Selecting a Color Mode

3

Select a color mode that suits your originals and copying requirements.

For color images, see "Available Color Functions".

The following three color modes are available:

Auto Color Select

Judges the color of the original automatically, and copies either in full color or black and white.

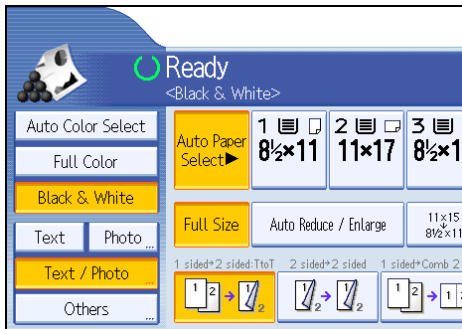
Full Color

Copies by overlaying yellow, magenta, cyan and black.

Black & White

Copies in black regardless of the color of the original.

1. Select a color mode.



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

Note

- To use a user color, you need to register it beforehand. For details, see "User Color".
- For examples of what you can do with the color functions, see "Available Color Functions".

Reference

- p.9 "Available Color Functions"

- p.120 "User Color"

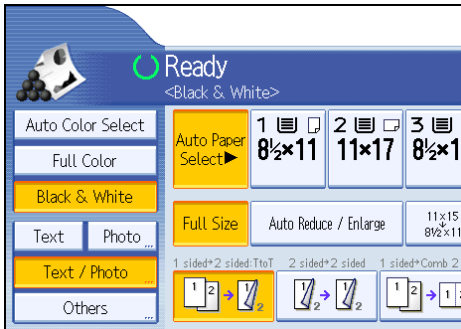
Convert Colors

Copies by changing a certain color in the original to another color.

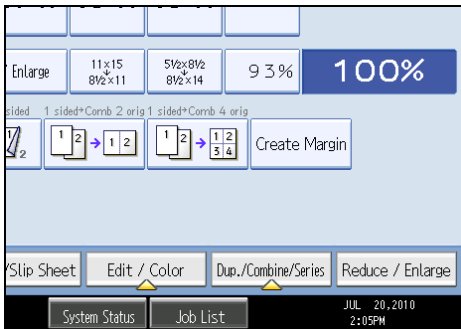
★ Important

- Up to four colors can be converted at the same time.
- To use this function, [Full Color] must be selected.
- If any other color mode is selected, you cannot select [Convert Color].

1. Press [Full Color].

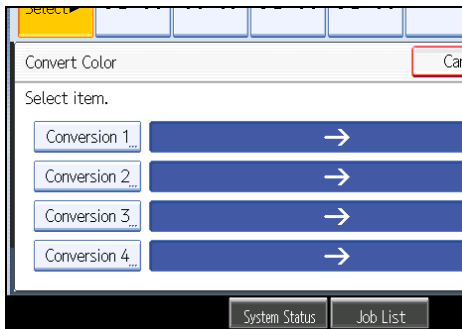


2. Press [Edit / Color].



3. Press [Color], and then press [Convert Color].

4. Select any one item from [Conversion 1] to [Conversion 4].



5. Select the color to be converted.

6. Select the new color.

You can adjust the density of the color in four steps.

To select user color, press [User Color], and then select the color.

To change more than two colors, repeat steps 4 to 6.

7. After selecting all colors to be converted, press [OK] three times.

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

↓ Note

- The width of the color to be converted can be adjusted in five levels. When the width of the color is set to [Wider] under Color Sensitivity in User Tools and red has been specified, colors close to orange and purple will be converted. You can change the setting. For details about Color Sensitivity, see "Adjust Color Image".
- To change the converted color, press from [Conversion 1] to [Conversion 4], and then make the selection again.
- The full color counter will advance by "1".
- For examples of what you can do with the color functions, see "Available Color Functions".

📖 Reference

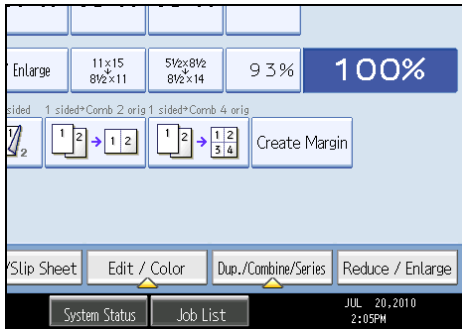
- p.9 "Available Color Functions"
- p.238 "Adjust Color Image"

Erase Color

Copies by erasing a certain color in the image of the original.

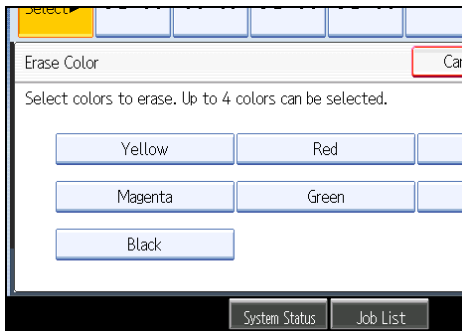
1. Select a color mode.

2. Press [Edit / Color].



3. Press [Color], and then press [Erase Color].

4. Select the color to be erased.



Up to four colors can be erased at the same time.

5. After selecting all colors to be erased, press [OK] twice.

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

Note

- The width of the color to be erased can be adjusted in five levels. When the width of the color is set to [Wider] under Color Sensitivity in User Tools and red has been specified, colors close to orange and purple will be erased. You can change the setting. For details about Color Sensitivity, see "Adjust Color Image".
- To cancel the selection, press the selected (highlighted) key.
- When the Full Color is selected, the full color counter will advance by "1". When the Black & White is selected, the mono-color counter will advance by "1".
- For examples of what you can do with the color functions, see "Available Color Functions".

Reference

- p.9 "Available Color Functions"
- p.238 "Adjust Color Image"

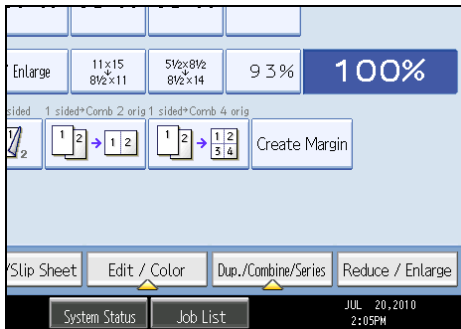
Color Background

Copies by adding a color in the whole page.

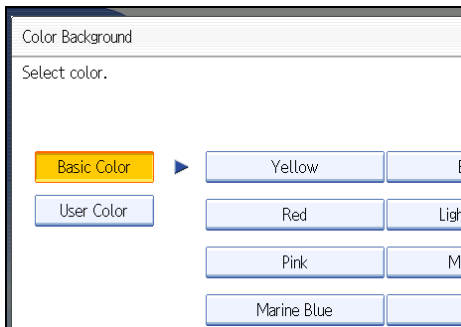
★ Important

- Since the Color Background function overprints the entire original, the color of the image may change.

1. Select a color mode.
2. Press [Edit / Color].



3. Press [Color], and then press [Color Background].
4. Select the background color, and then press [OK] twice.



You can adjust the density of the color in four steps.

To select user color, press [User Color], and then select the color.

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

↓ Note

- To cancel the selection, press the selected (highlighted) key.
- When the Full Color is selected, the full color counter will advance by "1". When the Black & White is selected, the mono-color counter will advance by "1".
- When copied using the registered color, the original will be copied lighter than the registered color.

Adjusting Color and Image Quality

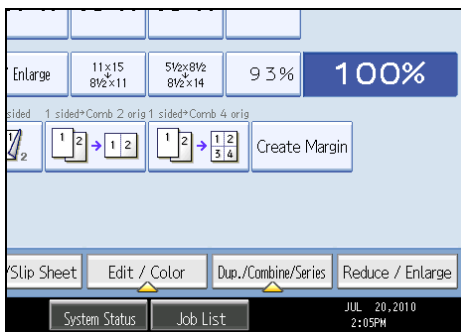
This section describes how to adjust color balance and image quality. Also explains how to register user colors.

Color Balance

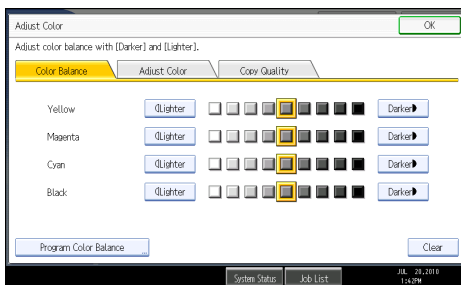
Adjusts the overall color tone when the copy is reddish or bluish.

3

1. Press [Edit / Color].



2. Press [Color], and then press [Adjust Color].
3. Press [Color Balance].
4. Adjust the color balance by pressing [Lighter] or [Darker].



5. Press [OK] twice.

Note

- The adjusted settings will be deleted and the initial values will be reset, when Auto Clear has been performed, when the [Clear Modes] key has been pressed or when the power has been turned off.
- For explanations about and examples of what you can do with the color adjustment function, see "Available Color Functions".

Reference

- p.9 "Available Color Functions"

Color Balance Program

You can store the color balance setting as a color balance program and recall it when you want to use it.

You can store up to three programs.

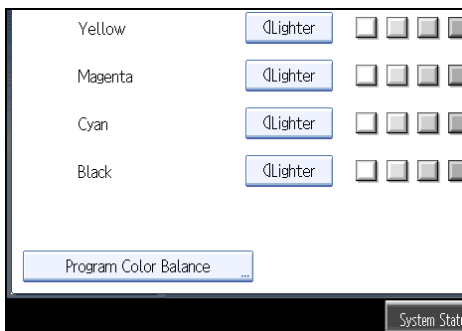
Note

- If you want to change the registered settings, register them one more time. In this case, the previously registered settings will be overwritten.

Registering the adjusted color balance

Register adjusted color balance settings so that you can use them later.

1. Press [Edit / Color].
2. Press [Color], and then press [Adjust Color].
3. Press [Color Balance].
4. Adjust the color balance.
5. Press [Program Color Balance].



6. Press [Program].
7. Select a program number (1-3).

The color balance setting will be registered in the selected number.

8. Press [OK] twice.

Note

- If you select the program number key where ∞ is displayed, the previously registered settings will be overwritten.
- For details about how to adjust the color balance, see "Color Balance".

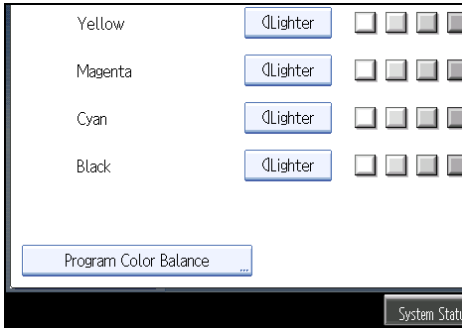
Reference

- p.112 "Color Balance"

Changing the color balance

Changes the settings stored in color balance programs.

1. Press [Edit / Color].
2. Press [Color], and then press [Adjust Color].
3. Press [Color Balance], and then press [Program Color Balance].



4. Select the program number (1-3) to be changed.
The programmed color balance appears.
5. Change the registered settings.
6. Press [Program Color Balance].
7. Press [Program], and then press the program number to be overwritten.
8. Press [Yes].
The program is overwritten.
9. Press [OK] twice.

Recalling the color balance

Applies settings registered in color balance programs to the copy job.

1. Press [Edit / Color].
2. Press [Color], and then press [Adjust Color].
3. Press [Color Balance], and then press [Program Color Balance].
4. Select the program number you want to use.
5. Press [OK] twice.

↓ Note

- The adjusted settings will be deleted and the initial values will be reset, when Auto Clear has been performed, when the [Clear Modes] key has been pressed, or when the power has been turned off.

Deleting the color balance

Deletes the settings stored in color balance programs.

1. Press [Edit / Color].
2. Press [Color], and then press [Adjust Color].
3. Press [Color Balance], and then press [Program Color Balance].
4. Press [Delete], and then select the program number you want to delete.
5. Press [Yes].
6. Press [OK] twice.

3

Color Adjustment

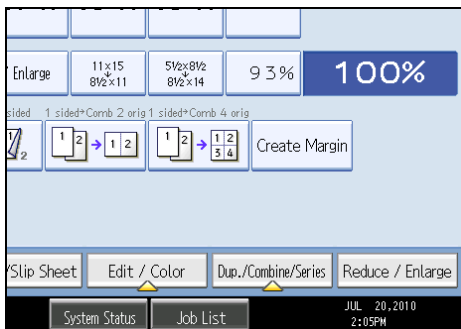
Adjusts the specific colors (yellow, red, magenta, blue, cyan, and green) by mixing them with adjacent colors in the color circle.

You can adjust up to three colors from yellow, red, magenta, blue, cyan, or green.

★ Important

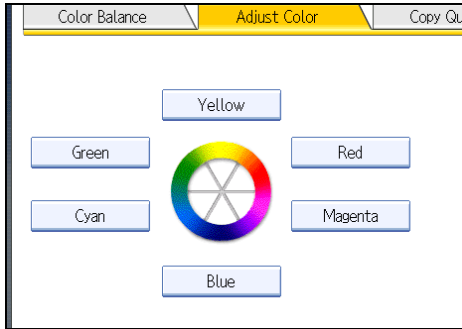
- This function is not available if Black & White is selected.

1. Press [Edit / Color].



2. Press [Color], and then press [Adjust Color].
3. Press [Adjust Color].
4. Select the colors you want to adjust.

You can select up to three colors.



3

5. Adjust the color tastes using [←] or [→].

6. Press [OK] twice.

Note

- The adjusted settings will be deleted and the initial values will be reset, when Auto Clear has been performed, when the [Clear Modes] key has been pressed or when the power has been turned off.
- For explanations about and examples of what you can do with the color adjustment function, see "Available Color Functions".

Reference

- p.9 "Available Color Functions"

Image Adjustment

Adjusts image qualities.

The following five types of image adjustments are available:

Sharp / Soft

Adjusts the outline of an image.

Contrast

Adjusts the shades of an image.

Background Density

Adjusts the background density of an image.

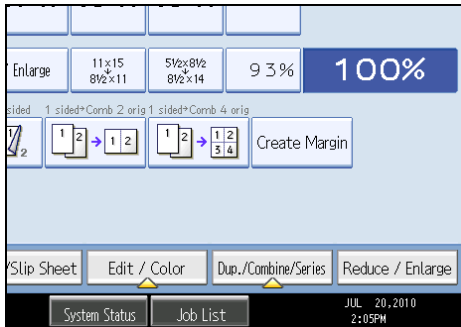
Adjust U.C.R.

Adjusts the amount of black toner to express vividly the black areas in an image.

Text / Photo Sensitivity

Adjusts the standard level in judging the image in the text and photo part when using "Text / Photo".

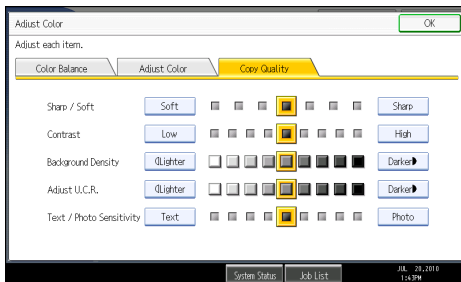
1. Press [Edit / Color].



2. Press [Color], and then press [Adjust Color].

3. Press [Copy Quality].

4. Adjust the settings.



5. Press [OK] twice.

Note

- [Sharp / Soft], [Contrast], and [Background Density] can each be adjusted, however, their adjustments can affect the level of other adjustment functions.
- The adjusted settings will be deleted and the initial values will be reset, when Auto Clear has been performed, when the [Clear Modes] key has been pressed or when the power has been turned off.
- For types and examples of the image adjustment functions, see "Available Color Functions".

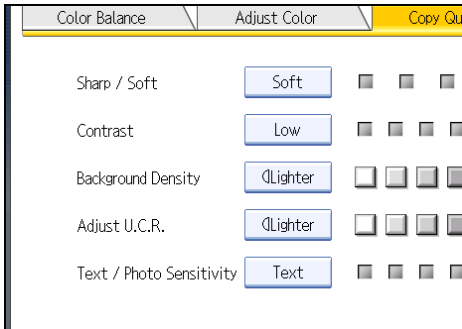
Reference

- p.9 "Available Color Functions"

Sharp / Soft

Adjusts the outline of an image.

1. Adjust the image quality by pressing [Soft] or [Sharp].



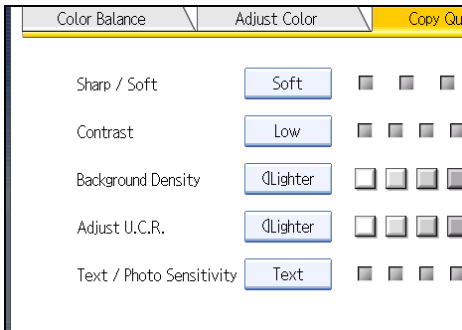
3

2. Press [OK].

Contrast

Adjusts the shades of an image.

1. Adjust the image quality by pressing [Low] or [High].

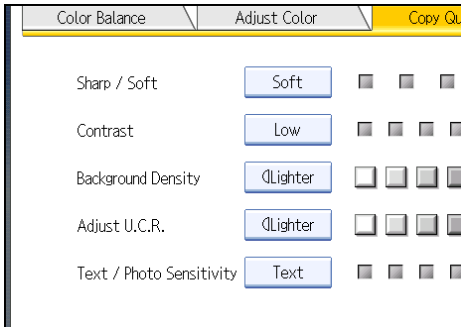


2. Press [OK].

Background Density

Adjusts the background density of an image.

1. Adjust the image quality by pressing [Lighter] or [Darker].



2. Press [OK].

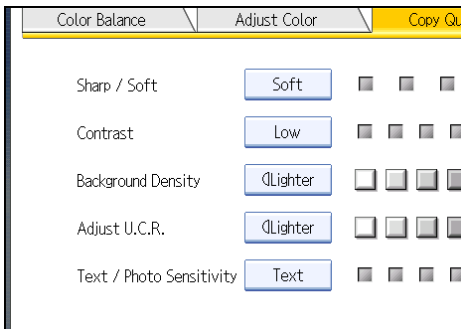
↓ Note

- Adjustments should be made lighter when copying dark textured originals, such as newspaper or recycled paper.
- Adjustments should be made darker when darkening the color of markers or highlighters. However, as the color of highlighters is difficult to reproduce, the copy might not come out depending on the color or a different color might be copied.

Adjust U.C.R.

Adjusts the amount of black toner to express vividly the black areas in an image.

1. Adjust the image quality by pressing [Lighter] or [Darker].

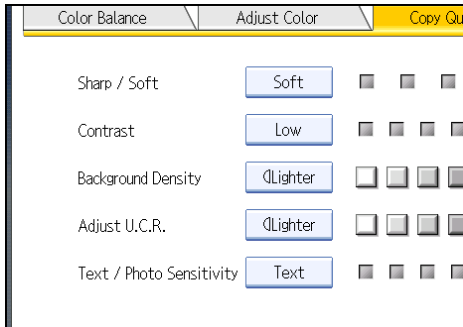


2. Press [OK].

Text / Photo Sensitivity

Adjusts the standard level in judging the image in the text and photo part when using "Text / Photo".

1. Adjust the image quality by pressing [Text] or [Photo].



2. Press [OK].

↓ Note

- Specify the original type to Text when parts of the text are faded or are not clear. Set it to Photo when the outline of photos becomes dark.

User Color

You can register user colors made by adjusting the density of yellow, magenta, cyan, and black. You can also name the colors you register, and print out a list of user colors.

You can create colors by:

- Adjusting the density of primary colors based on a chosen basic color.
- Directly specifying the density of primary colors using the number keys.

↓ Note

- When copying using user colors, the fine shades might vary depending on the condition of the machine.
- In order to correctly reproduce originals, the values, which have been input, are corrected inside the machine, and copies are made using the best suitable values. This means that the Text setting and the Photo setting may produce slight differences in the color of the printouts.
- Up to 15 colors can be registered.
- Sample prints of user colors can be made on an A4□, 8¹/₂ × 11□, A3□, or 11 × 17□ size paper.
- When printing a list of user colors, the full color counter will advance by "1".
- For explanations about and examples of what you can do with the color adjustment function, see "Available Color Functions".

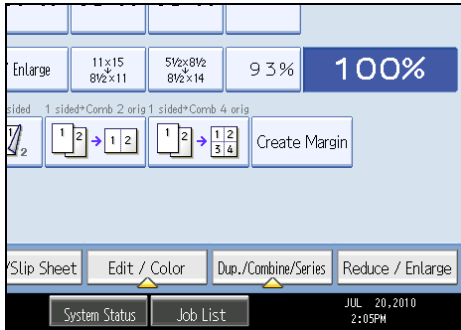
📖 Reference

- p.9 "Available Color Functions"

Adjusting colors based on the selected color

Creates colors by adjusting the density of primary colors based on a chosen basic color.

1. Press [Edit / Color].

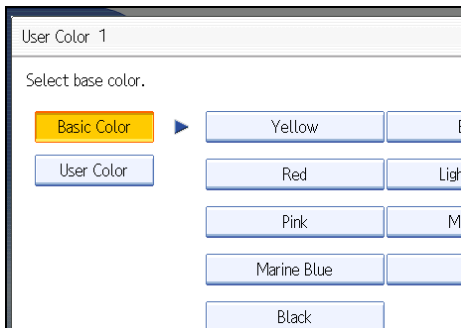


2. Press [Color], and then press [User Color].

3. Press [Program], and then select the number (01-15) for the color you want to register.

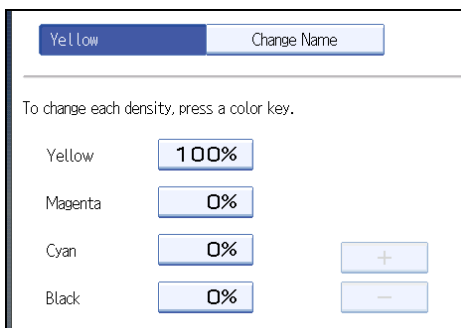
4. Select the color to be used as base color from the basic and user colors.

The density of primary colors for the selected color is displayed.



To select user color, press [User Color], and then select the color.

5. Select the color whose density is to be specified, and then specify the density in percentages using [+] or [-].



You can also specify the density by pressing [Adjust with Number Keys].

6. Check the settings, and then press [OK].
7. Press [OK] twice.

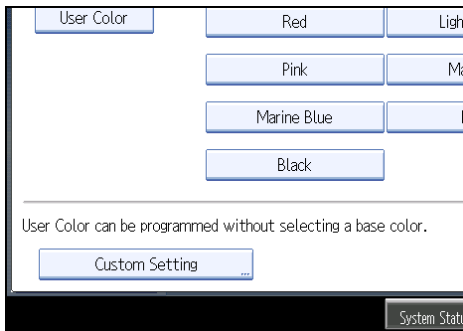
Note

- Selecting a user color key that is indicated by a solid line will change (overwrite) the contents of that color.

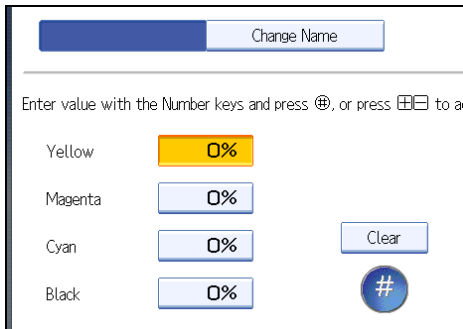
3 Creating colors by specifying the density of primary colors with number keys

Creates colors by directly specifying the density of primary colors using the number keys.

1. Press [Edit / Color].
2. Press [Color], and then press [User Color].
3. Press [Program], and then select the number (01~15) for the color you want to register.
4. Press [Custom Setting].



5. Select the color whose density is to be specified.
6. Enter the density using the number keys, and then press [#].



Repeat steps 5~6 if you want to specify the density of multiple colors.

You can also specify the density by pressing [Adjust with [+] [-]].

7. Check the settings, and then press [OK].

8. Press [OK] twice.

 **Note**

- Selecting a user color key that is indicated by a solid line will change (overwrite) the contents of that color.

Changing the user color name

Changes the user color.

1. Press [Edit / Color].
2. Press [Color], and then press [User Color].
3. Press [Program], and then select the number (01-15) for the color you want to rename.
4. Select the color you want to rename.
5. Press [Change Name].
6. Enter the name of the color (up to 16 characters), and then press [OK].
7. Press [OK] three times.

3

Deleting user colors

Deletes user colors.

 **Important**

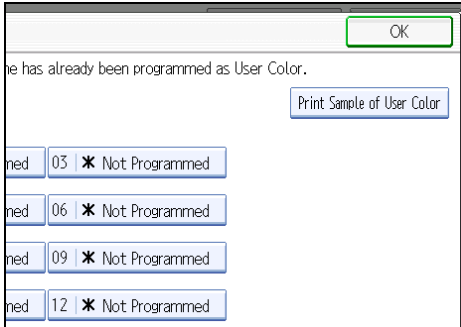
- You cannot delete colors registered in the program or user colors that are currently being used.
1. Press [Edit / Color].
 2. Press [Color], and then press [User Color].
 3. Press [Delete].
 4. Select the number of the user color you want to delete.
 5. Press [Yes].
 6. Press [OK] twice.

Printing a list of user colors

Prints a list of user colors.

1. Press [Edit / Color].
2. Press [Color], and then press [User Color].

3. Check the copy paper, and then press [Print Sample of User Color].



3

The tray where the list of user colors is output will vary depending on which options are installed.

4. Press [OK] twice.

↓ Note

- The list will be copied on an A4, 8¹/₂ × 11, A3, or 11 × 17 sheet.

4. Advanced Copying

This chapter describes the procedure for making copies in various modes.

Adjusting Copy Image Density

There are three types of adjustment available.

Auto image density

The machine automatically adjusts the image density by scanning the densities of originals. Dark texture originals (such as newspaper or recycled paper) will be copied so that background will not be reproduced.

Manual image density

You can adjust the density of the overall original in nine steps.

Combined auto and manual image density

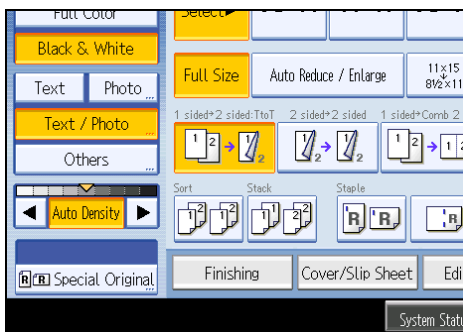
Adjusts the density of an image only for dark texture originals.

Auto Image Density

The machine automatically adjusts the image density by scanning the densities of originals. Dark texture originals (such as newspaper or recycled paper) will be copied so that background will not be reproduced.

1. Make sure that [Auto Density] is selected.

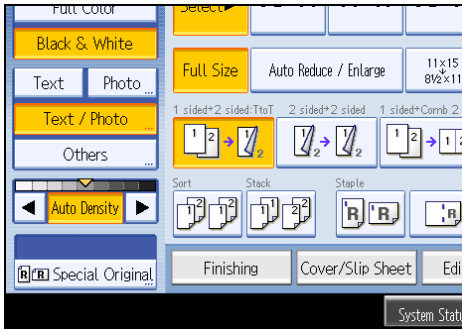
If [Auto Density] is not selected, press [Auto Density].



Manual Image Density

You can adjust the density of the overall original in nine steps.

1. If [Auto Density] is selected, press [Auto Density] to cancel it.



2. Press [◀] or [▶] to adjust the image density. The density indicator “▽” moves.

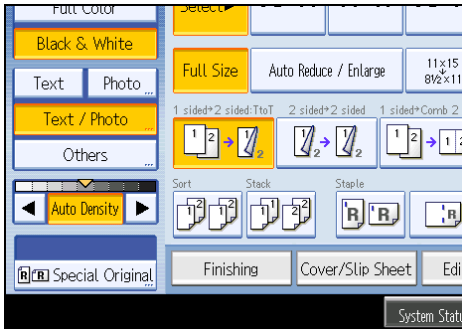
4

Combined Auto and Manual Image Density

Adjusts the density of an image only for dark texture originals.

1. Make sure [Auto Density] is selected.

If [Auto Density] is not selected, press [Auto Density].



2. Press [◀] or [▶] to adjust the density. The density indicator “▽” moves.

Selecting the Original Type

Select an original type that is suitable for your originals.

There are six original types available:

Text

For originals that contain mainly text or printed characters.

Photo

For Photographs or pictures.

- Glossy Photo: Use when copying developed photographs
- Printed Photo: Use when copying photographs or pictures that are printed on paper (e.g. magazines)
- Copied Photo: Use when copying copies or originals generated by color copiers

Text / Photo

For originals that contain both text and photographs or pictures.

Generation Copy

For originals that are copied. The copy image can be reproduced sharply and clearly.

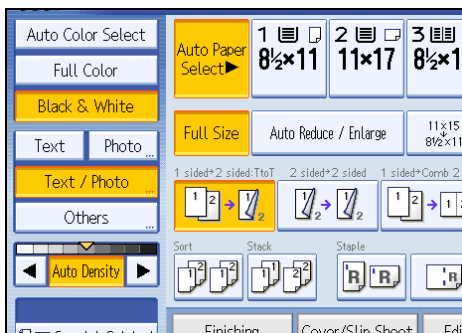
Pale

For originals that have lighter lines written in pencil, or faintly copied slips.

Map

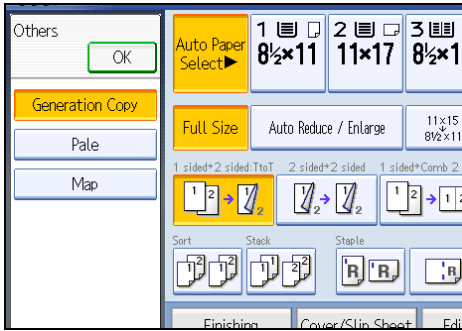
For map originals.

1. Select the original type.



Note

- To select [Generation Copy], [Pale], or [Map], select [Others] first.



- You can change the settings for original types shown on the initial display under General Features in User Tools. For details, see “General Features”.
- You can select whether or not to display the keys for the original on the initial display under Original Type Display in User Tools. For details about Original Type Display, see “General Features”.

Reference

- p.219 "General Features"

Selecting Copy Paper

Select paper you want to copy onto.

There are two ways to select copy paper:

Auto Paper Select

The machine selects a suitable size of copy paper automatically based on the detected original size and the reproduction ratio you select.

Manual Paper Select

Select the tray containing the paper you want to copy onto: a paper tray, the bypass tray, or the LCT. See the following table for original sizes and orientations that can be used with Auto Paper Select (when copying at a ratio of 100%):

Original location	Original size and orientation
Exposure glass	11 × 17 \square , 8 $\frac{1}{2}$ × 14 \square , 8 $\frac{1}{2}$ × 11 \square \square , 5 $\frac{1}{2}$ × 8 $\frac{1}{2}$ \square
ADF	11 × 17 \square , 8 $\frac{1}{2}$ × 14 \square , 8 $\frac{1}{2}$ × 11 \square \square , 5 $\frac{1}{2}$ × 8 $\frac{1}{2}$ \square \square , 10 × 14 \square , 7 $\frac{1}{4}$ × 10 $\frac{1}{2}$ \square , A3 \square , A4 \square \square

Note

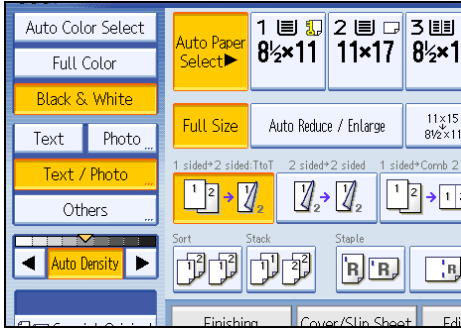
- Only the paper trays set to [Do not Display] or [Recycled Paper] in Paper Type and also set to [Yes] in Apply Auto Paper Select under Tray Paper Settings can be selected in Auto Paper Select mode. For details, see "System Settings", Network and System Settings Reference.

Auto Paper Select

The machine selects a suitable size of copy paper automatically based on the detected original size and the reproduction ratio you select.

1. Make sure that [Auto Paper Select] is selected.

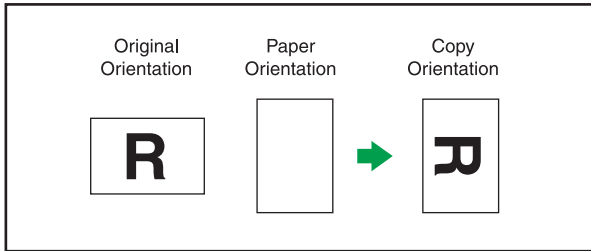
Trays with a key mark (1) will not be automatically selected. For details about which trays are unavailable when [Auto Paper Select] is applied, see "Tray Paper Settings", Network and System Settings Reference.



4

Rotate copy

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 to fit it on the paper.



BZH101

Note

- This function works when Auto Paper Select or Auto Reduce / Enlarge is selected. See "Auto Paper Select" and "Auto Reduce / Enlarge".
- The default setting for Auto Tray Switching is [With Image Rotation]. You cannot use the Rotate Copy function if this setting is changed to [Without Image Rotation] or [Off]. For details about Auto Tray Switching, see "General Features".
- The Rotate Copy function is not available in combination with certain finishing settings.

Reference

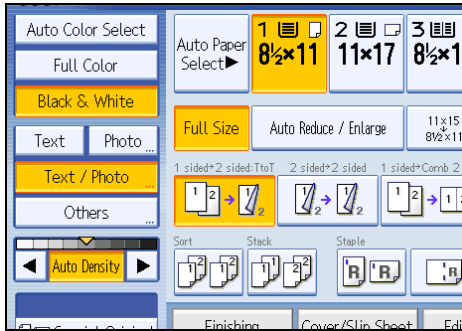
- p.60 "Auto Reduce / Enlarge"
- p.129 "Auto Paper Select"
- p.219 "General Features"

Manual Paper Select

Select the tray containing the paper you want to copy onto: a paper tray, the bypass tray, or the LCT.

1. Select the tray you want to use.

The indicator corresponding to the selected paper tray is highlighted.



Advanced Reduce / Enlarge Copying

This section describes the advanced functions for reducing or enlarging images.

For details about the basic reduce/enlarge copy functions, see "Reducing or Enlarging Originals".

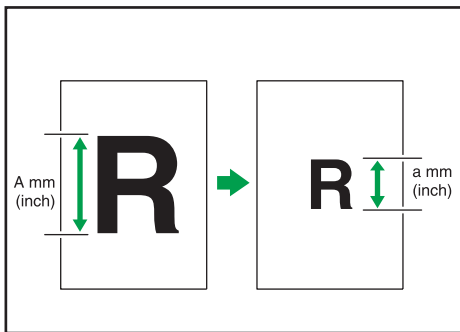
Reference

- p.55 "Reducing or Enlarging Originals"

Size Magnification

4

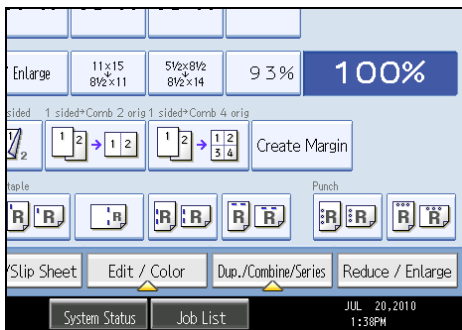
This function calculates a reproduction ratio based on the lengths of the original and copy.



BZK054

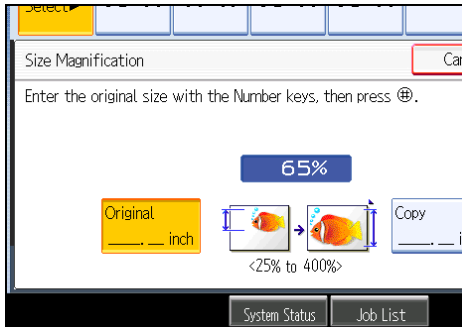
Measure and specify the lengths of the original and copy by comparing "A" with "a".

1. Press [Reduce / Enlarge].



2. Press [Size Magnification].

3. Enter the length of the original with the number keys, and then press [#].



You can enter sizes between 1 to 999 mm (0.1 to 99.9 inches) in increments of 1 mm (0.1 inch).

4. Enter the length of the copy with the number keys, and then press [#].

5. Press [OK] twice.

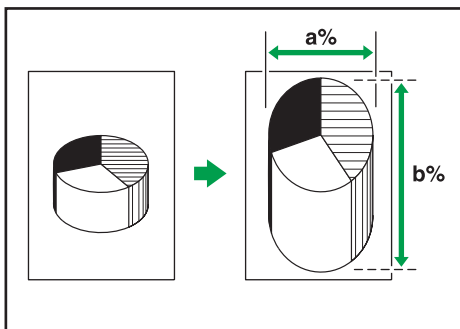
Note

- To change the value you entered, press the key you want to change, and then enter a new value.
- If the calculated ratio is over the maximum or under the minimum ratio, it is automatically adjusted to within available range. However, with some ratios, parts of the image might not be copied or margins will appear on copies.
- The machine selects reproduction ratios of between 25 and 400%.

Directional Magnification (%)

Specify the horizontal and vertical reproduction ratios, individually.

Copies can be reduced or enlarged at different reproduction ratios horizontally and vertically.



BZK053

a: Horizontal ratio

b: Vertical ratio

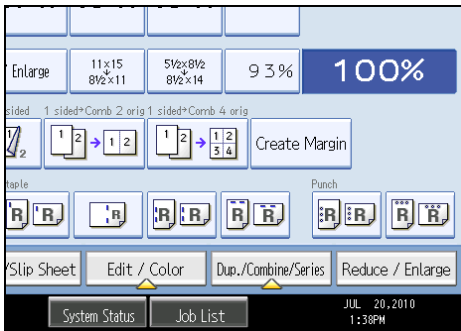
Note

- The reproduction ratios you can specify are 25 - 400%.
- When entering a percentage ratio, you can specify any value in the permitted range, regardless of original or copy paper size. However, depending on settings and other conditions, part of the image may not be copied, or margins will appear on copies.

Specifying the ratio with [−] and [+]

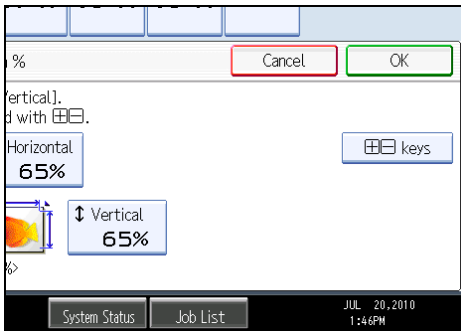
Specify a ratio using [−] and [+].

1. Press [Reduce / Enlarge].



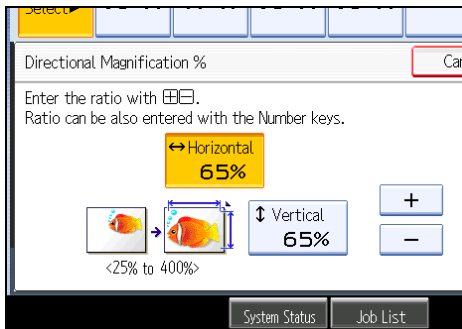
2. Press [Direct. Mag. %].

3. Press [[+] [−] keys].



4. Press [Horizontal].

5. Adjust the ratio using [−] and [+].



Pressing [−] or [+] changes the ratio in increments of 1%. Pressing and holding down [−] or [+] changes it in increments of 10%.

6. Press [Vertical].

7. Adjust the ratio with [−] and [+].

8. Press [OK] twice.

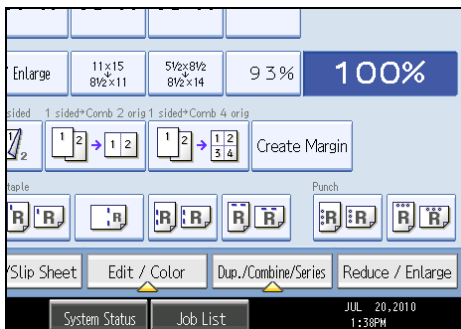
↓ Note

- To change the value you entered, readjust it with [−] and [+].

Entering the ratio with the number keys

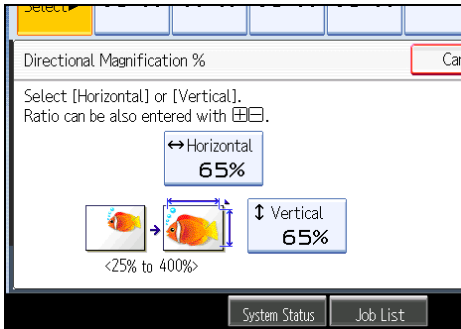
Enter a ratio using the number keys.

1. Press [Reduce / Enlarge].



2. Press [Direct. Mag. %].

3. Press [Horizontal].



4. Enter the desired ratio with the number keys, and then press [#].
5. Press [Vertical].
6. Enter the desired ratio with the number keys, and then press [#].
7. Press [OK] twice.

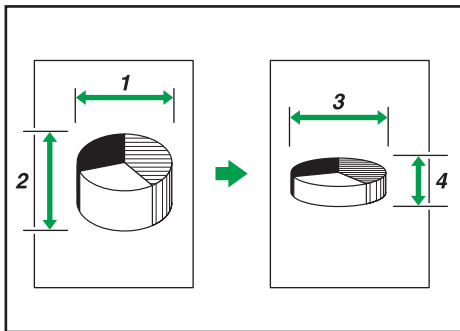
Note

- To change the value you entered, press the key you want to change, and then enter a new value.

Directional Size Magnification (inch)

Specify the horizontal and vertical lengths of the original and copy image.

Copies can be reduced or enlarged at different reproduction ratios horizontally and vertically.

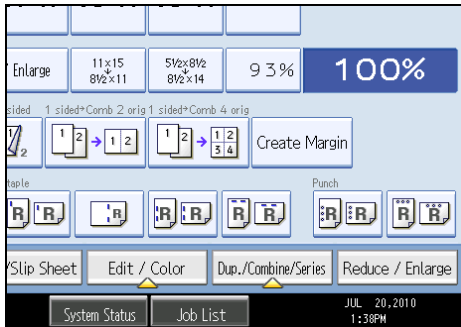


BZK064

1. **Horizontal original size: A mm (inch)**
2. **Vertical original size: B mm (inch)**
3. **Horizontal copy size: a mm (inch)**
4. **Vertical copy size: b mm (inch)**

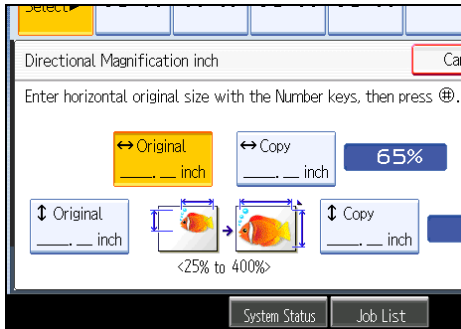
Measure and specify the lengths of the original and copy by comparing "A" with "a" and "B" with "b".

1. Press [Reduce / Enlarge].



2. Press [Dir. Size Mag. inch].

3. Enter the horizontal size of the original with the number keys, and then press [#].



4. Enter the horizontal size of the copy with the number keys, and then press [#].

5. Enter the vertical size of the original with the number keys, and then press [#].

6. Enter the vertical size of the copy with the number keys, and then press [#].

7. Press [OK] twice.

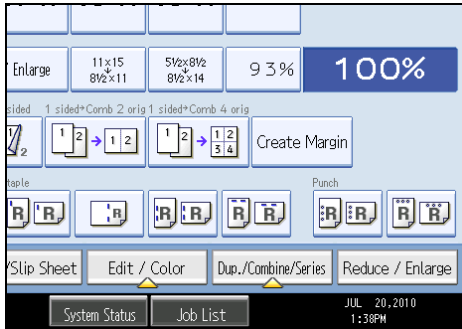
Note

- The horizontal and vertical length of an original can be entered in steps of 1 mm (0.1 inch). The horizontal length of an original can be 1 to 9999 mm (0.1 to 99.9 inches); the vertical length of an original can be 1 to 999 mm (0.1 to 99.9 inches). The horizontal and vertical length of copies can also be entered in steps of 1 mm (0.1 inch). Both the horizontal and vertical length of copies can be 1 to 999 mm (0.1 to 99.9 inches).
- To change the value you entered, press the key you want to change, and then enter a new value.
- The machine selects reproduction ratios of between 25 and 400%.
- When entering a size in mm (inch), if the calculated ratio is over the maximum or under the minimum ratio, it is automatically adjusted to within available range. However, with some ratios, parts of the image might not be copied or margins will appear on copies.

Create Margin

Reduces the image to 93% of its original size and places the reduced image at the center. By combining it with the Reduce / Enlarge functions, you can further increase a margin.

1. Press [Create Margin].



2. Select the reproduction ratio, if necessary.

Note

- You can change the ratio for Create Margin under Reproduction Ratio in User Tools. For details about Reproduction Ratio, see "Reproduction Ratio".

Reference

- p.223 "Reproduction Ratio"

Stamps

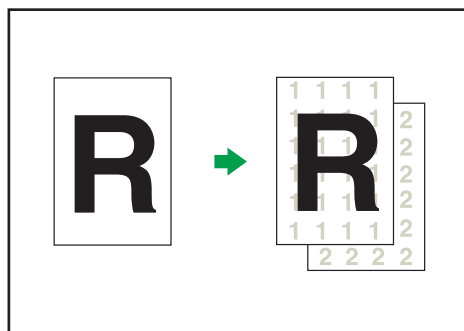
Copies with the date, page numbers, etc.

The stamp color can be yellow, red, cyan, magenta, green, blue, and black.

Background Numbering

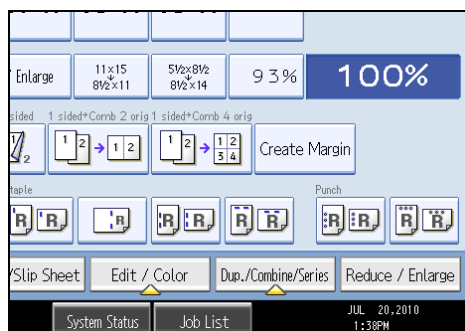
Use this function to have numbers printed on the background of copies.

If this function is used in conjunction with Sort, the same numbers are printed on each set of copies, helping you keep track of confidential documents.



BZK031

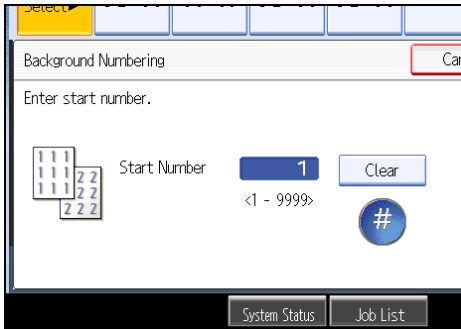
1. Press [Edit / Color].



2. Press [Stamp].

3. Press [Background Numbering].

4. Enter the number to start counting from with the number keys, and then press [#].



You can change the stamp color.

4

5. Press [OK] twice.

Note

- To change the value you entered, press [Clear], and then enter a new value.
- When the Full Color is selected, the full color counter will advance by "1".
- The default color is black.
- You can enter a number between 1 and 9999.
- You can change the settings for Background Numbering under Stamp in User Tools. For details about Stamp, see "Stamp".
- The numbers appear to overlap the copied image in some cases.

Reference

- p.229 "Stamp"

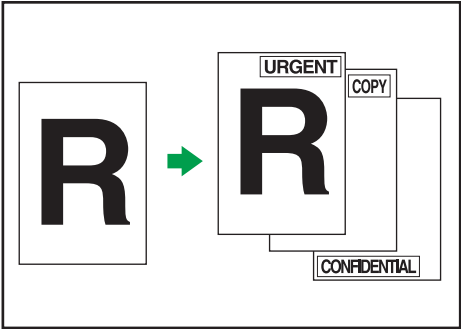
Changing the stamp color

Changes the stamp color.

1. Press [Stamp Color] under Stamp Color.
2. Select the stamp color, and then press [OK].

Preset Stamp

Messages are stamped on copies.



BZH108

★ Important

- You cannot use the bypass tray with this function.
- Only one message can be stamped at a time.

The following eight messages are available for Preset Stamp:

“COPY”, “URGENT”, “PRIORITY”, “For Your Info.”, “PRELIMINARY”, “For Internal Use Only”, “CONFIDENTIAL”, “DRAFT”

Stamp position and original orientation

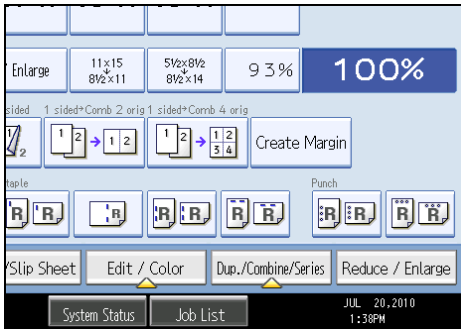
The stamp positions differ according to the orientation in which you place the originals.

Readable orientation		→	
		→	
Unreadable orientation		→	
		→	

Key on the display									
Stamp position	①	②	③	④	⑤	⑥	⑦	⑧	⑨

BZK032

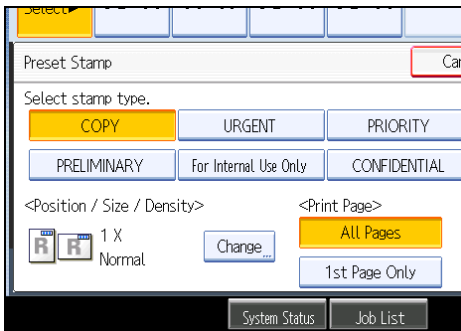
1. Press [Edit / Color].



2. Press [Stamp].

3. Press [Preset Stamp].

4. Select the desired message.



You can change the color, position, size, and density of the stamp.

5. Press [All Pages] or [1st Page Only] to select the print page.

6. After making all settings, press [OK].

7. Press [OK].

Note

- When the Full Color is selected, the full color counter will advance by "1".
- The default color is black.
- You can change the settings for Preset Stamp under Stamp in User Tools. Depending on the setting, density may change. For details about Stamp, see "Stamp".
- Depending on paper size, if you change the stamp size, parts of the stamp might not be printed.

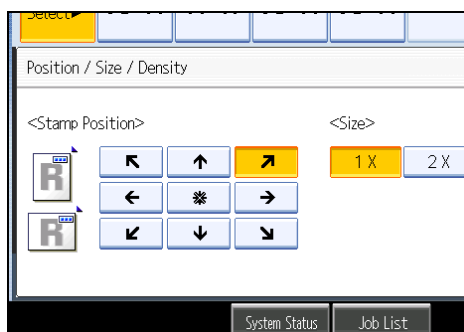
Reference

- p.229 "Stamp"

Changing the stamp position, size, and density

Changes the stamp position, size, and density.

1. Press [Change] under Position / Size / Density.
2. Select the stamp position, size, and density, and then press [OK].



4

Changing the stamp color

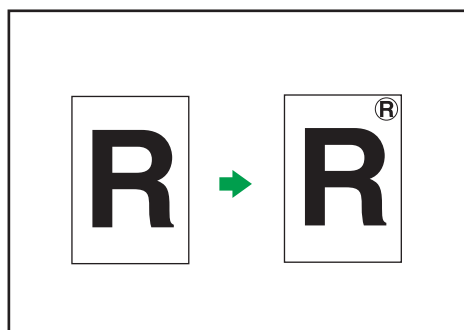
Changes the stamp color.

1. Press [Stamp Color] under Stamp Color.
2. Select the stamp color, and then press [OK].

User Stamp

Copies a scanned image as a stamp.

Letters or images you use frequently can be registered.



BZH110

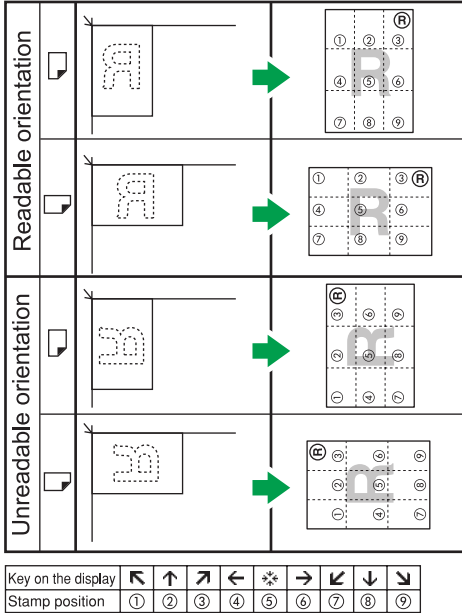
★ Important

- You have to register a user stamp before using this function. For details, see “Registering a user stamp”.
- You cannot use the bypass tray with this function.

- Only one message can be stamped each time.

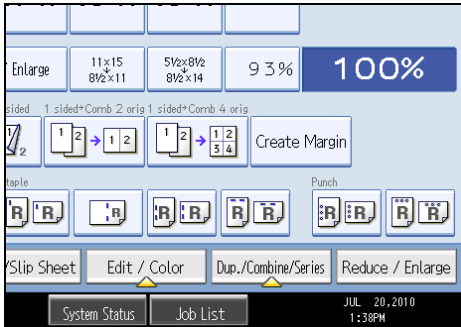
Stamp position and original orientation

The user stamp positions differ according to the orientation in which you place the originals.



BZK033

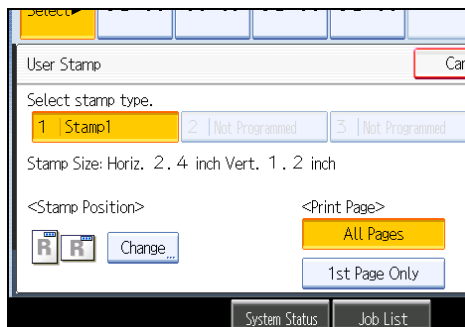
1. Press [Edit / Color].



2. Press [Stamp].

3. Press [User Stamp].

4. Select the stamp you require.



You can change the stamp color and position.

5. Press [All Pages] or [1st Page Only] to select the print page.

6. After making all settings, press [OK].

7. Press [OK].

Note

- When the Full Color is selected, the full color counter will advance by "1".
- The default color is black.
- You can change the settings for User Stamp under Stamp in User Tools. For details about Stamp, see "Stamp".

Reference

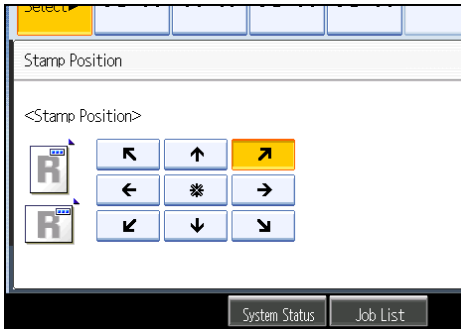
- p.146 "Registering a user stamp"
- p.229 "Stamp"

Changing the user stamp position

Changes the stamp position.

1. Press [Change] under Stamp Position.

2. Select the stamp position, and then press [OK].



4

Changing the stamp color

Changes the stamp color.

1. Press [Stamp Color] under Stamp Color.
2. Select the stamp color, and then press [OK].

Registering a user stamp

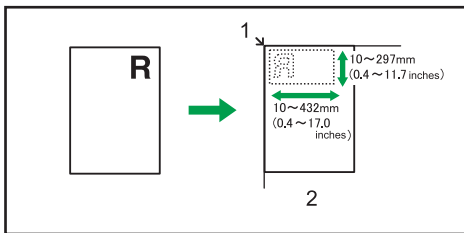
Scans an image that is used as a user stamp.

The size range for stamp images is 10 - 297 mm (0.4 - 11.7 inches) high and 10 - 432 mm (0.4 - 17.0 inches) wide. However, if the stamp's size exceeds the maximum value of the area (5,000 mm², 7.75 inch²), it will be automatically corrected to a size that is within the range of the area.

★ Important

- User stamps will be one color even if the originals were full color.

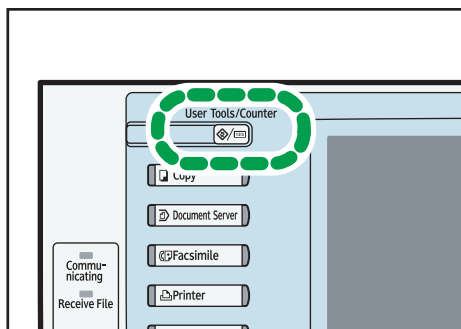
Up to four frequently used images can be stored in memory.



BZH112

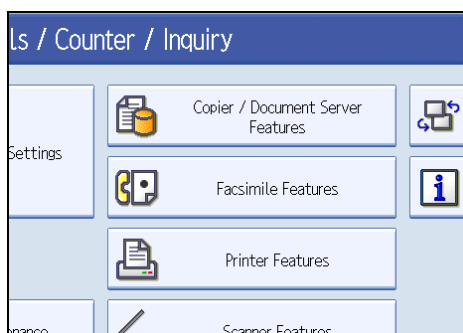
1. Base point
2. Exposure glass

1. Press the [User Tools/Counter] key.



CAS098

2. Press [Copier / Document Server Features].



3. Press [Stamp].
4. Press [User Stamp].
5. Press [Program / Delete Stamp].
6. Press [Program], and then press the stamp number you want to program.
7. Enter the user stamp name (up to 10 characters) with the letter keys, and then press [OK].
8. Enter the horizontal size of the stamp with the number keys, and then press [#].
9. Enter the vertical size of the stamp with the number keys, and then press [#].
10. Place the original for user stamp on the exposure glass, and then press [Start Scanning].
The original will be scanned, and the stamp will be registered.
11. Press [Exit].
12. Press [Exit].
The display returns to the User Tools / Counter / Inquiry screen.
13. Press [Exit].
Exits settings and gets ready to copy.

Note

- Stamp numbers with ↔ already have settings in them. Stamp numbers that are not registered yet are marked with "Not Programmed".
- If the stamp number is already being used, the machine will ask you if you want to overwrite it. Press [Yes] or [Stop].
- You cannot restore the overwritten stamp.
- Originals cannot be scanned from the ADF when programming the user stamp.
- For details about how to enter text, see "Entering Text", About This Machine.

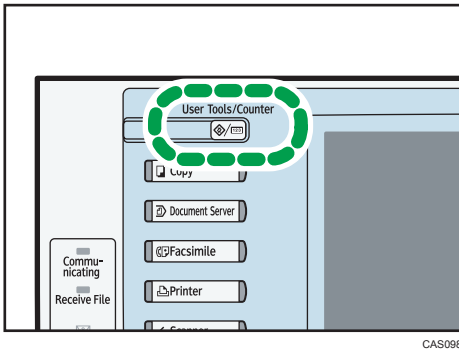
4

Deleting the user stamp

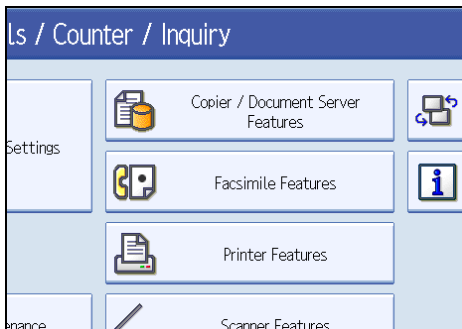
Deletes an image registered as a user stamp.

You cannot restore a deleted stamp.

1. Press the [User Tools/Counter] key.



2. Press [Copier / Document Server Features].



3. Press [Stamp].
4. Press [User Stamp].
5. Press [Program / Delete Stamp].

6. Press [Delete], and then press the stamp number you want to delete.

7. Select [Yes], and then press [Exit].

8. Press [Exit].

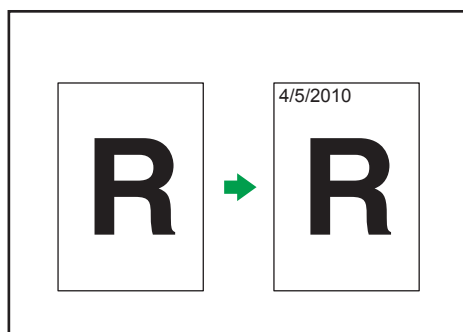
The display returns to the User Tools / Counter / Inquiry screen.

9. Press [Exit].

Exits settings and gets ready to copy.

Date Stamp

Use this function to print dates on your copies.



BZH203

★ Important

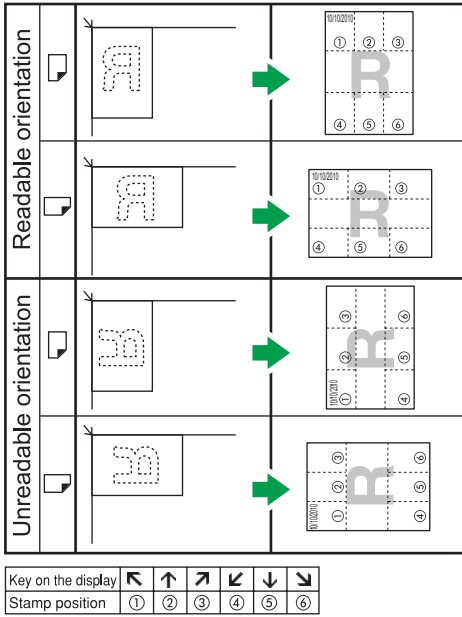
- You cannot use the bypass tray with this function.

You can select from the following styles:

- MM/DD/YYYY
- MM.DD.YYYY
- DD/MM/YYYY
- DD.MM.YYYY
- YYYY.MM.DD

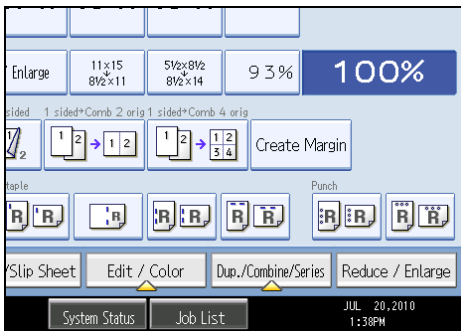
Stamp position and original orientation

The date stamp positions differ according to the orientation in which you place the originals.



BZK034

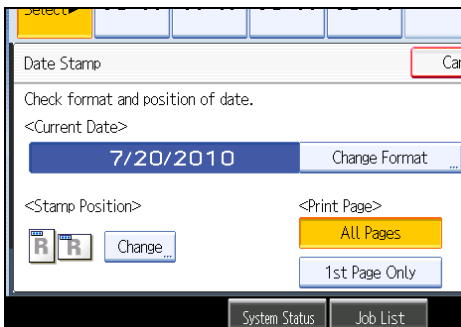
1. Press [Edit / Color].



2. Press [Stamp].

3. Press [Date Stamp].

4. Select the stamp format.



You can change the color, style, and position of the date.

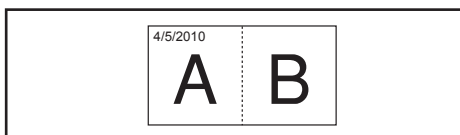
5. Press **[All Pages]** or **[1st Page Only]** to select the print page.

6. After making all settings, press **[OK]**.

7. Press **[OK]**.

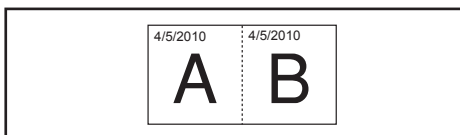
↓ Note

- The default color is black.
- You can change the settings for Date Stamp under Stamp in User Tools. For details about Stamp, see "Stamp".
- When Date Stamp is used with the Combine, Magazine, or Booklet function, the date stamp is printed as follows:
 - With the Combine function



BZH204

- With the Magazine or Booklet function



BZH205

📖 Reference

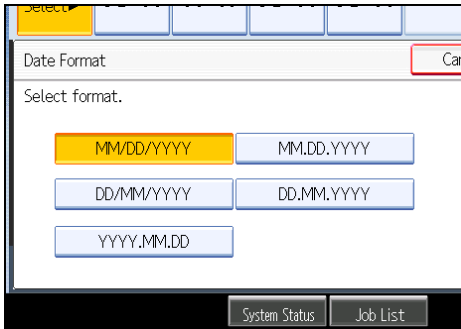
- p.229 "Stamp"

Changing the format of date

Changes the format of date.

1. Press **[Change Format]** under **Current Date**.

2. Select the date format, and then press [OK].

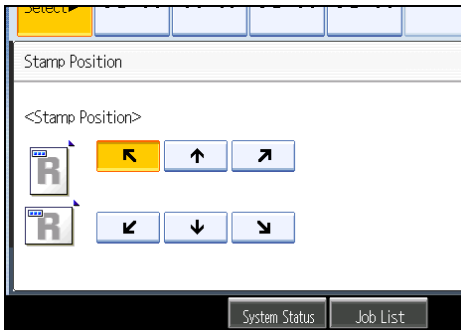


4

Changing the date stamp position

Changes the stamp position.

1. Press [Change] under Stamp Position.
2. Select the stamp position, and then press [OK].



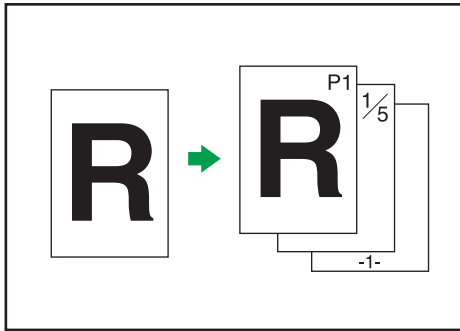
Changing the date stamp color

Changes the stamp color.

1. Press [Stamp Color] under Stamp Color.
2. Select the stamp color, and then press [OK].

Page Numbering

Use this function to print page numbers on your copies.



BZH115

★ Important

- You cannot use the bypass tray with this function.

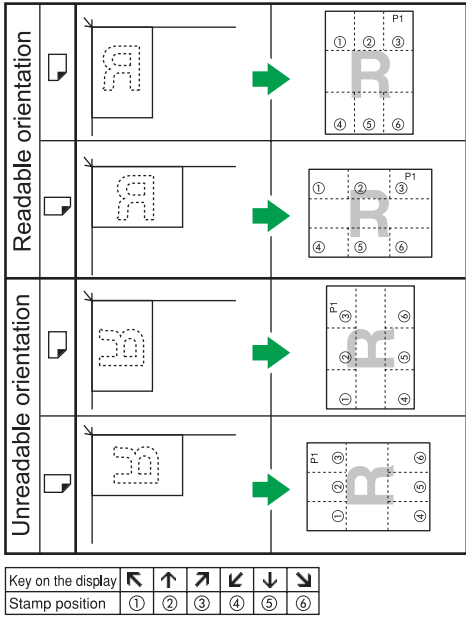
Page number formats

There are six formats available for page numbering.

- P1,P2...
- 1/5,2/5...
- -1,-2-...
- P.1,P.2...
- 1,2...
- 1-1,1-2...

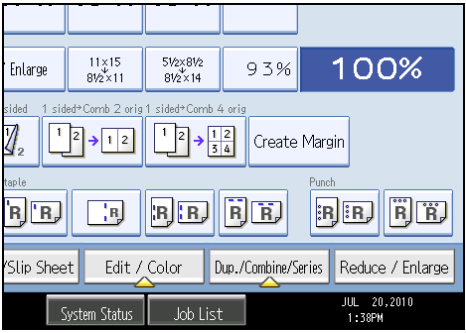
Stamp position and original orientation

The page stamp positions differ according to the orientation in which you place the originals.



BZK024

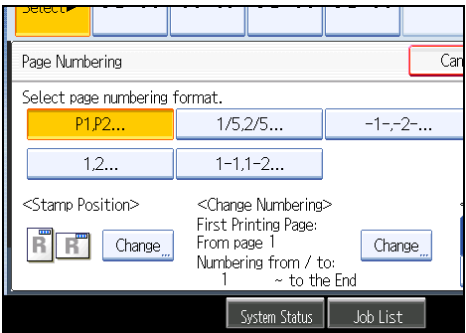
1. Press [Edit / Color].



2. Press [Stamp].

3. Press [Page Numbering].

4. Select the page numbering format.



You can change the stamp color, position, pages to be stamped, and numbering.

5. After making all settings, press [OK].

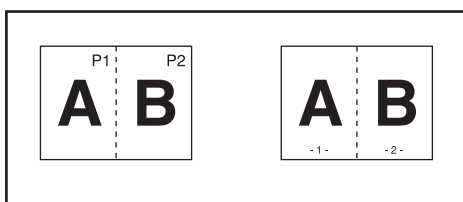
6. Press [OK].

Note

- The default color is black.
- You can change the settings for Page Numbering under Stamp in User Tools. For details about Stamp, see "Stamp".
- You can change the stamp position if Combine or Duplex is specified for use with this function under Duplex Back Page Stamping Position or Page Numbering in Combine in User Tools. For details about these settings, see "Stamp".
- When Page Numbering is used with Combine, Magazine, or Booklet function, page numbers are printed as follows:

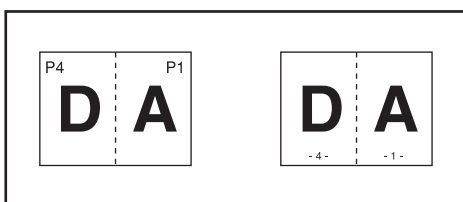
- Per Original is selected in Page Numbering in Combine:

With 1 Sided/2 Sided using the Combine function



BZH170

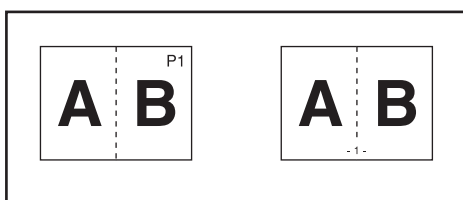
With the Magazine or Booklet function



BZH171

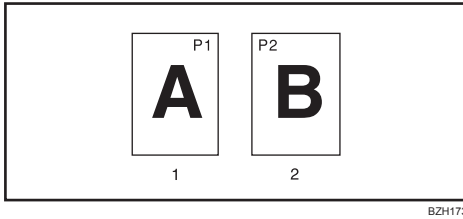
- Per Copy is selected in Page Numbering in Combine:

With 1 Sided/2 Sided using the Combine function



BZH172

- If you combine this function with the Duplex (Top to Top) function and select [P1,P2...] or [1/5,2/5...], page numbers on the back are printed as follows:



1. Front
2. Back

Reference

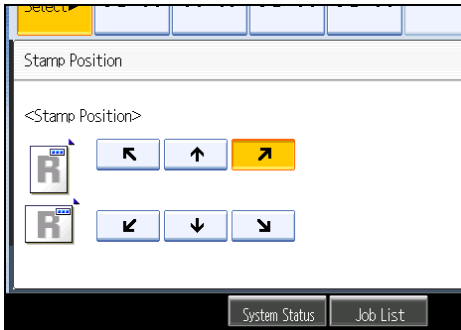
- p.229 "Stamp"

4

Changing the stamp position

Changes the stamp position.

1. Press [Change] under Stamp Position.
2. Select the stamp position, and then press [OK].



Changing the stamp color

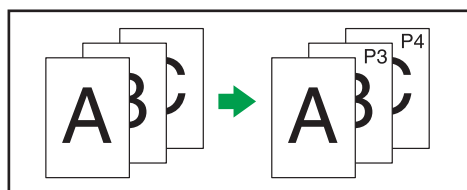
Changes the stamp color.

1. Press [Stamp Color] under Stamp Color.
2. Select the stamp color, and then press [OK].

Specifying the first printing page and start number ("P1,P2...", "-1,-2-...", "P.1,P.2...", "1,2...")

Specify the first printing page and start number.

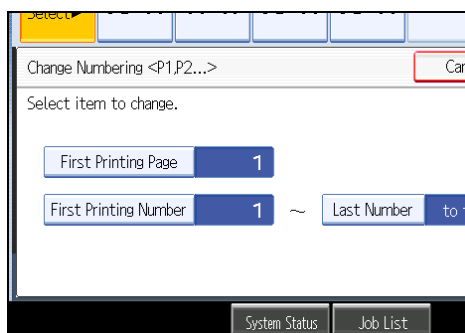
The example below shows when the first printing page is "2" and the start number is "3".



BZH117

In the following procedure, "P1,P2..." is selected, but the procedure is the same regardless of the format you select.

1. Press [Change] under Change Numbering.
2. Press [First Printing Page], enter the original sheet number from which to start printing, and then press [#].



3. Press [First Printing Number], enter the number of page from which to start numbering with the number keys, and then press [#].
4. Press [Last Number], enter the number of the page at which to stop numbering with the number keys, and then press [#].

If you want to number all pages to the end, press [to the End].

To change the number entered, press [Clear] and then enter a new number.

5. After making all settings, press [OK].
6. Press [OK] twice.

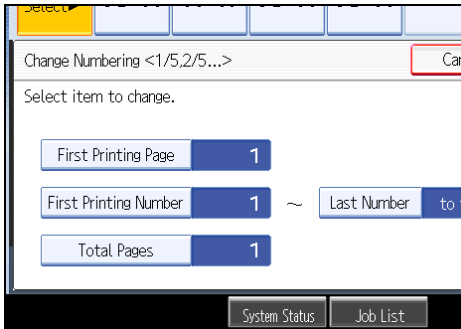
↓ Note

- The last number is the last page number to print. For example, if Total Pages is ten, when you want to print up to seven pages and do not want to print from page 8 on, enter "7" for Last Number. Normally, you do not need to enter the number.
- You can set a value from 1 to 9999 for [First Printing Page], [First Printing Number], and [Last Number].

Specifying the first printing page and start number ("1/5,2/5...")

Specify the first printing page and start number.

1. Press [Change] under Change Numbering.
2. Press [First Printing Page], enter the original sheet number from which to start printing, and then press [#].



3. Press [First Printing Number], enter the number of page from which to start numbering with the number keys, and then press [#].
4. Press [Last Number], enter the number of page at which to stop numbering with the number keys, and then press [#].

If you want to number all pages to the end, press [to the End].

5. Press [Total Pages], enter the total number of original pages with the number keys, and then press [#].

To change the number entered, press [Clear] and then enter a new number.

6. After making all settings, press [OK].
7. Press [OK] twice.

↓ Note

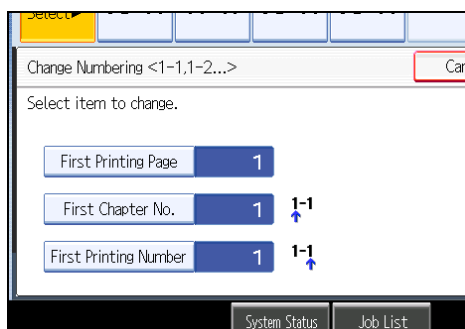
- The last number is the last page number to print. For example, if Total Pages is ten, when you want to print up to seven pages and do not want to print from page 8 on, enter "7" for Last Number. Normally, you do not need to enter the number.
- You can set a value from 1 to 9999 for [First Printing Page], [First Printing Number], [Last Number], and [Total Pages].

Specifying the first printing page and start number ("1-1, 1-2...")

Specify the first printing page and start number.

1. Press [Change] under Change Numbering.

2. Press [First Printing Page], enter the original sheet number from which to start printing, and then press [#].



3. Press [First Chapter No.], enter the chapter number from which to start numbering with the number keys, and then press [#].
4. Press [First Printing Number], enter the page number from which to start printing with the number keys, and then press [#].
5. After making all settings, press [OK].
6. Press [OK] twice.

Note

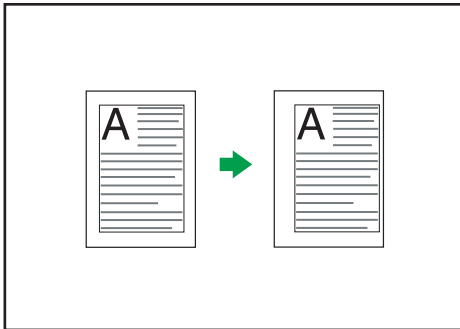
- You can set a value from 1 to 9999 for [First Printing Page], [First Chapter No.], and [First Printing Number].
- To change the value you entered, press [Clear], and then enter the new value.

Advanced Copier Functions

This section describes the machine's advanced copy functions.

Margin Adjustment

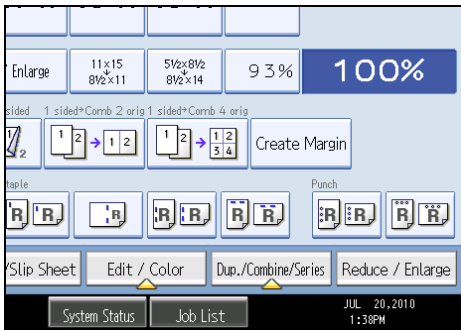
Copies originals leaving a binding margin.



BZH122

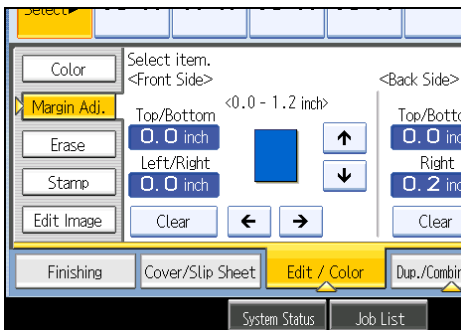
4

1. Press [Edit / Color].



2. Make sure that [Margin Adj.] is selected. If [Margin Adj.] is not selected, press [Margin Adj.].

3. Specify a binding margin for the front side pages.



4. Specify a binding margin for the back side pages. Then press [OK].

If you do not need to specify the margins for the back side pages, press [OK].

Note

- To change the value you entered, press [←], [→], [↓] or [↑], or press [Clear], and then specify a new value.
- Press [↓] and [↑] to set the top or bottom position. Press [←] and [→] to set the left or right position.
- You can set the binding margin up to 30 mm (1.2 inches) in 1 mm (0.1 inch) increments.
- Margin on the back side of the page is valid when 1 Sided → 2 Sided or Combine 2 Sides is selected.
- You can change the settings for Margin Adjustment under Edit in User Tools. For details about Edit, see "Edit".
- If you set a binding margin that is too wide, part of the image may not be copied.
- When making copies in Combine mode, the binding margin is added to the copies after the combination is finished.

Reference

- p.225 "Edit"

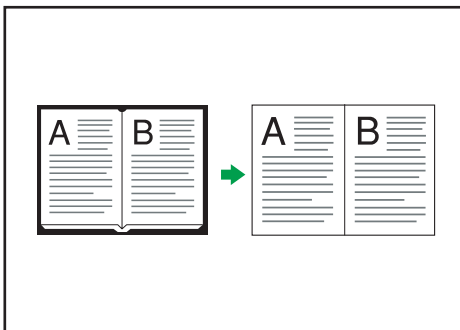
Erase Center / Border

This function erases the center and/or all four sides of the original image.

This function has the following three types:

Erase Border

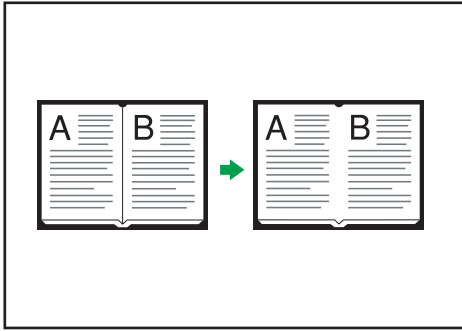
Erases the edge margin of the original image.



BZH123

Erase Center

Erases the center margin of the original image.

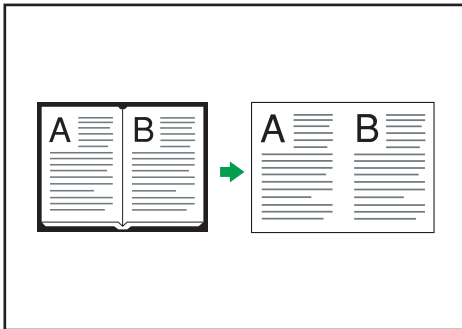


BZH124

Erase Center / Border

Erases both the center and edge margins of the original image.

4



BZH125

Note

- The relationship between the original orientation and the erased part is as follows:

Original	Original
<p style="text-align: center;">BZH126</p>	<p style="text-align: center;">BZK065</p>

- Erased part
 - 2 - 99 mm (0.1 - 3.9 inches)
- The erase width is set to 10 mm (0.4 inch) as a default. You can change this setting under Edit in User Tools. For details about Edit, see "Edit".
 - The width of the erased margin varies depending on the reproduction ratio.

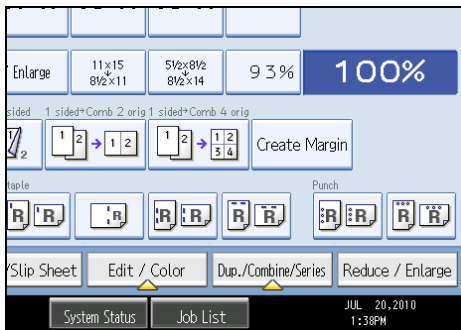
Reference

- p.225 "Edit"

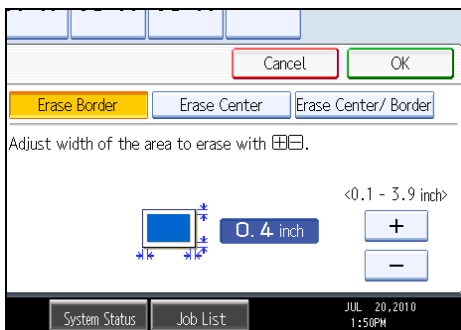
Erase Border (same width)

Erases the edge margin of the original image.

1. Press [Edit / Color].



2. Press [Erase].
3. Press [Erase Center / Border].
4. Press [Erase Border].
5. Press [Same Width].
6. Specify an erase border width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

7. Press [OK] twice.

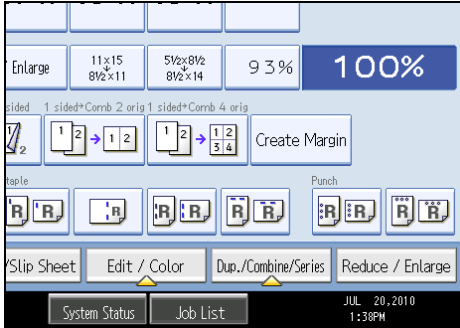
Note

- To change the value you entered, press [+] and [-], and then specify a new value.

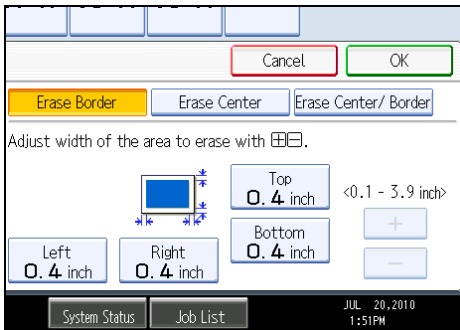
Erase Border (different width)

Erases the edge margins of the original image.

1. Press [Edit / Color].



2. Press [Erase].
3. Press [Erase Center / Border].
4. Press [Erase Border].
5. Press [Different Width].
6. Press the key you want to change and specify an erase width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

To specify another erase width, repeat step 6.

7. Press [OK] twice.

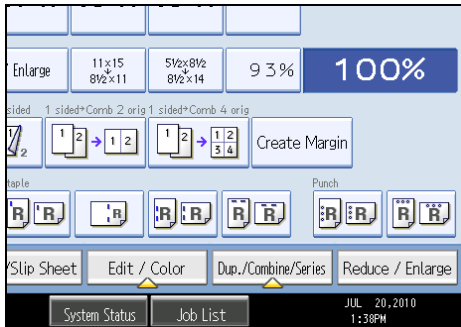
Note

- To change the value you entered, press [+] and [-], and then specify a new value.

Erase Center

Erases the center margin of the original image.

1. Press [Edit / Color].

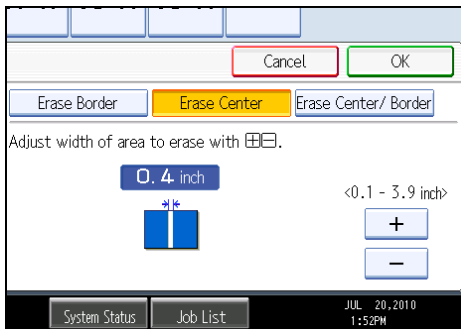


2. Press [Erase].

3. Press [Erase Center / Border].

4. Press [Erase Center].

5. Specify the erase width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

6. Press [OK] twice.

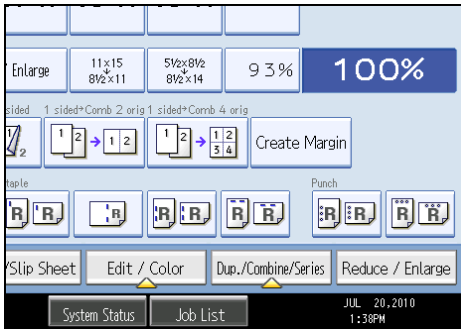
↓ Note

- To change the value you entered, press [+] and [-], and then specify a new value.

Erase Center / Border (same width)

Erases both the center and edge margins of the original image.

1. Press [Edit / Color].



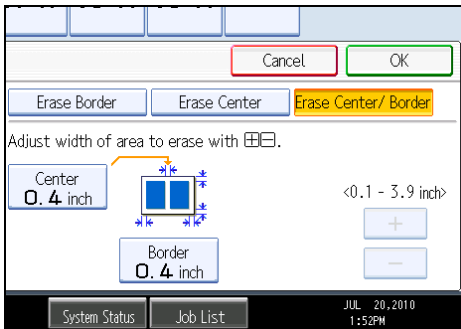
2. Press [Erase].

3. Press [Erase Center / Border].

4. Press [Erase Center / Border].

5. Press [Same Width].

6. Press [Center], and then specify the erase width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

7. Press [Border], and then specify the erase width with [+] and [-].

8. Press [OK] twice.

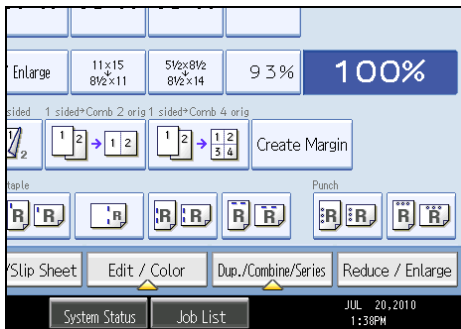
Note

- To change the value you entered, press [+] and [-], and then specify a new value.

Erase Center / Border (different width)

Erases both the center and edge margins of the original image.

1. Press [Edit / Color].



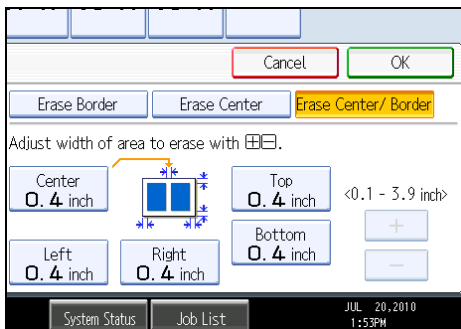
2. Press [Erase].

3. Press [Erase Center / Border].

4. Press [Erase Center / Border].

5. Press [Different Width].

6. Press the key you want to change and specify an erase width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

To specify another erase width, repeat step 6.

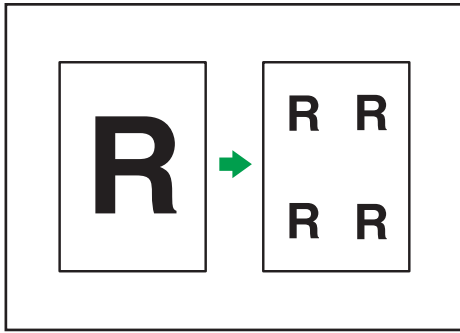
7. Press [OK] twice.

Note

- To change the value you entered, press [+] and [-], and then specify a new value.

Image Repeat

The original image is copied repeatedly.



BZH131

There are two ways to specify an image to be repeated.

4

Whole Area Repeat

Repeatedly copies the entire image.

Specified Area Repeat

Repeatedly copies a specified area of the image.

Note

- You can change the settings for Image Repeat under Edit in User Tools. For details about Edit, see "Edit".
- Depending on the paper size, ratio, and orientation, parts of repeated images may not be copied.

Reference



- p.225 "Edit"

Whole Area Repeat




Repeatedly copies the entire image.

The number of repeated images depends on the original size, paper size, and reproduction ratio. For example, see the following table:

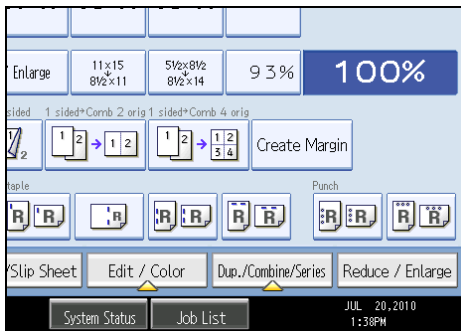
Original: A5 / Copy paper: A4, Original: A5 / Copy paper: A4, Original: 5 1/2 x 8 1/2 / Copy paper: 8 1/2 x 11, or Original: 5 1/2 x 8 1/2 / Copy paper: 8 1/2 x 11

4 repeats (71 %)	16 repeats (35 %)
 <p>BAT096S</p>	 <p>BAT096S</p>

Original: A5□/Copy paper: A4□, Original: A5□/Copy paper: A4□, Original: 5¹/₂ × 8¹/₂□/ Copy paper: 8¹/₂ × 11□, or Original: 5¹/₂ × 8¹/₂□/ Copy paper: 8¹/₂ × 11□

2 repeats (100 %)	8 repeats (50 %)	32 repeats (25 %)
 BAT086S	 BAT087S	 BAT088S

1. Select the size of copy paper and the reproduction ratio.
2. Press [Edit / Color].



3. Press [Edit Image].
4. Press [Image Repeat].
5. Make sure that [Whole Area] is selected, and then press [OK].
6. Press [OK].

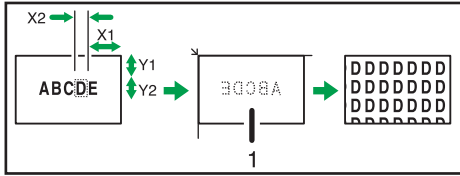
Specified Area Repeat

Repeatedly copies a specified portion of the image.

★ Important

- You cannot use this function from the ADF.
- If Margin Adjustment is selected, cancel the setting.

To specify the area you want to repeat, you have to define the value of X1, Y1, X2, and Y2 on the original. Measure the area you want to specify before entering the area settings.



BZK066

1. Set the original on the exposure glass

X1: 0 - 412 mm (0 - 16.2 inches)

X2: 20 - 432 mm (0.8 - 17.0 inches)

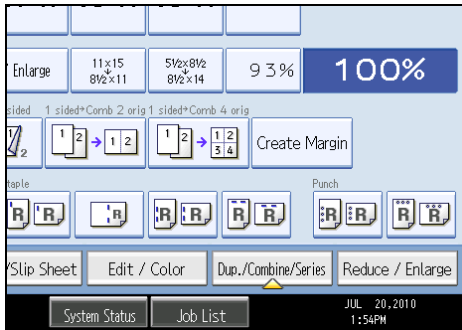
Y1: 0 - 277 mm (0 - 10.8 inches)

Y2: 20 - 297 mm (0.8 - 11.6 inches)

4

1. Select the size of copy paper and the reproduction ratio.

2. Press [Edit / Color].

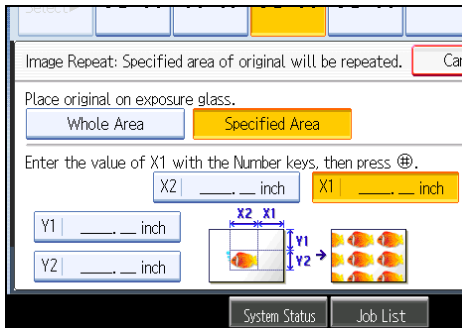


3. Press [Edit Image].

4. Press [Image Repeat].

5. Press [Specified Area].

6. Enter the length of [X1] with number keys, and then press [#].



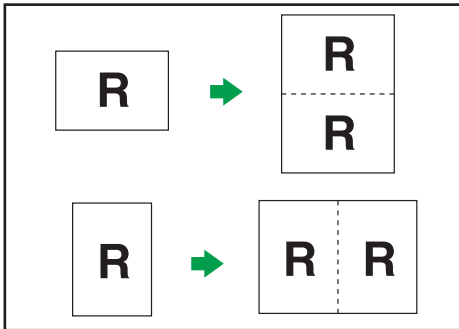
7. Enter the length of [Y1] with the number keys, and then press [#].

8. Enter the length of [X2] with the number keys, and then press [#].

9. Enter the length of [Y2] with the number keys, and then press [#].
10. Press [OK] twice.

Double Copies

One original image is copied twice on one sheet.



BZH133

★ Important

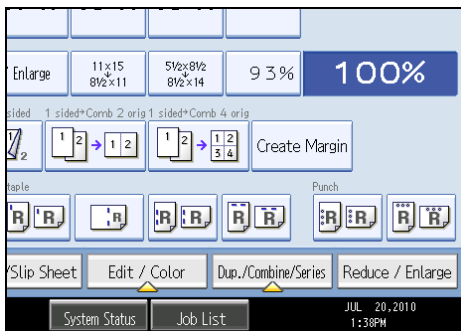
- You cannot use the bypass tray with this function.
- The following original size cannot be detected properly on the exposure glass. Be sure to select the copy paper manually or place the originals in the ADF.
 - $5\frac{1}{2} \times 8\frac{1}{2}$ □, 10×14 □, $7\frac{1}{4} \times 10\frac{1}{2}$ □, A3 □, A4 □ □

See the following table for original and copy paper sizes when using a 100% ratio:

Original size and Orientation	Copy paper size and Orientation
$5\frac{1}{2} \times 8\frac{1}{2}$ □	$8\frac{1}{2} \times 11$ □
$5\frac{1}{2} \times 8\frac{1}{2}$ □	$8\frac{1}{2} \times 11$ □
$8\frac{1}{2} \times 11$ □	11×17 □

BZH135

1. Press [Edit / Color].



2. Press [Edit Image].
3. Press [Double Copies].
4. Press [OK].
5. Select the paper size.

Note

- You can change the settings for Double Copies under Edit in User Tools. For details about Edit, see "Edit".

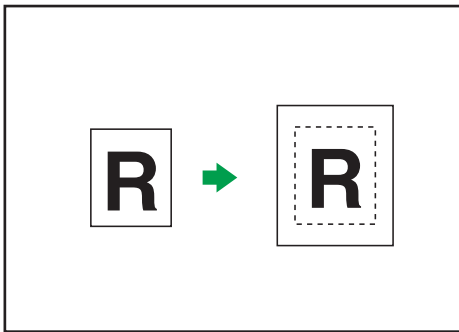
Reference

- p.225 "Edit"

4

Centering

You can make copies with the image moved to the center of the copy paper.



BZH136

Important

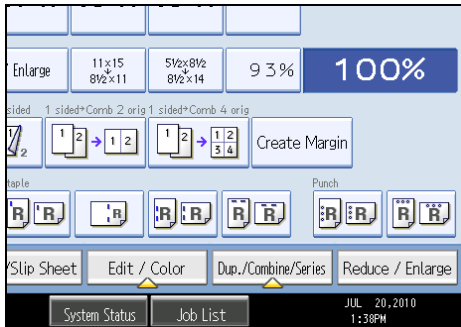
- You cannot use the bypass tray with this function.

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

Original location	Original size and orientation
Exposure glass	11 × 17□, 8 ¹ / ₂ × 14□, 8 ¹ / ₂ × 11□□, 5 ¹ / ₂ × 8 ¹ / ₂ □
ADF	11 × 17□, 8 ¹ / ₂ × 14□, 8 ¹ / ₂ × 11□□, 5 ¹ / ₂ × 8 ¹ / ₂ □□, 10 × 14□, 7 ¹ / ₄ × 10 ¹ / ₂ □, A3□, A4□□

1. Select the paper size.

2. Press [Edit / Color].



3. Press [Edit Image].

4. Press [Centering].

5. Press [OK].

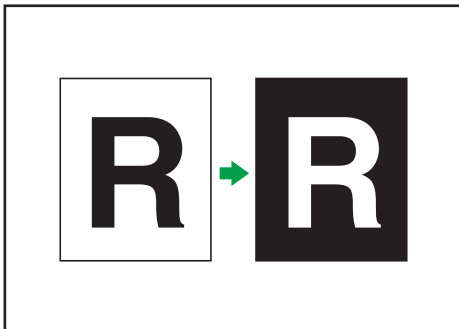
↓ Note

- Though the original is set to a different orientation from the paper loaded, the machine will not rotate the image by 90 degrees (Rotate copy).

Positive/Negative

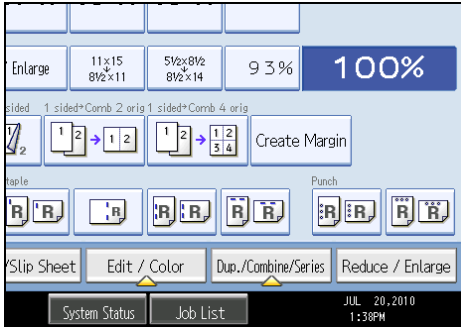
Copies an image inverted.

If your original is black and white, copy images are inverted. If your original is color, the density, darkness and brightness of each color will be reversed and inverted to complimentary colors.



BZH137

1. Press [Edit / Color].



2. Press [Edit Image].

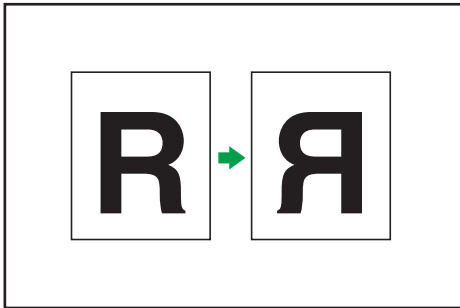
3. Press [Positive/Negative].

4. Press [OK].

4

Mirror Image

Copies by reversing the image from left to right, as reflected in a mirror.

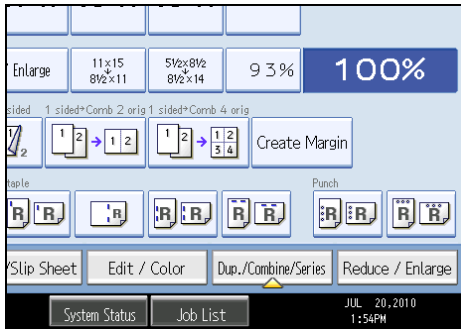


BZH138

★ Important

- If Margin Adjustment is selected, cancel the setting.

1. Press [Edit / Color].



2. Press [Edit Image].

3. Press [Mirror Image].

4. Press [OK].

Series Copies

Separately copies the front and back of a 2-sided original or the two facing pages of a bound original onto two sheets.

★ Important

- You cannot use the Book → 1 Sided function from the ADF.

The following table shows the paper sizes for Book → 1 Sided when the reproduction ratio is 100%:

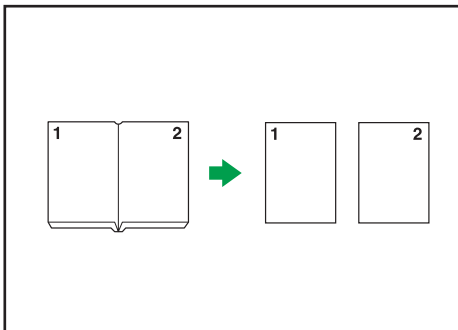
Original	Paper for 1-sided copy
11 × 17	8 1/2 × 11 × 2 sheets
8 1/2 × 11	5 1/2 × 8 1/2 × 2 sheets

BZH141

There are two types of Series Copies.

Book → 1 Sided

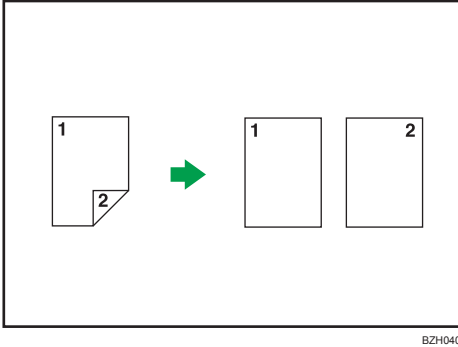
You can make 1-sided copies from two facing pages of a bound original (book).



BZH039

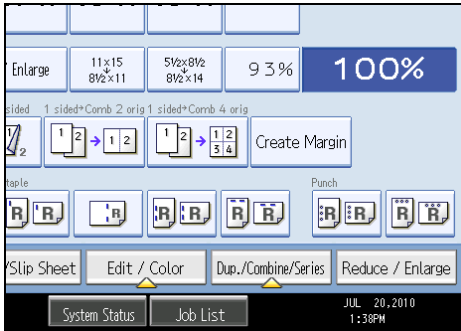
2 Sided → 1 Sided

You can make 1-sided copies from 2-sided originals.



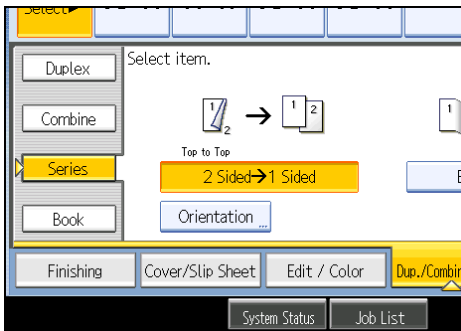
4

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



2. Press [Series].

3. Select [2 Sided → 1 Sided] or [Book → 1 Sided], and then press [OK].



If you specified [2 Sided → 1 Sided], you can specify the orientation. For details, see “Originals and Copy Orientation”.

↓ Note

- When placing originals on the exposure glass or in the ADF using Batch mode, press the [#] key after all originals have been scanned.

Reference

- p.65 "Originals and Copy Orientation"

Booklet/Magazine

Copies two or more originals in page order.

Important

- The following functions cannot be used with the bypass tray: 1 Sided → Booklet, 2 Sided → Booklet, 1 Sided → Magazine, and 2 Sided → Magazine

The following table shows the paper sizes for Book → 2 Sided when the reproduction ratio is 100%:

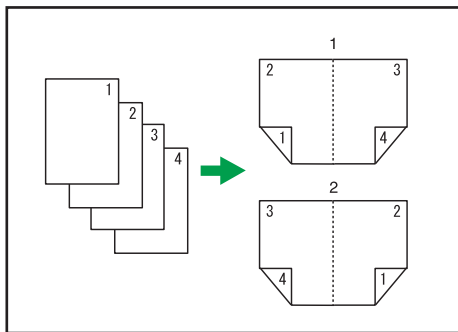
Original	Paper
11 × 17 □	8 ¹ / ₂ × 11 □ (2-sided)
8 ¹ / ₂ × 11 □	5 ¹ / ₂ × 8 ¹ / ₂ □ (2-sided)

BZH143

There are six types of Booklet/Magazine.

1 Sided → Booklet

Make copies in page order for a folded booklet as shown.

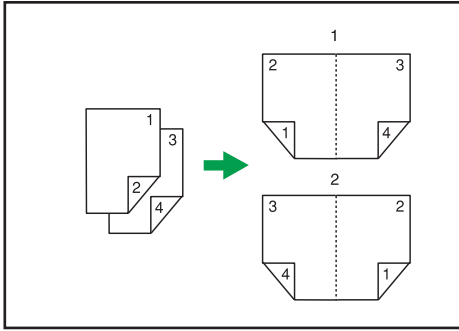


BZH035

1. Open to left
2. Open to right

2 Sided → Booklet

Make 2-sided originals to copies in page order for a folded booklet as shown.

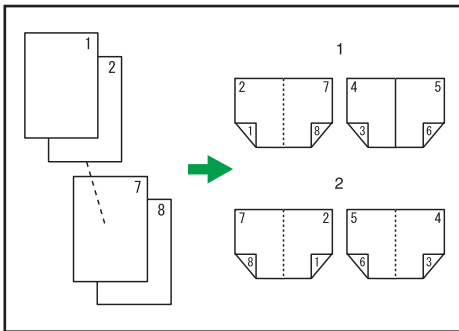


BZH036

1. Open to left
2. Open to right

1 Sided → Magazine

Copies two or more originals to make copies in page order when they are folded and stacked.

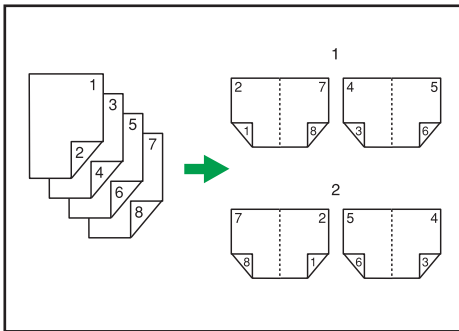


BZH037

1. Open to left
2. Open to right

2 Sided → Magazine

Copies two or more originals of 2-sided to make copies in page order when they are folded and stacked.

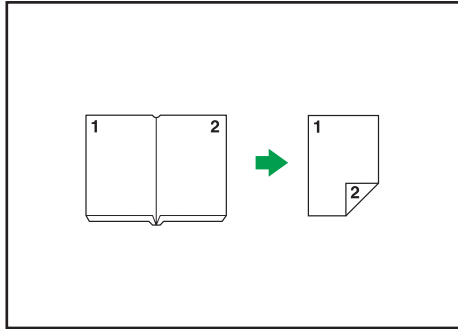


BZH038

1. Open to left
2. Open to right

Book → 2 Sided

Copies a two-page spread original onto one sheet with one page per side.

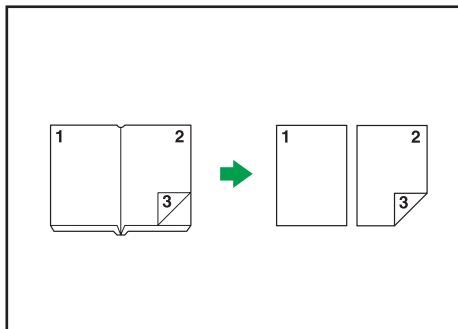


BZH041

4

Front&Back → 2 Sided

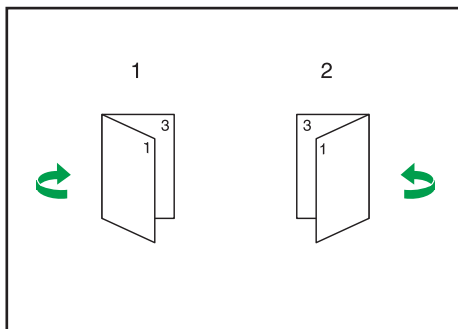
Copies each two-page spread original as it is onto both sides of a sheet.



BZH042

How to fold and unfold copies to make a booklet

Fold a copy along the centerline, and open.



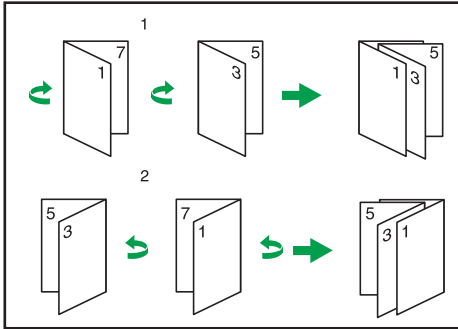
BZH144

1. Open to left

2. Open to right

How to fold and unfold copies to make a magazine

Fold and stack copies to make a magazine, and open.

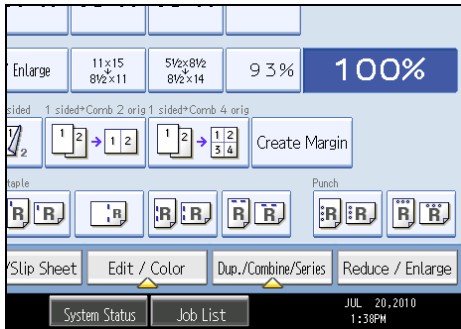


BZH145

1. Open to left

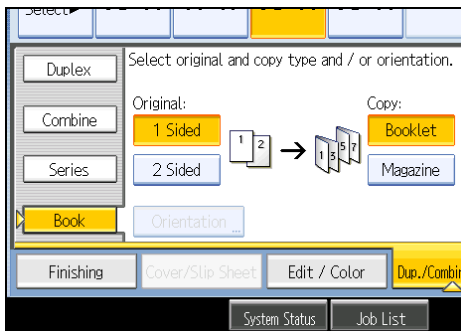
2. Open to right

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



2. Press [Book].

3. Select a book type separately for the original ([1 Sided] or [2 Sided]) and copy ([Booklet] or [Magazine]), or select a book type from [Book → 2 Sided] and [Front&Back → 2 Sided].



If you specified [2 Sided] for the original, [Book → 2 Sided], or [Front&Back → 2 Sided], you can specify the orientation of originals or copies. For details, see "Originals and Copy Orientation".

4. Select the paper size.

5. Press [OK].

Note

- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- The default setting for the orientation of Booklet and Magazine is [Open to Left]. You can change the default under Orientation: Booklet, Magazine in User Tools. For details, see "Edit".
- In the Booklet or Magazine mode, the machine sets the reproduction ratio automatically to meet the paper size and copies the originals together onto the paper.
- The machine selects reproduction ratios of between 25 and 400%.
- If the calculated ratio is under the minimum ratio, it is automatically adjusted to within available range. However, with some ratios, parts of the image might not be copied.
- If the orientation of originals is different from that of the copy paper, the machine will automatically rotate the image by 90 degrees to make copies properly.
- You cannot copy with originals different in size and orientation.
- If the number of originals scanned is less than a multiple of 4, the last page is copied blank.
- In Magazine mode, the copying may take some time after scanning originals.
- When the booklet finisher is installed, if you select Staple: Center in Magazine mode, the machine staples and folds the paper in the center, then delivers the paper folded.

Reference

- p.225 "Edit"

Covers

You can use this function to create cover sheets by adding additional pages of different paper, or copying existing pages onto different paper.

Important

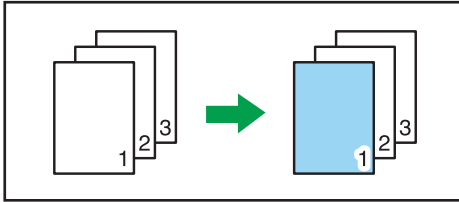
- **Before using this function, select the trays for covers under Cover Sheet Tray in Tray Paper Settings. For details, see "System Settings", Network and System Settings Reference.**
- **You cannot specify the bypass tray as the Main Sheet Tray.**
- **When selecting [Copy], select whether the front and back covers are copied 1-sided or 2-sided.**

The Covers function includes Front Cover and Front/Back Cover.

Front Cover

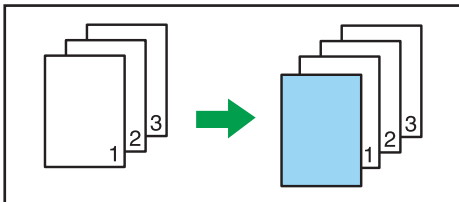
This function copies the first page of an original onto paper that has been specified for covers, or places a cover sheet before the first copy page.

- Copy



BZH147

- Blank

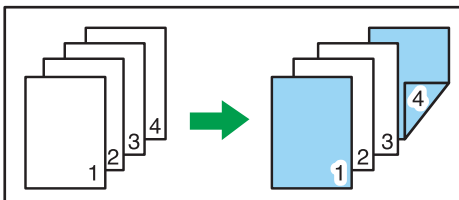


BZH148

Front/Back Cover

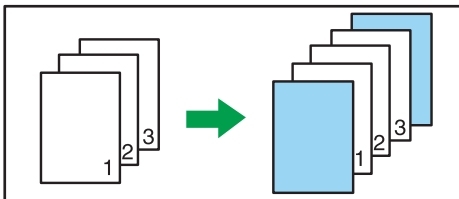
This function copies the first and last pages of an original onto paper that has been specified for covers, or places a cover sheet before the first copy page and after the last copy page.

- Copy



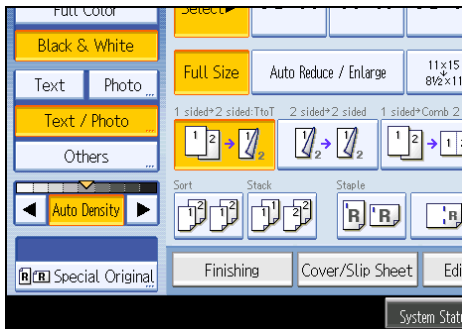
BZK036

- Blank

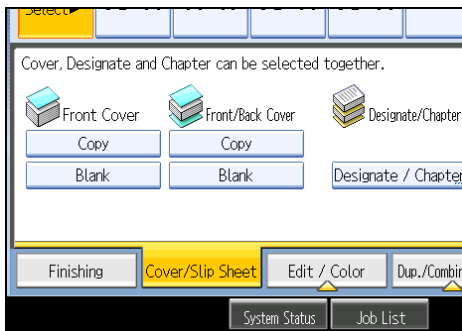


BZK037

1. Press [Cover/Slip Sheet].



2. Select [Copy] or [Blank] for the cover sheet, and then press [OK].



3. Select the main sheet tray that contains the paper to copy the originals.

Note

- You cannot specify both Front Cover and Front/Back Cover at the same time.
- The cover sheets should be the same size and orientation as the main sheets.
- You can make a combined copy on the front cover sheet. For details about Front Cover Copy in Combine, see "Edit".
- If Blank mode is selected, the cover will not be counted as a copy.
- The settings made under Cover Sheet Tray in User Tools determine whether or not the front and back covers are duplex printed.
 - At Mode Selected... Settings made in Cover Sheet Tray will take priority.
 - Full Time... Settings made in Paper Type will take priority.

For details, see "System Settings", Network and System Settings Reference.

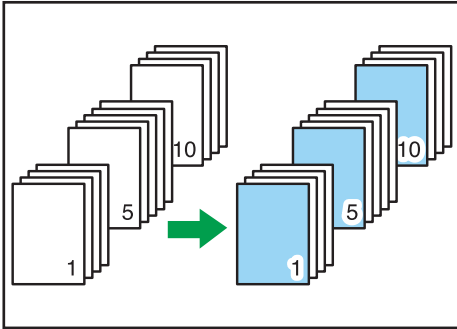
Reference

- p.225 "Edit"

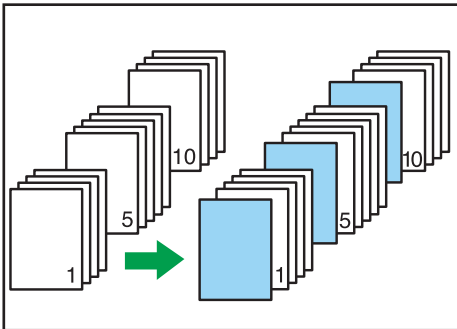
Designate

Use this function to have certain pages of your original copied onto designation sheets or to insert a designation sheet for each page specified.

- Copy



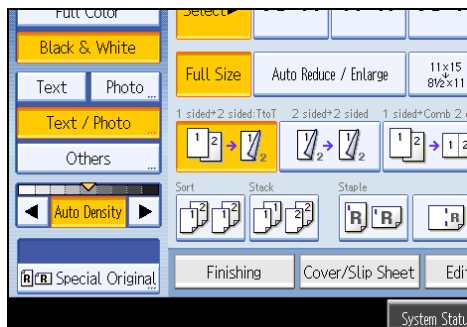
- Blank



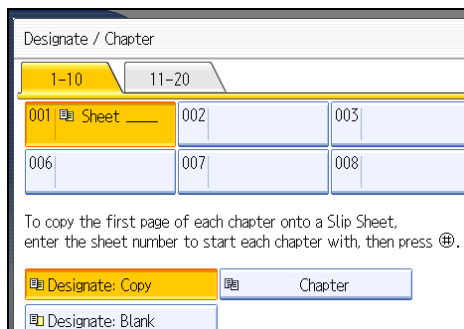
★ Important

- You cannot specify the bypass tray as the Main Sheet Tray.
- Before using this function, select the tray for designation sheets under Slip Sheet Tray in User Tools. For details, see "System Settings", Network and System Settings Reference.

1. Press [Cover/Slip Sheet].



2. Press [Designate / Chapter].
3. Select [Designate: Copy] or [Designate: Blank].
4. Press the key to select the chapter number.



To select pages 11 to 20 (chapter), press [11-20].

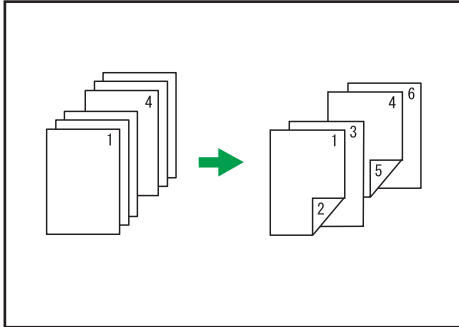
5. Enter the page location of the first page of the chapter with the number keys, and then press the [#] key.
6. To specify another page location, repeat steps 3 to 5.
Up to 20 locations can be specified.
7. Select the main sheet tray that contains the paper to copy the originals.
8. After making all settings, press [OK] twice.

↓ Note

- To change the value you entered, press the key you want to change, and then enter a new value.
- When placing the designation sheets in the bypass tray, it should be the same size and orientation as the main sheets.
- If you select [Designate: Blank], the specified pages will be excluded from the copy count.
- When Duplex (1 Sided → 2 Sided) has been selected, specified pages will always be copied on the front of copies in the same way as in Chapters mode.

Chapters

The page locations you specify with this function will appear on the front of copy sheets.

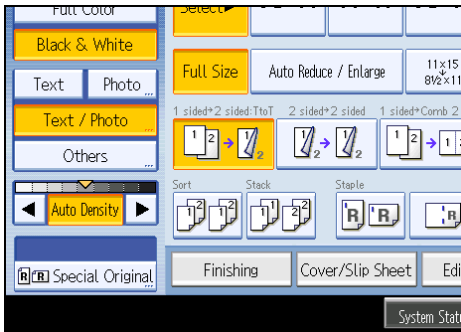


BZH1153

★ Important

- Before selecting this function, press [Dup./Combine/Series] and then select [1 Sided → 2 Sided] or [Combine].
- This function can be used only when you use the Duplex (1 Sided → 2 Sided) or Combine function.

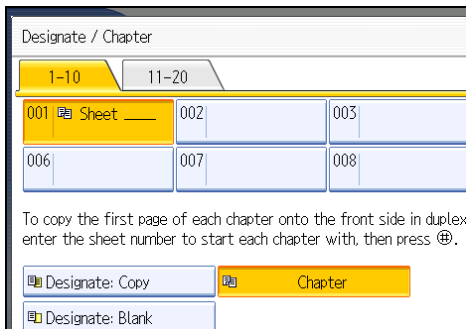
1. Press [Cover/Slip Sheet].



2. Press [Designate / Chapter].

3. Press [Chapter].

4. Press the key to select the chapter number.



To select chapters 11 to 20, press [1 1-20].

5. Enter the page location of the first page of the chapter with the number keys, and then press the [#] key.

Up to 20 locations can be specified.

6. To specify another page location, repeat steps 4 to 5.

7. Select the main sheet tray that contains the paper to copy the originals.

8. After making all settings, press [OK] twice.

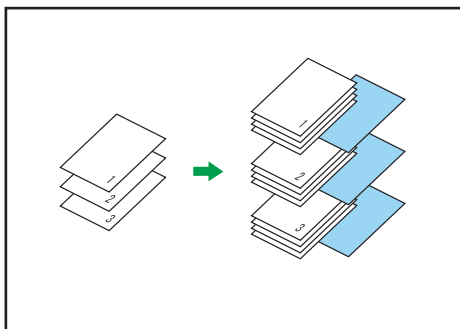
Note

- To change the value you entered, press the key you want to change, and then enter a new value.

Slip Sheet

Every time an original page changes, a slip sheet is inserted. You can also print on the inserted slip sheet.

Since a slip sheet is inserted for every page, you can protect printed surfaces. This function is useful in copying onto OHP transparencies.



BZH1156

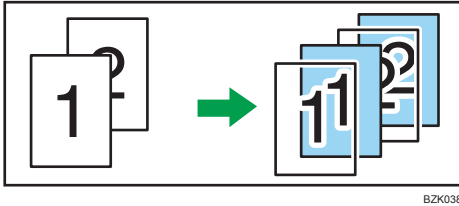
Important

- If [1 Sided → 2 Sided] is set, cancel the setting.

- Before using this function, select the tray for slip sheets under Slip Sheet Tray in Tray Paper Settings. For details, see “System Settings”, Network and System Settings Reference.

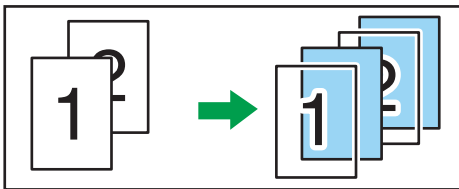
When copying onto OHP transparencies

- Copy



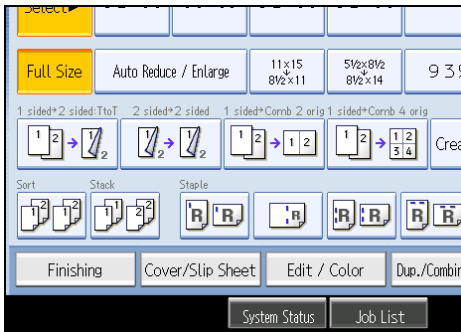
BZK038

- Blank

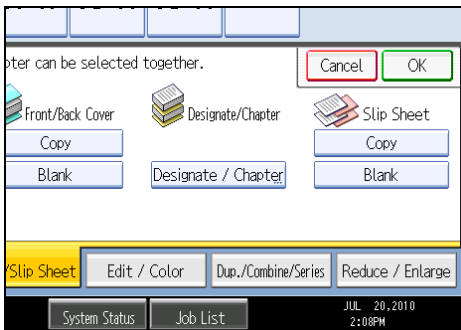


BZK039

1. Press [Cover/Slip Sheet].



2. Select [Copy] or [Blank] for the slip sheets, and then press [OK].



3. Select the main sheet tray that contains the paper to copy the originals.

When copying onto OHP transparencies, use the bypass tray.

Note

- When setting OHP transparencies on the bypass tray, press the [#] key and select [OHP (Transparency)] in Paper Type. For details, see "Copying onto OHP Transparencies or Thin Paper".
- The slip sheets should be the same size and orientation as the copy paper or the OHP transparency.
- When copying onto OHP transparencies, copy paper is output in the internal tray even if you specified a different tray.
- If you do not copy onto slip sheets, they are excluded from the number of copies counted.

Reference

- p.48 "Copying onto OHP Transparencies or Thin Paper"

5. Document Server

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

Relationship between Document Server and Other Functions

State of the Document Server varies depending on the function used.

Copier functions

- Storing method: Copy/Document Server
- List display: Available
- Printing: Available
- Transmission: Unavailable

Printer functions

- Storing method: Personal computer
- List display: Available
- Printing: Available
- Transmission: Unavailable

Facsimile functions

- Storing method: Fax
- List display: Available
- Printing: Available
- Transmission: Available

The data can be transferred by the facsimile feature. For details, see "Sending Stored Documents", Facsimile Reference.

Scanner functions

- Storing method: Scanner
- List display: Unavailable

When documents are stored with the scanner feature, you can confirm them from the scanner feature screen. For details, see "Displaying the List of Stored Files", Scanner Reference.

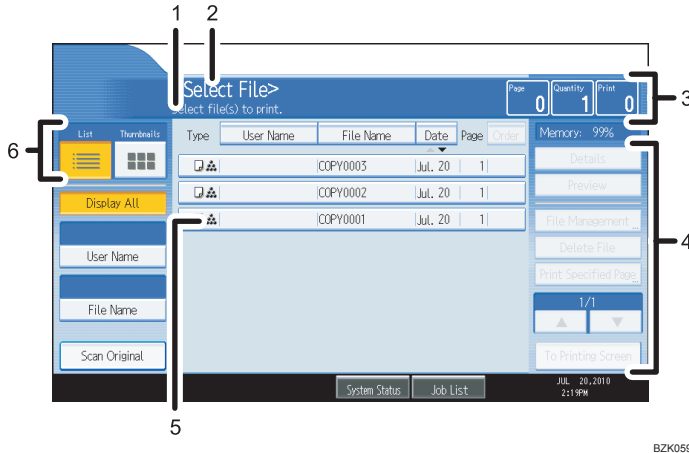
- Printing: Unavailable
- Transmission: Available

The data can be transferred by the scanner feature. For details, see "Sending a Stored File", Scanner Reference.

Document Server Display

Explains the screens and icons displayed in the Document Server function.

Document Server initial display



1. Displays operational status and messages.
2. Displays the title of the current screen.
3. Displays the numbers of originals stored into the memory, copies set, and copies made.
4. Displays keys for the operation.
5. Displays an icon that indicates the function and color mode used to store the document.
6. Displays keys for switching the display between list and thumbnails.

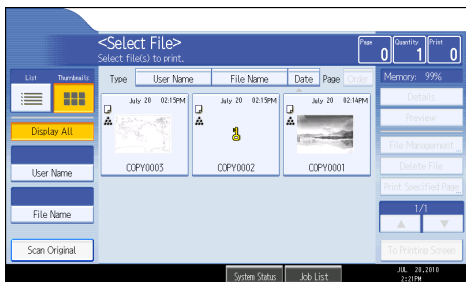
The following icons appear in the list of the Document Server to indicate the function and color mode used to store a document.

Function	Copier	Facsimile	Printer
Icons			

Color icons	Full color	Black and white
Icons		

Thumbnail screen

In thumbnail view, miniature images of the stored documents are displayed. This is useful for checking a document's content.



Note

- All the stored documents may not be displayed depending on the security function specified.

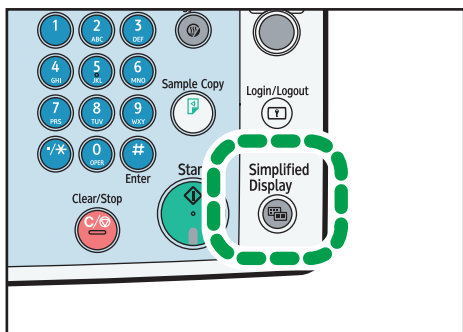
Simplified Display

This section explains how to switch to the simplified display.

When you press the [Simplified Display] key, the screen changes from the initial display to the simplified display.

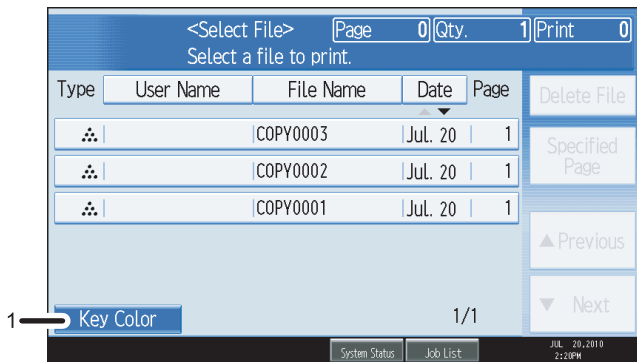
Letters and keys are displayed at a larger size, making operations easier.

5



CAS097

Simplified Document Server Screen



BZK060

1. [Key Color]

Press to increase screen contrast by changing the color of the keys.

This is available only for the simplified display.

↓ Note

- To return to the initial display, press the [Simplified Display] key again.
- Certain keys do not appear on the simplified display.

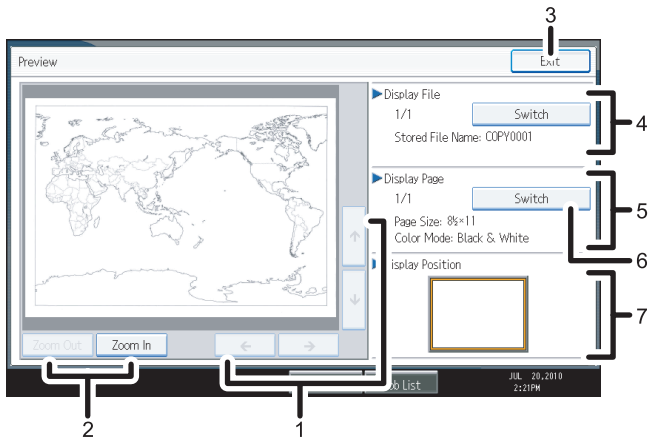
Preview Display

This section explains the items that appear on the preview display and how to preview stored documents.

To preview stored documents, select the documents you want to preview on the Document Server initial display, and then press [Preview]. The preview display denotes the screen that allows confirming contents of the scanned documents.

5

Preview Display



BZK061

1. [←][→][↑][↓]

Moves the display area in the direction indicated by the arrow.

2. [Zoom Out], [Zoom In]

Scales the displayed page down or up.

3. [Exit]

Closes the preview display.

4. Display File

Displays the file name.

If you have selected two or more files for preview, press [Switch] to switch between them.

5. Display Page

Displays the number of the currently displayed page, total number of pages, and page size.

6. [Switch]

Flips the page of the selected file.

7. Display Position

Indicates the location of the displayed preview image when the image is enlarged.

↓ Note

- When the preview is already selected from another function, the preview screen function may become unusable.
- The preview display is also not available when the paper size is larger than A3. If the image file is corrupt, store it again.

Using the Document Server

The following describes how to use the Document Server.

Storing Data

The following describes the procedure for storing documents on the Document Server.

★ Important

- Data stored in the machine might be lost if some kind of failure occurs. The manufacturer shall not be responsible for any damage resulting from loss of data.
- Be careful not to let anyone know your password, especially when entering a password or recording it. Keep any record of your password in a secure place.
- Avoid using a single number or consecutive numbers for a password such as "0000" or "1234", since the numbers like this are easy to guess, so using them will not provide a worthwhile level of security.
- 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 [Clear Modes] 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 turning on the fax transmission or scanning by the scanner, make sure that all other operations are ended.

File Name

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

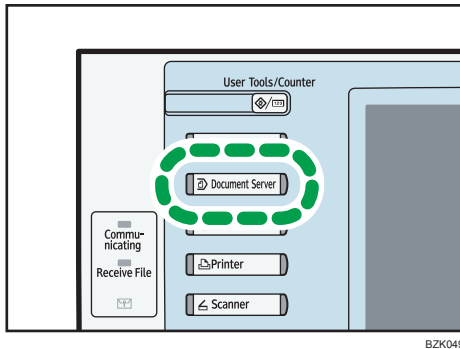
User Name

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.

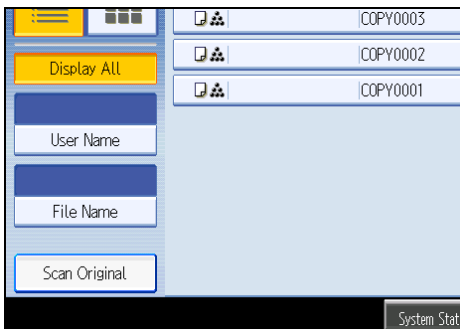
Password

To prevent unauthorized printing, you can set a password for any stored document. A protected document can only be accessed if its password is entered. If a password is set for the documents, the key icon appears next to the documents.

1. Press the [Document Server] key.



2. Press [Scan Original].



3. Enter a user name, file name, and password, if necessary.

When not changing a file name, the name will be automatically set.

4. Set the original.

5. Specify the original scanning conditions.

6. Press the [Start] key.

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

↓ Note

- Enter the password in the range of four and eight digits.
- To stop scanning, press the [Clear/Stop] key. To restart a paused scanning job, press [Continue] in the confirmation display. To delete saved images and cancel the job, press [Stop]. The original placed in the ADF will be ejected.
- If a password is set, the key icon appears on the left side of the file name.
- After scanning, a list of stored documents will be displayed. If the list does not appear, press [Finish Scanning].
- Data stored in the Document Server is set to be deleted after three days (72 hours) by the factory default. You can specify the period after which the stored data is deleted automatically under Auto

Delete File in Document Server in User Tools. See “System Settings”, Network and System Settings Reference.

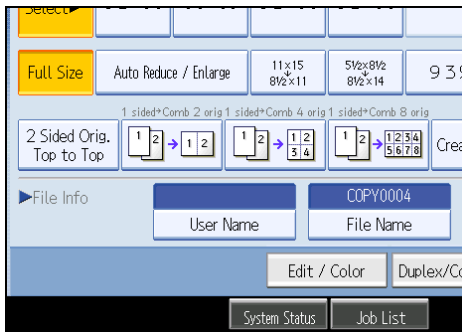
- If you do not want stored documents to be automatically deleted, select [Off] in Auto Delete File in Document Server before storing a document. If you select [On] later, data stored after will be automatically deleted.
- When storing another document in the Document Server after storing a document from the copy feature, be sure that its copy is completed.
- If the ADF cannot detect the size of an original automatically, the scan will be made at the closest available size.
- Depending on the security setting, [Access Privileges] may appear instead of [User Name]. For details about specifying [Access Privileges], consult the administrator.
- For details about how to enter text, see “Entering Text”, About This Machine.

5

Specifying a user name

You can specify a user name for the stored file.

1. Press [Scan Original].
2. Press [User Name].



A list of user names appears.

3. Select a user name, and then press [OK].

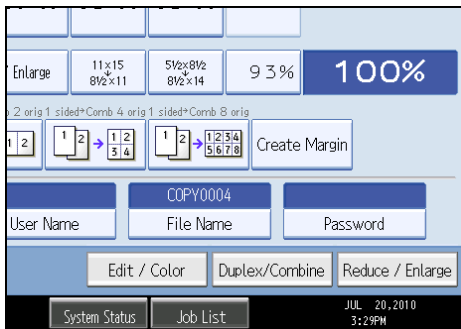
The user names shown are names that were registered in the Address Book. To specify a name not shown in the display, press [Manual Entry], and then enter a user name.

Specifying a file name

You can change the name of a stored document.

1. Press [Scan Original].

2. Press [File Name].



The soft keyboard appears.

3. Press [Delete All] to delete automatically generated document name.

Pressing [Backspace] allows you to delete up to any desired position.

4. Enter a document name, and then press [OK].

↓ Note

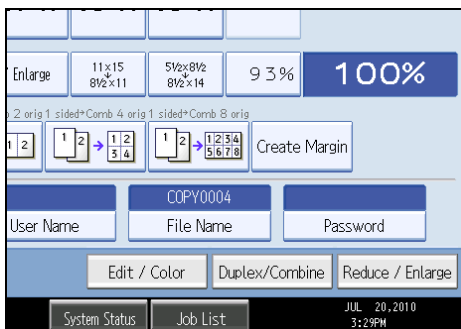
- You can enter up to 20 characters for a document name. In the list, however, up to 16 characters are displayed as the document name. If above limits are exceeded, the list will display up to 15 characters for the document name.

Specifying a password

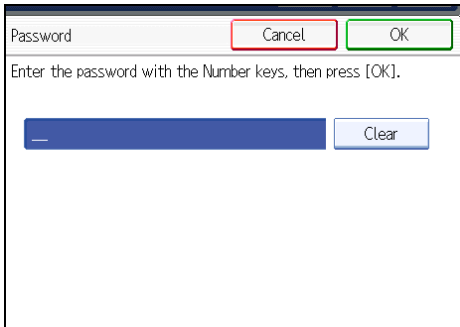
You can specify a password for the stored document.

1. Press [Scan Original].

2. Press [Password].



3. Enter a password with the number keys, and then press [OK].



You can use four to eight digits for the password.

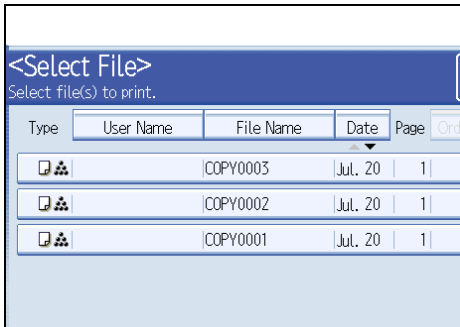
4. For double-check, enter the password again, and then press [OK].

5

Changing the User Name of a Stored Document

You can change the user name for a stored document.

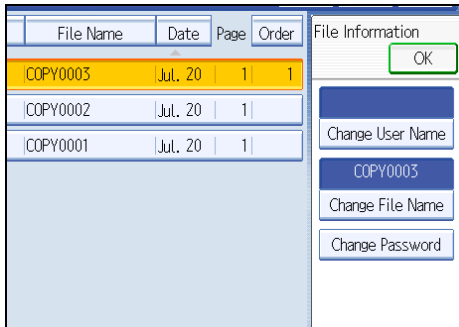
1. Select the document whose user name you want to change.



If a password is set, enter it, and then press [OK].

2. Press [File Management].

3. Press [Change User Name].



4. Enter a new user name, and then press [OK].

5. Press [OK].

Note

- To cancel the selection, press the selected (highlighted) key.
- Depending on the security setting, [Access Privileges] may appear instead of [User Name]. For details about specifying [Access Privileges], consult the administrator.
- For details about how to enter text, see “Entering Text”, About This Machine.

5

Changing the File Name of a Stored Document

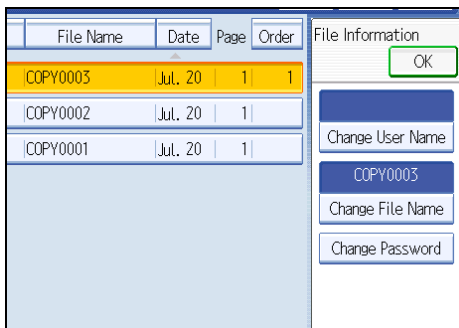
You can change the file name of a stored document.

1. Select the document whose name you want to change.

If a password is set, enter it, and then press [OK].

2. Press [File Management].

3. Press [Change File Name].



4. Enter a new file name, and then press [OK].

5. Press [OK].

↓ Note

- To cancel the selection, press the selected (highlighted) key.
- Depending on the security setting, [Access Privileges] may appear instead of [User Name]. For details about specifying [Access Privileges], consult the administrator.
- For details about how to enter text, see “Entering Text”, About This Machine.

Changing the Password of a Stored Document

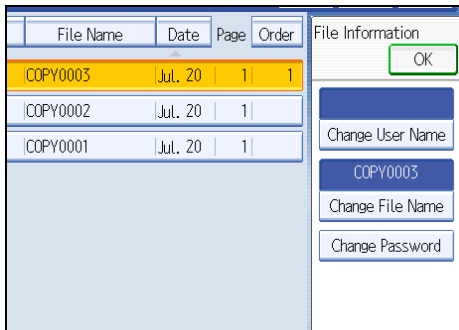
You can change the password of a stored document.

1. Select the document whose password you want to change.

If a password is set, enter it, and then press [OK].

2. Press [File Management].

3. Press [Change Password].



4. Enter a new password, and then press [OK].

5. For double-check, enter the password again and then press [OK].

6. Press [OK].

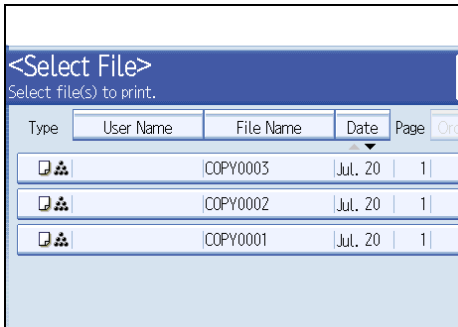
↓ Note

- To cancel the selection, press the selected (highlighted) key.
- Depending on the security setting, [Access Privileges] may appear instead of [User Name]. For details about specifying [Access Privileges], consult the administrator.
- For details about how to enter text, see “Entering Text”, About This Machine.

Checking the Details of a Stored Document

You can confirm the details of a stored document.

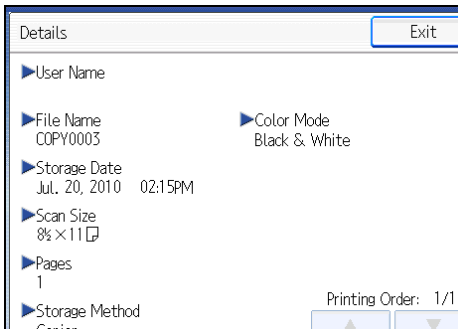
1. Select the document whose details are to be displayed.



If a password is set, enter it, and then press [OK].

2. Press [Details].

Details of the document will be displayed.



Note

- If you have selected two or more documents, press [▲] or [▼] to view their information.
- To cancel the selection, press the selected (highlighted) key.
- Pressing [Exit] restores the document selection screen.

Searching for Stored Documents

Searches for stored documents by user name or file name.

You can rearrange the currently chronologically ordered documents in any desired order.

Searching by file name

Searches for stored documents by file name.

Searching by user name

Searches for stored documents by user name.

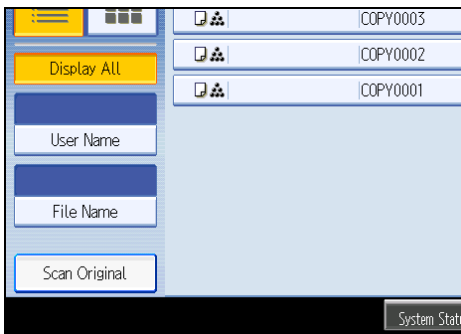
Note

- Web Image Monitor enables searching and reordering of stored documents from computers.
- For details about Web Image Monitor, see Help of Web Image Monitor.
- For details about how to enter text, see “Entering Text”, About This Machine.

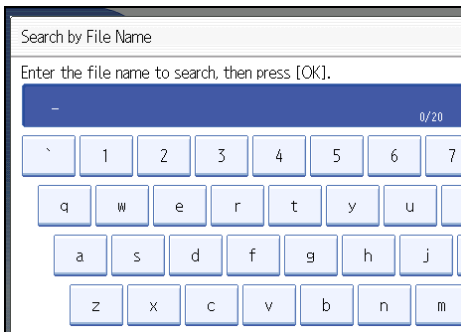
Searching by file name

Searches for stored documents by file name.

1. Press [File Name].



2. Enter the document name to be searched, and then press [OK].



Document names that match completely from the starting character will be searched and displayed on the screen.

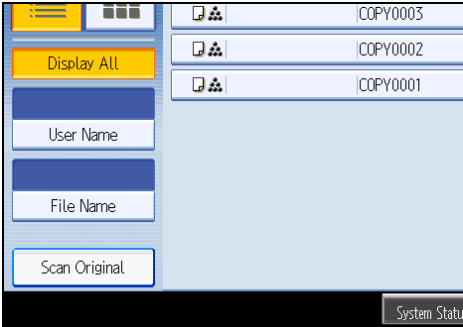
Note

- Pressing [Display All] displays all stored documents.

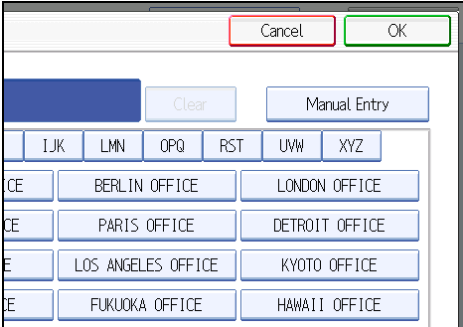
Searching by user name

Searches for stored documents by user name.

1. Press [User Name].



- 2. When specifying a registered user name, select it.
- 3. When the user name is not registered, press [Manual Entry], and then enter it from the input screen to be displayed. Then press [OK].



5

4. Press [OK].

User names that match completely from the starting character will be searched and displayed on the screen.

↓ Note

- Pressing [Display All] displays all stored documents.

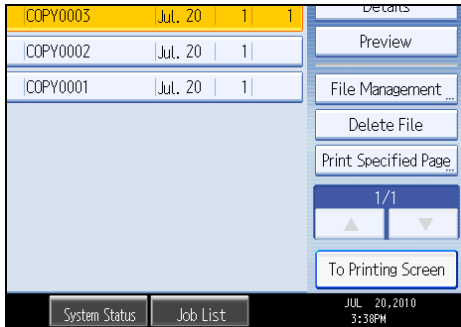
Printing Stored Documents

Prints stored documents.

Web Image Monitor allows you to print documents stored in the Document Server from your computer.

- 1. Select a document to be printed.
If a password is set, enter it, and then press [OK].
- 2. When printing two or more documents at a time, repeat step 1.
Up to 30 documents can be printed.

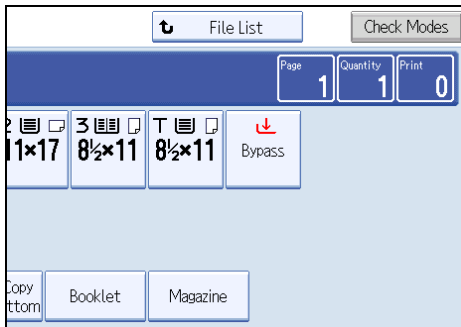
3. When specifying printing conditions, press [To Printing Screen].



The printing condition screen will appear. The user name, file name, and printing order of the document will be displayed.

4. Enter the number of print copies with the number keys.

5



The maximum quantity that can be set is 999.

5. Press the [Start] key.

Printing will be started.

Note

- You can search the target document using [User Name] or [File Name] situated in the left side of the screen. For details about searching the target document, see "Searching for Stored Documents".
- You can sort the documents by user name, file name, or creation date. Press the item to be used for the sorting on the top of the list.
- To cancel the selection, press the selected (highlighted) key.
- Some of the selected documents may not be printed due to the difference in the size or resolution.
- When changing the printing order, cancel the highlight and then specify the order correctly.
- Pressing the [Clear Modes] key cancels every selection.
- Pressing [Order] displays the selected documents in the printing order.

- The copy and printer features hold the specified printing conditions after the operation is over and apply them at the next printing. The facsimile features do not have the function of storing the printing conditions.
- When two or more documents are specified, the printing conditions are stored on the first document but not on the succeeding documents.
- Following settings are available for the printing conditions. For respective printing results, see "Basic Copying" and "Advanced Copying".
 - Paper tray
 - The number of prints
 - 2 Sided Copy (Top to Top, Top to Bottom), Booklet, Magazine
 - Finishing (Sort / Rotate Sort / Stack / Staple / Punch)
 - Cover/Slip Sheet (Front Cover, Front/Back Cover, Designate / Chapter, Slip Sheet)
 - Edit / Stamp (Margin Adj., Stamp)
- When printing two or more copies while selecting the Sort function, you can confirm the finish by printing only one copy. For details about sample print function, see "Sample print".
- When printing two or more documents at a time, you can print them as a single continuous document by specifying the order of their printing.
- When printing two or more documents at a time, the printing conditions set for the first document are applied to all the remaining documents.
- When two or more documents are selected, press [▲] [▼] to confirm the user name, document name and printing order of the document.
- Pressing [File List] restores the document selection screen.
- The Stamp function is not specifiable to the documents being stored from the facsimile features.
- You can change the maximum print quantity under Max. Copy Quantity in User Tools. For details about Max. Copy Quantity, see "General Features".
- Web Image Monitor allows you to print a document stored in the Document Server from your computer. For the Web Image Monitor starting procedure, see "Displaying Stored Documents with Web Image Monitor".

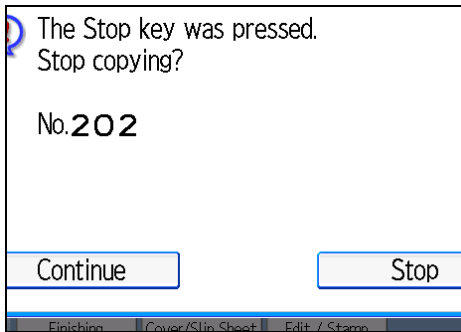
Reference

- p.203 "Searching for Stored Documents"
- p.209 "Sample print"
- p.212 "Displaying Stored Documents with Web Image Monitor"
- p.219 "General Features"

Interrupting a print job

Interrupts a print job.

1. Press the [Clear/Stop] key.
2. Press [Stop].



5

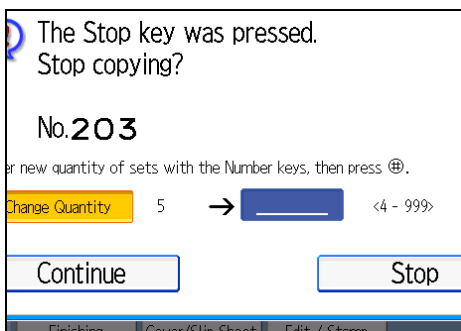
Changing the number of print copies while printing is in progress

You can change the number of sets during printing.

★ Important

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

1. Press the [Clear/Stop] key.
2. Press [Change Quantity].
3. Enter the number of sets anew with the number keys.



4. Press the [#] key.
5. Press [Continue].

Printing will be resumed.

↓ Note

- The number of sets you can enter in step 3 differs depending on when the [Clear/Stop] key is pressed.

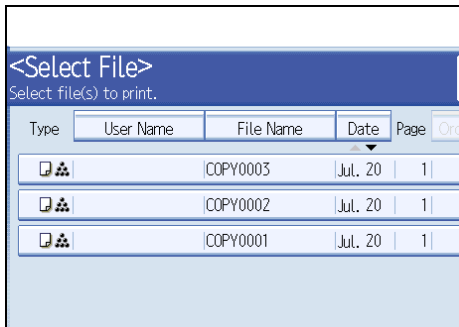
Sample print

When the number of sets is massive, you can print a single set in advance to check the printing order and the printing conditions of the selected documents.

★ Important

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

1. Select the document to be printed.



If a password is set, enter it, and then press [OK].

2. Press [To Printing Screen].

3. Enter the number of print copies with the number keys.

4. Select [Sort].

5. Press the [Sample Copy] key.

Only one set will be printed.

6. Press [Continue].

Printing will be resumed.

↓ Note

- To cancel the printing, press [Suspend]. The print screen will appear, enabling to set another item.

Printing the first page

In order to confirm the print results, you can print the first page alone of the document selected on the Select File screen.

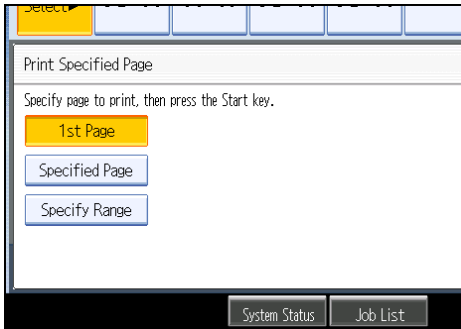
When two or more documents are selected, the first page of the respective documents is printed.

1. Select the document to be printed.

If a password is set, enter it, and then press [OK].

2. Press [Print Specified Page].

3. Press [1st Page].



4. Press the [Start] key.

Printing a specified page

5

You can print the specified page alone of the document selected on the Select File screen.

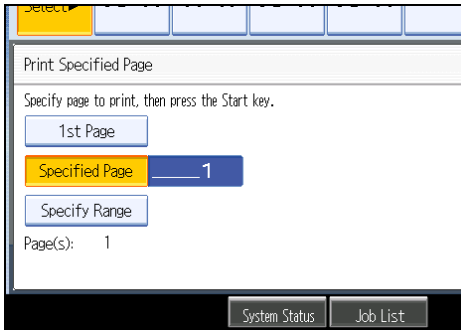
1. Select the document to be printed.

If a password is set, enter it, and then press [OK].

2. Press [Print Specified Page].

3. Press [Specified Page].

4. Specify the page to be printed with the number keys, and then press [#].



5. Press the [Start] key.

Note

- To change the value you entered, press the key you want to change, and then enter a new value.

Printing a specified range

You can print the pages in the specified range alone of the document selected on the Select File screen.

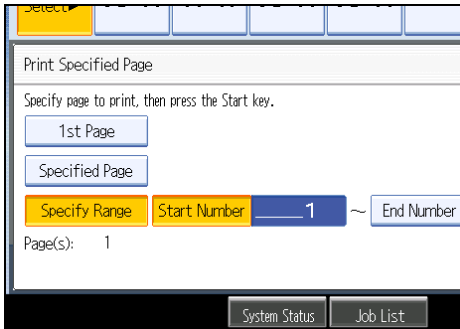
1. Select the document to be printed.

If a password is set, enter it, and then press [OK].

2. Press [Print Specified Page].

3. Press [Specify Range].

4. Specify the printing start page with the number keys, and then press [#].



5. Specify the printing end page with the number keys, and then press [#].

6. Press the [Start] key.

Note

- To change the value you entered, press the key you want to change, and then enter a new value.

Deleting a Stored Document

Deletes a stored document.

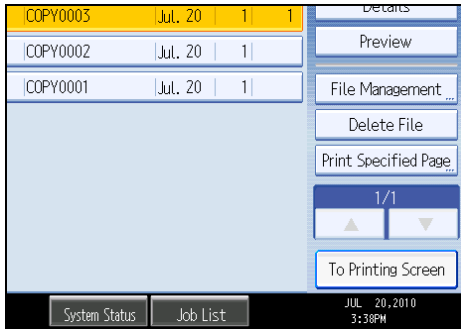
Important

- The Document Server can store up to 3,000 documents. As the number of stored documents reaches the limit, storing of a new document becomes unavailable. Thus, you should delete unnecessary documents as much as practicable.

1. Select the document to be deleted.

If a password is set, enter it, and then press [OK].

2. Press [Delete File].



3. Press [Yes].

Note

- You can delete all documents stored in the Document Server under Delete All Files in Document Server in User Tools. For details about Delete All Files in Document Server, see "System Settings", Network and System Settings Reference.
- It is also possible to select two or more documents and delete them.
- You can search the target document using [File Name] or [User Name] situated in the left side of the screen.
- You can sort the documents by user name, file name, or creation date. Press the item to be used for the sorting on the top of the list.
- When you could not identify the target document from the document name, print the first page alone of the document in order to confirm the print results.
- To cancel the selection, press the selected (highlighted) key.
- Web Image Monitor allows you to delete a document stored in the Document Server from your computer. For details about how to start Web Image Monitor, see "Displaying Stored Documents with Web Image Monitor".

Reference

- p.212 "Displaying Stored Documents with Web Image Monitor"

Displaying Stored Documents with Web Image Monitor

You can display stored documents in the Document Server on the computer screen with Web Image Monitor.

1. Start a Web browser.
2. Enter "http://(IPv4 address, IPv6 address or host name)/" in the address bar.

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" to connect to the machine.

The top page of Web Image Monitor will be displayed.

3. Click [Document Server].




The list of documents in the Document Server will be displayed.

4. Click of the document you want to confirm.

Information of the document will be displayed.

5. Confirm contents of the document.

Note

- You can change the format of the list. Click the  (Thumbnails),  (Icons), or  (Details).
- When you want to enlarge the preview display, click [Enlarge Image].

Downloading Stored Documents with Web Image Monitor

5

You can download stored documents to the computer with Web Image Monitor.

Important

- The file format converter is required if you want to download documents saved under the copy or printer function.

1. Start a Web browser.

2. Enter "http://(IPv4 address, IPv6 address or host name of this machine)/" in the address bar.

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" to connect to the machine.

The top page of Web Image Monitor will be displayed.

3. Click [Document Server].

The list of documents in the Document Server will be displayed.




4. Click of the document you want to download.

5. Select the format for the file you want to download, and then click [Download].

The data will be downloaded.

6. Click [OK].

Note

- You can change the format of the list. Click the  (Thumbnails),  (Icons), or  (Details).

- To download a color document saved using the copy or printer function as a Multi-page TIFF file, you must convert it to monochrome.
- You can select [JPEG] only for files that are full color or gray scale and compressed using the scanner function.
- If you are using Internet Explorer 8, downloading will be slower than with other browsers. To download faster with Internet Explorer 8, open the browser's [Internet Options] menu and register the machine's URL as a trusted site. Then disable SmartScreen filter for trusted sites. For details about these settings, see the Internet Explorer 8 Help files.

Registering Frequently Used Functions for Printing Stored Documents from the Document Server

5

You can store frequently used Document Server print job settings in the machine memory and recall them for future use.

The settings you can store are as follows:

- The number of prints
- 2 Sided Copy, Booklet, Magazine
- Finishing (Sort, Rotate Sort, Stack, Staple, Punch)
- Cover/Slip Sheet (Front Cover, Front/Back Cover, Designate / Chapter, Slip Sheet)
- Edit / Stamp (Margin Adj., Stamp)

For details about how to store these settings, see "Registering Frequently Used Functions".

Reference

- p.101 "Registering Frequently Used Functions"

Changing the Default Functions of the Document Server's Initial Display

You can configure the settings of the initial document print screen or the initial scan original screen.

The initial document print screen appears when [To Printing Screen] on the document selection screen is pressed. The initial scan original screen appears when [Scan Original] on the document selection screen is pressed.

The functions you can specify as the default functions of the initial screens are as follows:

- Initial document print screen
Finishing, Cover/Slip Sheet, Edit / Stamp, 2 Sided Copy, Booklet, Magazine, number of prints
- Initial scan original screen
Color mode, Paper Tray, Original Type, Density, Special Original, Original Orientation, Edit / Color, Duplex/Combine, Reduce / Enlarge

For details about how to configure the default functions displayed on the initial document print screen, see "Changing the Default Functions of the Copy's Initial Display".

To configure the default functions displayed on the initial scan original screen, press the [Program] key and then press [Program].

Reference

- p.105 "Changing the Default Functions of the Copy's Initial Display"

6. Copier and Document Server Features

This chapter describes user tools in the Copier / Document Server Features menu.

Accessing User Tools

This section describes how to access User Tools menu.

User Tools allow you to change or set defaults.

Note

- Operations for system settings differ from normal operations. Always quit User Tools when you have finished. For details about how to end User Tools, see "Quitting User Tools".
- Any changes you make with User Tools remain in effect even if the main power switch or operation switch is turned off, or the [Energy Saver] or [Clear Modes] key is pressed.

Reference

- p.218 "Quitting User Tools"

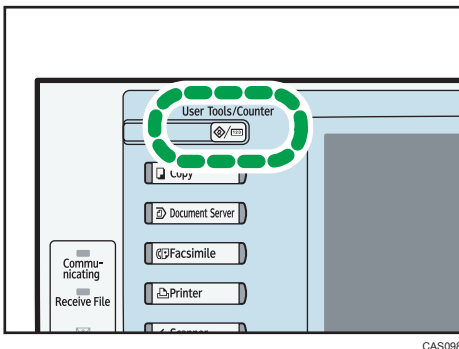
Changing Default Settings

This section describes how to change the settings of User Tools.

Important

- If the Administrator Authentications Management is specified, contact your administrator.

1. Press the [User Tools/Counter] key.



2. Press [Copier / Document Server Features].
3. Select the user tool you want to change.
4. Change settings by following instructions on the display, and then press [OK].

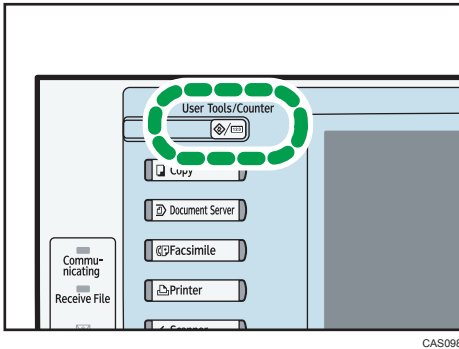
Note

- To cancel changes made to settings and return to the initial display, press the [User Tools/Counter] key.

Quitting User Tools

This section describes how to quit the settings of User Tools.

1. Press the [User Tools/Counter] key.



Note

- You can also quit User Tools by pressing [Exit].

General Features

This section describes the user tools in the General Features menu under Copier / Document Server Features.

Auto Image Density Priority

You can set whether Auto Image Density is “On” or “Off” when the machine is turned on, reset, or modes are cleared.

Default for “Full Color: Photo”: **[Off]**

Default for “Full Color: Non-photo”: **[Off]**

Default for “B & W: Photo”: **[Off]**

Default for “B & W: Non-photo”: **[On]**

Original Type Priority

You can select the original type effective when the power is turned on, or modes cleared.

Default for “Full Color”: **[Text / Photo]**

Default for “B & W”: **[Text / Photo]**

Original Photo Type Priority

You can specify which original photo type has priority when you select “Text / Photo” or “Photo”.

Default for “Text / Photo”: **[Printed Photo]**

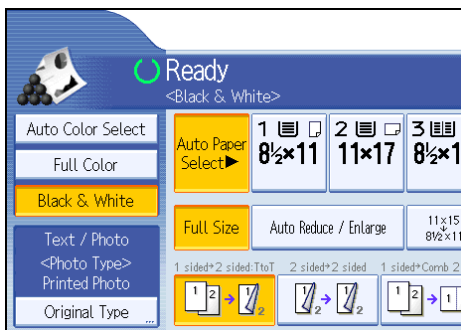
Default for “Photo”: **[Printed Photo]**

Original Type Display

You can have the original types shown on the initial display.

Default: **[Display]**

If you select “Hide”, the display is as below.

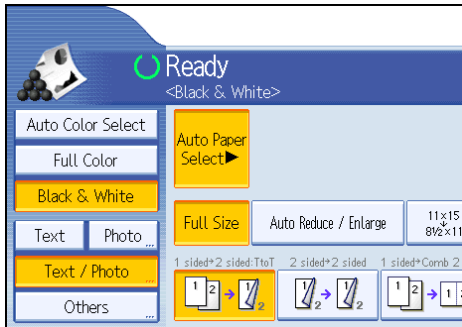


Paper Display

Choose to have the available paper trays and sizes shown on the initial display.

Default: **[Display]**

If you select "Hide", the display is shown as below.



Press [Auto Paper Select] to display paper sizes.

Original Orientation in Duplex Mode

You can set the orientation of the originals when copying two-sided originals.

Default: [Top to Top]

Copy Orientation in Duplex Mode

You can set the orientation of the copies when making two-sided copies.

Default: [Top to Top]

Max. Copy Quantity

The maximum copy quantity can be set between 1 and 999.

Default: [999 sheet(s)]

Auto Tray Switching

If you load paper of the same size in two or more trays, the machine automatically shifts to the other when the first tray runs out of paper (when Auto Paper Select is selected). This function is called "Auto Tray Switching". This setting specifies whether to use Auto Tray Switching or not.

Default: [With Image Rotation]

- With Image Rotation

Use to copy when using the Auto Tray Switching function.

- Without Image Rotation

Only copies with Auto Tray Switching if you load paper of the same size and in the same orientation in two or more trays. If the paper is not the same size and in the same orientation, copying is interrupted and the message "Load paper." is displayed.

- Off

When a paper tray runs out of paper, copying is interrupted and the message "Load paper." is displayed.

Alert Sound: Original left on Exposure Glass

You can set whether to use a buzzer to alert you when you forget to remove an original.

Default: **[On]**

If Panel Key Sound of General Features (System Settings) during system settings is set to "Off", this function is invalidated even if it is set to "On".

Job End Call

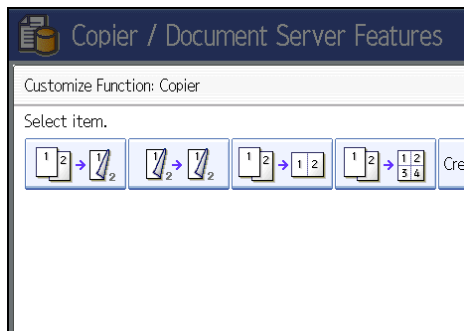
You can set whether to generate a buzzer sound ("pi") when a copy is completed.

If Panel Key Sound of General Features (System Settings) is "Lowest", "Low", "Medium", or "High", the machine beeps to notify you that it did not complete a job for reasons such as copying was interrupted, the paper tray ran out of paper, or a paper jam occurred.

Default: **[On]**

Customize Function: Copier

You can assign up to six frequently-used functions to Copy Function keys.



Default for "Customize Function: Copier 1": **[1 sided → 2 sided: TtoT]**

Default for "Customize Function: Copier 2": **[2 sided → 2 sided]**

Default for "Customize Function: Copier 3": **[1 sided → Comb 2 orig]**

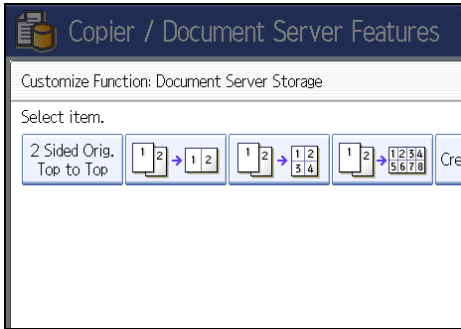
Default for "Customize Function: Copier 4": **[1 sided → Comb 4 orig]**

Default for "Customize Function: Copier 5": **[Create Margin]**

Default for "Customize Function: Copier 6": **[Off]**

Customize Function: Document Server Storage

You can assign up to six frequently-used functions for scanning documents on the Document Server Storage keys.



Default for "Customize Function: Document Server Storage 1": **[2 Sided Orig. Top to Top]**

Default for "Customize Function: Document Server Storage 2": **[1 sided → Comb 2 orig]**

Default for "Customize Function: Document Server Storage 3": **[1 sided → Comb 4 orig]**

Default for "Customize Function: Document Server Storage 4": **[1 sided → Comb 8 orig]**

Default for "Customize Function: Document Server Storage 5": **[Create Margin]**

Default for "Customize Function: Document Server Storage 6": **[Off]**

Reproduction Ratio

This section describes the user tools in the Reproduction Ratio menu under Copier / Document Server Features.

Shortcut Reduce/Enlarge

You can register up to three frequently used Reduce/Enlarge ratios other than the fixed Reduce/Enlarge ratio and have them shown on the initial display.

You can also change registered Reduce/Enlarge ratios.

When you select [User Reduce/Enlarge Ratio], the ratio can be set from 25 to 400%, using the number keys.

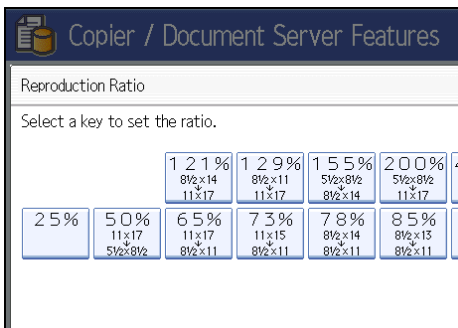
Default for "F1": [73%]

Default for "F2": [155%]

Default for "F3": [93%]

Reproduction Ratio

You can specify the enlargement and reduction ratios that appear if [Reduce / Enlarge] is pressed on the copier screen.



- 25%
- $11 \times 17 \rightarrow 5\frac{1}{2} \times 8\frac{1}{2}$ (50%)
- $11 \times 17 \rightarrow 8\frac{1}{2} \times 11$ (65%)
- $11 \times 15 \rightarrow 8\frac{1}{2} \times 11$ (73%)
- $8\frac{1}{2} \times 14 \rightarrow 8\frac{1}{2} \times 11$ (78%)
- $8\frac{1}{2} \times 13 \rightarrow 8\frac{1}{2} \times 11$ (85%)
- 93%
- $8\frac{1}{2} \times 14 \rightarrow 11 \times 17$ (121%)
- $8\frac{1}{2} \times 11 \rightarrow 11 \times 17$ (129%)
- $5\frac{1}{2} \times 8\frac{1}{2} \rightarrow 8\frac{1}{2} \times 14$ (155%)
- $5\frac{1}{2} \times 8\frac{1}{2} \rightarrow 11 \times 17$ (200%)

- 400%
- User Reduce/Enlarge Ratio (25 - 400%)

Reduce/Enlarge Ratio Priority

You can set the ratio with priority when [Reduce / Enlarge] is pressed.

Default: **[65%]**

Ratio for Create Margin

You can set a Reduce/Enlarge ratio when registering Create Margin in a shortcut key.

Enter a ratio using number keys (in the range of 90 to 99%).

Default: **[93%]**

Edit

This section describes the user tools in the Edit menu under Copier / Document Server Features.

Enter the width of the binding margin with the number keys as follows:

- 0 - 1.2 inches (in increments of 0.1 inch)

Enter the width of the erased margin with the number keys as follows:

- 0.1 - 3.9 inches (in increments of 0.1 inch)

An image of approximately 1.5 mm (0.06 inch) will not be displayed as the width of the separation line, when specifying solid or broken lines.

Front Margin: Left / Right

Specify left and right margins on the front side of copies in Margin Adjustment mode.

Default: [Left: 0.2 inch]

Back Margin: Left / Right

Specify left and right margins on the back side of copies in Margin Adjustment mode.

Default: [Right: 0.2 inch]

Front Margin: Top / Bottom

Specify top and bottom margins on the front side of copies in Margin Adjustment mode.

Default: [T / B: 0.0 inch]

Back Margin: Top / Bottom

Specify top and bottom margins on the back side of copies in Margin Adjustment mode.

Default: [T / B: 0.0 inch]

1 Sided → 2 Sided Auto Margin: TtoT

In 1 sided → 2 sided Duplex mode, you can specify the margins on the back side.

The margin is set to the same value of "Back Margin: Left/Right".

Default: [Right: 0.2 inch]

1 Sided → 2 Sided Auto Margin: TtoB

In 1 sided → 2 sided Duplex mode, you can specify the margins on the back side.

The value set for "Back Margin: Top/Bottom" is used.

Default: [T / B: 0.0 inch]

Erase Border Width

Specify the width for erasing border.

Default: [0.4 inch]

Erase Original Shadow in Combine

In Combine mode, you can specify whether to erase a 3 mm, 0.1 inch boundary margin around all four edges of each original.

Default: **[On]**

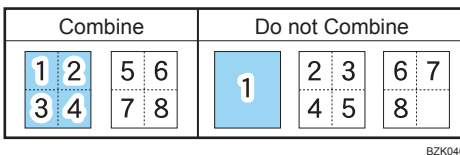
Erase Center Width

Specify the width of the erased center margins with this function.

Default: **[0.4 inch]**

Front Cover Copy in Combine

You can make a combined copy on the front cover sheet when you select Front Cover mode.

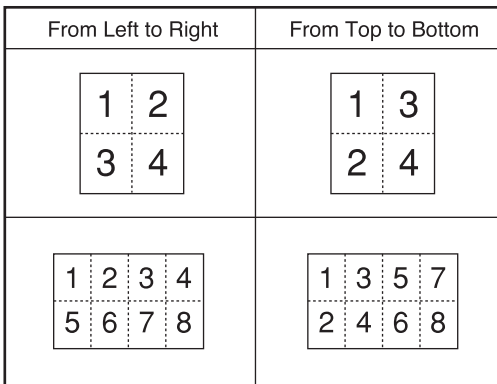


Default: **[Combine]**

6

Copy Order in Combine

You can set the copy order in Combine mode to From Left to Right or From Top to Bottom.



Default: **[From Left to Right]**

Orientation: Booklet, Magazine

Select the opening orientation of copies made using Booklet or Magazine mode.

Default: **[Open to Left]**

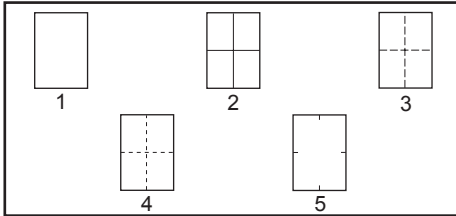
Copy on Designating Page in Combine

Specify whether to make a combined copy on the inserted slip sheets in Desig./Chapter mode.

Default: **[Combine]**

Image Repeat Separation Line

You can select a separation line using the Image Repeat function from: None, Solid, Broken A, Broken B, or Crop Marks.



CBA052

1. **None**
2. **Solid**
3. **Broken A**
4. **Broken B**
5. **Crop Marks**

Default for "Type of Separation Line": **[None]**

In "Full Color", you can also select the color of the separation line.

Default for "Color of Separation Line in Full Color": **[Black]**

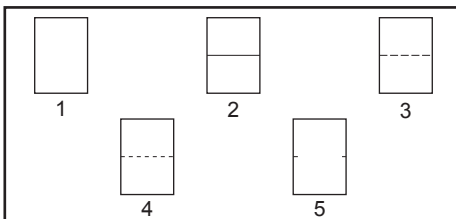
Separation line color cannot be specified when selecting [None].

In "Black & White", printing will be done in black.

Selecting solid or broken lines might produce a blank area of approximately 1.5 mm (0.06 inch) in width along the separation line.

Double Copies Separation Line

You can select a separation line using the Double Copies function from: None, Solid, Broken A, Broken B, or Crop Marks.



CBA053

1. **None**
2. **Solid**
3. **Broken A**
4. **Broken B**

5. Crop Marks

Default for "Type of Separation Line": **[None]**

In "Full Color", you can also select the color of the separation line.

Default for "Color of Separation Line in Full Color": **[Black]**

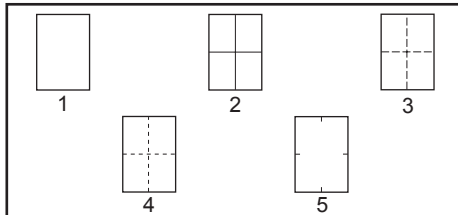
Separation line color cannot be specified when selecting [None].

In "Black & White", printing will be done in black.

Selecting solid or broken lines might produce a blank area of approximately 1.5 mm (0.06 inch) in width along the separation line.

Separation Line in Combine

You can select a separation line using the Combine function from: None, Solid, Broken A, Broken B, or Crop Marks.



CBA052

1. **None**
2. **Solid**
3. **Broken A**
4. **Broken B**
5. **Crop Marks**

Default for "Type of Separation Line": **[None]**

In "Full Color", you can also select the color of the separation line.

Default for "Color of Separation Line in Full Color": **[Black]**

Separation line color cannot be specified when selecting [None].

In "Black & White", printing will be done in black.

Selecting solid or broken lines might produce a blank area of approximately 1.5 mm (0.06 inch) in width along the separation line.

Stamp

This section describes the user tools in the Stamp menu under Copier / Document Server Features.

Background Numbering

This section describes the user tools in the Background Numbering menu under Stamp.

Size

You can set the size of the numbers.

Default: **[Normal]**

Density

You can set the density of the numbers.

Default: **[Normal]**

Stamp Color

You can set the color of the numbers.

Default: **[Black]**

Preset Stamp

This section describes the user tools in the Preset Stamp menu under Stamp.

Stamp Language

You can select the language of the message printed in Stamp mode.

- English, German, French, Italian, Spanish, Dutch, Portuguese, Polish, Czech, Swedish, Finnish, Hungarian, Norwegian, Danish, Russian, Japanese, Simplified Chinese, Traditional Chinese, Hangul, Catalan, Turkish

Default: **[English]**

Stamp Priority

You can select the stamp type given priority when [Preset Stamp] is pressed.

Default: **[COPY]**

Stamp Format

Specify how each of stamps is printed.

- Stamp Position
Specify where to print the stamp.

Default: **[Top Right]**

- Adjust Stamp Position

You can adjust the print position of the stamp within the available ranges shown below.

"Top Left" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Top Center" T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Top Right" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Center Left" T/B: 2.8 - 2.8 inches, L/R: 0.1 - 5.7 inches

"Center" T/B: 2.8 - 2.8 inches, L/R: 2.8 - 2.8 inches

"Center Right" T/B: 2.8 - 2.8 inches, L/R: 0.1 - 5.7 inches

"Bottom Left" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Bottom Center" T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Bottom Right" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

- Size

You can set the size of the stamp.

Default: **[1 X]**

- Density

You can set the pattern used to print the stamp.

Default: **[Normal]**

- Normal

The stamp is printed on the image. You cannot check which parts will overlap.

- Lighter

The image can be seen through the stamp.

- Lightest

The image appears even clearer than in the Lighter setting.

- Page to Stamp

You can have the stamp printed on the first page or all pages.

Default: **[All Pages]**

Stamp Color

Sets the stamp print color.

Default: **[Black]**

User Stamp

This section describes the user tools in the User Stamp menu under Stamp.

Program / Delete Stamp

You can register, change, or delete user stamps.

You can register up to four custom stamps with your favorite designs.

For details about how to program the user stamp, see "User Stamp".

Stamp Format: 1-4

Specify how each of registered user stamps 1 to 4 is printed.

- Stamp Position

Specify where to print the user stamp.

Default: **[Top Right]**

- Adjust Stamp Position

You can adjust the position of the user stamp within the available ranges shown below.

"Top Left" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Top Center" T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Top Right" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Center Left" T/B: 2.8 - 2.8 inches, L/R: 0.1 - 5.7 inches

"Center" T/B: 2.8 - 2.8 inches, L/R: 2.8 - 2.8 inches

"Center Right" T/B: 2.8 - 2.8 inches, L/R: 0.1 - 5.7 inches

"Bottom Left" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Bottom Center" T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Bottom Right" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

- Page to Stamp

Sets whether to print the stamp on all pages or only the first page.

Default: **[All Pages]**

Stamp Color: 1-4

Sets the priority of the colors selected for user stamp (1 to 4).

Default: **[Black]**

Reference

- p.143 "User Stamp"

Date Stamp

This section describes the user tools in the Date Stamp menu under Stamp.

Format

You can select the date format for Date Stamp mode.

Default: **[MM / DD / YYYY]**

Font

You can select the date stamp font.

Default: **[Font 1]**

Size

You can set the date stamp size.

Default: **[Auto]**

Superimpose

You can have the date stamp printed in white when it overlaps black parts of the image.

Default: **[Off]**

Stamp Color

Sets the selected priority color when printing the date.

Default: **[Black]**

Stamp Setting

Specify how the date stamp is printed.

- Stamp Position

Specify where to print the date stamp.

Default: **[Top Left]**

- Adjust Stamp Position

You can adjust the position of the date stamp within the available ranges shown below.

"Top Left" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Top Center" T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Top Right" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Bottom Left" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Bottom Center" T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Bottom Right" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

- Page to Stamp

Sets whether to print the stamp on all pages or only the first page.

Default: **[All Pages]**

Page Numbering

This section describes the user tools in the Page Numbering menu under Stamp.

Stamp Format

You can select the page number format given priority when [Page Numbering] is pressed.

Default: **[P1,P2...]**

Font

You can select the font in Page Numbering mode.

Default: **[Font 1]**

Size

You can set the size of the stamp printed in Page Numbering mode.

Default: **[Auto]**

Duplex Back Page Stamping Position

You can set the position of the duplex back page number printed in Duplex mode.

Default: **[Opposite Position]**

Page Numbering in Combine

You can set page numbering when using the Combine function and the Page Numbering function together.

Default: **[Per Original]**

Stamp on Designating Slip Sheet

You can select whether or not to print the page number onto slip sheets when using the Designate function set to "Copy" and the Page Numbering function together.

Default: **[Off]**

Stamp Position

Specify how each of stamps is printed.

- Stamp Position

Specify where to print the stamp.

Default for the patterns of "P1,P2...", "1/5,2/5...", "P.1,P.2...", and "1,2...": **[Top Right]**

Default for the patterns of "-1-,-2-..." and "1-1,1-2...": **[Bottom Center]**

- Adjust Stamp Position

You can adjust the position of the stamp within the available ranges shown below.

"Top Left" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Top Center" T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Top Right" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Bottom Left" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Bottom Center" T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Bottom Right" T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

Superimpose

You can have page numbers printed in white when they overlap black parts of the image.

Default: **[Off]**

Stamp Color

Sets the priority of the colors selected for the page numbers.

Default: **[Black]**

Page Numbering Initial Letter

You can select the page numbering initial letter between "P1,P2.../P.1,P.2..." and "S1,S2.../S.1,S.2...".

Default: **[P1,P2.../P.1,P.2...]**

Input / Output

This section describes the user tools in the Input / Output menu under Copier / Document Server Features.

Switch to Batch

You can select to have Batch mode or SADF mode displayed when you press [Special Original].

Default: **[Batch]**

SADF Auto Reset

In SADF mode, an original must be set within a specified time after the previous original has been fed.

Default: **[5 seconds]**

You can adjust this time from 3 to 99 seconds in increments of 1 second.

Rotate Sort: Auto Paper Continue

Specify whether or not the machine continues copying when paper of the required orientation runs out during rotate sort.

Default: **[Off]**

- On

Copying continues using copy paper of a different orientation. The copy job will finish even if you have left the machine.

- Off

When paper of the required orientation runs out, the machine stops copying and prompts you to supply copy paper. After you have loaded paper, the machine will continue copying.

Memory Full Auto Scan Restart

When memory becomes full while scanning originals, the machine can make copies of scanned originals first, and then automatically proceed scanning remaining originals.

Default: **[Off]**

- On

You can leave the machine unattended to make copies, but sorted pages will not be sequential.

- Off

When memory becomes full, the machine stops operation allowing you to remove the copy pages delivered on the output tray.

Letterhead Setting

If you select [Yes] in this function, the machine rotates the image correctly.

Default: **[No]**

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

Staple Position

Specify which staple type has priority to be shown on the initial display.

- When Finisher SR790 is installed:
 - Default for “Staple Position 1”: **[Staple: Top 1]**
 - Default for “Staple Position 2”: **[Staple: Bottom 1]**
 - Default for “Staple Position 3”: **[Staple: Left 2]**
 - Default for “Staple Position 4”: **[Staple: Top 2]**
- When Finisher SR3050 is installed: (Type 1 and 2)
 - Default for “Staple Position 1”: **[Staple: Slant]**
 - Default for “Staple Position 2”: **[Staple: Bottom Slant]**
 - Default for “Staple Position 3”: **[Staple: Left 2]**
 - Default for “Staple Position 4”: **[Staple: Top 2]**
- When Booklet Finisher SR3000 is installed: (Type 1 and 2)
 - Default for “Staple Position 1”: **[Staple: Top 1]**
 - Default for “Staple Position 2”: **[Staple: Center]**
 - Default for “Staple Position 3”: **[Staple: Left 2]**
 - Default for “Staple Position 4”: **[Staple: Top 2]**
- When Finisher SR3030 is installed: (Type 3 and 4)
 - Default for “Staple Position 1”: **[Staple: Top 1]**
 - Default for “Staple Position 2”: **[Staple: Slant]**
 - Default for “Staple Position 3”: **[Staple: Left 2]**
 - Default for “Staple Position 4”: **[Staple: Top 2]**
- When Booklet Finisher SR3020 is installed: (Type 3 and 4)
 - Default for “Staple Position 1”: **[Staple: Top 1]**
 - Default for “Staple Position 2”: **[Staple: Center]**
 - Default for “Staple Position 3”: **[Staple: Left 2]**
 - Default for “Staple Position 4”: **[Staple: Top 2]**

Punch Type

Specify which punch type has priority to be shown on the initial display.

- Default for “Punch Type 1”: **[Punch: 3 Holes Left]**
- Default for “Punch Type 2”: **[Punch: 3 Holes Top]**

Simplified Screen: Finishing Types

You can select which key is displayed with higher priority for "Finishing Types" on the Simplified Screen.

Default for "Simplified Screen: Finishing Types 1": **[Do not Display]**

Default for "Simplified Screen: Finishing Types 2": **[Do not Display]**

Default for "Simplified Screen: Finishing Types 3": **[Do not Display]**

Adjust Color Image

This section describes the user tools in the Adjust Color Image menu under Copier/Document Server Features.

Background Density of ADS (Full Color)

The background density is adjusted to skip the texture and copy. You can adjust the background density up to five levels when in Full Color.

The default setting is the middle of five adjustment levels.

Color Sensitivity

You can adjust the color specified to convert in "Convert Color" and the color specified for "Erase Color", in five levels.

The default setting is the middle of five adjustment levels.

When the color width has been set to "Wider", and the color to be deleted, for example is red, all the colors that are close to magenta and orange are deleted. If it's set to "Narrower" the color red will be deleted.

6

A.C.S. Sensitivity

This five-step setting determines the level of the standard used for discriminating between black & white originals and full color originals when "Auto Color Select" is selected.

The default setting is the middle of five adjustment levels.

A.C.S. Priority

This setting determines the copy priority between "Black & White" and "Full Color" when "Auto Color Select" is selected.

Default: [Full Color]

Administrator Tools

This section describes the User Tools in the Administrator Tools menu under Copier / Document Server Features.

Menu Protect

You can prevent unauthenticated users from changing the user tools settings.

For details, consult the administrator.

7. Appendix

This chapter describes the copy machine's specifications and the function compatibility.

Function Compatibility

The combination chart given below shows which modes can be used together.

Blank: These modes can be used together.

x: These modes cannot be used together. The first mode selected will be the mode you are working in.

●: These modes cannot be used together. The second mode selected will be the mode you are working in.

The following shows the combinations of functions:

Functions	Function selected second																											
	Mixed Sizes	Standard Size Originals	Custom Size Originals	Original Orientation (Readable)	Original Orientation (Unreadable)	Auto Image Density	Manual Image Density	Full Color	Black & White	Auto Color Select	Auto Paper Select	Manual Paper Select	Bypass Tray	Auto Reduce / Enlarge	Reduce / Enlarge	Create Margin	Original: 1 Sided	Original: 2 Sided	Original: Book	1 Sided	Duplex	Combine	Front&Back → 2 Sided	Booklet	Magazine	Top to Bottom (Original / Copy)	Double Copies	
Mixed Sizes																												
Standard Size Originals	x																											
Custom Size Originals	x	●																										
Original Orientation (Readable)					●																							
Original Orientation (Unreadable)					●																							
Auto Image Density																												
Manual Image Density																												
Full Color																												
Black & White																												
Auto Color Select																												
Auto Paper Select																												
Manual Paper Select																												
Bypass Tray																												
Auto Reduce / Enlarge																												
Reduce / Enlarge																												
Create Margin																												
Original: 1 Sided																												
Original: 2 Sided																												
Original: Book																												
1 Sided																												
Duplex																												
Combine																												
Front&Back → 2 Sided																												
Booklet																												
Magazine																												
Top to Bottom (Original / Copy)																												
Double Copies																												
Image Repeat																												
Specified Area Repeat																												
Margin Adjustment																												
Positive / Negative																												
Centering																												
Erase Center																												
Erase Border																												
Mirror Image																												
Erase Color																												
Convert Color																												
Color Background																												
Stamps *1																												
Covers																												
Designate																												
Slip Sheet																												
Sort																												
Rotate Sort																												
Stack																												
Staple																												
Punch																												
Document Server																												
2 Sided → 1 Sided																												
Covers & 2-sided Originals																												
Covers & 1-sided Copies																												
1 Sided → 2 Sided																												

BZK062

Functions	Function selected second																									
	Image Repeat	Specified Area Repeat	Margin Adjustment	Positive / Negative	Centering	Erase Center	Erase Border	Mirror Image	Erase Color	Convert Color	Color Background	Stamps *1	Covers	Designate	Slip Sheet	Sort	Rotate Sort	Stack	Staple	Punch	Document Server	2 Sided → 1 Sided	Covers & 2-sided Originals	Covers & 1-sided Copies	1 Sided → 2 Sided	
Mixed Sizes																										
Standard Size Originals																										
Custom Size Originals																										
Original Orientation (Readable)																										
Original Orientation (Unreadable)																										
Auto Image Density											●															
Manual Image Density																										
Full Color																										
Black & White																										
Auto Color Select	X	X							X	X	X															
Auto Paper Select	●	●											●	●	●											
Manual Paper Select																										
Bypass Tray					X						x ²	X	X				X	X	X	X						
Auto Reduce / Enlarge	●	●										x ²	X	X					X	X	X					
Reduce / Enlarge			X		X		X																			
Create Margin		X		X		X																				
Original: 1 Sided													x ³	x ³												
Original: 2 Sided													x ³	x ³												
Original: Book		X											X	X												
1 Sided																										
Duplex																	X									
Combine	X	X															X									
Front&Back → 2 Sided																	X						X			
Booklet	X	X										X	X	X					X	X	X					
Magazine	X	X										X	X	X					X ⁴	X	X					
Top to Bottom (Original / Copy)																										
Double Copies	●	●											X	X	X								X			
Image Repeat	●	●										X	X	X	X								X			
Specified Area Repeat	●	●	X	X	X	X	X					X	X	X	X								X			
Margin Adjustment	X	X						X	x ⁵	x ⁵	x ⁵															
Positive / Negative	X	X																								
Centering	X	X																								
Erase Center	X	X																								
Erase Border	X	X																								
Mirror Image	X	X																								
Erase Color									X ⁵														X			
Convert Color									X ⁵																	
Color Background									X ⁵																	
Stamps *1																										
Covers	X	X																								
Designate	X	X																								
Slip Sheet	X	X																								
Sort																										
Rotate Sort																										
Stack																										
Staple																										
Punch																										
Document Server	X	X																								
2 Sided → 1 Sided												X	X													
Covers & 2-sided Originals																										
Covers & 1-sided Copies																										
1 Sided → 2 Sided																										

BZK063

* 1 Stamps include Background Numbering, Preset Stamp, User Stamp, Date Stamp, and Page Numbering.

The following combinations are not possible:

* 2 Preset Stamp, User Stamp, Date Stamp, or Page Numbering with Bypass Tray

* 3 Front Cover, Front/Back Cover, or Designate with 2 Sided → 1 Sided

* 4 Top 1/Slant/Bottom Slant/Bottom 1/Left2/Top 2 of Staple with Magazine

* 5 You can use these combinations, but the functions indicated will not be applied to the binding margin.

* 6 Background Numbering with Slip Sheet

* 7 Top 2 of Staple with Left 2/Left 3 of Punch, Center of Staple with Left 2/Left 3 of Punch, Center of Staple with Top 2/Top 3 of Punch, or Bottom 1/Slant/Left 2 of Staple with Top 2/Top 3 of Punch

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INDEX

1 Sided 2 Sided Auto Margin TtoB.....	225
1 Sided 2 Sided Auto Margin TtoT.....	225

A

A.C.S. Priority.....	238
A.C.S. Sensitivity.....	238
Accessing User Tools.....	217
ADF.....	16, 21, 22, 23, 29
Adjust Color.....	12, 115
Adjust Color Image.....	238
Adjust U.C.R.....	116, 119
Adjusting colors.....	12, 112
Adjusting colors based on the selected color.....	121
Adjusting copy image density.....	125
Adjusting image qualities.....	13, 112
Administrator Tools.....	239
Alert Sound Original left on Exposure Glass.....	220
ARDF.....	16
Auto Color Select.....	107
Auto document feeder.....	16, 22
Auto Image Density.....	125
Auto Image Density Priority.....	219
Auto Paper Select.....	23, 129
Auto Reduce/Enlarge.....	60
Auto reverse document feeder.....	16
Auto Start.....	41
Auto Tray Switching.....	220
Available color functions.....	9

B

Back Cover.....	181
Back Margin Left / Right.....	225
Back Margin Top / Bottom.....	225
Background Density.....	13, 116, 118
Background Density of ADS (Full Color).....	238
Background Numbering.....	11, 139, 229
Base point of Reduce/Enlarge.....	55
Basic procedure.....	39
Batch.....	32
Binding margin.....	160
Black & White.....	9, 107

Booklet.....	177
Booklet/Magazine.....	177
Border Erase.....	161
Bypass tray.....	43, 45, 46

C

Center Erase.....	161
Centering.....	172
Changing a stored program.....	102
Changing default settings.....	217
Changing the color balance.....	114
Changing the default functions.....	105
Changing the file name.....	201
Changing the number of print copies.....	208
Changing the number of sets.....	80
Changing the order of jobs.....	98
Changing the password.....	202
Changing the user color name.....	123
Chapters.....	186
Checking the contents of jobs.....	97
Checking the details of a stored document.....	202
Checking the job history.....	100
Color Background.....	9, 111
Color Balance.....	12, 112
Color Balance Program.....	113
Color functions.....	107
Color Sensitivity.....	238
Combine.....	66
Combined auto and manual image density.....	126
Contrast.....	13, 116, 118
Convert Colors.....	9, 108
Copier functions.....	160, 191
Copy on Designating Page in Combine.....	226
Copy Order in Combine.....	226
Copy Orientation in Duplex Mode.....	220
Copying.....	39
Copying from the bypass tray.....	43
Copying onto envelopes.....	50, 53
Copying onto OHP transparencies.....	48
Copying onto thick paper.....	49
Copying onto thin paper.....	48
Copying originals of various sizes.....	34
Covers.....	181

Create Margin.....	138
Creating colors by specifying the density.....	122
Custom size originals.....	36
Custom size paper.....	46
Customize Function Copier.....	221
Customize Function Document Server Storage.....	221

D

Date.....	151
Date format.....	151
Date Stamp.....	11, 149, 231
Default settings.....	105, 214
Deleting a stored document.....	211
Deleting a stored program.....	103
Deleting jobs.....	99
Deleting the color balance.....	115
Deleting the user stamp.....	148
Deleting user colors.....	123
Density.....	229
Designate.....	184
Detectable original sizes.....	23
Directional Magnification.....	133, 134
Directional Size Magnification (mm).....	136
Display panel.....	19
Displaying stored documents.....	212
Document Server.....	94, 191, 214
Document Server Display.....	192
Double Copies.....	171
Double Copies Separation Line.....	227
Downloading stored documents.....	213
Duplex.....	62
Duplex Back Page Stamping Position.....	233

E

Edit.....	225
Enlarging originals.....	55
Erase.....	161
Erase Border.....	163, 164, 165, 166
Erase Border Width.....	225
Erase Center.....	164, 165, 166
Erase Center / Border.....	161, 165, 166
Erase Center Width.....	226
Erase Color.....	109

Erase Original Shadow in Combine.....	226
Erase Specified Color.....	9
Exposure glass.....	21, 23, 28

F

Facsimile functions.....	191
Finishing.....	74
First Printing Number.....	156, 157, 158
First Printing Page.....	156, 157, 158
Folding copies to make a booklet.....	177
Folding copies to make a magazine.....	177
Font.....	232, 233
Format.....	232
Frequently used functions.....	101, 214
Front Cover.....	181
Front Cover Copy in Combine.....	226
Front Margin Left / Right.....	225
Front Margin Top / Bottom.....	225
Full Color.....	9, 107
Function compatibility.....	241

G

General Features.....	219
Generation Copy.....	127

H

Holding jobs.....	98
How to read this manual.....	15

I

Image density.....	125
Image position of Combine.....	66
Image Repeat.....	167
Image Repeat Separation Line.....	227
Important.....	8
Initial display.....	19, 105, 192, 214
Input / Output.....	235
Interrupt Copy.....	40
Interrupting a print job.....	208
Invert.....	173
Item.....	16

J

Job End Call.....	221
Job List screen.....	96

Job Order.....	96
Job Preset.....	41

L

Large capacity tray.....	16
Last Number.....	156, 157
Laws.....	17
LCT.....	16
Left Original Beeper.....	28
Legal prohibition.....	17
Letterhead Setting.....	235

M

Machine types.....	15
Magazine.....	177
Managing jobs.....	96
Manual Image Density.....	125
Manual Paper Select.....	130
Manuals for this machine.....	6
Map.....	127
Margin Adjustment.....	160
Max. Copy Quantity.....	220
Memory Full Auto Scan Restart.....	235
Menu Protect.....	239
Mirror Image.....	174
Missing image area.....	25
Mixed Sizes.....	34

N

Names of major items.....	16
New job.....	41
Non-compatible originals.....	22
Notes.....	16
Notice.....	8

O

OHP transparencies.....	48
One-Sided Combine.....	66
Options.....	18
Orientation	
Booklet, Magazine.....	226
Original orientation.....	26, 140, 143, 149, 152
Original orientation and completed copies.....	62
Original Orientation in Duplex Mode.....	220
Original Photo Type Priority.....	219

Original size.....	21
Original type.....	127
Original Type Display.....	219
Original Type Priority.....	219
Original weight.....	21
Originals.....	21
Originals and copy orientation.....	65

P

Page Numbering.....	11, 152, 233
Page Numbering in Combine.....	233
Page Numbering Initial Letter.....	234
Pale.....	127
Paper Display.....	219
Photo.....	127
Placing originals.....	21, 26
Placing originals in the ADF.....	29
Placing originals of different sizes.....	34
Placing originals on the exposure glass.....	28
Positive/Negative.....	173
Preset Reduce/Enlarge.....	55
Preset Stamp.....	11, 140, 229
Preview Display.....	194
Primary colors.....	9
Printer functions.....	191
Printing a list of user colors.....	123
Printing a specified page.....	210
Printing a specified range.....	210
Printing stored documents.....	205
Printing the first page.....	209
Program.....	101, 105
Program/Delete Stamp.....	231
Punch.....	18, 74, 90
Punch hole positions.....	90
Punch Type.....	236

Q

Quitting User Tools.....	218
--------------------------	-----

R

Ratio for Create Margin.....	224
Readable orientation.....	26
Recalling a stored program.....	103
Recalling the color balance.....	114

Recalling the registered custom size.....	47	Sort.....	74
Recommended originals.....	21	Specified Area Repeat.....	167, 169
Reduce/Enlarge.....	132	Specifying a file name.....	198
Reduce/Enlarge Ratio Priority.....	224	Specifying a password.....	199
Reducing originals.....	55	Specifying a reproduction ratio.....	57, 58
Registering a custom size.....	47	Specifying a user name.....	198
Registering a user stamp.....	146	Specifying original sizes.....	35
Registering functions.....	101	Specifying the reproduction ratio.....	134, 135
Registering the color balance.....	113	Stack.....	18, 74, 80
Regular size originals.....	35	Stamp.....	139, 229
Regular size paper.....	45	Stamp color.....	140, 143, 146, 152, 156
Regulations.....	17	Stamp Color.....	229, 230, 232, 234
Repeat.....	167	Stamp Color 1-4.....	231
Reproduction Ratio.....	223	Stamp density.....	143
Rotate copy.....	130	Stamp Format.....	229, 233
Rotate Sort		Stamp Format 1-4.....	231
Auto Paper Continue.....	235	Stamp Language.....	229
S		Stamp on Designating Slip Sheet.....	233
SADF.....	33	Stamp position.....	140, 143, 145, 149, 152, 156
SADF Auto Reset.....	235	Stamp Position.....	233
Sample Copy.....	79	Stamp Priority.....	229
Sample print.....	209	Stamp Setting.....	232
Scanner functions.....	191	Stamp size.....	143
Searching by file name.....	204	Stamping on copies.....	11
Searching by user name.....	204	Staple.....	18, 74, 83
Searching for stored documents.....	203	Staple (Center).....	18
Selecting a color mode.....	107	Staple Position.....	236
Selecting a preset ratio.....	55	Stapling position.....	83
Selecting copy paper.....	129, 130	Storing data.....	196
Separation Line in Combine.....	228	Storing data in the Document Server.....	94
Series Copies.....	175	Superimpose.....	232, 234
Sharp / Soft.....	13, 116, 117	Switch to Batch.....	235
Shift Sort.....	18	Symbols.....	15
Shift Stack.....	80	T	
Shortcut Reduce/Enlarge.....	223	Text.....	127
Simplified Display.....	20, 193	Text / Photo.....	127
Simplified Screen		Text / Photo Sensitivity.....	116, 119
Finishing Types.....	237	Thick paper.....	49
Size.....	229, 232, 233	Thin paper.....	48
Size Magnification.....	132	Trademarks.....	243
Sizes difficult to detect.....	24	Two-Sided Combine.....	70
Slip Sheet.....	187		
Small size paper tray.....	53		

U

Unreadable orientation.....	26
User Color.....	120
User Stamp.....	11, 143, 148, 230
Using the Document Server.....	196

W

Web Image Monitor.....	212, 213
Whole Area Repeat.....	167, 168

Z

Zoom.....	57
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Operating Instructions Copy and Document Server Reference

