



# Pro C9100/C9110

Operating Instructions

**Adjustment Item Menu Guide: TCRU/ORU**



# TABLE OF CONTENTS

Introduction.....	3
How to Read This Manual.....	4
Symbols.....	4
Disclaimer.....	4
Notes.....	4
Manuals for This Machine.....	6
Paper Feed Direction of Printed Copies (Side 1/Side 2).....	7
<b>1. Adjustment Settings for Skilled Operators</b>	
Displaying the [Adjustment Settings for Skilled Operators] Button.....	9
Accessing Adjustment Settings for Skilled Operators.....	12
Layout of Adjustment Settings for Skilled Operators.....	14
Features of the Displayed Items and Setting Operations.....	15
Notes on How Adjustment Settings Are Applied to Printed Copies.....	17
<b>2. Details of Menu Items in Adjustment Settings for Skilled Operators</b>	
Menu Items and Functions: Adjustment Settings for Skilled Operators.....	19
Setting Values: Adjustment Settings for Skilled Operators.....	28
01: Machine: Image Position.....	28
02: Machine: Image Quality.....	36
03: Machine: Paper Feed/ Output.....	41
04: Machine: Productivity.....	45
05: Machine: Maintenance.....	46
06: Finishing: Finisher.....	53
07: Finishing: Fold.....	72
08: Finishing: Perfect Binder.....	78
09: Finishing: Stacker.....	81
<b>3. Custom Paper Settings for Administrators</b>	
Accessing Advanced Settings.....	89
Access Advanced Settings by Using the Control Panel.....	89
Access Using Web Image Monitor.....	92
Description of Paper Icons.....	93
Deleting Saved Custom Paper Profiles.....	94
Backing up and Restoring Custom Paper Profiles.....	96
Backing up Custom Paper Profiles Saved in the Saved Paper Library.....	96

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Backing up Custom Paper Profiles Registered Under the [Edit] Setting.....	97
Backing up and Restoring Custom Paper Profiles Using the External Controller's Control Panel.....	97
Default Settings in Advanced Settings.....	98
Displaying the Paper Profile Version.....	98

#### 4. Details of Menu Items in Advanced Settings

---

Menu Items and Functions: Advanced Settings.....	99
Setting Values: Advanced Settings.....	110
Machine: Image Position.....	110
Machine: Image Quality.....	119
Machine: Paper Feed/ Output.....	141
Machine: Productivity.....	150
Finishing: Fold.....	152

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# Introduction

This manual contains detailed instructions and notes on the operation and use of this machine. For your safety and benefit, read this manual carefully before using the machine. Keep this manual in a handy place for quick reference.

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# How to Read This Manual

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## Symbols

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This manual uses the following symbols:

### Important

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

### Note

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

### Reference

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

[ ]

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

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## Disclaimer

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To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this machine, losses of the registered data, or the use or non-use of this product and operation manuals provided with it.

Make sure that you always copy or have backups of the data registered in this machine. Documents or data might be erased due to your operational errors or malfunctions of the machine.

In no event will the manufacturer be responsible for any documents created by you using this machine or any results from the data executed by you.

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## Notes

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

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.

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

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

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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.

Two kinds of size notation are employed in this manual.

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# Manuals for This Machine

The following manuals are for skilled operators only.

## **Adjustment Item Menu Guide**

This manual explains the items in [Adjustment Settings for Skilled Operators] and the advanced settings for custom paper adjustment in "Advanced Settings".

## **Replacement Guide**

This manual explains how to replace the machine's components.

Replacement Guide is provided in HTML. To view it, visit manufacturer's website.

## **Troubleshooting**

This manual explains how to troubleshoot problems related to image quality, paper delivery, and other aspects of machine operation.



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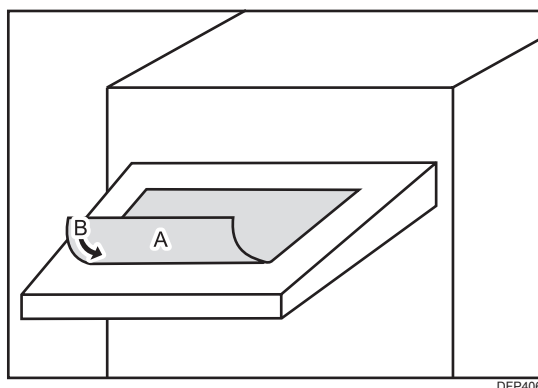
# Paper Feed Direction of Printed Copies (Side 1/Side 2)

Depending on the setting, printed copies are fed as follows:

Side 1 is the surface of the paper printed during one-sided printing, or the surface of the first print during duplex printing.

Side 2 is the surface of the paper printed on the back side of Side 1 during duplex printing.

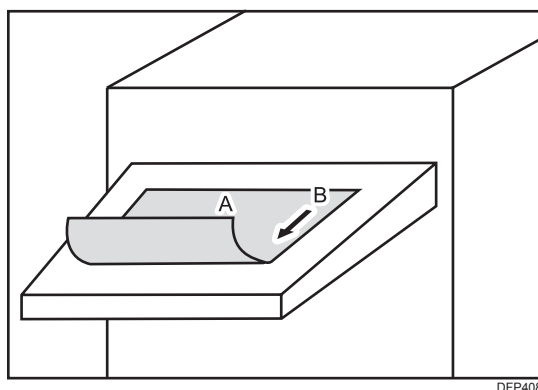
## Single-sided printing: Printed side face down



A. Side 1

B. Paper feed direction of Side 1

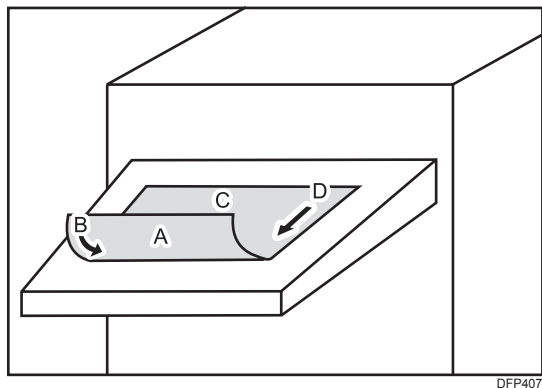
## Single-sided printing: Printed side face up



A. Side 1

B. Paper feed direction of Side 1

## Duplex printing



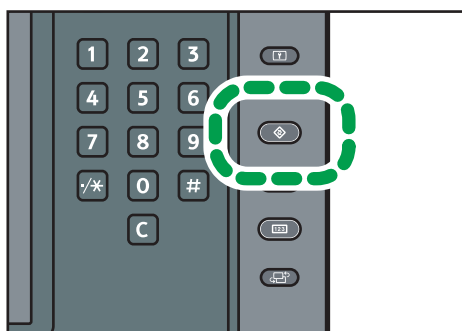
- A. Side 1
- B. Paper feed direction of Side 1
- C. Side 2
- D. Paper feed direction of Side 2

# 1. Adjustment Settings for Skilled Operators

## Displaying the [Adjustment Settings for Skilled Operators] Button

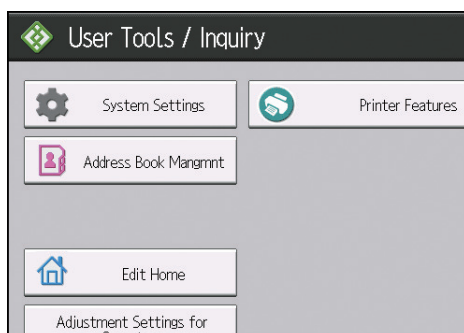
To use the Adjustment Settings for Skilled Operators, you must first configure your machine's Administrator Authentication Management setting.

1. Press the [User Tools] key on the control panel.

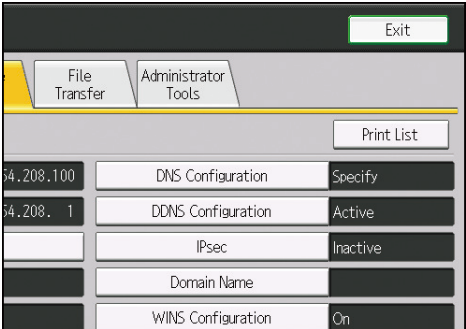


DER029

2. Press [System Settings] on the display.

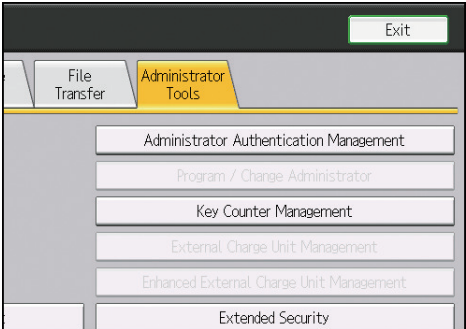


3. Press [Administrator Tools].

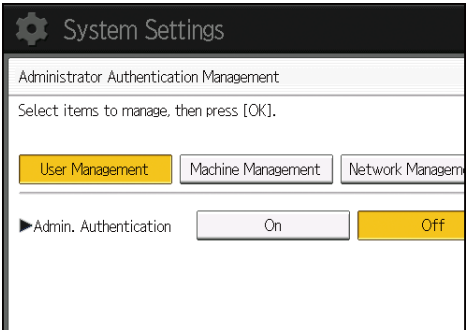


4. Press [▼Next].

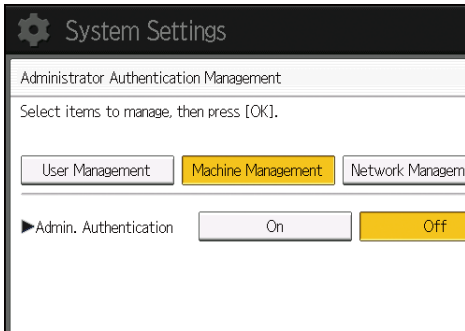
5. Press [Administrator Authentication Management].



6. Press [Machine Management].



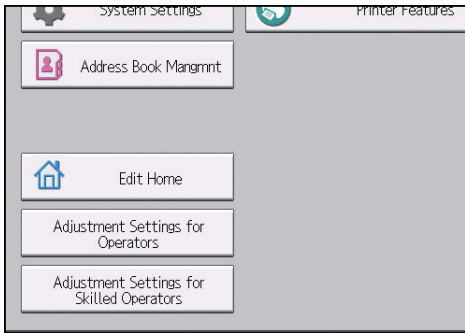
**7. Select [On] for "Admin. Authentication".**



**8. Press [OK].**

**9. Press [Exit].**

The [Adjustment Settings for Skilled Operators] button appears.

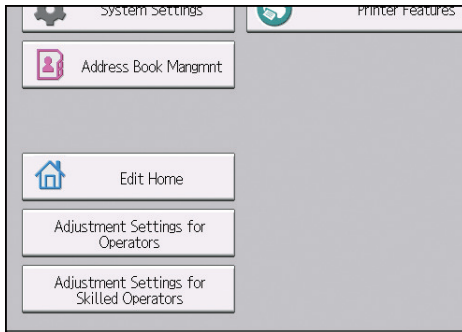


# Accessing Adjustment Settings for Skilled Operators

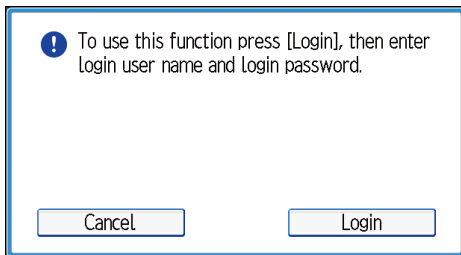
1

Only the machine administrator can access the [Adjustment Settings for Skilled Operators] menu.

## 1. Press [Adjustment Settings for Skilled Operators].

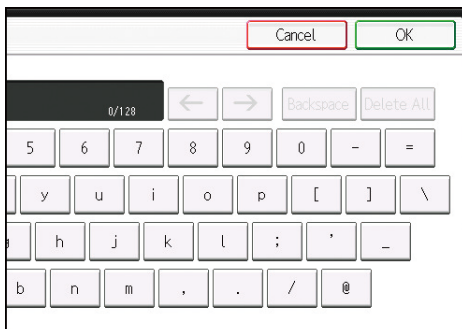


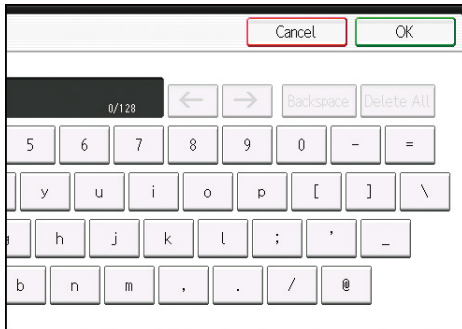
## 2. Press [Login].



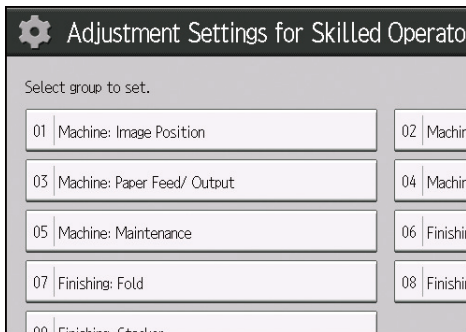
## 3. Enter your login user name, and then press [OK].

If you are logging on as the administrator for the first time, enter "admin".



**4. Enter your login password, and then press [OK].**

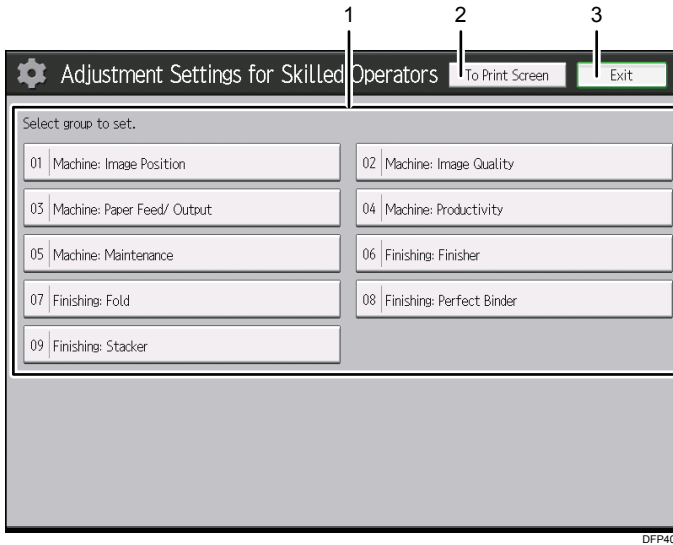
The Adjustment Settings for Skilled Operators appears.



# Layout of Adjustment Settings for Skilled Operators

1

This section explains how to use Adjustment Settings for Skilled Operators.



1. Adjustment items are displayed in this area. Select the setting you want to specify or change.
2. Press this button to display the print screen. You can use this screen to view the changes you have made.
3. Press this button to close Adjustment Settings for Skilled Operators.



# Features of the Displayed Items and Setting Operations

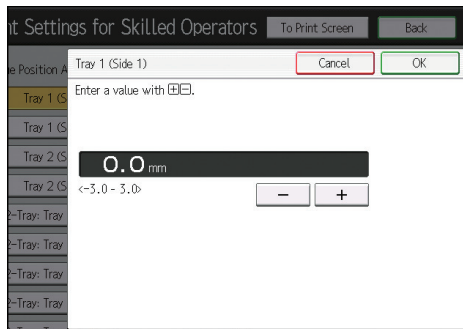
The following operations are available for each adjustment item:

- Value setting
- Item setting
- Executing
- Display only

## Value setting

Press [+] to increase the value, or [-] to decrease.

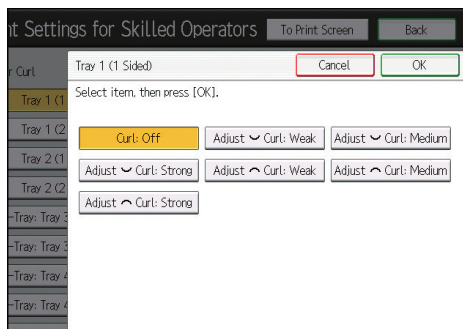
Select [OK] to apply the new setting.



## Item setting

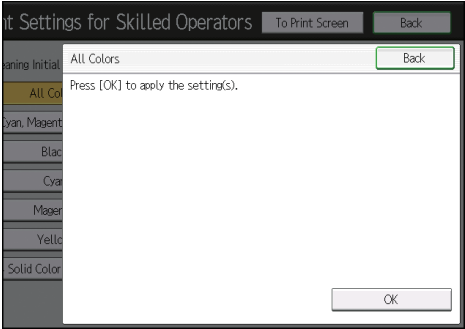
Select the item you require.

Select [OK] to apply the new setting.



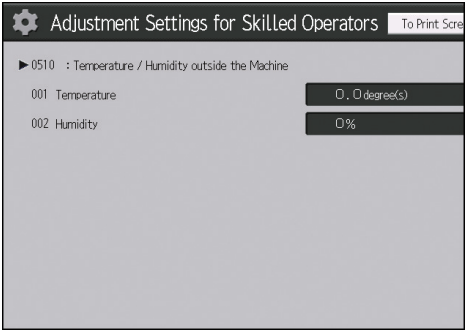
## Executing

Press [OK] to perform a selected function.



**Display only**

You can check the setting for the selected item.



# Notes on How Adjustment Settings Are Applied to Printed Copies

The adjustment settings are applied to printed copies according to the settings specified for each paper tray and paper size.

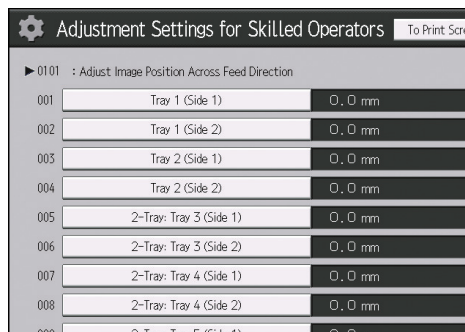
Depending on the adjustment setting, the same settings specified under different categories may be applied to printed copies concurrently.

- Settings for each paper tray
- Settings for each paper size

## Settings for each paper tray

These adjustment settings can be specified for each paper tray.

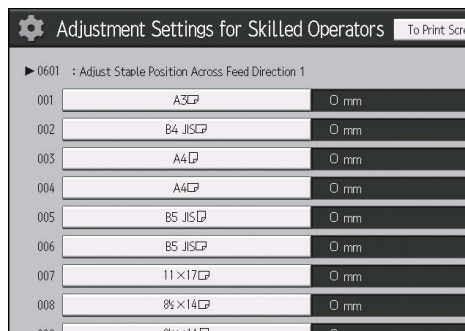
The settings are applied only to printed copies fed from each paper tray.



## Settings for each paper size

These adjustment settings can be specified for each paper size.

The settings are applied only to printed copies of each paper size.



### Note

- In "Advanced Settings" for custom paper, there are settings identical to those in Adjustment Settings for Skilled Operators. When printing is performed from a tray to which the custom paper setting is

allocated, the setting in "Advanced Settings" for the custom paper is applied instead of the setting in Adjustment Settings for Skilled Operators. For details, see page 28 "Setting Values: Adjustment Settings for Skilled Operators".

## 2. Details of Menu Items in Adjustment Settings for Skilled Operators

### Menu Items and Functions: Adjustment Settings for Skilled Operators

#### 01: [Machine: Image Position]

For details about the following items, see page 28 "01: Machine: Image Position".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
0101	[Image Position: Across Feed]	Adjust the vertical position of the print image.
0102	[Image Position: With Feed]	Adjust the horizontal position of the print image.
0103	[Registration Adjustment: Across Feed]	Specify whether or not to disable the machine's function to automatically detect paper pathway deviations during paper feeding and adjust the vertical position of the print image accordingly.
0104	[Skew Detection]	Specify whether or not to detect paper skew. This setting is not effective for paper fed from paper trays with custom paper presets.
0105	[Skew Detection Level]	Adjust the permissible range of skew.
0106	[Erase Margin: Leading Edge/Trailing Edge]	Adjust the mask width at the leading edge or trailing edge of the image.
0107	[Perpendicularity Adjustment]	Adjust the vertical skew of the image.

#### 02: [Machine: Image Quality]

For details about the following items, see page 36 "02: Machine: Image Quality".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
0201	[Adjust Image Density/ DEMS]	Execute image density control manually.
0202	[Image Density Adjustment Execute Interval]	Specify the intervals for performing image density adjustment (process control) while printing is performed.
0203	[Maximum Image Density]	Specify the adhesion of toner to the intermediate transfer belt when image density adjustment is executed.
0204	[Adjust Line Width]	Adjust the intensity of the laser for transferring image data to the drum.
0205	[Adjust Density Difference Across Feed Direction]	Adjust the image density difference between the top and bottom of the image.
0206	[Adjust Fusing Temperature on Standby]	Adjust the set fusing temperature according to the machine status.
0207	[Adjust Image Density Before Auto Color Calibration]	Adjust this setting so as to set the density of the solid-filled area to the specified value.
0208	[Feedback Rate of Auto Img Dens Adj & Color Calib]	Specify the feedback rate of auto image density adjustment and color calibration.

### 03: [Machine: Paper Feed/ Output]

For details about the following items, see page 41 "03: Machine: Paper Feed/ Output".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
0301	[Adjust Paper Curl]	Specify the method for straightening curled sheets.
0302	[Ppr Edge Detection: Sensing Duration]	Specify the detection method of the paper edge detection sensor.
0303	[Registration Gate: Paper Buckle Amount]	Adjust the degree of paper arching at the registration gate.
0304	[Double Feed Detection]	Specify whether or not to detect double feeding of paper. This setting is not effective for paper fed from paper trays with custom paper presets.

No.	Item	Description
0305	[When Double Feed is Detected]	Specify how the machine responds when it detects a double feed.
0306	[Image Magnification Auto Adjustment]	The machine measures the length and width of both sides of the paper and specifies the magnification ratio of the image on the back side according to the shrinking or transfiguration of the image.

#### 04: [Machine: Productivity]

For details about the following items, see page 45 "04: Machine: Productivity".

No.	Item	Description
0401	[Auto Color Selection Setting]	Specify the number of sheets the machine prints in full color mode before switching to black-and-white mode when printing a job which involves full color printing followed by black-and-white printing.

#### 05: [Machine: Maintenance]

For details about the following items, see page 46 "05: Machine: Maintenance".

No.	Item	Description
0501	[Execute Cleaning Initial Setting for PCU]	Perform this after replacing the cleaning unit for the photoconductor unit or the photoconductor unit (drum).
0502	[Execute Photoconductor Refreshing]	Remove dust on the drum surface.
0503	[Tighten Fuser Cleaning Unit at Replacement]	Tighten the cleaning web after replacing it.
0504	[Execute Cleaning Initial Setting for Paper Transfer Unit]	Initialize the paper transfer unit.
0505	[Fusing Belt Smoothing Setting (Set by User)]	Specify when to polish the fusing belt by selecting [Auto Execute: Set by User] in 100: [Smoothing Roller Auto Execute Setting] in "Advanced Settings".
0506	[Fusing Belt Smoothing Execution Time]	Specify the settings for each item in 0507: [Smooth Fusing Belt].

No.	Item	Description
0507	[Smooth Fusing Belt]	Polish the fusing belt manually to remove paper edge traces and remaining wax on the fusing belt.
0508	[Reset Replaceable Parts Counter]	Reset the counter for replaceable parts.
0509	[Estimated Life Already Used]	Display the duty cycle counters of replaceable parts.
0510	[Temperature / Humidity inside the Machine]	Display the internal temperature and humidity.
0511	[Temperature / Humidity outside the Machine]	Display the external temperature and humidity.
0512	[Back Up / Restore Custom Paper Data]	Back up and restore custom paper profiles.
0513	[Screw-on Cap to Replace Toner Bottle]	Screw on the toner bottle cap.  Be sure to open the toner cartridge cover (the cover of the toner cartridge compartment) in advance. After executing this function, be sure to press the button under the toner cartridge and remove the toner cartridge.
0514	[Execute Developer Refreshing]	Replenish the developer manually. Replace part of the developer in the development unit.
0515	[Developer Fill]	Fill the developer unit with fresh developer.
0516	[Developer Fill: Result]	Display the result of filling developer.
0517	[Developer Exhaust]	Discharge used developer into the developer bottle.
0518	[Developer Exhaust: Result]	Display the result of discharging developer.
0519	[Developer Setup: Execute]	Perform this after replacing the developer.
0520	[Developer Setup: Result]	Display the result of setting up the developer.
0521	[Execute Charger Cleaning]	Clean the charge roller unit.
0522	[Counter Settings for Fuser Unit Replacement]	Display the counter for the fuser unit replacement.



No.	Item	Description
0523	[Imaging Unit Initial Settings on Replacement]	Perform this after replacing the imaging unit.
0524	[Reset Imaging Unit Initial Settings on Replacement]	Manually stop the machine from performing initial adjustment after replacing the imaging unit.

## 06: [Finishing: Finisher]

For details about the following items, see page 53 "06: Finishing: Finisher".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
0601	[Adjust Staple Position Across Feed Direction 1]	Adjust the vertical position of the staple (applied at an edge) when using the Finisher SR5050 or Booklet Finisher SR5060.
0602	[Adjust Staple Position Across Feed Direction 2]	Adjust the vertical gap between staples when stapling on two parts using the Finisher SR5050 or Booklet Finisher SR5060.
0603	[Adjust Staple Position With Feed Direction]	Adjust the horizontal position of the staples when using Finisher SR5050 or Booklet Finisher SR5060.
0604	[Paper Alignment for Stapling Across Feed Direction]	Adjust the width of the staple jogger for edge stapling when using Finisher SR5050 or Booklet Finisher SR5060.
0605	[Paper Alignment for Stapling With Feed Direction]	Adjust the travel distance of the paper edge stopper for edge stapling when using Finisher SR5050 or Booklet Finisher SR5060.
0606	[Number of Sheet Align for Stapling]	Specify the number of sheets the staple unit aligns at a time for stapling.
0607	[Adjust Punch Position Across Feed Direction]	Adjust the vertical position of the punch holes when using Finisher SR5050 or Booklet Finisher SR5060.
0608	[Adjust Punch Position With Feed Direction]	Adjust the horizontal position of the punch holes when using Finisher SR5050 or Booklet Finisher SR5060.

No.	Item	Description
0609	[Punch Skew Correction]	Specify whether or not to enable punch skew correction when using Finisher SR5050 or Booklet Finisher SR5060.
0610	[Correct Punch Skew]	Adjust the amount of skew correction for punching when using Finisher SR5050 or Booklet Finisher SR5060.
0611	[Paper Alignment in Shift Tray Setting]	Specify the accuracy of printed paper alignment when applying shift-sorting with the Finisher SR5050 or Booklet Finisher SR5060.
0612	[Paper Alignment in Shift Tray Across Feed Direction]	Adjust the width of the paper alignment jogger in the shift tray when using Finisher SR5050 or Booklet Finisher SR5060.
0613	[Adjust Output Tray Descending Position]	Specify the descending position for the finisher shift tray when paper is delivered to it using Finisher SR5050 or Booklet Finisher SR5060.
0614	[Adjust Exit Guide Close Timing (Booklet Fin)]	Specify when to close the exit guide after paper is delivered to the finisher shift tray of Finisher SR5050 or Booklet Finisher SR5060.
0615	[Output Trail Edge Press Setting]	Specify whether or not to press down the trailing edge of the paper when it is delivered to the finisher shift tray of Finisher SR5050 or Booklet Finisher SR5060.
0616	[Output Fan Setting]	Specify how the shift tray fan moves when using Finisher SR5050 or Booklet Finisher SR5060.
0617	[Adjust Output Fan Level]	Adjust the airflow of the shift tray for fanning the sheets when using Finisher SR5050 or Booklet Finisher SR5060.
0618	[Adjust Staple Position for Booklet]	Adjust the horizontal position of the booklet staples when using Booklet Finisher SR5060.
0619	[Adjust Folding Position for Booklet]	Adjust the horizontal position of the folding when using Booklet Finisher SR5060.
0620	[Paper Alignment for Booklet Across Feed Dir.]	Adjust the width of the staple jogger for booklets when using Booklet Finisher SR5060.
0621	[Paper Alignment for Booklet With Feed Dir.]	Adjust the travel distance of the paper edge stopper for booklets when using Booklet Finisher SR5060.

No.	Item	Description
0622	[Set Number of Folds for Booklet]	Specify the number of additional booklet folds when using the Booklet Finisher SR5060.
0623	[Z-fold Skew Correction]	Specify how to correct skew (occurring during paper transport) when Z-folding with the folding unit.
0624	[Correct Z-fold Skew]	Adjust the length of sheets moved for Z-fold skew correction.
0625	[Correct Z-fold Skew (Reverse)]	Adjust how much the registration roller rotates in reverse for Z-fold skew correction.

### 07: [Finishing: Fold]

For details about the following items, see page 72 "07: Finishing: Fold".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
0701	[Half Fold Position (Multi-sheet Fold)]	Adjust the fold position of half folded sheets when using the multi-folding unit.
0702	[Letter Fold-out Position 1 (Multi-sheet Fold)]	Adjust the fold position for the bottom segment of letter fold-out sheets when using the multi-folding unit.
0703	[Letter Fold-out Position 2 (Multi-sheet Fold)]	Adjust the overall fold size of letters fold-out sheets when using the multi-folding unit.
0704	[Letter Fold-in Position 1 (Multi-sheet Fold)]	Adjust the fold position of the bottom segment of letter fold-in sheets when using the multi-folding unit.
0705	[Letter Fold-in Position 2 (Multi-sheet Fold)]	Adjust the fold position of letters fold-in sheets when using the multi-folding unit.
0706	[Folding Unit Tray Full Detection]	Specify whether or not to automatically detect when the folding unit tray becomes full.
0707	[Number of Sheets Folded after Full Detection]	Specify the number of sheets the machine prints when it detects that the folding unit tray is full before displaying a warning message.

### 08: [Finishing: Perfect Binder]

For details about the following items, see page 78 "08: Finishing: Perfect Binder".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
0801	[Cover Sheet Position for Perfect Binding Across Feed Dir]	Adjust the vertical alignment of the cover sheet position when performing perfect binding.
0802	[Cover Sheet Position for Perfect Binding With Feed Dir]	Adjust the horizontal alignment of the cover sheet position when performing perfect binding.
0803	[Adjust Perfect Binding Finishing Angle]	Square the top, bottom, and outside edges when trimming a deck of paper.
0804	[Adjust Applying Binding Glue]	Adjust the amount of binding glue for perfect binding.

### 09: [Finishing: Stacker]

For details about the following items, see page 81 "09: Finishing: Stacker".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
0901	[Paper Alignment in Stacker Tray Across Feed Direction 1]	Adjust the width of the main jogger when the high capacity stacker is installed.
0902	[Paper Alignment in Stacker Tray Across Feed Direction 2]	Adjust the width of the sub jogger when the high capacity stacker is installed.
0903	[Paper Alignment in Stacker Tray With Feed Direction]	Adjust the travel distance of the paper edge stopper when the high capacity stacker is installed.
0904	[Paper Alignment in 2nd Stacker Tray Across Feed Dir. 1]	Adjust the width of the main jogger when the second high capacity stacker is installed.
0905	[Paper Alignment in 2nd Stacker Tray Across Feed Dir. 2]	Adjust the width of the sub jogger when the second high capacity stacker is installed.

No.	Item	Description
0906	[Paper Alignment in 2nd Stacker Tray With Feed Direction]	Adjust the travel distance of the paper edge stopper when the second high capacity stacker is installed.
0907	[Maximum Stack Quantity in Stacker Tray]	Set the maximum number of sheets for the stacker tray.

# Setting Values: Adjustment Settings for Skilled Operators

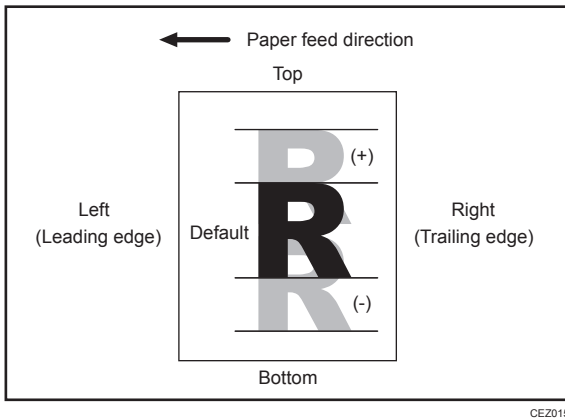
## 2

### 01: Machine: Image Position

#### 0101: [Image Position: Across Feed]

Adjust the vertical position of the print image.

The image position will be adjusted on both side 1 and side 2.



Press [+] to shift the image to the top.

Press [-] to shift the image to the bottom.

#### Note

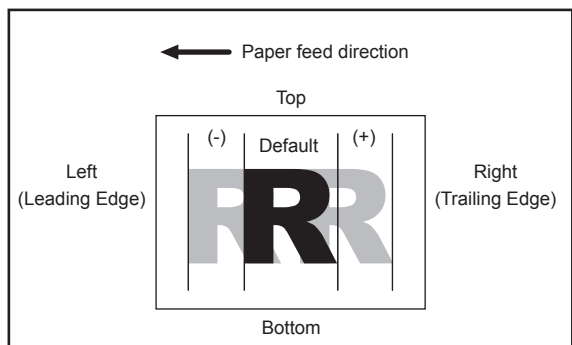
- Depending on the setup, the print side (Side 1/Side 2) with respect to the delivery and paper feed directions may vary. For details, see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".
- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in 001: [Image Position: Across Feed: Side 1], 002: [Image Position: Across Feed: Side 2] in "Advanced Settings" takes precedence.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray 1 (Side 1)]	0.0	3.0	-3.0	0.1	mm
[Tray 1 (Side 2)]					
[Tray 2 (Side 1)]					
[Tray 2 (Side 2)]					
[2-Tray: Tray 3 (Side 1)]					
[2-Tray: Tray 3 (Side 2)]					
[2-Tray: Tray 4 (Side 1)]					
[2-Tray: Tray 4 (Side 2)]					
[2-Tray: Tray 5 (Side 1)]					
[2-Tray: Tray 5 (Side 2)]					
[2-Tray: Tray 6 (Side 1)]					
[2-Tray: Tray 6 (Side 2)]					
[2-Tray: Tray 7 (Side 1)]					
[2-Tray: Tray 7 (Side 2)]					
[2-Tray: Tray 8 (Side 1)]					
[2-Tray: Tray 8 (Side 2)]					
[Bypass Tray (Side 1)]					
[Bypass Tray (Side 2)]					

### 0102: [Image Position: With Feed]

Adjust the horizontal position of the print image.

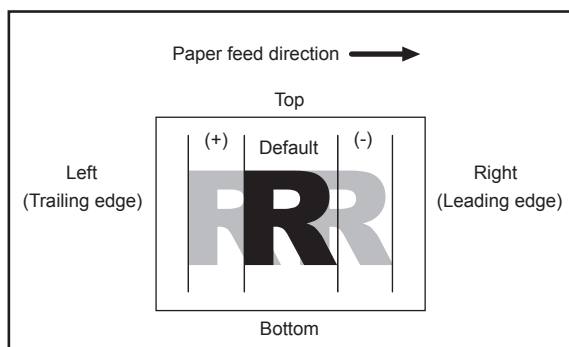
You cannot individually adjust the image position on sides 1 and 2.

**Side 1**

CEZ012

Press [+] to shift the image to the right (trailing edge).

Press [-] to shift the image the left (leading edge).

**Side 2**

CEZ013

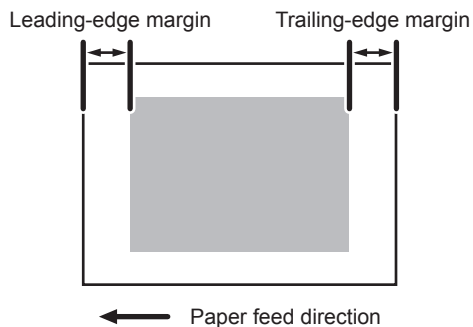
Press [+] to shift the image to the left (trailing edge).

Press [-] to shift the image to the right (leading edge).

**Note**

- Depending on the setup, the print side (Side 1/Side 2) with respect to the delivery and paper feed directions may vary. For details, see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".
- If the leading-edge margin on Side 1 of the paper is too narrow, paper jams may occur.
- If the trailing-edge margin on Side 1 of the paper is too narrow, paper jams may occur when printing on the back side of paper during duplex printing.





CEZ586

- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in 003: [Image Position: With Feed: Side 1], 004: [Image Position: With Feed: Side 2] in "Advanced Settings" takes precedence.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray 1 (Side 1)]	0.0	3.0	-3.0	0.1	mm
[Tray 1 (Side 2)]					
[Tray 2 (Side 1)]					
[Tray 2 (Side 2)]					
[2-Tray: Tray 3 (Side 1)]					
[2-Tray: Tray 3 (Side 2)]					
[2-Tray: Tray 4 (Side 1)]					
[2-Tray: Tray 4 (Side 2)]					
[2-Tray: Tray 5 (Side 1)]					
[2-Tray: Tray 5 (Side 2)]					
[2-Tray: Tray 6 (Side 1)]					
[2-Tray: Tray 6 (Side 2)]					
[2-Tray: Tray 7 (Side 1)]					
[2-Tray: Tray 7 (Side 2)]					
[2-Tray: Tray 8 (Side 1)]					
[2-Tray: Tray 8 (Side 2)]					
[Bypass Tray (Side 1)]					
[Bypass Tray (Side 2)]					

### 0103: [Registration Adjustment: Across Feed]

Specify whether or not to disable the machine's function to automatically detect paper pathway deviations during paper feeding and adjust the vertical position of the print image accordingly.

This function relies on a sensor that receives light reflected from the paper's surface. Because of this, it may not work with non-reflective paper such as dark paper, transparencies, or printed paper that has no margins. If this function does not work with the paper you have loaded, disable this function by selecting [On].

**Note**

- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in 118: [Registration Adjustment: Across Feed] in "Advanced Settings" takes precedence.

Setting Items	Values	Default Value
[Tray 1]	[On] [Off]	[Off]
[Tray 2]		
[2-Tray LCT: Tray 3]		
[2-Tray LCT: Tray 4]		
[2-Tray LCT: Tray 5]		
[2-Tray LCT: Tray 6]		
[2-Tray LCT: Tray 7]		
[2-Tray LCT: Tray 8]		
[Bypass Tray]		

**0104: [Skew Detection]**

Specify whether or not to detect paper skew.

If the machine detects a paper skew when this is set to [On], it will stop printing and display a message reporting a paper jam.

The machine may erroneously detect paper skew when using dark paper or paper printed to its edges. In such a case, select [Off].

**Note**

- You can adjust the skew detection level by specifying 0105: [Skew Detection Level].
- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in 015: [Skew Detection] in "Advanced Settings" takes precedence.

Setting Items	Values	Default Value
[Tray 1]	[On] [Off]	[On]
[Tray 2]		
[2-Tray LCT: Tray 3]		
[2-Tray LCT: Tray 4]		
[2-Tray LCT: Tray 5]		
[2-Tray LCT: Tray 6]		
[2-Tray LCT: Tray 7]		
[2-Tray LCT: Tray 8]		
[Bypass Tray]		

0105: [Skew Detection Level]

Adjust the permissible range of skew.

By increasing the permissible range of skew, you can make the machine print without stopping for skews within the permissible range.

This is enabled only if 0104: [Skew Detection] is set to [On].

Press [+] to increase the permissible range or [-] to decrease it.

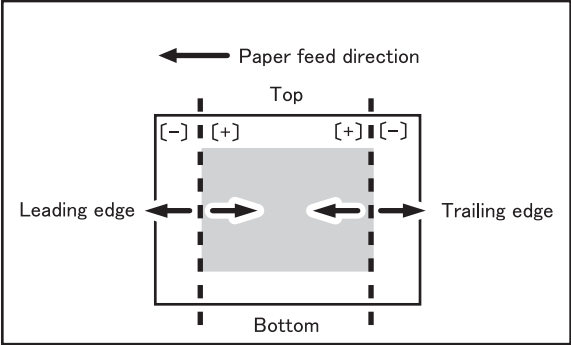
Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray 1]	3.0	7.5	1.6	0.1	mm
[Tray 2]					
[2-Tray LCT: Tray 3]					
[2-Tray LCT: Tray 4]					
[2-Tray LCT: Tray 5]					
[2-Tray LCT: Tray 6]					
[2-Tray LCT: Tray 7]					
[2-Tray LCT: Tray 8]					
[Bypass Tray]					

0106: [Erase Margin: Leading Edge/Trailing Edge]

Adjust the mask width at the leading edge or trailing edge of the image.

By increasing the mask width, you can increase the paper margin at the leading edge, or trailing edge of the paper.

Press [+] or [-] to adjust the mask width.



CEZ019

Note

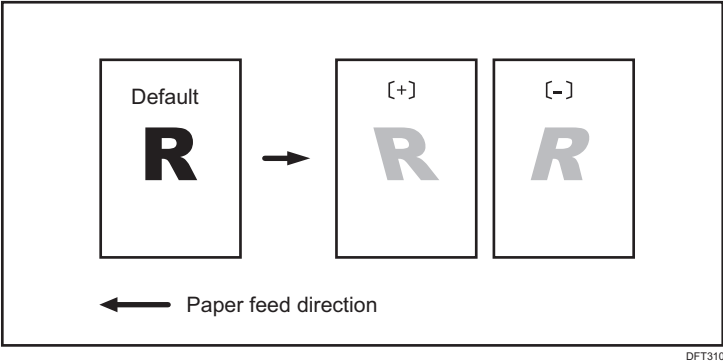
- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in 013: [Erase Margin: Leading Edge] and 014: [Erase Margin: Trailing Edge] in "Advanced Settings" takes precedence.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Adjust Erase Margin of Leading Edge]	0.0	6.0	0.0	0.1	mm
[Adjust Erase Margin of Trailing Edge]					

0107: [Perpendicularity Adjustment]

Adjust the vertical skew of the image.

Press [+] to skew the image counterclockwise or [-] to skew it clockwise.



Setting Item	Default Value	Max. Value	Min. Value	Step	Unit
[Perpendicularity Adjustment]	0	20	-20	1	None

02: Machine: Image Quality

0201: [Adjust Image Density/ DEMS]

Execute image density control manually.

Adjust the machine's operating condition to preserve the specified amount of toner on the intermediate transfer belt.

During the operation, a message appears on the control panel. Do not open any covers while the message is being displayed.

Setting Items	Remarks
[Image Density Adjustment: Manual Execute]	Press [OK].
[Execute DEMS]	

**Note**

- The machine adjusts image density automatically according to its operating status. However, it is possible to adjust image density manually when it is required prior to color calibration of the external controller or at any other time required for the machine's maintenance.

## 0202: [Image Density Adjustment Execute Interval]

Specify the intervals for performing image density adjustment (process control) while printing is performed.

After printing the specified number of sheets in 0202: [Image Density Adjustment Execute Interval], the machine will stop printing and it automatically adjusts image density.

If you set this to "0", image density is not adjusted during printing.

**Note**

- If you need to adjust the image density manually for machine maintenance, select 0201: [Adjust Image Density/ DEMS] and execute [Image Density Adjustment: Manual Execute].

Setting Item	Default Value	Max. Value	Min. Value	Step	Unit
[No. of Pages per Interval (Color Printing)]	0	5000	0	1	sheet(s)

## 0203: [Maximum Image Density]

Specify the adhesion of toner to the intermediate transfer belt when image density adjustment is executed.

Press [+] or [-] to adjust the toner adhesion.

Change this setting to adjust image density (process control) automatically before the machine starts printing.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Black]	0	5	-5	1	None
[Cyan]					
[Magenta]					
[Yellow]					

0204: [Adjust Line Width]

Adjust the intensity of the laser for transferring image data to the drum.

Press [+] or [-] to adjust the laser intensity.

Enhance the intensity of the laser to increase the line width of dots and thin lines in half-tone images.

Change this setting to adjust image density (process control) automatically before the machine starts printing.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Black]	0	5	-5	1	None
[Cyan]					
[Magenta]					
[Yellow]					

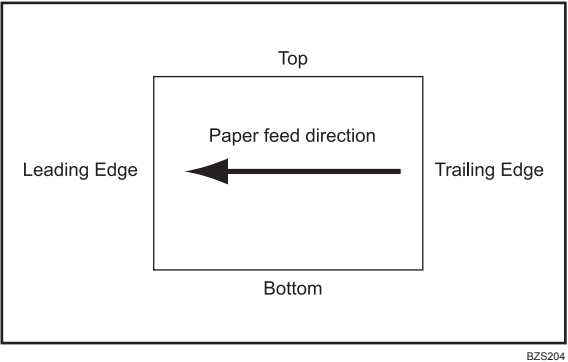
0205: [Adjust Density Difference Across Feed Direction]

Adjust the image density difference between the top and bottom of the image.

To make the adjusted settings take effect, turn the main power off and then back on.

Press [+] to increase the density at the bottom (and decrease it at the top) and press [-] to decrease the density at the bottom (and increase it at the top).





**Note**

- Depending on the machine's other settings, this setting may have no effect.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Black]	0	10	-10	1	None
[Cyan]					
[Magenta]					
[Yellow]					
[Execute Auto Adjustment (All Colors)]	Press [OK] to execute the auto adjustment or clear the adjustment result.				
[Clear Adjustment (All Colors)]					
[Execute Auto Adjustment (Black)]					
[Clear Adjustment (Black)]					
[Execute Auto Adjustment (Cyan)]					
[Clear Adjustment (Cyan)]					
[Execute Auto Adjustment (Magenta)]					
[Clear Adjustment (Magenta)]					
[Execute Auto Adjustment (Yellow)]					
[Clear Adjustment (Yellow)]					

**0206: [Adjust Fusing Temperature on Standby]**

Adjust the set fusing temperature according to the machine status.

To achieve proper fusing when printing, the machine adjusts the temperature of the heating roller according to the paper type or thickness. You can reduce the wait time during which the machine makes this adjustment by changing the temperature in effect during standby.

In [Temperature on Standby Mode], specify the fusing temperature in standby mode (when the panel is lit and the machine is ready for immediate operation).

**Note**

- Depending on the machine's other settings, this setting may have no effect.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Temperature on Standby Mode]	150	200	0	1	degree(s)

**0207: [Adjust Image Density Before Auto Color Calibration]**

Adjust this setting so as to set the density of the solid-filled area to the specified value. Be sure to adjust it before performing the auto color calibration.

Setting Items	Remarks
[Image Density Adjustment: Manual Execute]	Press [OK].

**0208: [Feedback Rate of Auto Img Dens Adj & Color Calib]**

Specify the feedback rate of auto image density adjustment and color calibration.

The concentration difference increases the closer it gets to 100%, and decreases towards 0%.

If concentration difference still exists between adjacent pages in a print job after the auto image density adjustment and color calibration functions are performed, specify a smaller number.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Black]	100	100	0	1	%
[Cyan]					
[Magenta]					
[Yellow]					

03: Machine: Paper Feed/ Output

0301: [Adjust Paper Curl]

Specify the method for straightening curled sheets.

Select the method according to the direction and degree of curl.

If the paper is curled face up, select "∪Curl". If it is curled face down, select "∩Curl". Depending on how much the paper is curled, specify the degree of correction by selecting "Weak", "Medium" or "Strong".

When you perform single-sided printing with the printed side face down, specify this setting to straighten the curl in the opposite direction.

Setting Items	Values	Default Value
[Tray 1 (1 Sided)]	[Curl: Off]	[Curl: Off]
[Tray 1 (2 Sided)]	[Adjust $\smile$ Curl: Weak]	
[Tray 2 (1 Sided)]	[Adjust $\smile$ Curl: Medium]	
[Tray 2 (2 Sided)]	[Adjust $\smile$ Curl: Strong]	
[2-Tray: Tray 3 (1 Sided)]	[Adjust $\frown$ Curl: Weak]	
[2-Tray: Tray 3 (2 Sided)]	[Adjust $\frown$ Curl: Medium]	
[2-Tray: Tray 4 (1 Sided)]	[Adjust $\frown$ Curl: Strong]	
[2-Tray: Tray 4 (2 Sided)]		
[2-Tray: Tray 5 (1 Sided)]		
[2-Tray: Tray 5 (2 Sided)]		
[2-Tray: Tray 6 (1 Sided)]		
[2-Tray: Tray 6 (2 Sided)]		
[2-Tray: Tray 7 (1 Sided)]		
[2-Tray: Tray 7 (2 Sided)]		
[2-Tray: Tray 8 (1 Sided)]		
[2-Tray: Tray 8 (2 Sided)]		
[Bypass Tray (1 Sided)]		
[Bypass Tray (2 Sided)]		

### 0302: [Ppr Edge Detection: Sensing Duration]

Specify the illumination mode of the paper edge detection sensor.

In [Short Time] mode, the paper edge detection sensor casts light on paper several times to reduce measurement errors.

In [Long Time] mode, the paper edge detection sensor casts light for a long time to detect paper.

Select [Long Time] for dark colored paper, transparencies, or other media that are difficult for the paper edge detection sensor to detect in [Short Time] mode.

Setting Items	Values	Default Value
[Tray 1]	[Short Time] [Long Time]	[Short Time]
[Tray 2]		
[2-Tray LCT: Tray 3]		
[2-Tray LCT: Tray 4]		
[2-Tray LCT: Tray 5]		
[2-Tray LCT: Tray 6]		
[2-Tray LCT: Tray 7]		
[2-Tray LCT: Tray 8]		
[Bypass Tray]		

0303: [Registration Gate: Paper Buckle Amount]

Adjust the degree of paper arching at the registration gate.

If the paper arching is too small or too large, the image may be misaligned or the paper may become skewed.

Press [+] or [-] to adjust the degree of paper arching.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray 1]	0	5	-3	1	mm
[Tray 2]					
[2-Tray LCT: Tray 3]					
[2-Tray LCT: Tray 4]					
[2-Tray LCT: Tray 5]					
[2-Tray LCT: Tray 6]					
[2-Tray LCT: Tray 7]					
[2-Tray LCT: Tray 8]					
[Bypass Tray]					

### 0304: [Double Feed Detection]

Specify whether or not to detect double feeding of paper.

If this is set to [On], the machine can detect double feeding, which prevents blank sheets turning up in the delivered paper.

The machine may erroneously detect double feeding when using special paper (double-layer paper, such as label paper). If such erroneous detection occurs, set this to [Off].

#### ↓ Note

- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in 1 1 3: [Double Feed Detection] in "Advanced Settings" takes precedence.

Setting Items	Values	Default Value
[Tray 1]	[On] [Off]	[On]
[Tray 2]		
[2-Tray LCT: Tray 3]		
[2-Tray LCT: Tray 4]		
[2-Tray LCT: Tray 5]		
[2-Tray LCT: Tray 6]		
[2-Tray LCT: Tray 7]		
[2-Tray LCT: Tray 8]		
[Bypass Tray]		

### 0305: [When Double Feed is Detected]

Specify how the machine behaves when it detects a double feed.

If [Suspended] is selected, the machine, on detecting a double feed, stops printing and displays a paper misfeed message.

If you set this to [Paper Divrsn. to Rev. Area], printing stops when the machine detects a double feed, the paper remaining inside the machine is delivered to the switchback drive, and then a message reporting a paper jam appears.

If you set this to [Paper Divrsn. to Tr.-Fu. Area], printing stops when the machine detects a double feed, the paper remaining inside the machine is delivered to the paper feed unit located between the paper transfer unit and fusing unit, and then a message reporting a paper jam appears.

This setting is enabled only if 0304: [Double Feed Detection] is set to [On].

Setting Item	Values	Default Value
[When Double Feed is Detected]	[Suspended] [Paper Divrsn. to Rev. Area] [Paper Divrsn. to Tr.-Fu. Area]	[Paper Divrsn. to Rev. Area]

2

### 0306: [Image Magnification Auto Adjustment]

The machine measures the length and width of both sides of the paper and specifies the magnification ratio of the image on the back side according to the shrinking or transfiguration of the image.

Use this setting when printing continuously on paper that shrinks a lot.

Setting Items	Values	Default Value
[Tray 1]	[Deactivate] [Activate]	[Deactivate]
[Tray 2]		
[2-Tray LCT: Tray 3]		
[2-Tray LCT: Tray 4]		
[2-Tray LCT: Tray 5]		
[2-Tray LCT: Tray 6]		
[2-Tray LCT: Tray 7]		
[2-Tray LCT: Tray 8]		
[Bypass Tray]		

## 04: Machine: Productivity

### 0401: [Auto Color Selection Setting]

Specify the number of sheets the machine prints in full color mode to black-and-white mode when you change the color mode.

- When the machine performs black-and-white printing after full color printing, you can specify whether the machine performs black-and-white printing in full color or it performs black-and-white printing in black-and-white mode after printing a specified number of black-and-white sheets in full color mode.
- When the machine performs two-color printing after full color printing, you can specify whether the machine performs two-color printing in full color or it performs two-color printing in two-color mode after printing a specified number of two-color sheets in full color mode.

Because switching color modes takes time, you can improve throughput by increasing the number of sheets printed prior to switching.

For example, if you set this to "5 sheets", full color mode switches to black-and-white mode after 5 black-and-white sheet is printed in full color mode.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Switch to B&W Printing]	0	10	1	1	sheet(s)
[Switch to Two-color Printing]					

05: Machine: Maintenance

0501: [Execute Cleaning Initial Setting for PCU]

Perform this after replacing the cleaning unit for the photoconductor unit or the photoconductor unit (drum). For details about replacing units, see Replacement Guide.

This operation takes one or two minutes. During this operation, a message appears on the control panel. Do not open any covers while the message is being displayed.

Setting Items	Remarks
[All Colors]	Press [OK].
[Cyan, Magenta, Yellow]	
[Black]	
[Cyan]	
[Magenta]	
[Yellow]	



Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A4 Solid Color Page Count]	6	100	0	1	sheet(s)

## 0502: [Execute Photoconductor Refreshing]

2

Remove dust on the drum surface.

This operation takes about 4 minutes. Do not open any covers during the operation.

Setting Item	Value
[Execute Photoconductor Refreshing]	Press [OK].

## 0503: [Tighten Fuser Cleaning Unit at Replacement]

Tighten the cleaning web after replacing it.

If the cleaning web becomes loose, it may fail to perform cleaning properly and dust and toner will be left on images. Tighten the unit after replacing the cleaning web. For details about replacing units, see Replacement Guide.

This operation takes about one minute. During the operation, a message appears on the control panel. Do not open any covers while the message is being displayed.

Setting Item	Remarks
[Tighten Fuser Cleaning Unit]	Press [OK].

## 0504: [Execute Cleaning Initial Setting for Paper Transfer Unit]

Initialize the paper transfer unit.

Perform this after replacing the paper transfer unit. For details about replacing units, see Replacement Guide.

This operation takes one or two minutes. During this operation, a message appears on the control panel. Do not pull out the drawer while the message is being displayed.

Setting Item	Remarks
[Execute Cleaning Initial Setting for Paper Transfer Unit]	Press [OK].

**0505: [Fusing Belt Smoothing Setting (Set by User)]**

Specify when to polish the fusing belt by selecting [Auto Execute: Set by User] in 100: [Smoothing Roller Auto Execute Setting] in "Advanced Settings".

When set to [Interval for Executing Short Time Smoothing], the fusing belt is polished with a relatively short interval and execution time.

When set to [Period for Performing Long Time Smoothing], the fusing belt is polished with a relatively long interval and execution time.

Setting Items	Default Value	Max. Value	Min. Value	Unit
[Interval for Executing Short Time Smoothing]	500	2600	1	sheet(s)
[Period for Performing Long Time Smoothing]	150	360	0	second(s)

**0506: [Fusing Belt Smoothing Execution Time]**

Specify the settings for each item in 0507: [Smooth Fusing Belt].

Setting Items	Default Value	Max. Value	Min. Value	Unit
[Fixed Time: For Belt Scratches]	150	3600	0	second(s)
[Fixed Time: For Uneven Gloss]	3	60	0	second(s)

**0507: [Smooth Fusing Belt]**

Polish the fusing belt manually to remove paper edge traces and remaining wax on the fusing belt.

If lines appear in the paper feed direction due to scratches on the fusing belt, select [For Belt Scratches].

Select [For Uneven Gloss (Short Time)] if there are patches of uneven glossiness.

Setting Items	Remarks
[For Belt Scratches]	Press [OK].
[For Uneven Gloss (Short Time)]	

**0508: [Reset Replaceable Parts Counter]**

Reset the counter for replaceable parts.

Replace a unit and then the counter for the unit. For details about replacing units, see Replacement Guide.

### 0509: [Estimated Life Already Used]

Display the values at which replaceable units must be replaced.

When a counter reaches the specified value, a message reporting that the corresponding unit must be replaced appears.

2

### 0510: [Temperature / Humidity inside the Machine]

Display the internal temperature and humidity.

Setting Items	Remarks
[PCU 1 Temperature]	Value display only.
[PCU 1 Humidity]	
[PCU 2 Temperature]	
[PCU 2 Humidity]	

### 0511: [Temperature / Humidity outside the Machine]

Display the external temperature and humidity.

Setting Items	Remarks
[Temperature]	Value display only.
[Humidity]	

### 0512: [Back Up / Restore Custom Paper Data]

Back up and restore custom paper profiles.

With [Back Up Saved Paper Library], custom paper profiles saved in [Saved Paper Library] can be backed up to the SD card inserted in the back of the machine.

With [Back Up Custom Paper Settings], custom paper profiles registered under the [Edit Custom Paper] setting can be backed up to the SD card inserted in the side of the control panel.

With [Restore Custom Paper Settings], custom paper profiles backed up with [Restore Custom Paper Settings] can be restored.

For details, see page 96 "Backing up and Restoring Custom Paper Profiles".

Setting Items	Remarks
[Back Up Saved Paper Library]	Press [OK].
[Back Up Custom Paper Settings]	
[Restore Custom Paper Settings]	

### 0513: [Screw-on Cap to Replace Toner Bottle]

Screw on the toner bottle cap.

By pressing [OK], the cap is screwed on. Screwing on the cap allows you to remove a toner bottle still in use. Use this to replace a toner bottle in use with a new toner bottle.

Setting Items	Remarks
[Screw-on Cap of Toner Bottle (Black 1)]	Press [OK].  Be sure to open the toner cartridge cover (the cover of the toner cartridge compartment) in advance. After executing this function, be sure to press the button under the toner cartridge and remove the toner cartridge.
[Screw-on Cap of Toner Bottle (Black 2)]	
[Screw-on Cap of Toner Bottle (Cyan 1)]	
[Screw-on Cap of Toner Bottle (Cyan 2)]	
[Screw-on Cap of Toner Bottle (Magenta 1)]	
[Screw-on Cap of Toner Bottle (Magenta 2)]	
[Screw-on Cap of Toner Bottle (Yellow 1)]	
[Screw-on Cap of Toner Bottle (Yellow 2)]	

### 0514: [Execute Developer Refreshing]

Replenish the developer manually. Replace part of the developer in the development unit.

If this operation is suspended due to, for instance, the main unit cover is opened during the operation, exit from the Adjustment Settings for Skilled Operators menu, and then open and close the cover to make the machine resume operation.

Setting Items	Remarks
[All Colors]	Press [OK].
[Black]	
[Cyan]	
[Magenta]	
[Yellow]	

### 0515: [Developer Fill]

Fill the developer unit with fresh developer.  
The customer engineer performs this operation.

### 0516: [Developer Fill: Result]

Display the result of filling developer.  
The customer engineer performs this operation.

### 0517: [Developer Exhaust]

Use this to replace the developer.  
Discharge used developer into the developer bottle.  
The customer engineer performs this operation.

### 0518: [Developer Exhaust: Result]

Display the result of discharging developer.  
The customer engineer performs this operation.

### 0519: [Developer Setup: Execute]

Perform this after replacing the developer.  
The customer engineer performs this operation.

### 0520: [Developer Setup: Result]

Indicates how the developer is attached.

The customer engineer performs this operation.

### 0521: [Execute Charger Cleaning]

Clean the charger roller unit.

If the printed copies have vertical creases, clean the charger. This may reduce the problem.

Do not open any covers during the operation.

Setting Items	Values
[All Colors]	Press [OK].
[Black]	
[Cyan]	
[Magenta]	
[Yellow]	

### 0522: [Counter Settings for Fuser Unit Replacement]

Display the counter for the fusing unit replacement.

### 0523: [Imaging Unit Initial Settings on Replacement]

When displayed, 16-digit binary numbers indicate the items for and history of the initial settings of the imaging unit to be replaced.

Setting Items	Remarks
[Imaging Unit Initial Settings on Replacement]	[Items] [History]

### 0524: [Reset Imaging Unit Initial Settings on Replacement]

Delete the items for and history of the initial settings of the imaging unit to be replaced.

Setting Items	Remarks
[Reset Imaging Unit Initial Settings on Replacement]	Press [OK].

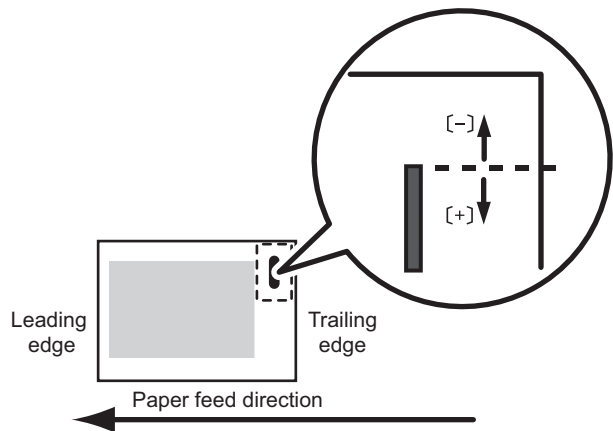
06: Finishing: Finisher

2

0601: [Adjust Staple Position Across Feed Direction 1]

Adjust the vertical position of the staple (applied at an edge) when using the Finisher SR5050 or Booklet Finisher SR5060.

Press [+] to move the stapling position away from the side edge of the sheet or [-] to move it toward the edge.



CZC212

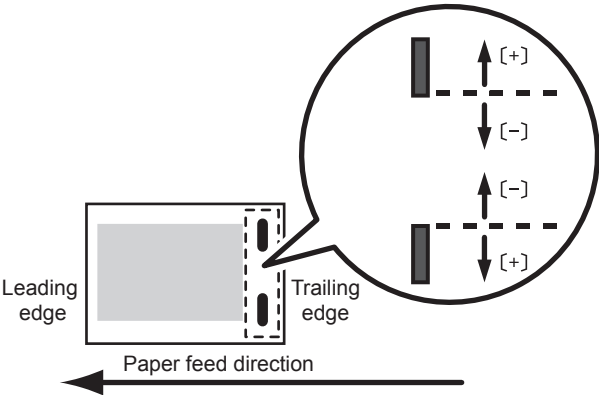
Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3 $\square$ ]	0	2	-2	1	mm
[B4 JIS $\square$ ]					
[A4 $\square$ ]					
[A4 $\square$ ]					
[B5 JIS $\square$ ]					
[B5 JIS $\square$ ]					
[11 × 17 $\square$ ]					
[8 <sup>1</sup> / <sub>2</sub> × 14 $\square$ ]					
[8 <sup>1</sup> / <sub>2</sub> × 11 $\square$ ]					
[8 <sup>1</sup> / <sub>2</sub> × 11 $\square$ ]					
[8K $\square$ ]					
[16K $\square$ ]					
[16K $\square$ ]					
[Other Paper Sizes]					

### 0602: [Adjust Staple Position Across Feed Direction 2]

Adjust the vertical gap between the staples when stapling on two parts using the Finisher SR5050 or Booklet Finisher SR5060.

Press [+] to move the two stapling positions away from the center and each other or [-] to move them toward each other.





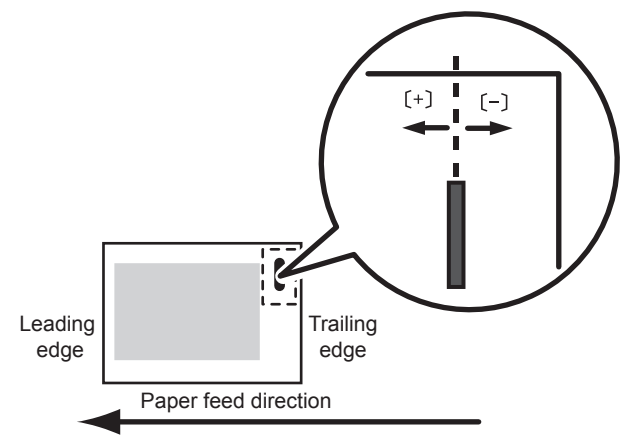
DFP405

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3☐]	0	115	-16	1	mm
[B4 JIS☐]		75			
[A4☐]		115			
[A4☐]		28			
[B5 JIS☐]		75			
[B5 JIS☐]		0			
[11 × 17☐]		98			
[8 <sup>1</sup> / <sub>2</sub> × 14☐]		34			
[8 <sup>1</sup> / <sub>2</sub> × 11☐]		98			
[8 <sup>1</sup> / <sub>2</sub> × 11☐]		34			
[8K☐]		85			
[16K☐]		85			
[16K☐]		12			
[Other Paper Sizes]		115			

0603: [Adjust Staple Position With Feed Direction]

Adjust the horizontal position of the staples when using Finisher SR5050 or Booklet Finisher SR5060.

Press **[+]** to move the stapling position away from the trailing edge of the sheet or **[-]** to move it toward the edge.
















CZC216

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3 $\square$ ]	0	2	-2	1	mm
[B4 JIS $\square$ ]					
[A4 $\square$ ]					
[A4 $\square$ ]					
[B5 JIS $\square$ ]					
[B5 JIS $\square$ ]					
[11 $\times$ 17 $\square$ ]					
[8 $\frac{1}{2}$ $\times$ 14 $\square$ ]					
[8 $\frac{1}{2}$ $\times$ 11 $\square$ ]					
[8 $\frac{1}{2}$ $\times$ 11 $\square$ ]					
[8K $\square$ ]					
[16K $\square$ ]					
[16K $\square$ ]					
[Other Paper Sizes]					

## 0604: [Paper Alignment for Stapling Across Feed Direction]

Adjust the width of the staple jogger for edge stapling when using Finisher SR5050 or Booklet Finisher SR5060.














Use this to reduce the vertical variation in paper alignment due to differing size, thickness, or paper curl. Press [+] to make the width of the staple jogger wider, or [-] to make narrower.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3 	0.0	1.0	-1.0	0.1	mm
[B4 JIS 					
[A4 					
[A4 					
[B5 JIS 					
[B5 JIS 					
[11 × 17 					
[8 <sup>1</sup> / <sub>2</sub> × 14 					
[8 <sup>1</sup> / <sub>2</sub> × 11 					
[8 <sup>1</sup> / <sub>2</sub> × 11 					
[8K 					
[16K 					
[16K 					
[Other Paper Sizes]					

## 0605: [Paper Alignment for Stapling With Feed Direction]

Adjust the travel distance of the paper edge stopper for edge stapling in order to reduce horizontal variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR5050 or Booklet Finisher SR5060.

Press [+] to increase the travel distance, or [-] to decrease.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3 	0.0	2.5	-2.5	0.1	mm
[B4 JIS 					
[A4 					
[A4 					
[B5 JIS 					
[B5 JIS 					
[11 × 17 					
[8 <sup>1</sup> / <sub>2</sub> × 14 					
[8 <sup>1</sup> / <sub>2</sub> × 11 					
[8 <sup>1</sup> / <sub>2</sub> × 11 					
[8K 					
[16K 					
[16K 					
[Other Paper Sizes]					

0606: [Number of Sheet Align for Stapling]

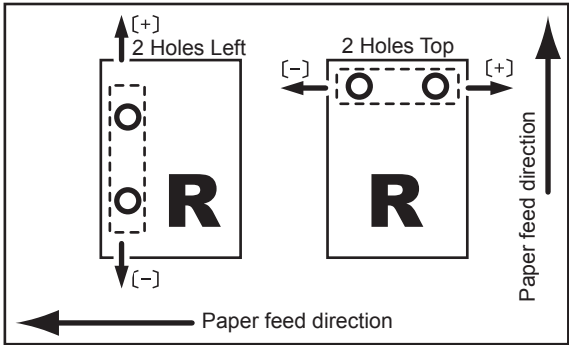
Specify the number of sheets the staple unit aligns at a time for stapling.

Depending on the type of paper, if too many sheets are sent to the staple unit at a time, they may not be aligned properly. If this happens, reduce the number of sheets. However, doing this will increase the time it takes to align the sheets and may reduce throughput.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	4	4	0	1	sheet(s)
[B4 JIS□]					
[A4□]	6	6			
[A4□]	4	4			
[B5 JIS□]	6	6			
[B5 JIS□]	4	4			
[11 × 17□]					
[8 <sup>1</sup> / <sub>2</sub> × 14□]					
[8 <sup>1</sup> / <sub>2</sub> × 11□]	6	6			
[8 <sup>1</sup> / <sub>2</sub> × 11□]	4	4			
[8K□]					
[16K□]	6	6			
[16K□]	4	4			
[Other Paper Sizes]	0	9			

0607: [Adjust Punch Position Across Feed Direction]

Adjust the vertical position of the punch holes when using Finisher SR5050 or Booklet Finisher SR5060. Press [+] to move punch holes forward (up), or [-] to move them backward (down).



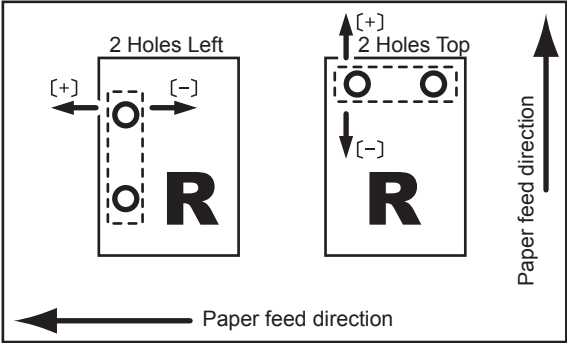
CDS027

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[2 Holes Type JP / EU]	0.0	2.0	-2.0	0.5	mm
[3 Holes Type US]					
[4 Holes Type EU]					
[4 Holes Type NE]					
[2 Holes Type US]					

0608: [Adjust Punch Position With Feed Direction]

Adjust the horizontal position of the punch holes when using Finisher SR5050 or Booklet Finisher SR5060.

Press [+] to move the punch holes away from the sheet's trailing edge or [-] to move them toward the edge.



CDS026

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[2 Holes Type JP / EU]	0.0	4.0	-4.0	0.5	mm
[3 Holes Type US]					
[4 Holes Type EU]					
[4 Holes Type NE]					
[2 Holes Type US]					

### 0609: [Punch Skew Correction]

Specify whether or not to enable punch skew correction when using Finisher SR5050 or Booklet Finisher SR5060.

If jams or edge-folding problems occur particularly when punching lightweight paper, select [Off].

Setting Item	Values	Default Value
[Punch Skew Correction]	[On] [Off]	[On]

### 0610: [Correct Punch Skew]

Adjust the amount of skew correction for punching when using Finisher SR5050 or Booklet Finisher SR5060.

Use this to reduce punching skew due to differing size, thickness, or paper curl.

If the sheets become skewed as a result of punching, press [+] to increase the degree of skew correction.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A4□]	0.0	1.0	-1.0	0.5	mm
[B5 JIS□]					
[A5□]					
[A5□]					
[8 1/2 × 11□]					
[5 1/2 × 8 1/2□]					
[5 1/2 × 8 1/2□]					
[Other Paper Sizes]					

### 0611: [Paper Alignment in Shift Tray Setting]

Specify the accuracy of printed paper alignment when applying shift-sorting with the Finisher SR5050 or Booklet Finisher SR5060.

Use this if the tops of the sheets stacked by shift-sorting are misaligned.

If [Speed Priority (Normal)] is selected, the shifting speed is reduced by approximately half to reduce them is alignment at the top due to inertia when the tray is moved.

Setting Item	Values	Default Value
[Paper Alignment in Shift Tray Setting]	[Speed Priority (Normal)] [Accuracy Priority]	[Speed Priority (Normal)]

**0612: [Paper Alignment in Shift Tray Across Feed Direction]**

Adjust the width of the paper alignment jogger in the shift tray when using Finisher SR5050 or Booklet Finisher SR5060.

Use this to reduce the vertical variation in paper alignment due to differing size, thickness, or paper curl.  
Press [+] to make the width of the paper alignment jogger wider, or [-] to make narrower.



Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3☐]	0.0	1.0	-1.0	0.1	mm
[B4 JIS☐]					
[A4☐]					
[A4☐]					
[B5 JIS☐]					
[B5 JIS☐]					
[A5☐]					
[A5☐]					
[11 × 17☐]					
[8 <sup>1</sup> / <sub>2</sub> × 14☐]					
[8 <sup>1</sup> / <sub>2</sub> × 11☐]					
[8 <sup>1</sup> / <sub>2</sub> × 11☐]					
[5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> ☐]					
[5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> ☐]					
[Other Paper Sizes]					

### 0613: [Adjust Output Tray Descending Position]

Specify the descending position for the finisher shift tray when paper is delivered to it.

The finisher shift tray descends when a deck of stapled paper is delivered to it. However, if its descending position is misaligned, the paper may not be delivered or stacked properly. Select the descending position according to the thickness of the paper in use.

Setting Item	Selection	Default Value
[Adjust Output Tray Descending Position]	[Paper Weight 1] [Paper Weight 2] [Paper Weight 3-8]	[Paper Weight 2]

**0614: [Adjust Exit Guide Close Timing (Booklet Fin)]**

Specify when to close the exit guide after paper is delivered to the finisher shift tray of Finisher SR5050 or Booklet Finisher SR5060.

The exit guide opens and closes when a deck of stapled paper is delivered.

However, if the guide does not close at the right time, the deck may be bent and not delivered properly. Select the timing for closing the exit guide according to the paper in use.

Setting Item	Selection	Default Value
[Exit Guide Close Timing]	[Default]	[Default]
	[Thin Paper]	

**0615: [Output Trail Edge Press Setting]**

Specify whether or not to press down the trailing edge of the paper when it is delivered to the finisher shift tray of Finisher SR5050 or Booklet Finisher SR5060.

Depending on the type of paper, if too many sheets are sent to the shift tray at a time, they may not be aligned properly.

To reduce variations in paper alignment, set this to [On].

Setting Item	Selection	Default Value
[Output Trail Edge Press Setting]	[Auto]	[Auto]
	[On]	
	[Off]	

**0616: [Output Fan Setting]**

Specify how the shift tray fan moves when Finisher SR5050 or Booklet Finisher SR5060 is used.

To separate sheets stuck together, blow air to them that are delivered to the shift tray.

Setting Item	Selection	Default Value
[Output Fan Setting]	[Auto]	[Auto]
	[On]	
	[Off]	

**0617: [Adjust Output Fan Level]**

Adjust the airflow of the shift tray for fanning the sheets when using Finisher SR5050 or Booklet Finisher SR5060.

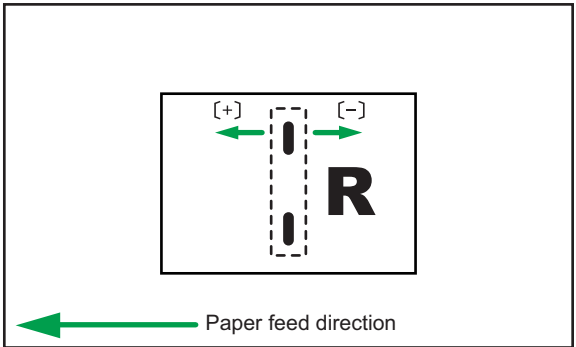
If sheets to the shift tray are stuck to each other when this setting is at its default value, increase the fan capacity.

Setting Item	Selection	Default Value
[Adjust Output Fan Level]	[Auto] [Increase Air Volume]	[Auto]

**0618: [Adjust Staple Position for Booklet]**

Adjust the horizontal position of the booklet staples when using Booklet Finisher SR5060.

Press [+] to move the position left, or press [-] to move it right on the open booklet.



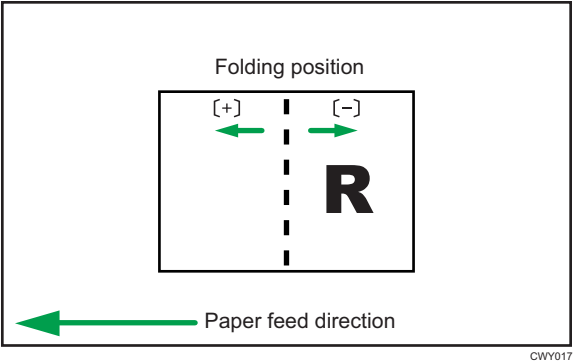
CWY016

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3☐]	0.0	1.0	-1.0	0.1	mm
[B4 JIS☐]					
[A4☐]					
[B5 JIS☐]					
[SRA3☐]					
[SRA4☐]					
[310×432mm☐]					
[226×310mm☐]					
[13 × 19 <sup>1</sup> / <sub>5</sub> ☐]					
[13 × 19☐]					
[13 × 18☐]					
[12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> ☐]					
[12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> ☐]					
[12 × 18☐]					
[11 × 17☐]					
[8 <sup>1</sup> / <sub>2</sub> × 14☐]					
[8 <sup>1</sup> / <sub>2</sub> × 11☐]					
[Other Paper Sizes]					

### 0619: [Adjust Folding Position for Booklet]

Adjust the horizontal position of the folding when using Booklet Finisher SR5060.

Press [+] to move the position left, or press [-] to move it right on the open booklet.



Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0.0	1.0	-1.0	0.1	mm
[B4 JIS□]					
[A4□]					
[B5 JIS□]					
[SRA3□]					
[SRA4□]					
[310×432mm□]					
[226×310mm□]					
[13 × 19 <sup>1</sup> / <sub>5</sub> □]					
[13 × 19□]					
[13 × 18□]					
[12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> □]					
[12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> □]					
[12 × 18□]					
[11 × 17□]					
[8 <sup>1</sup> / <sub>2</sub> × 14□]					
[8 <sup>1</sup> / <sub>2</sub> × 11□]					
[Other Paper Sizes]					

### 0620: [Paper Alignment for Booklet Across Feed Dir.]

Adjust the width of the staple jogger for booklets when using Booklet Finisher SR5060.

Use this to reduce the vertical variation in paper alignment due to differing size, thickness, or paper curl.

Press [+] to make the width of the staple jogger wider, or [-] to make narrower.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0.0	0.5	-0.5	0.1	mm
[B4 JIS□]					
[A4□]					
[B5 JIS□]					
[SRA3□]					
[SRA4□]					
[310×432mm□]					
[226×310mm□]					
[13 × 19 <sup>1</sup> / <sub>5</sub> □]					
[13 × 19□]					
[13 × 18□]					
[12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> □]					
[12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> □]					
[12 × 18□]					
[11 × 17□]					
[8 <sup>1</sup> / <sub>2</sub> × 14□]					
[8 <sup>1</sup> / <sub>2</sub> × 11□]					
[Other Paper Sizes]					

### 0621: [Paper Alignment for Booklet With Feed Dir.]

Adjust the travel distance of the paper edge stopper for booklets in order to reduce horizontal variation in paper alignment due to difference in size, thickness, and paper curl when using Booklet Finisher SR5060.

Press [+] to increase the travel distance, or [-] to decrease.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3☐]	0.0	2.0	-2.0	0.1	mm
[B4 JIS☐]					
[A4☐]					
[B5 JIS☐]					
[SRA3☐]					
[SRA4☐]					
[310×432mm☐]					
[226×310mm☐]					
[13 × 19 <sup>1</sup> / <sub>5</sub> ☐]					
[13 × 19☐]					
[13 × 18☐]					
[12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> ☐]					
[12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> ☐]					
[12 × 18☐]					
[11 × 17☐]					
[8 <sup>1</sup> / <sub>2</sub> × 14☐]					
[8 <sup>1</sup> / <sub>2</sub> × 11☐]					
[Other Paper Sizes]					

## 0622: [Set Number of Folds for Booklet]

Specify the number of additional booklet folds when using the Booklet Finisher SR5060.

You can adjust the paper folding strength by changing the number of folds per the booklet.

When you select "0", the default value, the finisher folds the booklet according to the number of sheets in the booklet, as shown below.

- 1–13 sheets: 1 time
- 14–15 sheets: 2 times



- 16–25 sheets: 3 times

The value set here is added to the default values, which are 1, 2, and 3. Set a negative value to reduce the number of times the finisher folds booklets. Set -1, -2, or -3 to not fold booklets that have 1 to 13 sheets, 14 to 15 sheets, or 16 to 25 sheets, respectively.

Setting Item	Default Value	Max. Value	Min. Value	Step	Unit
[Number of Folds for Booklet]	0	9	-3	1	time(s)

2

### 0623: [Z-fold Skew Correction]

Specify how to correct skew (occurring during paper transport) when Z-folding with the folding unit.

If [Off] is selected, skew is not corrected.

If [On] is selected, skew is corrected by bringing the sheets flush against a guide.

If [On (Reverse)] is selected, skew is corrected by bringing the sheets flush against a guide while the registration roller rotates in reverse to prevent the Z-folded sheets from passing through the registration roller.

Setting Item	Values	Default Value
[Z-fold Skew Correction]	[On] [On (Reverse)] [Off]	[On (Reverse)]

### 0624: [Correct Z-fold Skew]

Adjust the length of sheets moved for Z-fold skew correction.

Use this if the Z-fold skew correction causes problems.

With the factory default setting of "0", the length of the sheets moved is set to 9 mm. Press [-] to reduce the length. With "9", the length of sheets moved for Z-fold skew correction is reduced to "0".

Setting Item	Default Value	Max. Value	Min. Value	Step	Unit
[Correct Z-fold Skew]	0.0	0.0	-9.0	0.5	mm

### 0625: [Correct Z-fold Skew (Reverse)]

Adjust how much the registration roller rotates in reverse for Z-fold skew correction.

Use this if the Z-fold skew correction causes problems.

With the initial factory setting of "0", the reverse rotation is set to 3 mm. By pressing [-], you can reduce the reverse rotation down to "0".

Setting Item	Default Value	Max. Value	Min. Value	Step	Unit
[Correct Z-fold Skew (Reverse)]	0.0	0.0	-3.0	0.5	mm

07: Finishing: Fold

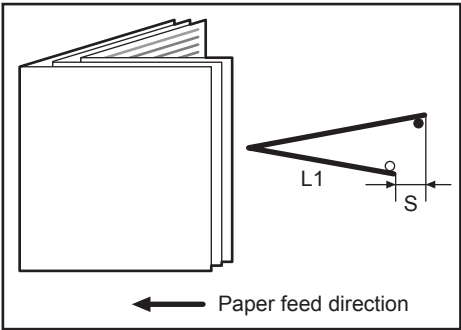
0701: [Half Fold Position (Multi-sheet Fold)]

Adjust the folded position (S) of half folded sheets when using the multi-folding unit.

This setting will be applied if the multi-sheet fold function is enabled.

Press [+] to increase and [-] to reduce (S).

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CDS014

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0.0	4.0	-4.0	0.2	mm
[B4 JIS□]					
[A4□]					
[B5 JIS□]					
[SRA3□]					
[SRA4□]					
[310 × 432mm□]					
[226 × 310mm□]					
[13 × 19 <sup>1</sup> / <sub>5</sub> □]					
[13 × 19□]					
[13 × 18□]					
[12 <sup>3</sup> / <sub>5</sub> × 19 <sup>1</sup> / <sub>5</sub> □]					
[12 <sup>3</sup> / <sub>5</sub> × 18 <sup>1</sup> / <sub>2</sub> □]					
[12 × 18□]					
[11 × 17□]					
[8 <sup>1</sup> / <sub>2</sub> × 14□]					
[8 <sup>1</sup> / <sub>2</sub> × 11□]					
[8K□]					
[Other Paper Sizes]					

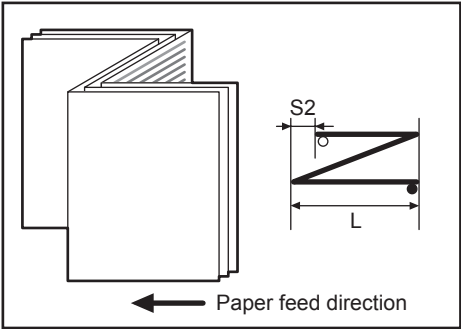
## 0702: [Letter Fold-out Position 1 (Multi-sheet Fold)]

Adjust the fold position for the bottom segment (S2) of letters fold-out sheets when using the multi-folding unit.

This setting will be applied if the multi-sheet fold function is enabled.

Press [+] to increase and [-] to reduce (S2).

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CDS015

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[B4 JIS□]	0.0	4.0	-4.0	0.2	mm
[A4□]					
[B5 JIS□]		3.0	-3.0		
[8 <sup>1</sup> / <sub>2</sub> × 14□]		4.0	-4.0		
[8 <sup>1</sup> / <sub>2</sub> × 11□]					
[Other Paper Sizes]					

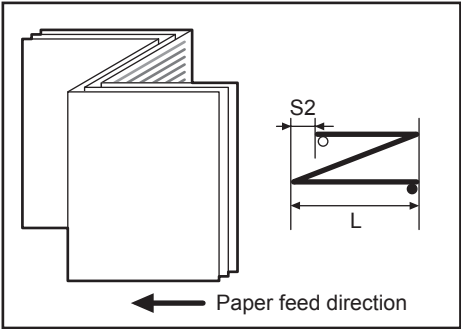
0703: [Letter Fold-out Position 2 (Multi-sheet Fold)]

Adjust the overall fold size (L) of letters fold-out sheets when using the multi-folding unit.

This setting will be applied if the multi-sheet fold function is enabled.

Press [+] to increase and [-] to reduce (L).

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CDS015

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[B4 JIS□]	0.0	4.0	-4.0	0.2	mm
[A4□]					
[B5 JIS□]		3.0	-3.0		
[8 <sup>1</sup> / <sub>2</sub> × 14□]		4.0	-4.0		
[8 <sup>1</sup> / <sub>2</sub> × 11□]					
[Other Paper Sizes]					

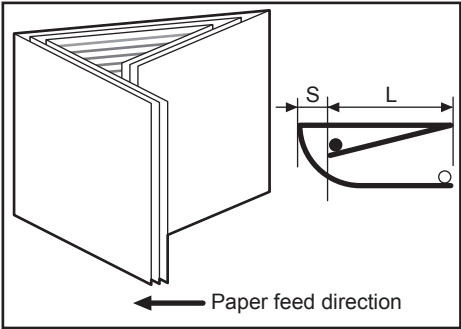
0704: [Letter Fold-in Position 1 (Multi-sheet Fold)]

Adjust the fold position of the bottom segment (S) of letters fold-in sheets when using the multi-folding unit.

This setting will be applied if the multi-sheet fold function is enabled.

Press [+] to increase and [-] to reduce (S).

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CDS017

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0.0	4.0	-4.0	0.2	mm
[B4 JIS□]					
[A4□]					
[B5 JIS□]					
[12 × 18□]					
[11 × 17□]					
[8 <sup>1</sup> / <sub>2</sub> × 14□]					
[8 <sup>1</sup> / <sub>2</sub> × 11□]					
[8K□]					
[Other Paper Sizes]					

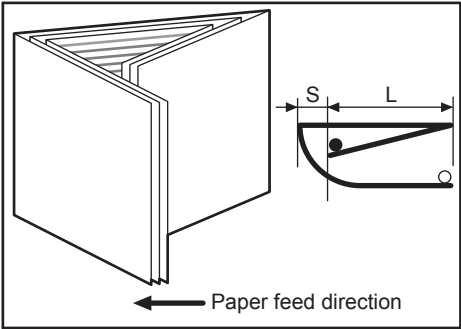
0705: [Letter Fold-in Position 2 (Multi-sheet Fold)]

Adjust the fold position (L) of letters fold-in sheets when using the multi-folding unit.

This setting will be applied if the multi-sheet fold function is enabled.

Press [+] to increase and [-] to reduce (L).

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3☐]	0.0	4.0	-4.0	0.2	mm
[B4 JIS☐]					
[A4☐]					
[B5 JIS☐]					
[12 × 18☐]					
[11 × 17☐]					
[8 <sup>1</sup> / <sub>2</sub> × 14☐]					
[8 <sup>1</sup> / <sub>2</sub> × 11☐]			0.0		
[8K☐]			-4.0		
[Other Paper Sizes]					

0706: [Folding Unit Tray Full Detection]

Specify whether or not to automatically detect when the folding unit tray becomes full.

If [On] is selected, the machine detects when the folding unit tray becomes full and displays a warning message after printing the number of sheets specified in 0707: [Number of Sheets Folded after Full Detection].

Setting Item	Values	Default Value
[Folding Unit Tray Full Detection]	[On] [Off]	[On]

### 0707: [Number of Sheets Folded after Full Detection]

Specify the number of sheets the machine prints when it detects that the folding unit tray is full before displaying a warning message.

By increasing the number of sheets printed, you can decrease warning messages, prevent the machine from stopping printing, and so increase throughput.

A multi-sheet fold copy is counted as a single sheet.

This setting becomes effective only if 0706: [Folding Unit Tray Full Detection] is set to [On].

#### ↓ Note

- If the display of the warning message is delayed, the paper delivered to the folding unit tray may not be stacked properly or the delivered paper may block the paper exit and cause subsequent paper to be misfed.

Setting Item	Default Value	Max. Value	Min. Value	Step	Unit
[No. of Sheets Folded after Full Detection]	0	250	0	1	sheet(s)

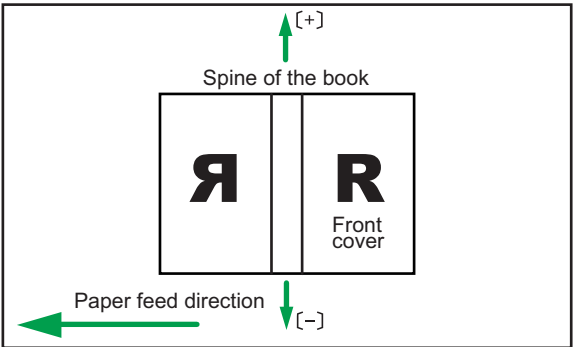
## 08: Finishing: Perfect Binder

### 0801: [Cover Sheet Position for Perfect Binding Across Feed Dir]

Adjust the vertical alignment of the cover sheet position when performing perfect binding.

When you bind the copies with the perfect binder, apply this adjustment if the center of the book block's spine and the center of the cover sheet are misaligned vertically.

Press [+] or [-] to move the image feed direction or reverse feed direction.



CWY011



Setting Item	Default Value	Max. Value	Min. Value	Step	Unit
[Cover Sheet Position for Perfect Binding Across Feed Dir]	0.0	5.0	-5.0	0.1	mm

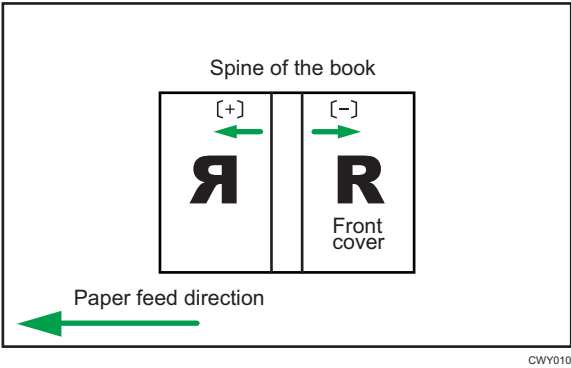
**0802: [Cover Sheet Position for Perfect Binding With Feed Dir]**

2

Adjust the horizontal alignment of the cover sheet position when performing perfect binding.

When you bind the copies with the perfect binder, apply this adjustment if the center of the book block's spine and the center of the cover sheet are misaligned horizontally.

Press [+] to move the image to the leading edge (left) and [-] to move the image to the trailing edge (right).



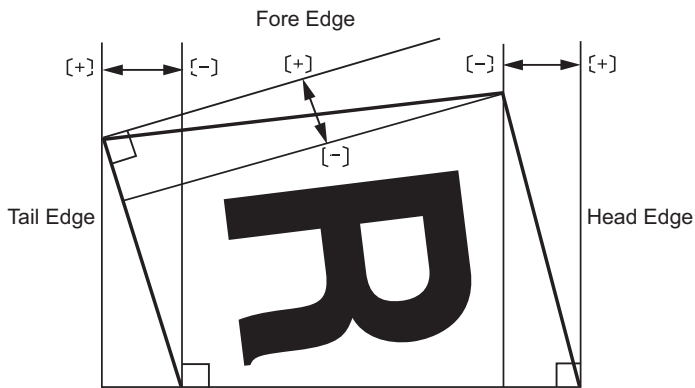
Setting Item	Default Value	Max. Value	Min. Value	Step	Unit
[Cover Sheet Position for Perfect Binding With Feed Dir]	0.0	5.0	-5.0	0.1	mm

**0803: [Adjust Perfect Binding Finishing Angle]**

Square the top, bottom, and outside edges when trimming a deck of paper.

Apply this adjustment if the three edges of the deck of paper cut by the perfect binder are not square.

Enter the distance from the square part at each edge.



CZC219

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Head Edge]	0.0	10.0	-10.0	0.1	mm
[Tail Edge]					
[Fore Edge]					

0804: [Adjust Applying Binding Glue]

Adjust the amount of glue applied to the book block's spine when you bind copies with the perfect binder.

Use this if the glue for binding is applied too thinly or so thickly that it permeates too far into the book block's spine.

The amount of glue applied can be varied by adjusting the distance between the book block and the glue tank.

Press [+] to increase the amount of glue applied or [-] to decrease it.

Setting Item	Default Value	Max. Value	Min. Value	Step	Unit
[Adjust Applying Binding Glue]	0.00	0.30	-0.30	0.05	mm

## 09: Finishing: Stacker

### 0901: [Paper Alignment in Stacker Tray Across Feed Direction 1]

Adjust the width of the main jogger in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when the high capacity stacker is installed.

Press [+] to make the width of the main jogger wider, or [-] to make narrower.

2

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3☐]	0.0	1.0	-1.0	0.1	mm
[B4 JIS☐]					
[A4☐]					
[A4☐]					
[B5 JIS☐]					
[B5 JIS☐]					
[A5☐]					
[A5☐]					
[11 × 17☐]					
[8 <sup>1</sup> / <sub>2</sub> × 14☐]					
[8 <sup>1</sup> / <sub>2</sub> × 11☐]					
[8 <sup>1</sup> / <sub>2</sub> × 11☐]					
[5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> ☐]					
[5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> ☐]					
[Other Paper Sizes]					

### 0902: [Paper Alignment in Stacker Tray Across Feed Direction 2]

Adjust the width of the sub jogger in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when the high capacity stacker is installed.

Press [+] to make the width of the sub jogger wider, or [-] to make narrower.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0.0	1.0	-1.0	0.1	mm
[B4 JIS□]					
[11 × 17□]					
[8 <sup>1</sup> / <sub>2</sub> × 14□]					
[Other Paper Sizes]					

### 0903: [Paper Alignment in Stacker Tray With Feed Direction]

Adjust the travel distance of the paper edge stopper in order to reduce horizontal variation in paper alignment due to difference in size, thickness, and paper curl when the high capacity stacker is installed.

Press [+] to decrease the travel distance, or [-] to increase.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3 $\square$ ]	0.0	1.0	-1.0	0.1	mm
[B4 JIS $\square$ ]					
[A4 $\square$ ]					
[A4 $\square$ ]					
[B5 JIS $\square$ ]					
[B5 JIS $\square$ ]					
[A5 $\square$ ]					
[A5 $\square$ ]					
[11 × 17 $\square$ ]					
[8 $\frac{1}{2}$ × 14 $\square$ ]					
[8 $\frac{1}{2}$ × 11 $\square$ ]					
[8 $\frac{1}{2}$ × 11 $\square$ ]					
[5 $\frac{1}{2}$ × 8 $\frac{1}{2}$ $\square$ ]					
[5 $\frac{1}{2}$ × 8 $\frac{1}{2}$ $\square$ ]					
[Other Paper Sizes]					

#### 0904: [Paper Alignment in 2nd Stacker Tray Across Feed Dir. 1]

Adjust the width of the main jogger in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when the second high capacity stacker is installed.

Press [+] to make the width of the main jogger wider, or [-] to make narrower.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3 $\square$ ]	0.0	1.0	-1.0	0.1	mm
[B4 JIS $\square$ ]					
[A4 $\square$ ]					
[A4 $\square$ ]					
[B5 JIS $\square$ ]					
[B5 JIS $\square$ ]					
[A5 $\square$ ]					
[A5 $\square$ ]					
[11 × 17 $\square$ ]					
[8 $\frac{1}{2}$ × 14 $\square$ ]					
[8 $\frac{1}{2}$ × 11 $\square$ ]					
[8 $\frac{1}{2}$ × 11 $\square$ ]					
[5 $\frac{1}{2}$ × 8 $\frac{1}{2}$ $\square$ ]					
[5 $\frac{1}{2}$ × 8 $\frac{1}{2}$ $\square$ ]					
[Other Paper Sizes]					

### 0905: [Paper Alignment in 2nd Stacker Tray Across Feed Dir. 2]

Adjust the width of the sub jogger in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when the second high capacity stacker is installed.

Press [+] to make the width of the sub jogger wider, or [-] to make narrower.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0.0	1.0	-1.0	0.1	mm
[B4 JIS□]					
[11 × 17□]					
[8 <sup>1</sup> / <sub>2</sub> × 14□]					
[Other Paper Sizes]					

**0906: [Paper Alignment in 2nd Stacker Tray With Feed Direction]**

Adjust the travel distance of the paper edge stopper in order to reduce horizontal variation in paper alignment due to difference in size, thickness, and paper curl when the second high capacity stacker is installed.

Press [+] to decrease the travel distance, or [-] to increase.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0.0	1.0	-1.0	0.1	mm
[B4 JIS□]					
[A4□]					
[A4□]					
[B5 JIS□]					
[B5 JIS□]					
[A5□]					
[A5□]					
[11 × 17□]					
[8 <sup>1</sup> / <sub>2</sub> × 14□]					
[8 <sup>1</sup> / <sub>2</sub> × 11□]					
[8 <sup>1</sup> / <sub>2</sub> × 11□]					
[5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □]					
[5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □]					
[Other Paper Sizes]					

### 0907: [Maximum Stack Quantity in Stacker Tray]

Set the maximum number of sheets for the stacker tray.

The maximum number of sheets you can set differs depending on the size, thickness, and paper curl. Set the maximum number by specifying a ratio based on the number of sheets. Select [Large Size] when using paper whose vertical and horizontal lengths are 210 mm or longer whose area is 8<sup>1</sup>/<sub>2</sub> × 11 or wider. Select [Small Size] when using other size paper.

Major paper sizes that apply to each item are as follows:

- [Large Size]: A3□ or larger (up to 13 × 19<sup>1</sup>/<sub>5</sub>□), B4 JIS□, A4□, 11 × 17□, 8<sup>1</sup>/<sub>2</sub> × 14□, 8<sup>1</sup>/<sub>2</sub> × 11□
- [Small Size]: B5 JIS□, A5□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□

If the unit detects that the number of sheets reaches the set upper limit, a warning message will appear.



Setting Items	Selections	Default Value
[Large Size]	[100%] [75%] [50%] [25%]	[100%]
[Small Size]	[100%] [75%] [50%] [25%]	[50%]



# 3. Custom Paper Settings for Administrators

## Accessing Advanced Settings

### Access Advanced Settings by Using the Control Panel

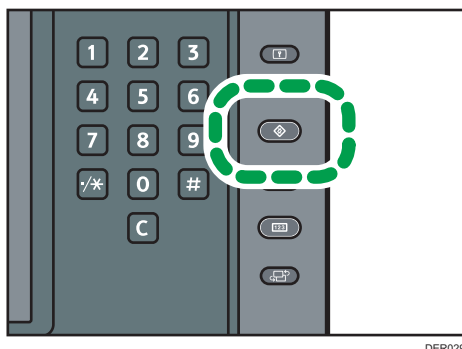
3

#### Access advanced settings by using the [User Tools] key

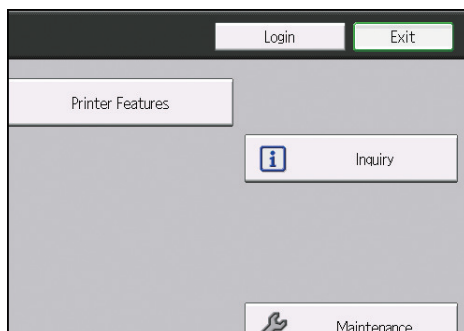
Only the machine administrator can access the [Advanced Settings] menu.

To directly access the advanced settings for custom paper adjustment, you must first configure your machine's Administrator Authentication Management setting. See page 9 "Displaying the [Adjustment Settings for Skilled Operators] Button".

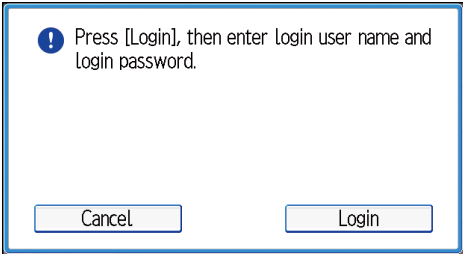
1. Press the [User Tools] key.



2. Press [Login].



3. Press [Login].



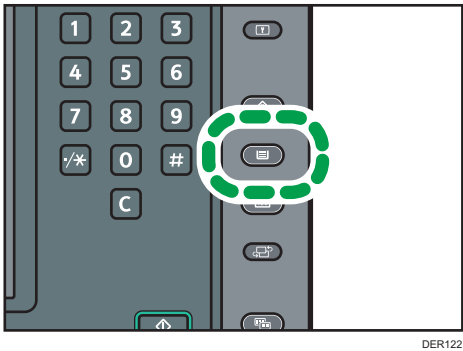
3

4. Enter your login user name, and then press [OK].

If you are logging in as the administrator for the first time, enter "admin".

5. Enter your login password, and then press [OK].

6. Press the [Paper Setting] key.

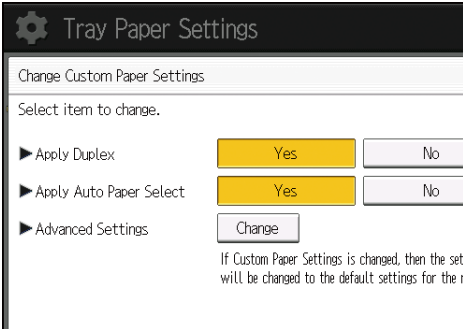


7. Press [Edit].

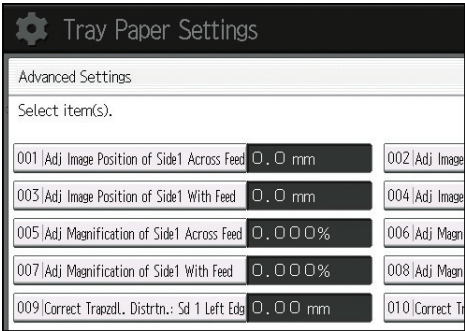
8. Select the program number of the custom paper profile you wish to adjust.

9. Press [▼Next].

10. Press [Change] for "Advanced Settings".



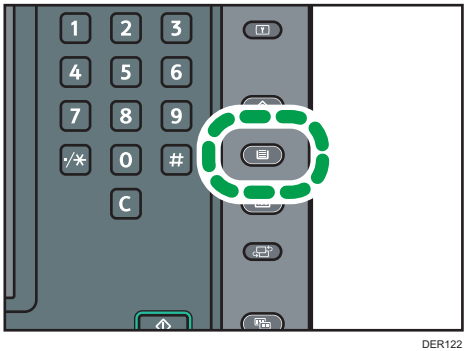
The advanced settings for custom paper adjustment appear.



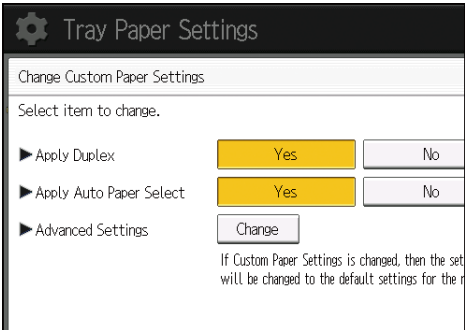
Access advanced settings by using the [Paper Setting] key

To directly access the advanced settings for custom paper adjustment, you must first configure your machine's Administrator Authentication Management setting. See page 9 "Displaying the [Adjustment Settings for Skilled Operators] Button".

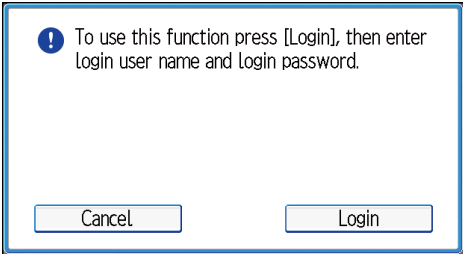
- 1. Press the [Paper Setting] key.



- 2. Press [Edit].
- 3. Select the program number of the custom paper profile you wish to adjust.
- 4. Press [▼Next].
- 5. Press [Change] for "Advanced Settings".



6. Press [Login].

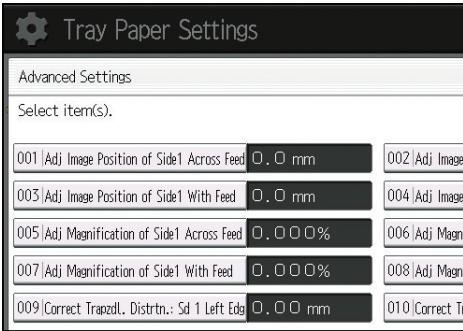


7. Enter your login user name, and then press [OK].

If you are logging in as the administrator for the first time, enter "admin".

8. Enter your login password, and then press [OK].

The advanced settings for custom paper adjustment appear.



## Access Using Web Image Monitor

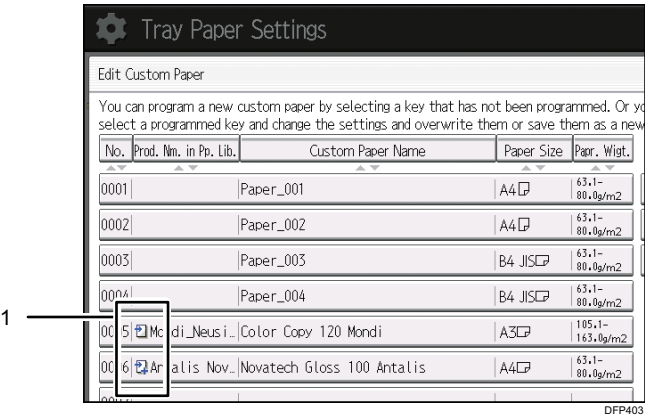
1. Log in as the machine administrator from Web Image Monitor.
2. Point to [Device Management], and then click [Configuration].
3. Click [Custom Paper] under "Device Settings".
4. Check the radio button next to the number of the custom paper profile you wish to adjust, and then click [Program/Change].

The advanced settings for custom paper adjustment appear.
5. Change the settings as desired, and then click [OK].



The setting is changed.
6. Log out.

# Description of Paper Icons

You can check the custom paper status by checking the paper icon in the [Edit Custom Paper] screen. If you change the custom paper profile in the advanced settings, the paper icon changes as follows:



## 1. Paper icon

Icon	Status	Description
	Not adjusted	Custom paper profile set to the default setting in the advanced settings
	Adjusted	Custom paper profile changed from the default setting in the advanced settings

### Note

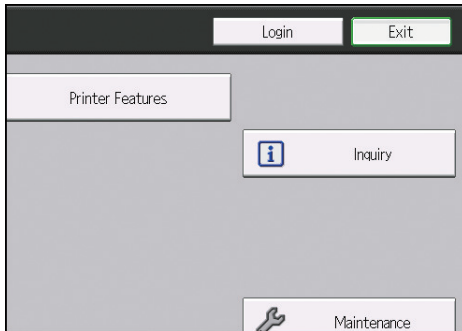
- If you specify a custom paper profile in the [Edit Custom Paper] screen without registering it from the paper library, the paper icon will not appear for that custom paper profile.
- If you change the custom paper profile from the default setting in the advanced settings, and then change the setting back to the default again, the paper icon will remain as "Adjusted".

## Deleting Saved Custom Paper Profiles

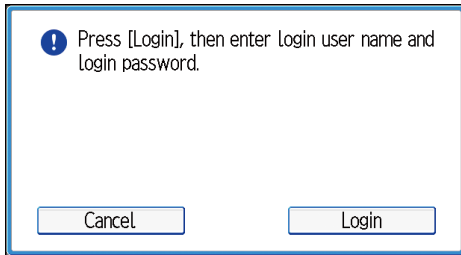
Only the machine administrator can delete the custom paper profile saved in the paper library. To delete custom paper profiles, you must first specify the machine administrator authentication information.

1. Press the [User Tools] key.
2. Press [Login].

3



3. Press [Login].



4. Enter your login user name, and then press [OK].  
If you are logging in as the administrator for the first time, enter "admin".
5. Enter your login password, and then press [OK].
6. Press the [Paper Setting] key.
7. Press [Edit].



8. Press [Delete Saved Custom Paper].

and change the settings and overwrite them or save them as a new custom paper.

Custom Paper Name	Paper Size	Paper Weight	
Paper_001	A4	63.1-88.9g/m2	Search Print the Settings Delete
Paper_002	A4	63.1-88.9g/m2	
Paper_003	B4 JIS	63.1-88.9g/m2	
Paper_004	B4 JIS	63.1-88.9g/m2	
Color Copy 120 Mondi	A3	185.1-163.9g/m2	
Novatech Gloss 100 Antalis	A4	63.1-88.9g/m2	
			1/13 Previous Next

Recall from Saved Paper Library   Delete Saved Custom Paper   Program to Saved Paper Library

3

9. Select the program number of the custom paper profile you wish to delete.

Tray Paper Settings

Delete Saved Custom Paper

Select a saved custom paper to delete.

No.	Prod. Nm.	in Pb. Lib.	Paper Name	Paper Size	Paper Weight
0001	TEST0021	TEST0021	A4	63.1-88.9g/m2	
0002	TEST0022	TEST0022	A4	63.1-88.9g/m2	
0003	TEST0023	TEST0023	A4	63.1-88.9g/m2	
0004	TEST0030	TEST0030	A3	63.1-88.9g/m2	

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

10. Press [Yes].

! Are you sure you want to delete the selected saved custom paper?

No   Yes

The custom paper profile is deleted.

# Backing up and Restoring Custom Paper Profiles

## Backing up Custom Paper Profiles Saved in the Saved Paper Library

The machine administrator can back up custom paper profiles saved in the Saved Paper Library to the SD card inserted in the back of the machine.

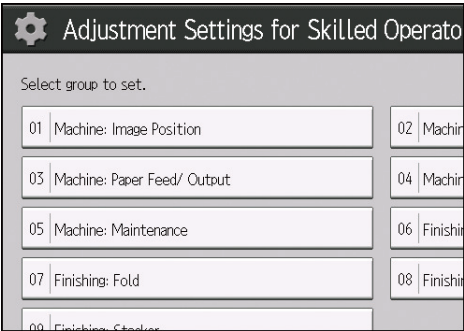
The backup can be used to restore the custom paper profiles if the controller board has to be replaced.

To prevent data loss, we recommend making regular backups. Only the customer engineer is allowed to perform data restoration using a backup. Contact your service representative.

**1. Open the [Adjustment Settings for Skilled Operators] menu.**

For details, see page 12 "Accessing Adjustment Settings for Skilled Operators".

**2. Press 05: [Machine: Maintenance].**

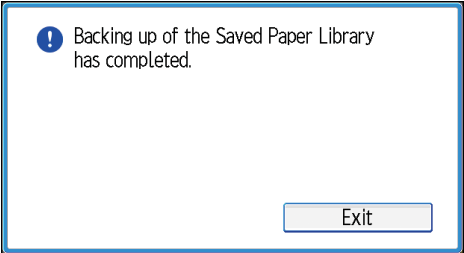


**3. Press 0512: [Back Up / Restore Custom Paper Data].**

**4. Press [Back Up Saved Paper Library].**

**5. Press [OK].**

**6. Press [Exit].**



---

## Backing up Custom Paper Profiles Registered Under the [Edit] Setting

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The machine administrator can back up and restore custom paper profiles registered under the [Edit] setting.

### Backing up the Data

1. Insert an SD card into the SD card slot on the side of the control panel.
2. Open the [Adjustment Settings for Skilled Operators] menu.
3. Press 05: [Machine: Maintenance].
4. Press 0512: [Back Up / Restore Custom Paper Data].
5. Press [Back Up Custom Paper Settings].
6. Press [OK].

### Restoring the Data

1. Insert the SD card containing the backup custom paper profiles into the SD card slot on the side of the control panel.
2. Cancel all custom paper profiles allocated to paper trays.
3. Open the [Adjustment Settings for Skilled Operators] menu.
4. Press 05: [Machine: Maintenance].
5. Press 0512: [Back Up / Restore Custom Paper Data].
6. Press [Restore Custom Paper Settings].
7. Press [OK].

#### Note

- If a previously created backup file is on the SD card, it is overwritten by the back-up.
- All custom paper profiles registered in the machine are overwritten during the data restoration
- The backup data is restored under the registration number allocated at the time of the back-up.

---

## Backing up and Restoring Custom Paper Profiles Using the External Controller's Control Panel

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Using the external controller's control panel, you can back up and restore custom paper profiles associated with the external controller's paper catalog data. For details, see the external controller's instruction manual.

# Default Settings in Advanced Settings

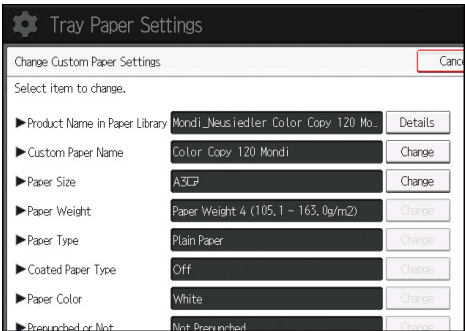
In "Advanced Settings", there are default settings for paper presets for various types of commercially-available paper. Even if you select a paper preset corresponding to commercially-available paper from the Paper Library and register custom paper, depending on the custom paper profile version, the preset may not be an exact match for the actual paper. For details about the default settings for paper presets in "Advanced Settings", contact your service representative.

## 3

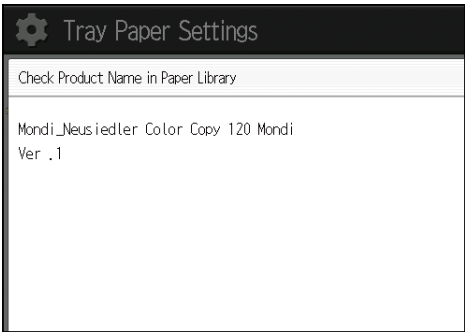
### Displaying the Paper Profile Version

This section explains how to display the version of the custom paper profiles registered in the [Edit Custom Paper] screen. For details about updating paper profiles, contact your service representative.

1. Press [Edit].
2. Select the program number of a custom paper profile to display the product name of the supported paper type and the paper profile version.
3. Press [Details] for "Product Name in Paper Library".



The product name of the supported paper type and the paper profile version appear.



# 4. Details of Menu Items in Advanced Settings

## Menu Items and Functions: Advanced Settings

### Machine: Image Position

For details about the following items, see page 110 "Machine: Image Position".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
001	[Image Position: Across Feed: Side 1]	Adjust the vertical position of the image to be printed on Side 1/Side 2 of the paper.
002	[Image Position: Across Feed: Side 2]	
003	[Image Position: With Feed: Side 1]	Adjust the horizontal position of the image to be printed on Side 1/Side 2 of the paper.
004	[Image Position: With Feed: Side 2]	
005	[Magnification: Across Feed: Side 1]	Adjust the vertical image scaling on the Side 1/Side 2 of the paper according to the paper expansion or shrinkage.  To make this adjustment without adjusting the scale according to the paper expansion or shrinkage, set 119: [Image Magnification Auto Adjustment] to [Deactivate].
006	[Magnification: Across Feed: Side 2]	
007	[Magnification: With Feed: Side 1]	Adjust the horizontal image scaling on the Side 1/Side 2 of the paper according to the paper expansion or shrinkage.  To make this adjustment without adjusting the scale according to the paper expansion or shrinkage, set 119: [Image Magnification Auto Adjustment] to [Deactivate].
008	[Magnification: With Feed: Side 2]	
009	[Correct Trapezoidal Distortion: Left: Side 1]	Adjust the position to start printing the image at the trailing edge of the bottom (left) part of the image to be printed on side 1.

No.	Item	Description
010	[Correct Trapezoidal Distortion: Right: Side 1]	Adjust the position to end printing the image at the trailing edge of the top (right) part of the image to be printed on side 1.
011	[Correct Trapezoidal Distortion: Left: Side 2]	Adjust the position to start printing the image at the trailing edge of the bottom (left) part of the image to be printed on side 2.
012	[Correct Trapezoidal Distortion: Right: Side 2]	Adjust the position to end printing the image at the trailing edge of the top (right) part of the image to be printed on side 2.
013	[Erase Margin: Leading Edge]	Adjust the mask width at the leading edge of the image.
014	[Erase Margin: Trailing Edge]	Adjust the mask width at the trailing edge of the image.
015	[Skew Detection]	Specify whether or not to detect paper skew.

### Machine: Image Quality

For details about the following items, see page 119 "Machine: Image Quality".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
016	[Transfer Timing Roller Feed Speed]	Adjust the transfer timing roller speed.
017	[Paper Transfer Belt Feed Speed]	Adjust the transfer belt speed.
018	[Maximum Image Density: K]	Adjust the toner adhesion to the intermediate transfer belt for each color.
019	[Maximum Image Density: C]	
020	[Maximum Image Density: M]	
021	[Maximum Image Density: Y]	

No.	Item	Description
022	[Image Transfer Current: BW]	Adjust the current for the image transfer roller when printing in black and white.
023	[Image Transfer Current: FC: K]	Adjust the current for the image transfer roller for each color when printing in full color.
024	[Image Transfer Current: FC: C]	
025	[Image Transfer Current: FC: M]	
026	[Image Transfer Current: FC: Y]	
027	[Image Transfer Current: LE: BW]	Adjust the image transfer current at the leading edge of the paper when printing in black and white.
028	[Image Transfer Current: LE Leng.: BW]	Specify the area to apply image transfer current at the leading edge of the paper when printing in black and white.
029	[Image Transfer Current: LE: FC: K]	Adjust the image transfer current at the leading edge of the paper when printing in full color (black).
030	[Image Transfer Current: LE Leng.: FC: K]	Specify the area to apply the image transfer current at the leading edge of the paper when printing in full color (black).
031	[Image Transfer Current: LE: FC: C]	Adjust the image transfer current at the leading edge of the paper when printing in full color (cyan).
032	[Image Transfer Current: LE Leng.: FC: C]	Specify the area to apply the image transfer current at the leading edge of the paper when printing in full color (cyan).
033	[Image Transfer Current: LE: FC: M]	Adjust the image transfer current at the leading edge of the paper when printing in full color (magenta).
034	[Image Transfer Current: LE Leng.: FC: M]	Specify the area to apply the image transfer current at the leading edge of the paper when printing in full color (magenta).
035	[Image Transfer Current: LE: FC: Y]	Adjust the image transfer current at the leading edge of the paper when printing in full color (yellow).

No.	Item	Description
036	[Image Transfer Current: LE Leng.: FC: Y]	Specify the area to apply the image transfer current at the leading edge of the paper when printing in full color (yellow).
037	[Paper Transfer Current: BW: Side 1]	Adjust the paper transfer current applied to the Side 1 / Side 2 of the paper when printing in black and white.
038	[Paper Transfer Current: BW: Side 2]	
039	[Paper Transfer Current: LE: BW]	Adjust the paper transfer current at the leading edge of the paper when printing in black and white.
040	[Paper Transfer Current: LE Leng.: BW]	Specify the area to apply paper transfer current at the leading edge of the paper when printing in black and white.
041	[Paper Transfer Current: TE: BW]	Adjust the paper transfer current at the trailing edge of the paper when printing in black and white.
042	[Paper Transfer Current: TE Leng.: BW]	Specify the area to apply the paper transfer current at the trailing edge of the paper when printing in black and white.
043	[Paper Transfer Current: FC: Side 1]	Adjust the paper transfer current applied to the Side 1 / Side 2 of the paper when printing in full color.
044	[Paper Transfer Current: FC: Side 2]	
045	[Paper Transfer Current: LE: FC]	Adjust the paper transfer current at the leading edge of the paper when printing in full color.
046	[Paper Transfer Current: LE Leng.: FC]	Specify the area to apply the paper transfer current at the leading edge of the paper when printing in full color.
047	[Paper Transfer Current: TE: FC]	Adjust the paper transfer current at the trailing edge of the paper when printing in full color.
048	[Paper Transfer Current: TE Leng.: FC]	Specify the area to apply the paper transfer current at the trailing edge of the paper when printing in full color.
049	[AC Transfer Mode]	Specify whether or not to enable AC mode. If set to [On], the settings (050-071) are enabled.



No.	Item	Description
050	[AC Transfer Mode: Voltage: BW: Side 1]	Adjust the paper transfer voltage applied to Side 1/Side 2 when printing in black and white with AC mode enabled.
051	[AC Transfer Mode: Voltage: BW: Side 2]	
052	[AC Transfer Mode: Voltage: FC: Side 1]	Adjust the paper transfer voltage applied to Side 1/Side 2 when printing in full color with AC mode enabled.
053	[AC Transfer Mode: Voltage: FC: Side 2]	
056	[AC Transfer Mode: Current: BW: Side 1]	Adjust the paper transfer current applied to Side 1/Side 2 when printing in black and white with AC mode enabled.
057	[AC Transfer Mode: Current: BW: Side 2]	
058	[AC Transfer Mode: Current: FC: Side 1]	Adjust the paper transfer current applied to Side 1/Side 2 when printing in full color with AC mode enabled.
059	[AC Transfer Mode: Current: FC: Side 2]	
060	[AC Transfer Mode: Voltage: LE: BW]	Adjust the paper transfer voltage at the leading edge of the paper when printing in black and white.
061	[AC Transfer Mode: Current: LE: BW]	Adjust the paper transfer current at the leading edge of the paper when printing in black and white.
062	[AC Transfer Mode: LE Leng.: BW]	Specify the area to apply the paper transfer current at the leading edge of the paper when printing in black and white.
063	[AC Transfer Mode: Voltage: LE: FC]	Adjust the paper transfer voltage at the leading edge of the paper when printing in full color.
064	[AC Transfer Mode: Current: LE: FC]	Adjust the paper transfer current at the leading edge of the paper when printing in full color.
065	[AC Transfer Mode: LE Leng.: FC]	Specify the area to apply paper transfer current at the leading edge of the paper when printing in full color.
066	[AC Transfer Mode: Voltage: TE: BW]	Adjust the paper transfer voltage at the trailing edge of the paper when printing in black and white.

No.	Item	Description
067	[AC Transfer Mode: Current: TE: BW]	Adjust the paper transfer current at the trailing edge of the paper when printing in black and white.
068	[AC Transfer Mode: TE Leng.: BW]	Specify the area to apply paper transfer current at the trailing edge of the paper when printing in black and white.
069	[AC Transfer Mode: Voltage: TE: FC]	Adjust the paper transfer voltage at the trailing edge of the paper when printing in full color.
070	[AC Transfer Mode: Current: TE: FC]	Adjust the paper transfer current at the trailing edge of the paper when printing in full color.
071	[AC Transfer Mode: TE Leng.: FC]	Specify the area to apply the paper transfer current at the trailing edge of the paper when printing in full color.
084	[Ppr Trns Gap]	Adjust the gap between the intermediate transfer belt and the paper transfer unit when the paper is fed through the paper transfer roller.
085	[Ppr Trns Gap: On Timing]	Adjust the timing for the intermediate transfer belt and the paper transfer unit to come into contact during paper contact/ separation.
086	[Ppr Trns Gap: Off Timing]	Adjust the timing for the intermediate transfer belt and the paper transfer unit to separate during paper contact/ separation.
087	[Ppr Trns High Pressure Setting]	Adjust the transferability at the paper transfer unit.
088	[Fusing Temp: FC]	Adjust the heat roller temperature.
089	[Fusing Temp: BW]	
090	[Fusing Pressure Roller Temp: FC]	Adjust the pressure roller temperature.
091	[Fusing Pressure Roller Temp: BW]	
092	[Fusing Nip Width Setting]	Adjust the nip width between the fusing belt and pressure roller (not applied to envelopes).

No.	Item	Description
093	[Fusing Pressure Roller On Before Fusing]	Specify whether or not to have the fusing pressure roller come into contact with the fusing belt before the printing operation (paper feeding) starts.
094	[Additional Fusing Temp 1]	Adjust the temperature applied to the fusing unit at the start of paper transfer.
095	[Additional Fusing Temp 2]	Adjust the temperature applied to the fusing unit immediately before the start of paper transfer.
096	[Cleaning Web Rotation Interval]	Specify the interval between each activation of the cleaning web.
097	[Cleaning Web Contact Setting]	Specify how the cleaning web comes into contact and separates.
098	[Fusing Pressure Rllr Cooling Fan Settng]	Specify how the cooling fan of the pressure roller moves.
099	[Smoothing Roller Rotation Interval]	To remove scratches, polish the fusing belt with the fusing belt smoothing roller.
100	[Smoothing Roller Auto Execute Setting]	Polish the fusing belt automatically to remove scratches.
101	[Cleaning Web Contact Position]	Specify the point of cleaning web contact/separation during printing.
102	[Fusing Nip Width Adjustment: Envelope]	Adjust the nip width between the fusing belt and pressure roller when an envelope is being fed.
103	[Fusing Temp to Feed Ppr]	Specify the fusing temperature to feed after warm-up to print.
104	[Pressure Roller Temp to Feed Ppr]	

### Machine: Paper Feed/ Output

For details about the following items, see page 141 "Machine: Paper Feed/ Output".

Paper feed direction of printed copies differs depending on the setting. For details see page 7 "Paper Feed Direction of Printed Copies (Side 1/Side 2)".

No.	Item	Description
105	[Paper Tray: Updraft Fan Level]	Adjust the airflow of the updraft fan of the paper tray.
106	[Paper Tray: Blower Fan Level]	Adjust the airflow of the blower fan of the paper tray.
107	[Paper Tray: Side Fan Level]	Adjust the airflow of the side fan of the paper tray.
108	[Paper Tray: Vacuum Fan Level]	Adjust the airflow of the vacuum fan of the paper tray.
109	[Paper Tray: Updraft Fan Shutter]	Specify how the updraft fan shutter of the paper tray moves.
110	[Paper Tray: Side Fan Shutter]	Specify how the side fan shutter of the paper tray moves.
111	[Paper Tray: Paper Feed Position]	Switch the upper limit for sheets of paper to be loaded in the paper tray.
112	[Paper Tray: Paper Feed Mode]	Specify how the paper tray fan moves.
113	[Double Feed Detection]	Specify whether or not to detect double feeding of paper.
114	[Registration Gate Position Setting]	Adjust the registration gate position.
115	[Ppr Edge Detection: Sensing Duration]	Specify the detection method of the paper edge detection sensor.
116	[Ppr Edge Detection: Sensitivity]	Adjust the luminance of the paper edge detection sensor.
117	[J047 Detection]	Specify whether or not to stop printing if the horizontal misalignment of the delivered paper exceeds the adjustable range (3 mm/0.1 inch).
118	[Registration Adjustment: Across Feed]	Specify whether or not to disable the machine's function to automatically detect paper pathway deviations during paper feeding and adjust the vertical position of the print image accordingly.

No.	Item	Description
119	[Image Magnification Auto Adjustment]	The machine measures the length and width of both sides of the paper and specifies the magnification ratio of the image on the back side according to the shrinking or transfiguration of the image.
120	[Process Speed Setting]	Adjust the machine's operating speed.
121	[Trans-Fusing Transfer Belt 1 Feed Speed]	Adjust the speed of the conveyer belt at the paper transfer unit.
122	[Trans-Fusing Transfer Belt 2 Feed Speed]	Adjust the speed of the conveyer belt at the fusing unit.
123	[Fusing Belt Feed Speed]	Adjust the fusing roller's speed.
124	[Decurler 1 Feed Speed]	Adjust the paper feed speed of the decurler unit.
125	[Decurler 2 Feed Speed]	
126	[Cooling Belt Feed Speed]	Adjust the feed speed of the cooling transport motor.
127	[Paper Feed Interval Setting]	Adjust the interval between feeding each sheet.
128	[Env corr: Fusing Pressure Temp / CPM]	Specify whether or not to straighten curled sheets.
129	[Env corr: Fusing Pressure Temp: Low RH]	Adjust the machine's internal temperature to reduce paper curling.
130	[Env corr: Fusing Pressure Temp: High RH]	
131	[Env corr: CPM: Low RH]	Increase the interval between paper delivery to reduce paper curling.
132	[Env corr: CPM: High RH]	

### Machine: Productivity

For details about the following items, see page 150 "Machine: Productivity".

No.	Item	Description
133	[Initial CPM Setting: L. Tmp: 1 Sided]	Adjust the level of reducing the print speed at the start of paper transfer when printing on side 1 in low-temperature environments.

No.	Item	Description
134	[Initial CPM Setting: 1 Sided]	Adjust the level of reducing the print speed at the start of paper transfer when printing on side 1 in normal room temperature and higher temperature environments.
135	[Initial CPM Setting: L. Tmp: 2 Sided]	Adjust the level of reducing the print speed at the start of paper transfer when printing on side 2 in low-temperature environments.
136	[Initial CPM Setting: 2 Sided]	Adjust the level of reducing the print speed at the start of paper transfer when printing on side 2 in normal room temperature and higher temperature environments.

### Finishing: Fold

For details about the following items, see page 152 "Finishing: Fold".

No.	Item	Description
137	[Z-fold Position 1]	Adjust the width of the bottom end segment of Z-folded sheets when using the multi-folding unit.
138	[Z-fold Position 2]	Adjust the overall fold size of Z-fold sheets when using the multi-folding unit.
139	[Half Fold Position: 1 sheet Fold]	Adjust the fold position of half fold sheets when using the multi-folding unit.
140	[Letter Fold-out Position 1: 1 sheet Fold]	Adjust the fold position for the bottom segment of letter fold-out sheets when using the multi-folding unit.
141	[Letter Fold-out Position 2: 1 sheet Fold]	Adjust the overall fold size of letter fold-out sheets when using the multi-folding unit.
142	[Letter Fold-in Position 1: 1 sheet Fold]	Adjust the fold position of the bottom segment of letter fold-in sheets when using the multi-folding unit.
143	[Letter Fold-in Position 2: 1 sheet Fold]	Adjust the overall fold size of letter fold-in sheets when using the multi-folding unit.
144	[Double Parallel Fold Position 1]	Adjust the fold position of the bottom segment 1 of double parallel folded sheets when using the multi-folding unit.

No.	Item	Description
145	[Double Parallel Fold Position 2]	Adjust the fold position of the bottom segment 2 of double parallel folded sheets when using the multi-folding unit.
146	[Gate Fold Position 1]	Adjust the fold width of the bottom segment 1 of gate folded sheets when using the multi-folding unit.
147	[Gate Fold Position 2]	Adjust the fold width of the bottom segment 2 of gate folded sheets when using the multi-folding unit.
148	[Gate Fold Position 3]	Adjust the fold position of the bottom segment 3 of gate folded sheets when using the multi-folding unit.

#### [Registration to Align Front and Back Images Using Template]

No.	Item	Description
-	[Registration to Align Front and Back Images Using Template]	Adjust image positions so that the image on the surface of paper and the one on the back surface of it can be identical.  For details see Troubleshooting.

# Setting Values: Advanced Settings

## Machine: Image Position

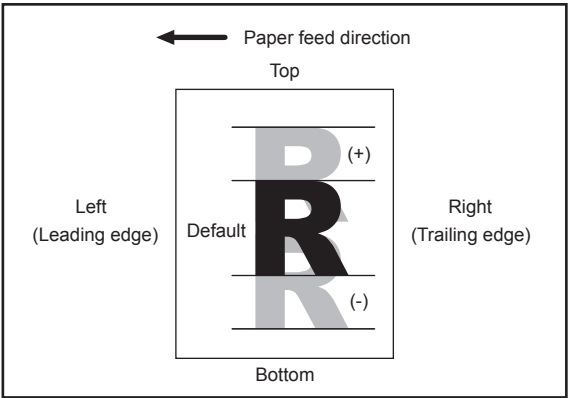
### 001: [Image Position: Across Feed: Side 1]

Adjust the vertical position of the image to be printed on Side 1 of the paper.

Press [+] to shift the image to the top.

Press [-] to shift the image to the bottom.

4



CEZ015

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Position: Across Feed: Side 1]	3.0	-3.0	0.1	mm

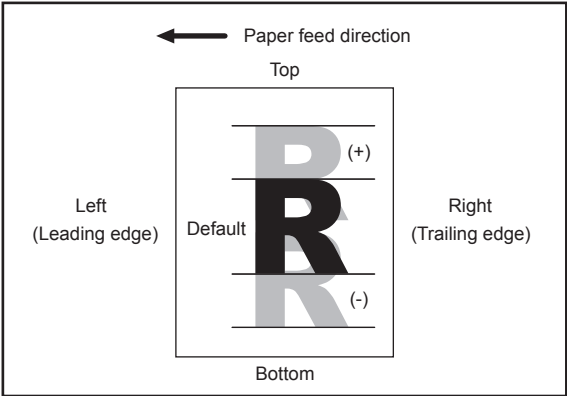
### 002: [Image Position: Across Feed: Side 2]

Adjust the vertical position of the image to be printed on Side 2 of the paper.

Press [+] to shift the image to the top.

Press [-] to shift the image to the bottom.





CEZ015

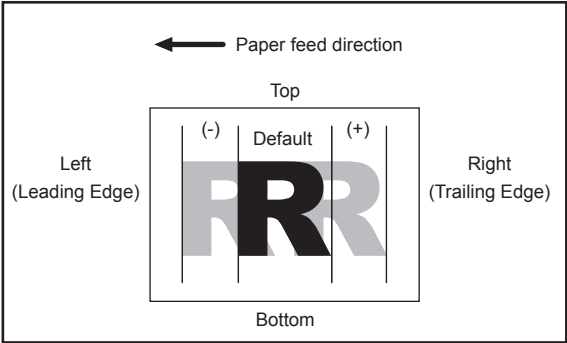
Setting Item	Max. Value	Min. Value	Step	Unit
[Image Position: Across Feed: Side 2]	3.0	-3.0	0.1	mm

003: [Image Position: With Feed: Side 1]

Adjust the horizontal position of the image to be printed on Side 1 of the paper.

Press [+] to shift the image to the right (trailing edge).

Press [-] to shift the image to the left (leading edge).



CEZ012

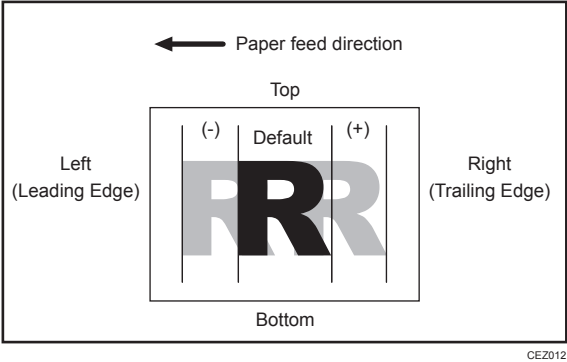
Setting Item	Max. Value	Min. Value	Step	Unit
[Image Position: With Feed: Side 1]	3.0	-3.0	0.1	mm

004: [Image Position: With Feed: Side 2]

Adjust the horizontal position of the image to be printed on Side 2 of the paper.

Press [+] to shift the image to the right (trailing edge).

Press [-] to shift the image to the left (leading edge).



CEZ012

4

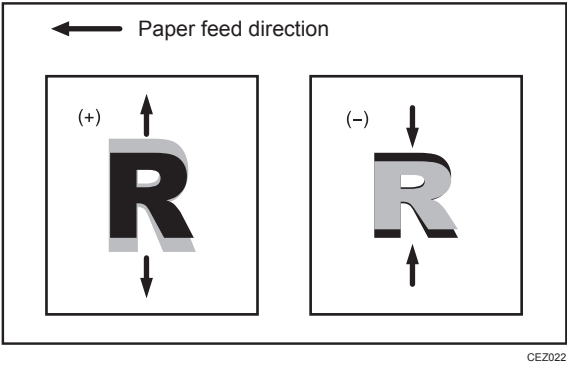
Setting Item	Max. Value	Min. Value	Step	Unit
[Image Position: With Feed: Side 2]	3.0	-3.0	0.1	mm

#### 005: [Magnification: Across Feed: Side 1]

Adjust the vertical image scaling on the Side 1 of the paper according to the paper expansion or shrinkage.

Setting the center of the paper as the base, press [+] to increase the scaling and [-] to reduce it.

To make this adjustment without adjusting the scale according to the paper expansion or shrinkage, set 119: [Image Magnification Auto Adjustment] to [Deactivate].

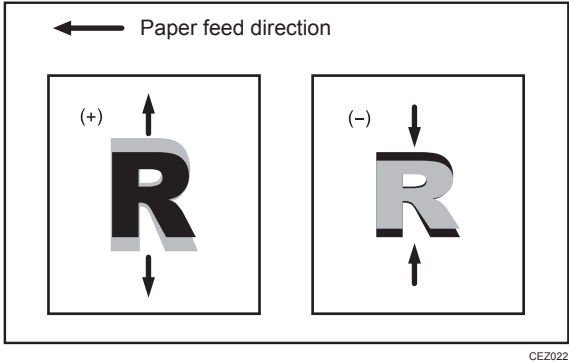


CEZ022

Setting Item	Max. Value	Min. Value	Step	Unit
[Magnification: Across Feed: Side 1]	0.500	-0.500	0.025	%

006: [Magnification: Across Feed: Side 2]

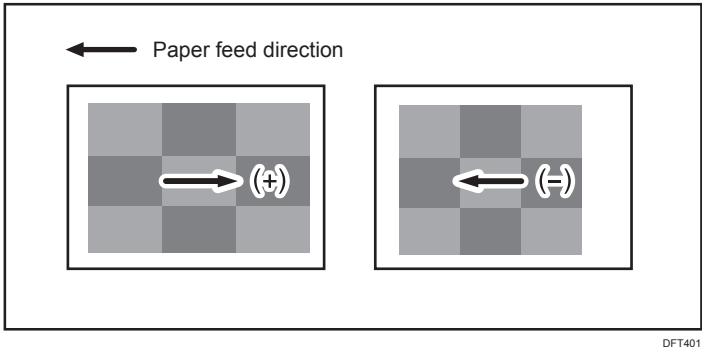
Adjust the vertical image scaling on Side 2 of the paper according to the paper expansion or shrinkage.  
Setting the center of the paper as the base, press [+] to increase the scaling and [-] to reduce it.  
To make this adjustment without adjusting the scale according to the paper expansion or shrinkage, set 119: [Image Magnification Auto Adjustment] to [Deactivate].



Setting Item	Max. Value	Min. Value	Step	Unit
[Magnification: Across Feed: Side 2]	0.500	-0.500	0.025	%

007: [Magnification: With Feed: Side 1]

Adjust the horizontal image scaling on the Side 1 of the paper according to the paper expansion or shrinkage.  
Press [+] to increase the scaling and [-] to reduce it in accordance with the leading edge of the image.  
To make this adjustment without adjusting the scale according to the paper expansion or shrinkage, set 119: [Image Magnification Auto Adjustment] to [Deactivate].



Setting Item	Max. Value	Min. Value	Step	Unit
[Magnification: With Feed: Side 1]	0.500	-0.500	0.025	%

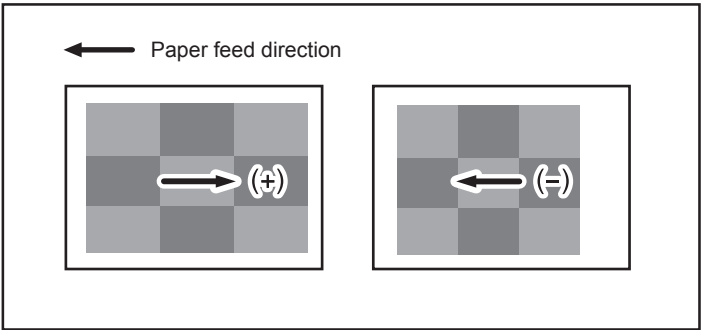
### 008: [Magnification: With Feed: Side 2]

Adjust the horizontal image scaling on Side 2 of the paper according to the paper expansion or shrinkage.

Press [+] to increase the scaling and [-] to reduce it in accordance with the leading edge of the image.

To make this adjustment without adjusting the scale according to the paper expansion or shrinkage, set 119: [Image Magnification Auto Adjustment] to [Deactivate].

4



DFT401

Setting Item	Max. Value	Min. Value	Step	Unit
[Magnification: With Feed: Side 2]	0.500	-0.500	0.025	%

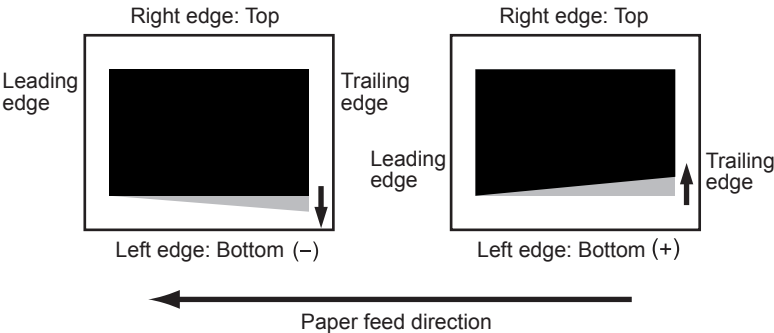
### 009: [Correct Trapezoidal Distortion: Left: Side 1]

Adjust the position to start printing the image at the trailing edge of the bottom (left) part of the image to be printed on side 1.

Press [+] to move the position away from the paper's bottom part and [-] to move it closer.

Calculate the adjustment value with the following formula:

Adjustment at trailing edge (mm)  $\times$  500 (mm)  $\div$  Paper width (mm) in paper feed direction = Adjustment value (mm)



DFT051

Setting Item	Max. Value	Min. Value	Step	Unit
[Correct Trapezoidal Distortion: Left: Side 1]	0.25	-0.25	0.01	mm

4

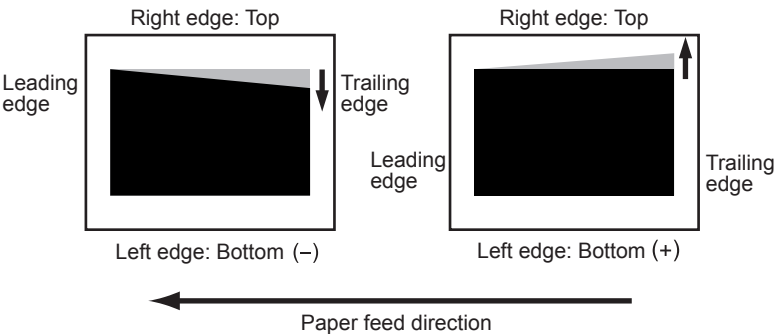
010: [Correct Trapezoidal Distortion: Right: Side 1]

Adjust the position to end printing the image at the trailing edge of the top (right) part of the image to be printed on side 1.

Press [+] to move the position closer to the paper's top part and [-] to move it away.

Calculate the adjustment value with the following formula:

Adjustment at trailing edge (mm) × 500 (mm) ÷ Paper width (mm) in paper feed direction = Adjustment value (mm)



DFT053

Setting Item	Max. Value	Min. Value	Step	Unit
[Correct Trapezoidal Distortion: Right: Side 1]	0.25	-0.25	0.01	mm

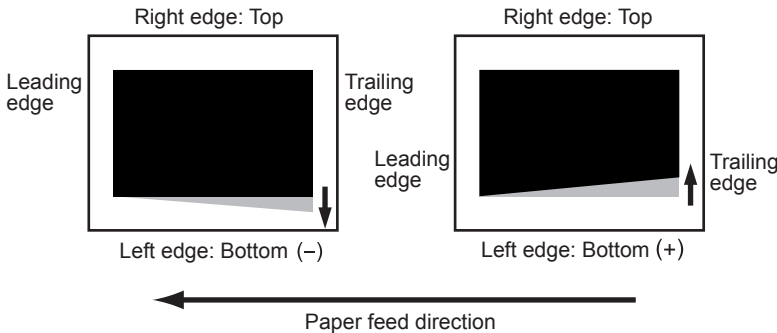
011: [Correct Trapezoidal Distortion: Left: Side 2]

Adjust the position to start printing the image at the trailing edge of the bottom (left) part of the image to be printed on side 2.

Press [+] to move the position away from the paper's bottom part and [-] to move it closer.

Calculate the adjustment value with the following formula:

Adjustment at trailing edge (mm) × 500 (mm) ÷ Paper width (mm) in paper feed direction = Adjustment value (mm)



DFT051

Setting Item	Max. Value	Min. Value	Step	Unit
[Correct Trapezoidal Distortion: Left: Side 2]	0.25	-0.25	0.01	mm

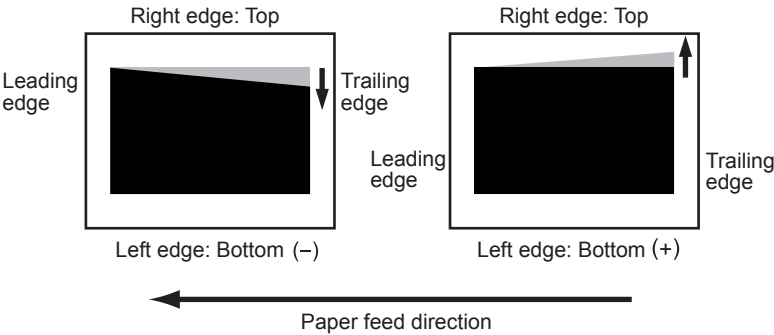
012: [Correct Trapezoidal Distortion: Right: Side 2]

Adjust the position to end printing the image at the trailing edge of the top (right) part of the image to be printed on side 2.

Press [+] to move the position closer to the paper's top part and [-] to move it away.

Calculate the adjustment value with the following formula:

Adjustment at trailing edge (mm) × 500 (mm) ÷ Paper width (mm) in paper feed direction = Adjustment value (mm)



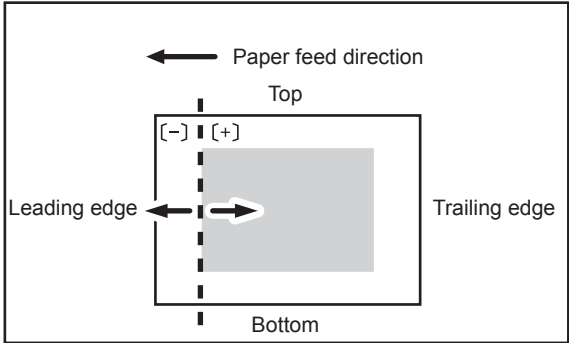
DFT053

Setting Item	Max. Value	Min. Value	Step	Unit
[Correct Trapezoidal Distortion: Right: Side 2]	0.25	-0.25	0.01	mm

4

013: [Erase Margin: Leading Edge]

Adjust the mask width at the leading edge of the image.  
By increasing the mask width, you can increase the paper margin at the leading edge of the paper.  
Press [+] to increase the mask width and [-] to reduce it.



CEZ020

Note

- To use a template to align images on Sides 1 and 2, adjust the mask width at the leading edge according to the following procedure before and after aligning images.
  - Before aligning images  
Make a note of the values in 013: [Erase Margin: Leading Edge] and 014: [Erase Margin: Trailing Edge] and apply the higher value to both 013: [Erase Margin: Leading Edge] and 014: [Erase Margin: Trailing Edge].
  - After aligning images

Return the values in 013: [Erase Margin: Leading Edge] and 014: [Erase Margin: Trailing Edge] to those previously specified.

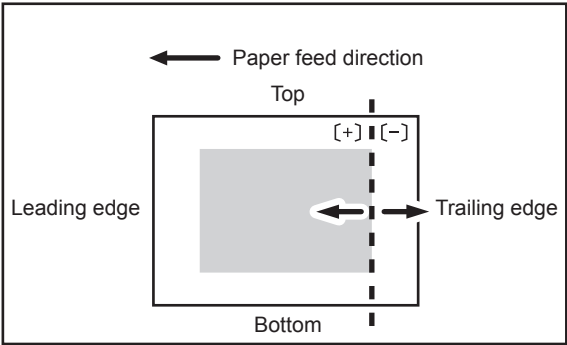
Setting Item	Max. Value	Min. Value	Step	Unit
[Erase Margin: Leading Edge]	6.0	-6.0	0.1	mm

### 014: [Erase Margin: Trailing Edge]

Adjust the mask width at the trailing edge of the image.

By increasing the mask width, you can increase the paper margin at the trailing edge of the paper.

Press [+] to increase the mask width and [-] to reduce it.



CEZ021

#### Note

- To use a template to align images on Sides 1 and 2, adjust the mask width at the leading edge according to the following procedure before and after aligning images.
  - Before aligning images
 

Make a note of the values in 013: [Erase Margin: Leading Edge] and 014: [Erase Margin: Trailing Edge] and apply the higher value to both 013: [Erase Margin: Leading Edge] and 014: [Erase Margin: Trailing Edge].
  - After aligning images
 

Return the values in 013: [Erase Margin: Leading Edge] and 014: [Erase Margin: Trailing Edge] to those previously specified.

Setting Item	Max. Value	Min. Value	Step	Unit
[Erase Margin: Trailing Edge]	6.0	-6.0	0.1	mm



## 015: [Skew Detection]

Specify whether or not to detect paper skew.

If the machine detects a paper skew when this is set to [On], it will stop printing and display a message reporting a paper jam.

### ↓ Note

- You can adjust the skew detection level by specifying 0105: [Skew Detection Level] in the 01: [Machine: Image Position] group on the [Adjustment Settings for Skilled Operators] menu.

Setting Item	Values
[Skew Detection]	[On] [Off]

4

## Machine: Image Quality

### 016: [Transfer Timing Roller Feed Speed]

Adjust the transfer timing roller speed.

Press [+] to increase the speed and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Transfer Timing Roller Feed Speed]	3.0	-3.0	0.1	%

### 017: [Paper Transfer Belt Feed Speed]

Adjust the transfer belt speed.

Press [+] or [-] to adjust the speed.

When changing this setting, also changing the value in 016: [Transfer Timing Roller Feed Speed] accordingly.

If you adjust the value of this setting, the image magnification in the paper feed direction may change. If this is the case, adjust the image magnification using 007: [Magnification: With Feed: Side 1] and 008: [Magnification: With Feed: Side 2].

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Belt Feed Speed]	1.0	-1.0	0.1	%

**018: [Maximum Image Density: K]**

Adjust the intermediate transfer belt toner adhesion for black.

Press [+] to increase the toner adhesion and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Maximum Image Density: K]	5	-5	1	None

**019: [Maximum Image Density: C]**

Adjust the intermediate transfer belt toner adhesion for cyan.

Press [+] to increase the toner adhesion and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Maximum Image Density: C]	5	-5	1	None

**020: [Maximum Image Density: M]**

Adjust the intermediate transfer belt toner adhesion for magenta.

Press [+] to increase the toner adhesion and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Maximum Image Density: M]	5	-5	1	None

**021: [Maximum Image Density: Y]**

Adjust the intermediate transfer belt toner adhesion for yellow.

Press [+] to increase the toner adhesion and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Maximum Image Density: Y]	5	-5	1	None

**022: [Image Transfer Current: BW]**

Adjust the current for the image transfer roller when printing in black and white.

Press [+] or [-] to adjust the current.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: BW]	150	0	1	μA

### 023: [Image Transfer Current: FC: K]

Adjust the current for the image transfer roller (black) when printing in full color.

Press [+] or [-] to adjust the current.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: FC: K]	150	0	1	μA

4

### 024: [Image Transfer Current: FC: C]

Adjust the current for the image transfer roller (cyan) when printing in full color.

Press [+] or [-] to adjust the current.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: FC: C]	150	0	1	μA

### 025: [Image Transfer Current: FC: M]

Adjust the current for the image transfer roller (magenta) when printing in full color.

Press [+] or [-] to adjust the current.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: FC: M]	150	0	1	μA

### 026: [Image Transfer Current: FC: Y]

Adjust the current for the image transfer roller (yellow) when printing in full color.

Press [+] or [-] to adjust the current.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: FC: Y]	150	0	1	μA

**027: [Image Transfer Current: LE: BW]**

Adjust the image transfer current at the leading edge of the paper when printing in black and white.

Specify the image transfer currents as a percentage of the currents specified in 022: [Image Transfer Current: BW].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE: BW]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

4

**028: [Image Transfer Current: LE Leng.: BW]**

Specify the area to apply the image transfer current at the leading edge of the paper when printing in black and white.

Specify the length of area at the leading edge of the paper to which the current set in 027: [Image Transfer Current: LE: BW] is applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE Length: BW]	30	0	1	mm

**029: [Image Transfer Current: LE: FC: K]**

Adjust the image transfer current at the leading edge of the paper when printing in full color (black).

Specify the image transfer currents as a percentage of the currents specified in 023: [Image Transfer Current: FC: K].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE: FC: K]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

**030: [Image Transfer Current: LE Leng.: FC: K]**

Specify the area to apply the image transfer current at the leading edge of the paper when printing in full color (black).

Specify the length of area at the leading edge of the paper to which the current set in 029: [Image Transfer Current: LE: FC: K] is applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE Length: FC: K]	30	0	1	mm

**031: [Image Transfer Current: LE: FC: C]**

Adjust the image transfer current at the leading edge of the paper when printing in full color (cyan).

Specify the image transfer currents as a percentage of the currents specified in 024: [Image Transfer Current: FC: C].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE: FC: C]	255	5	5* <sup>1</sup>	%

\*<sup>1</sup> You can adjust the value in steps of one percentage point using from Web Image Monitor.

**032: [Image Transfer Current: LE Leng.: FC: C]**

Specify the area to apply the image transfer current at the leading edge of the paper when printing in full color (cyan).

Specify the length of area at the leading edge of the paper to which the current set in 031: [Image Transfer Current: LE: FC: C] is applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE Length: FC: C]	30	0	1	mm

**033: [Image Transfer Current: LE: FC: M]**

Adjust the image transfer current at the leading edge of the paper when printing in full color (magenta).

Specify the image transfer currents as a percentage of the currents specified in 025: [Image Transfer Current: FC: M].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE: FC: M]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

#### 034: [Image Transfer Current: LE Leng.: FC: M]

Specify the area to apply the image transfer current at the leading edge of the paper when printing in full color (magenta).

Specify the length of area at the leading edge of the paper to which the current set in 033: [Image Transfer Current: LE: FC: M] is applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE Length: FC: M]	30	0	1	mm

#### 035: [Image Transfer Current: LE: FC: Y]

Adjust the image transfer current at the leading edge of the paper when printing in full color (yellow).

Specify the image transfer currents as a percentage of the currents specified in 026: [Image Transfer Current: FC: Y].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE: FC: Y]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

#### 036: [Image Transfer Current: LE Leng.: FC: Y]

Specify the area to apply the image transfer current at the leading edge of the paper when printing in full color (yellow).

Specify the length of area at the leading edge of the paper to which the current set in 035: [Image Transfer Current: LE: FC: Y] is applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Image Transfer Current: LE Length: FC: Y]	30	0	1	mm

### 037: [Paper Transfer Current: BW: Side 1]

Adjust the paper transfer current applied to the Side 1 of the paper when printing in black and white.

Press [+] to increase the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: BW: Side 1]	0	-400	1	μA

4

### 038: [Paper Transfer Current: BW: Side 2]

Adjust the paper transfer current applied to the Side 2 of the paper when printing in black and white.

Press [+] to increase the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: BW: Side 2]	0	-400	1	μA

### 039: [Paper Transfer Current: LE: BW]

Adjust the paper transfer current at the leading edge of the paper when printing in black and white.

Specify the paper transfer currents as a percentage of the currents specified in 037: [Paper Transfer Current: BW: Side 1] and 038: [Paper Transfer Current: BW: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: LE: BW]	300	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

### 040: [Paper Transfer Current: LE Leng.: BW]

Specify the area to apply the paper transfer current at the leading edge of the paper when printing in black and white.

Specify the length of area at the leading edge of the paper to which the current set in 039: [Paper Transfer Current: LE: BW] is applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: LE Length: BW]	30	0	1	mm

#### 041: [Paper Transfer Current: TE: BW]

Adjust the paper transfer current at the trailing edge of the paper when printing in black and white.

Specify the paper transfer currents as a percentage of the currents specified in 037: [Paper Transfer Current: BW: Side 1] and 038: [Paper Transfer Current: BW: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: TE: BW]	300	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

#### 042: [Paper Transfer Current: TE Leng.: BW]

Specify the area to apply the paper transfer current at the trailing edge of the paper when printing in black and white.

Specify the length of area at the trailing edge of the paper to which the current set in 041: [Paper Transfer Current: TE: BW] is applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: TE Length: BW]	100	0	1	mm

#### 043: [Paper Transfer Current: FC: Side 1]

Adjust the paper transfer current applied to the Side 1 of the paper when printing in full color.

Press [+] to increase the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: FC: Side 1]	0	-400	1	μA



**044: [Paper Transfer Current: FC: Side 2]**

Adjust the paper transfer current applied to the Side 2 of the paper when printing in full color.

Press [+] to increase the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: FC: Side 2]	0	-400	1	μA

**045: [Paper Transfer Current: LE: FC]**

Adjust the paper transfer current at the leading edge of the paper when printing in full color.

Specify the paper transfer currents as a percentage of the currents specified in 043: [Paper Transfer Current: FC: Side 1] and 044: [Paper Transfer Current: FC: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: LE: FC]	300	5	5 * <sup>1</sup>	%

\*<sup>1</sup> You can adjust the value in steps of one percentage point using from Web Image Monitor.

**046: [Paper Transfer Current: LE Leng.: FC]**

Adjust the area to apply the paper transfer current at the leading edge of the paper when printing in full color.

Specify the length of area at the leading edge of the paper to which the current set in 045: [Paper Transfer Current: LE: FC] is applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: LE Length: FC]	30	0	1	mm

**047: [Paper Transfer Current: TE: FC]**

Adjust the paper transfer current at the trailing edge of the paper when printing in full color.

Specify the paper transfer currents as a percentage of the currents specified in 043: [Paper Transfer Current: FC: Side 1] and 044: [Paper Transfer Current: FC: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: TE: FC]	300	5	5 * <sup>1</sup>	%

\*<sup>1</sup> You can adjust the value in steps of one percentage point using from Web Image Monitor.

#### 048: [Paper Transfer Current: TE Leng.: FC]

Adjust the area to apply the paper transfer current at the trailing edge of the paper when printing in full color.

Specify the length of area at the trailing edge of the paper to which the current set in 047: [Paper Transfer Current: TE: FC] is applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current: TE Length: FC]	100	0	1	mm

#### 049: [AC Transfer Mode]

Specify whether or not to enable AC mode.

If set to [Active], the settings (050-071) are enabled.

Setting Item	Values
[AC Transfer Mode]	[On] [Off]

#### 050: [AC Transfer Mode: Voltage: BW: Side 1]

Adjust the paper transfer voltage applied to Side 1 when printing in black and white with AC mode enabled.

Press [+] to increase the voltage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Voltage: BW: Side 1]	8.00	0	0.05 * <sup>1</sup>	kV

\*<sup>1</sup> You can adjust the value in steps of 0.01 using from Web Image Monitor.

### 051: [AC Transfer Mode: Voltage: BW: Side 2]

Adjust the paper transfer voltage applied to Side 2 when printing in black and white with AC mode enabled.

Press [+] to increase the voltage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Voltage: BW: Side 2]	8.00	0	0.05 <sup>*1</sup>	kV

\*1 You can adjust the value in steps of 0.01 using from Web Image Monitor.

### 052: [AC Transfer Mode: Voltage: FC: Side 1]

Adjust the paper transfer voltage applied to Side 1 when printing in full color with AC mode enabled.

Press [+] to increase the voltage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Voltage: FC: Side 1]	8.00	0	0.05 <sup>*1</sup>	kV

\*1 You can adjust the value in steps of 0.01 using from Web Image Monitor.

### 053: [AC Transfer Mode: Voltage: FC: Side 2]

Adjust the paper transfer voltage applied to Side 2 when printing in full color with AC mode enabled.

Press [+] to increase the voltage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Voltage: FC: Side 2]	8.00	0	0.05 <sup>*1</sup>	kV

\*1 You can adjust the value in steps of 0.01 using from Web Image Monitor.

### 056: [AC Transfer Mode: Current: BW: Side 1]

Adjust the paper transfer current applied to Side 1 when printing in black and white with AC mode enabled.

Press [+] to increase the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Current: BW: Side 1]	0	-400	1	μA

#### 057: [AC Transfer Mode: Current: BW: Side 2]

Adjust the paper transfer current applied to Side 2 when printing in black and white with AC mode enabled.

Press [+] to increase the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Current: BW: Side 2]	0	-400	1	μA

#### 058: [AC Transfer Mode: Current: FC: Side 1]

Adjust the paper transfer current applied to Side 1 when printing in full color with AC mode enabled.

Press [+] to increase the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Current: FC: Side 1]	0	-400	1	μA

#### 059: [AC Transfer Mode: Current: FC: Side 2]

Adjust the paper transfer current applied to Side 2 when printing in full color with AC mode enabled.

Press [+] to increase the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Current: FC: Side 2]	0	-400	1	μA

#### 060: [AC Transfer Mode: Voltage: LE: BW]

Adjust the paper transfer voltage at the leading edge of the paper when printing in black and white with AC mode enabled.

Specify the paper transfer voltage as a percentage of the voltage specified in 050: [AC Transfer Mode: Voltage: BW: Side 1] and 051: [AC Transfer Mode: Voltage: BW: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Voltage: LE: BW]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

## 061: [AC Transfer Mode: Current: LE: BW]

Adjust the paper transfer current at the leading edge of the paper when printing in black and white with AC mode enabled.

Specify the paper transfer currents as a percentage of the currents specified in 056: [AC Transfer Mode: Current: BW: Side 1] and 057: [AC Transfer Mode: Current: BW: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Current: LE: BW]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

## 062: [AC Transfer Mode: LE Leng.: BW]

Specify the area to apply paper transfer current at the leading edge of the paper when printing in black and white with AC mode enabled.

Specify the length of area at the leading edge of the paper to which the current set in 060: [AC Transfer Mode: Voltage: LE: BW] and 061: [AC Transfer Mode: Current: LE: BW] are applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: LE Length: BW]	30	0	1	mm

## 063: [AC Transfer Mode: Voltage: LE: FC]

Adjust the paper transfer voltage at the leading edge of the paper when printing in full color with AC mode enabled.

Specify the paper transfer voltage as a percentage of the voltage specified in 052: [AC Transfer Mode: Voltage: FC: Side 1] and 053: [AC Transfer Mode: Voltage: FC: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Voltage: LE: FC]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

#### 064: [AC Transfer Mode: Current: LE: FC]

Adjust the paper transfer current at the leading edge of the paper when printing in full color with AC mode enabled.

Specify the paper transfer currents as a percentage of the currents specified in 058: [AC Transfer Mode: Current: FC: Side 1] and 059: [AC Transfer Mode: Current: FC: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Current: LE: FC]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

#### 065: [AC Transfer Mode: LE Leng.: FC]

Specify the area to apply paper transfer current at the leading edge of the paper when printing in full color with AC mode enabled.

Specify the length of area at the leading edge of the paper to which the current set in 063: [AC Transfer Mode: Voltage: LE: FC] and 064: [AC Transfer Mode: Current: LE: FC] are applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: LE Length: FC]	30	0	1	mm

#### 066: [AC Transfer Mode: Voltage: TE: BW]

Adjust the paper transfer voltage at the trailing edge of the paper when printing in black and white with AC mode enabled.

Specify the paper transfer voltage as a percentage of the voltage specified in 050: [AC Transfer Mode: Voltage: BW: Side 1] and 051: [AC Transfer Mode: Voltage: BW: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Voltage: TE: BW]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

## 067: [AC Transfer Mode: Current: TE: BW]

Adjust the paper transfer current at the trailing edge of the paper when printing in black and white with AC mode enabled.

Specify the paper transfer currents as a percentage of the currents specified in 056: [AC Transfer Mode: Current: BW: Side 1] and 057: [AC Transfer Mode: Current: BW: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Current: TE: BW]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

## 068: [AC Transfer Mode: TE Leng.: BW]

Specify the area to apply paper transfer current at the trailing edge of the paper when printing in black and white with AC mode enabled.

Specify the length of area at the leading edge of the paper to which the current set in 066: [AC Transfer Mode: Voltage: TE: BW] and 067: [AC Transfer Mode: Current: TE: BW] are applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: TE Length: BW]	100	0	1	mm

## 069: [AC Transfer Mode: Voltage: TE: FC]

Adjust the paper transfer voltage at the trailing edge of the paper when printing in full color with AC mode enabled.

Specify the paper transfer voltage as a percentage of the voltage specified in 052: [AC Transfer Mode: Voltage: FC: Side 1] and 053: [AC Transfer Mode: Voltage: FC: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Voltage: TE: FC]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

### 070: [AC Transfer Mode: Current: TE: FC]

Adjust the paper transfer current at the trailing edge of the paper when printing in full color with AC mode enabled.

Specify the paper transfer currents as a percentage of the currents specified in 058: [AC Transfer Mode: Current: FC: Side 1] and 059: [AC Transfer Mode: Current: FC: Side 2].

Press [+] to increase the percentage and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: Current: TE: FC]	255	5	5 <sup>*1</sup>	%

\*1 You can adjust the value in steps of one percentage point using from Web Image Monitor.

### 071: [AC Transfer Mode: TE Leng.: FC]

Specify the area to apply paper transfer current at the trailing edge of the paper when printing in full color with AC mode enabled.

Specify the length of area at the leading edge of the paper to which the current set in 069: [AC Transfer Mode: Voltage: TE: FC] and 070: [AC Transfer Mode: Current: TE: FC] are applied.

Press [+] to increase the length of the area in which to apply the current and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[AC Transfer Mode: TE Length: FC]	100	0	1	mm

### 084: [Ppr Trns Gap]

Adjust the gap between the intermediate transfer belt and the paper transfer unit when the paper is fed through the paper transfer roller.



Setting Item	Values
[Ppr Trns Gap]	[Off] [Small Gap] [Medium Gap] [Large Gap]

### 085: [Ppr Trns Gap: On Timing]

Adjust the timing for the intermediate transfer belt and the paper transfer unit to come into contact when adjusting paper transfer gaps.

To adjust the contact timing, press [-] to make the paper contact before its leading edge enters the paper transfer roller, and press [+] to make it contact after its leading edge enters the paper transfer roller.

Setting Item	Max. Value	Min. Value	Step	Unit
[Ppr Trns Gap: On Timing]	50	-50	1	mm

### 086: [Ppr Trns Gap: Off Timing]

Adjust the timing for the intermediate transfer belt and the paper transfer unit to separate during paper contact/separation.

To adjust the separation timing, press [-] to make the paper separate before its trailing edge exits from paper transfer roller, and press [+] to make it separate after its trailing edge exits from the paper transfer roller.

Setting Item	Max. Value	Min. Value	Step	Unit
[Ppr Trns Gap: Off Timing]	50	-50	1	mm

### 087: [Ppr Trns High Pressure Setting]

Adjust the transferability at the paper transfer unit. When using textured or thick paper, set this to [High].

Setting Item	Values
[Ppr Trns High Pressure Setting]	[Off] [Low] [Medium] [High]

### 088: [Fusing Temp: FC]

Adjust the heat roller temperature when printing in full color.

Press [+] or [-] to adjust the temperature.

#### ↓ Note

- Decreasing the temperature too much may cause the toner to not properly fuse to the paper (cold offset).
- Increasing the temperature too much may distort the paper and cause glossy lines, paper jams, and insufficient toner fusing (hot offset).

Setting Item	Max. Value	Min. Value	Step	Unit
[Fusing Temp: FC]	200	100	1	degree(s)

### 089: [Fusing Temp: BW]

Adjust the heat roller temperature when printing in black and white.

Press [+] or [-] to adjust the temperature.

#### ↓ Note

- Decreasing the temperature too much may cause the toner to not properly fuse to the paper (cold offset).
- Increasing the temperature too much may distort the paper and cause glossy lines, paper jams, and insufficient toner fusing (hot offset).

Setting Item	Max. Value	Min. Value	Step	Unit
[Fusing Temp: BW]	200	100	1	degree(s)

### 090: [Fusing Pressure Roller Temp: FC]

Adjust the pressure roller temperature when printing in full color.

Press [+] or [-] to adjust the temperature.

**Note**

- Decreasing the temperature too much may cause the toner to not properly fuse to the paper (cold offset).

Setting Item	Max. Value	Min. Value	Step	Unit
[Fusing Pressure Roller Temp: FC]	200	20	1	degree(s)

## 091: [Fusing Pressure Roller Temp: BW]

Adjust the pressure roller temperature when printing in black and white.

Press [+] or [-] to adjust the temperature.

**Note**

- Decreasing the temperature too much may cause the toner to not properly fuse to the paper (cold offset).

Setting Item	Max. Value	Min. Value	Step	Unit
[Fusing Pressure Roller Temp: BW]	200	20	1	degree(s)

## 092: [Fusing Nip Width Setting]

Adjust the nip width between the fusing belt and the pressure roller (not applied to envelopes).

Press [+] or [-] to adjust the nip width.

**Note**

- Changing this setting may lead to insufficient fusing, which may cause the toner to unfuse from the paper (cold offset).

Setting Item	Max. Value	Min. Value	Step	Unit
[Fusing Nip Width Setting]	4	1	1	None

## 093: [Fusing Pressure Roller On Before Fusing]

Specify whether or not to have the fusing pressure roller come into contact with the fusing belt before the printing operation (paper feeding) starts.

If [On] is selected, the fusing pressure roller comes into contact with the fusing belt before the paper is fed, preventing the temperature of the fusing unit from dropping.

**Note**

- If [On] is selected, image degradation (uneven luster) may occur.

Setting Item	Values
[Fusing Pressure Roller On Before Fusing]	[On] [Off]

**094: [Additional Fusing Temp 1]**

Adjust the temperature applied to the fusing unit at the start of paper transfer.

Press [+] to increase the temperature and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Additional Fusing Temp 1]	30	0	1	degree(s)

**095: [Additional Fusing Temp 2]**

Adjust the temperature applied to the fusing unit immediately before the start of paper transfer.

Press [+] to increase the temperature and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Additional Fusing Temp 2]	30	0	1	degree(s)

**096: [Cleaning Web Rotation Interval]**

Specify the interval between each activation of the cleaning web.

If you set this to "-50%", the interval is reduced in half. Reducing the interval causes the cleaning web to wear out twice as fast, which makes it necessary to replace the cleaning web more often.

Press [+] to increase the interval and [-] to decrease it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Cleaning Web Rotation Interval]	0	-75	5	%

**097: [Cleaning Web Contact Setting]**

Specify the cleaning web separation behavior during printing.

If set to [On], the cleaning web separates during printing. If paper jams or the fusing pressure roller rotates in reverse, the cleaning web automatically separates regardless of this setting.

Select [On] if image quality degradation due to fusing (black spots) occurs when printing is performed on glossy or matte paper.

#### ↓ Note

- When using paper smaller than A3 (11 × 17 inches), the cleaning web separates regardless of this setting.

Setting Item	Values
[Cleaning Web Contact Setting]	[On] [Off]

4

### 098: [Fusing Pressure Roller Cooling Fan Setting]

Specify how the cooling fan of the pressure roller moves.

To switch the fan operation according to the registered custom paper preset, set this to [Variation Mode].

Setting Item	Values
[Fusing Pressure Roller Cooling Fan Setting]	[Off] [Fixed Mode] [Variation Mode]

### 099: [Smoothing Roller Rotation Interval]

To remove scratches, polish the fusing belt with the fusing belt smoothing roller.

Adjust the value according to the paper type or thickness.

Press [+] to make the interval shorter and [-] to make it longer.

Setting Item	Max. Value	Min. Value	Step	Unit
[Smoothing Roller Rotation Interval]	255	0	1	%

### 100: [Smoothing Roller Auto Execute Setting]

Polish the fusing belt automatically to remove scratches.

If there are glossy lines due to paper edge traces, select [Auto Execute: Frequently] to polish the fusing belt more frequently.

Also, if you want to change the intervals and time to polish the fusing belt, select [Auto Execute: Set by User].

**Note**

- If you select [Auto Execute: Set by User], the fusing belt is polished according to the interval and time specified in [Interval for Executing Short Time Smoothing] and [Period for Performing Long Time Smoothing] in 0505: [Fusing Belt Smoothing Setting (Set by User)] in [Adjustment Settings for Skilled Operators].

Setting Item	Values
[Smoothing Roller Auto Execute Setting]	[Do not Execute Automatically] [Automatic Execution] [Auto Execute: Frequently] [Auto Execute: Set by User]

**101: [Cleaning Web Contact Position]**

Specify where to start cleaning web contact/separation during printing.

This must be adjusted if image quality degradation due to fusing (black spots) occurs when printing on uncoated paper.

Setting Item	Values
[Cleaning Web Contact Position]	[Contact 1] [Contact 2] [Contact 3] [Contact 4] [Contact 5]

**102: [Fusing Nip Width Adjustment: Envelope]**

Adjust the nip width between the fusing belt and pressure roller when an envelope is being fed.

Press [+] to increase the nip width, or [-] to decrease.

This setting will be applied only if 092: [Fusing Nip Width Setting] is set to "1".

Setting Item	Max. Value	Min. Value	Step	Unit
[Fusing Nip Width Adjustment: Envelope]	10000	0	1	msec.

### 103: [Fusing Temp to Feed Ppr]

Adjust the fusing temperature at which to allow paper feeding after warming up.

This mode reduces fusing errors by increasing the fusing temperature at which paper feeding is allowed.

Setting Item	Max. Value	Min. Value	Step	Unit
[Fusing Temp to Feed Ppr]	7	1	1	None

4

### 104: [Pressure Roller Temp to Feed Ppr]

Adjust the fusing temperature at which to allow paper feeding after warming up.

This mode reduces paper jams in the fusing pressure roller by decreasing the temperature of the fusing pressure roller at which paper feeding is allowed.

Setting Item	Max. Value	Min. Value	Step	Unit
[Pressure Roller Temp to Feed Ppr]	7	1	1	None

## Machine: Paper Feed/ Output

### 105: [Paper Tray: Updraft Fan Level]

Adjust the airflow of the updraft fan of the paper tray.

Press [+] to increase the airflow, or [-] to decrease.

#### ↓ Note

- The factory default is restored for this setting if you change the paper type, paper thickness, or paper size setting. If this is the case, specify this setting again.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Tray: Updraft Fan Level]	100	0	10	%

106: [Paper Tray: Blower Fan Level]

Adjust the airflow of the blower fan of the paper tray.

Press [+] to increase the airflow, or [-] to decrease.

Note

- The factory default is restored for this setting if you change the paper type, paper thickness, or paper size setting. If this is the case, specify this setting again.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Tray: Blower Fan Level]	100	0	10	%

107: [Paper Tray: Side Fan Level]

Adjust the airflow of the side fan of the paper tray.

Press [+] to increase the airflow, or [-] to decrease.

Note

- The factory default is restored for this setting if you change the paper type, paper thickness, or paper size setting. If this happens, specify this setting again.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Tray: Side Fan Level]	100	0	10	%

108: [Paper Tray: Vacuum Fan Level]

Adjust the airflow of the vacuum fan of the paper tray.

Press [+] to increase the airflow, or [-] to decrease.

Note

- The factory default is restored for this setting if you change the paper type, paper thickness, or paper size setting. If this happens, specify this setting again.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Tray: Vacuum Fan Level]	100	0	10	%

109: [Paper Tray: Updraft Fan Shutter]

Specify how the updraft/blower fan shutter of the paper tray moves.



If this value is set to [Active], the shutter is opened and closed each time paper is fed.

If this value is set to [Inactive], the shutter remains open at all time.

#### ↓ Note

- The factory default is restored for this setting if you change the paper type, paper thickness, or paper size setting. If this happens, specify this setting again.

Setting Item	Values
[Paper Tray: Updraft Fan Shutter]	[Active] [Inactive]

### 110: [Paper Tray: Side Fan Shutter]

Specify how the side fan shutter of the paper tray moves.

If this value is set to [Active], the shutter is opened and closed each time paper is fed.

If this value is set to [Inactive], the shutter remains open at all time.

#### ↓ Note

- The factory default is restored for this setting if you change the paper type, paper thickness, or paper size setting. If this happens, specify this setting again.

Setting Item	Values
[Paper Tray: Side Fan Shutter]	[Active] [Inactive]

### 111: [Paper Tray: Paper Feed Position]

Switch the upper limit for sheets of paper to be loaded in the paper tray.

#### ↓ Note

- The factory default is restored for this setting if you change the paper type, paper thickness, or paper size setting. If this happens, specify this setting again.

Setting Item	Values
[Paper Tray: Paper Feed Position]	[Low] [High]

## 112: [Paper Tray: Paper Feed Mode]

Specify how the paper tray fan moves.

### Note

- The factory default is restored for this setting if you change the paper type, paper thickness, or paper size setting. If this happens, specify this setting again.

Setting Item	Values
[Paper Tray: Paper Feed Mode]	[Max Dble Fd Reduc. (Lowest)] [Modrate Dble Fd Red. (Lower)] [Standard (No Adjustment)] [Moderate Nonfdg Red. (Higher)] [Max Nonfdng Reduc. (Highest)]

## 113: [Double Feed Detection]

Specify whether or not to detect double feeding of paper.

If the machine wrongly detects double feed, select [Off].

Setting Item	Values
[Double Feed Detection]	[On] [Off]

## 114: [Registration Gate Position Setting]

Adjust the registration gate position.

Specify this setting to improve the skew correction accuracy when paper 160 mm (6.3 inches) wide or narrower is used.

When using thick paper, adjust the setting in the [-] direction.

When using thin paper, adjust the setting in the [+] direction.

Setting Item	Max. Value	Min. Value	Step	Unit
[Registration Gate Position Setting]	4	-8	1	None

### 115: [Ppr Edge Detection: Sensing Duration]

Specify the illumination mode of the paper edge detection sensor.

In [Short Time] mode, the paper edge detection sensor casts light on paper several times to reduce measurement errors.

In [Long Time] mode, the paper edge detection sensor casts light for a long time to detect paper.

Select [Long Time] for dark colored paper, transparencies, or other media that are difficult for the paper edge detection sensor to detect in [Short Time] mode.

Setting Item	Values
[Ppr Edge Detection: Sensing Duration]	[Long Time] [Short Time]

### 116: [Ppr Edge Detection: Sensitivity]

Adjust the luminance of the paper edge detection sensor.

Press [+] or [-] to adjust the luminance.

Setting Item	Max. Value	Min. Value	Step	Unit
[Ppr Edge Detection: Sensitivity]	25.0	1.0	0.1	None

### 117: [J047 Detection]

Specify whether or not to stop printing if the horizontal misalignment of the delivered paper exceeds the adjustable range (3 mm/0.1 inch).

If [On] is selected, an error message appears and the machine stops printing if the paper misalignment exceeds the adjustable range.

If [Off] is selected, the machine continues printing while the maximum correction of 3 mm (0.1 inch) is applied even though the paper misalignment exceeds the adjustable range.

Setting Item	Values
[J047 Detection]	[On] [Off]

### 118: [Registration Adjustment: Across Feed]

Specify whether or not the machine automatically detects paper pathway deviations during the paper feeding process and adjusts the vertical position of the print image accordingly.

This function relies on a sensor that receives light reflected from the paper's surface. Because of this, it may not work with non-reflective paper such as dark paper, transparencies, or printed paper that has no margins. If this function does not work with the paper you have loaded, disable this function by selecting [Activate].

Setting Item	Values
[Registration Adjustment: Across Feed]	[Activate] [Deactivate]

### 119: [Image Magnification Auto Adjustment]

The machine measures the length and width of both sides of the paper and specifies the magnification ratio of the image on the back side according to the shrinking or transfiguration of the image.

Select [Activate] when printing continuously on paper that shrinks a lot.

Setting Item	Values
[Image Magnification Auto Adjustment]	[Activate] [Deactivate]

### 120: [Process Speed Setting]

Adjust the machine's operating speed.

#### ⓘ Note

- In some cases, if you change this setting from [Low] to [High], the toner may not properly fuse to the paper.
- Depending on the type of paper, you can increase the toner gloss by changing this setting from [High] to [Low].

Setting Item	Values
[Process Speed Setting]	[High]: Full speed [Low]: 60 % of full speed

**121: [Trans-Fusing Transfer Belt 1 Feed Speed]**

Adjust the speed of the conveyer belt at the paper transfer unit.

Press [+] to increase the speed and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Trans-Fusing Transfer Belt 1 Feed Speed]	6.0	0	0.1	%

**122: [Trans-Fusing Transfer Belt 2 Feed Speed]**

Adjust the speed of the conveyer belt at the fusing unit.

Press [+] to increase the speed and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Trans-Fusing Transfer Belt 2 Feed Speed]	6.0	0	0.1	%

**123: [Fusing Belt Feed Speed]**

Adjust the fusing roller's speed.

Press [+] to increase the speed and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Fusing Belt Feed Speed]	10.0	-10.0	0.1	%

**124: [Decurler 1 Feed Speed]**

Adjust the decurler unit roller's speed.

Press [+] to increase the speed and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Decurler 1 Feed Speed]	5.0	-1.0	0.5	%

**125: [Decurler 2 Feed Speed]**

Adjust the decurler unit roller's speed.

Press [+] to increase the speed and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Decurler 2 Feed Speed]	5.0	-1.0	0.5	%

### 126: [Cooling Belt Feed Speed]

Adjust the feed speed of the cooling transport motor.

Press [+] to increase the speed and [-] to reduce it.

Setting Item	Max. Value	Min. Value	Step	Unit
[Cooling Belt Feed Speed]	5.0	-5.0	0.1	%

### 127: [Paper Feed Interval Setting]

Use this to increase the interval between feeding each sheet of paper so as to reduce jitter.

Setting Item	Max. Value	Min. Value	Step	Unit
[Paper Feed Interval Setting]	100	1	1	%

### 128: [Env corr: Fusing Pressure Temp / CPM]

Specify whether or not to straighten curled sheets.

Setting Item	Values
[Env corr: Fusing Pressure Temp / CPM]	[On] [Off]

### 129: [Env corr: Fusing Pressure Temp: Low RH]

This setting becomes effective only if 128: [Env corr: Fusing Pressure Temp / CPM] is set to [On].

Adjust the temperature to minimize the temperature difference between the fusing belt and pressure roller so that the difference between the heat applied to the front and back of the paper is minimized, reducing paper curling.

If the ambient humidity is 66% to 84% in 0511: [Temperature / Humidity outside the Machine] in [Adjustment Settings for Skilled Operators], specify this setting.

If the ambient humidity is 85% or higher, adjust the temperature using 130: [Env corr: Fusing Pressure Temp: High RH].

If the ambient humidity is lower than 65%, it is not necessary to specify this setting.

Setting Item	Max. Value	Min. Value	Step	Unit
[Env corr: Fusing Pressure Temp: Low RH]	60	0	1	degree(s)

### 130: [Env corr: Fusing Pressure Temp: High RH]

This setting becomes effective only if 128: [Env corr: Fusing Pressure Temp / CPM] is set to [On].

Adjust the temperature to minimize the temperature difference between the fusing belt and pressure roller so that the difference between the heat applied to the front and back of the paper is minimized, reducing paper curling.

If the ambient humidity is 85% or higher in 0511: [Temperature / Humidity outside the Machine] in [Adjustment Settings for Skilled Operators], specify this setting.

If the ambient humidity is 66% to 84%, adjust the temperature using 129: [Env corr: Fusing Pressure Temp: Low RH].

If the ambient humidity is lower than 65%, it is not necessary to specify this setting.

Setting Item	Max. Value	Min. Value	Step	Unit
[Env corr: Fusing Pressure Temp: High RH]	60	0	1	degree(s)

### 131: [Env corr: CPM: Low RH]

This setting becomes effective only if 128: [Env corr: Fusing Pressure Temp / CPM] is set to [On].

Increase the interval between paper delivery so that the difference between the heat applied to the front and back of the paper is minimized, reducing paper curling.

If the ambient humidity is 66% to 84% in 0511: [Temperature / Humidity outside the Machine] in [Adjustment Settings for Skilled Operators], specify this setting.

If the ambient humidity is 85% or higher, adjust the temperature using 132: [Env corr: CPM: High RH].

If the ambient humidity is lower than 65%, it is not necessary to specify this setting.

Setting Item	Max. Value	Min. Value	Step	Unit
[Env corr: CPM: Low RH]	100	10	5	%

### 132: [Env corr: CPM: High RH]

This setting becomes effective only if 128: [Env corr: Fusing Pressure Temp / CPM] is set to [On].

Increase the interval between paper delivery so that the difference between the heat applied to the front and back of the paper is minimized, reducing paper curling.

If the ambient humidity is 85% or higher in 0511: [Temperature / Humidity outside the Machine] in [Adjustment Settings for Skilled Operators], specify this setting.

If the ambient humidity is 66% to 84%, adjust the temperature using 131: [Env corr: CPM: Low RH].

If the ambient humidity is lower than 65%, it is not necessary to specify this setting.

Setting Item	Max. Value	Min. Value	Step	Unit
[Env corr: CPM: High RH]	100	10	5	%

## 4

## Machine: Productivity

### 133: [Initial CPM Setting: L. Tmp: 1 Sided]

Select one of the three levels of print speed reduction at low temperatures.

If the temperature of the fusing unit falls below a certain point, the machine will reduce the print speed to increase fusibility.

#### ↓ Note

- The setting will take effect if the ambient temperature is 17 degrees or lower in 0511: [Temperature / Humidity outside the Machine] in [Adjustment Settings for Skilled Operators]. If the ambient temperature is higher than 17 degrees, specify 134: [Initial CPM Setting: 1 Sided].

Setting Item	Values
[Initial CPM Setting: Low Temp: 1 Sided]	[Do not Reduce]: Full speed [Reduce Level 1]: 60 % of full speed [Reduce Level 2]: 40 % of full speed [Reduce Level 3]: 20 % of full speed

### 134: [Initial CPM Setting: 1 Sided]

Select one of the three levels of print speed reduction at normal room temperature and above.

If the temperature of the fusing unit falls below a certain point, the machine will reduce the print speed to increase fusibility.



**Note**

- The setting will take effect if the ambient temperature is higher than 17 degrees in 0511: [Temperature / Humidity outside the Machine] in [Adjustment Settings for Skilled Operators]. If the ambient temperature is 17 degrees or lower, specify 133: [Initial CPM Setting: L. Tmp: 1 Sided].

Setting Item	Values
[Initial CPM Setting: 1 Sided]	[Do not Reduce]: Full speed [Reduce Level 1]: 60 % of full speed [Reduce Level 2]: 40 % of full speed [Reduce Level 3]: 20 % of full speed

4

**135: [Initial CPM Setting: L. Tmp: 2 Sided]**

Select one of the three levels of print speed reduction at low temperatures.

If the temperature of the fusing unit falls below a certain point, the machine will reduce the print speed to increase fusibility.

**Note**

- The setting will take effect if the ambient temperature is 17 degrees or lower in 0511: [Temperature / Humidity outside the Machine] in [Adjustment Settings for Skilled Operators]. If the ambient temperature is higher than 17 degrees, specify 136: [Initial CPM Setting: 2 Sided].

Setting Item	Values
[Initial CPM Setting: Low Temp: 2 Sided]	[Do not Reduce]: Full speed [Reduce Level 1]: 60 % of full speed [Reduce Level 2]: 40 % of full speed [Reduce Level 3]: 20 % of full speed

**136: [Initial CPM Setting: 2 Sided]**

Select one of the three levels of print speed reduction at normal room temperature and above.

If the temperature of the fusing unit falls below a certain point, the machine will reduce the print speed to increase fusibility.

**Note**

- The setting will take effect if the ambient temperature is higher than 17 degrees in 0511: [Temperature / Humidity outside the Machine] in [Adjustment Settings for Skilled Operators]. If the ambient temperature is 17 degrees or lower, specify 135: [Initial CPM Setting: L. Tmp: 2 Sided].

Setting Item	Values
[Initial CPM Setting: 2 Sided]	[Do not Reduce]: Full Speed [Reduce Level 1]: 60 % of full speed [Reduce Level 2]: 40 % of full speed [Reduce Level 3]: 20 % of full speed

## Finishing: Fold

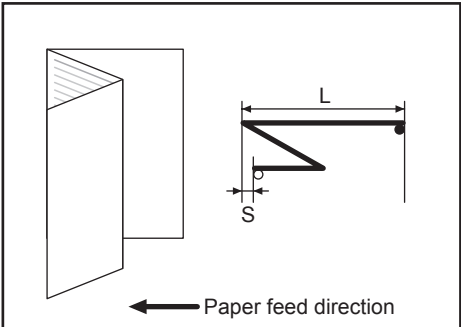
### 4

#### 137: [Z-fold Position 1]

Adjust the width of the bottom end segment (S) of Z- folded sheets when using the multi-folding unit.

Press [+] to increase (S) and [-] to reduce it.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CEZ001

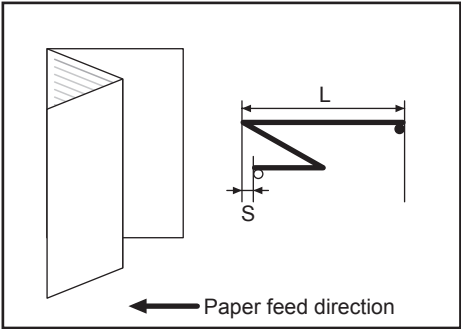
Setting Item	Max. Value	Min. Value	Step	Unit
[Z-fold Position 1]	4.0	-4.0	0.2	mm

#### 138: [Z-fold Position 2]

Adjust the overall fold size (L) of Z- folded sheets when using the multi-folding unit.

Press [+] to increase (L) and [-] to reduce it.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



Setting Item	Max. Value	Min. Value	Step	Unit
[Z-fold Position 2]	4.0	-4.0	0.2	mm

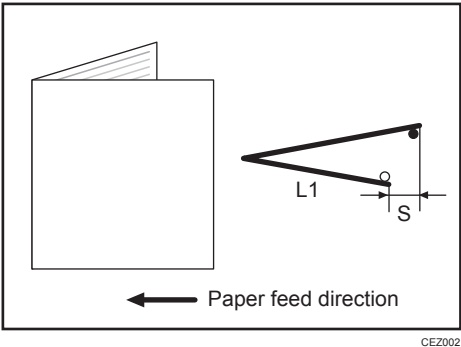
139: [Half Fold Position: 1 sheet Fold]

Adjust the fold position (S) of half folded sheets when using the multi-folding unit.

This setting will not be applied when the multi-sheet fold function is enabled.

Press [+] to increase (S) and [-] to reduce it.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



Setting Item	Max. Value	Min. Value	Step	Unit
[Half Fold Position: Single-sheet Fold]	4.0	-4.0	0.2	mm

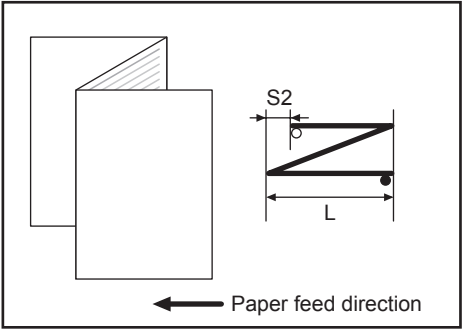
140: [Letter Fold-out Position 1: 1 sheet Fold]

Adjust the fold position for the bottom segment (S2) of letter fold-out sheets when using the multi-folding unit.

This setting will not be applied when the multi-sheet fold function is enabled.

Press [+] to increase (S2) and [-] to reduce it.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CEZ003

Setting Item	Max. Value	Min. Value	Step	Unit
[Letter Fold-out Position 1: Single-sheet Fold]	3.0 <sup>*1</sup>	-3.0 <sup>*1</sup>	0.2	mm

<sup>\*1</sup> Although you can enter up to  $\pm 4$  mm, the adjustment value is effective only within the range of  $\pm 3$  mm.

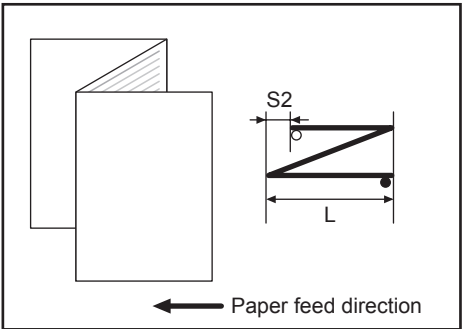
## 141: [Letter Fold-out Position 2: 1 sheet Fold]

Adjust the overall fold size (L) of letter fold-out sheets when using the multi-folding unit.

This setting will not be applied when the multi-sheet fold function is enabled.

Press [+] to increase (L) and [-] to reduce it.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CEZ003

Setting Item	Max. Value	Min. Value	Step	Unit
[Letter Fold-out Position 2: Single-sheet Fold]	3.0 <sup>*1</sup>	-3.0 <sup>*1</sup>	0.2	mm

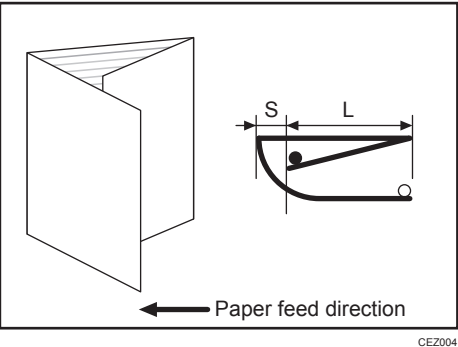
<sup>\*1</sup> Although you can enter up to  $\pm 4$  mm, the adjustment value is effective only within the range of  $\pm 3$  mm.

**142: [Letter Fold-in Position 1: 1 sheet Fold]**

Adjust the fold position of the bottom segment (S) of letter fold-in sheets when using the multi-folding unit. This setting will not be applied when the multi-sheet fold function is enabled.

Press [+] to increase (S) and [-] to reduce it.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



Setting Item	Max. Value	Min. Value	Step	Unit
[Letter Fold-in Position 1: Single-sheet Fold]	4.0	-4.0	0.2	mm

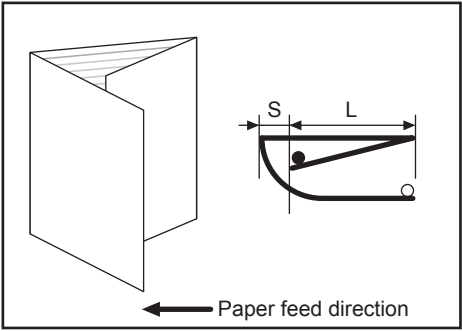
**143: [Letter Fold-in Position 2: 1 sheet Fold]**

Adjust the overall fold size (L) of letter fold-in sheets when using the multi-folding unit.

This setting will not be applied when the multi-sheet fold function is enabled.

Press [+] to increase (L) and [-] to reduce it.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CEZ004

4

Setting Item	Max. Value	Min. Value	Step	Unit
[Letter Fold-in Position 2: Single-sheet Fold]	4.0	-4.0	0.2	mm

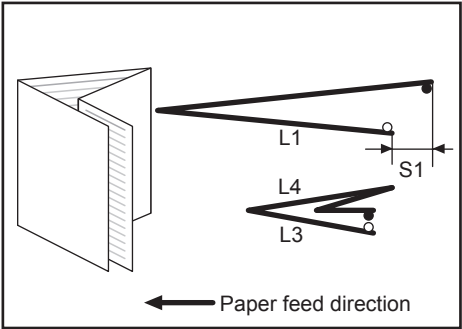
#### 144: [Double Parallel Fold Position 1]

Adjust the fold position of the bottom segment 1 (S1) of double parallel-folded sheets when using the multi-folding unit.

Press [+] to increase (S1) and [-] to reduce it.

The upper right illustration shows a partly opened, double parallel-folded sheet (folded in half), and the lower right illustration shows a fully folded sheet.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CEZ006

Setting Item	Max. Value	Min. Value	Step	Unit
[Double Parallel Fold Position 1]	4.0	-4.0	0.2	mm

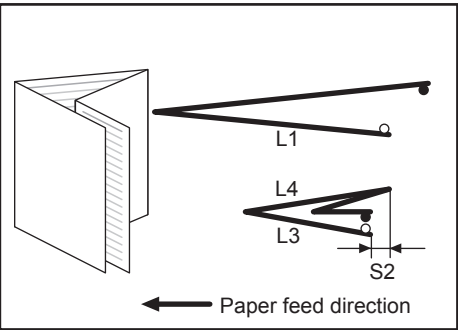
145: [Double Parallel Fold Position 2]

Adjust the fold position of the bottom segment 2 (S2) of double parallel-folded sheets when using the multi-folding unit.

Press [+] to increase (S2) and [-] to reduce it.

The upper right illustration shows a partly opened, double parallel-folded sheet (folded in half), and the lower right illustration shows a fully folded sheet.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CEZ007

Setting Item	Max. Value	Min. Value	Step	Unit
[Double Parallel Fold Position 2]	4.0	-4.0	0.2	mm

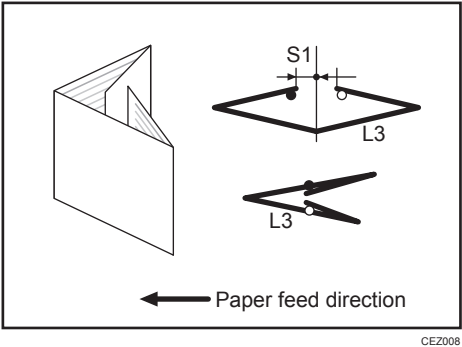
146: [Gate Fold Position 1]

Adjust the fold width of the bottom segment 1 (S1) of gate folded sheets when using the multi-folding unit.

Press [+] to increase (S1) and [-] to reduce it.

The upper right illustration shows a partly opened, gate folded sheet, and the lower right illustration shows a fully folded sheet.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CEZ008

**Note**

- You cannot specify this setting when using 12" × 18" paper.

Setting Item	Max. Value	Min. Value	Step	Unit
[Gate Fold Position 1]	4.0	-4.0	0.2	mm

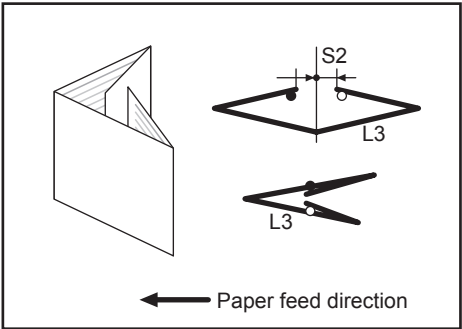
### 147: [Gate Fold Position 2]

Adjust the fold width of the bottom segment 2 (S2) of gate folded sheets when using the multi-folding unit.

Press [+] to increase (S2) and [-] to reduce it.

The upper right illustration shows a partly opened, gate folded sheet, and the lower right illustration shows a fully folded sheet.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CEZ009

**Note**

- You cannot specify this setting when using 12" × 18" paper.



Setting Item	Max. Value	Min. Value	Step	Unit
[Gate Fold Position 2]	4.0	-4.0	0.2	mm

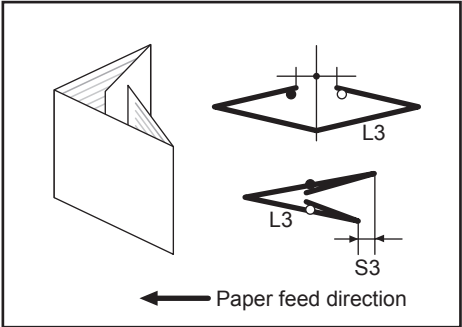
**148: [Gate Fold Position 3]**

Adjust the fold position of the bottom segment 3 (S3) of gate folded sheets when using the multi-folding unit.

Press [+] to increase (S3) and [-] to reduce it.

The upper right illustration shows a partly opened, gate folded sheet, and the lower right illustration shows a fully folded sheet.

The ○ mark indicates the leading edge (relative to the paper feed direction), and the ● mark indicates the trailing edge.



CEZ010

Setting Item	Max. Value	Min. Value	Step	Unit
[Gate Fold Position 3]	4.0	-4.0	0.2	mm

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MEMO



