Pro C5100/C5110 series

Operating Instructions

Adjustment Item Menu Guide: TCRU/ORU

TABLE OF CONTENTS

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.

How to Read This Manual

Symbols

This manual uses the following symbols:

Important

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

Note

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

Reference

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

[ ]

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

Disclaimer

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

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

Notes

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.

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. With this machine refer to the inch version.

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 "System Settings".

Replacement Guide

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

Troubleshooting

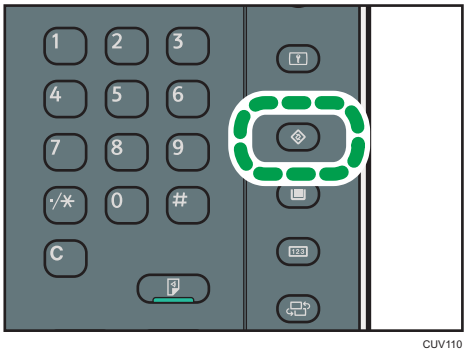
This manual explains how to troubleshoot problems related to image quality, paper delivery, and other aspects of machine operation.

1. Adjustment Settings for Skilled Operators

Displaying the [Adjustment Settings for Skilled Operators] Button

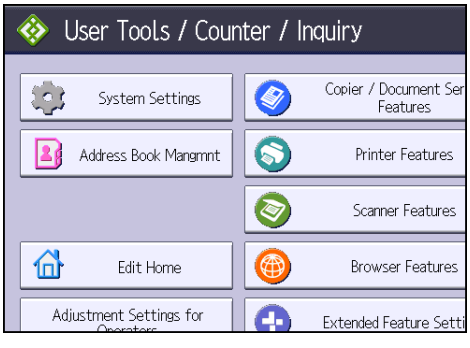
To use the Adjustment Settings for Skilled Operators, you must first configure your machine's Administrator Authentication Management setting.

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

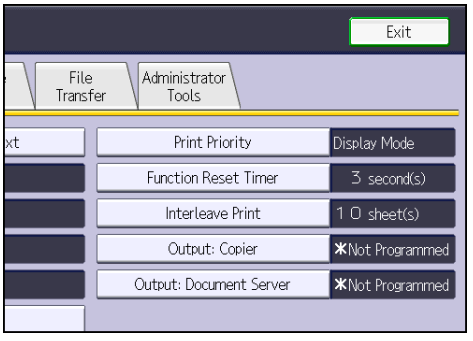


CUV110

2. **Press [System Settings] on the display.**

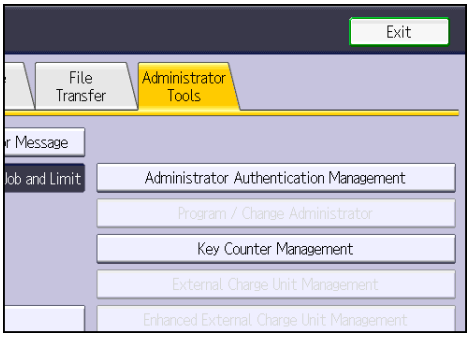


3. **Press [Administrator Tools].**

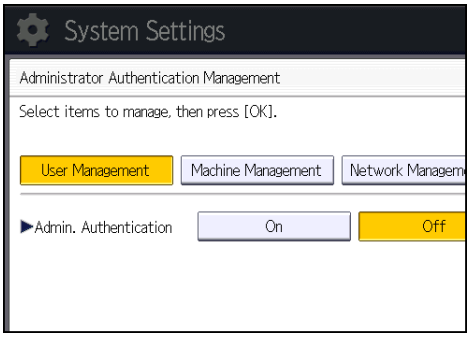


4. **Press [▼Next].**

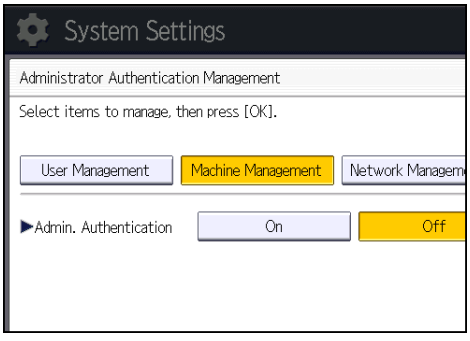
5. **Press [Administrator Authentication Management].**



6. **Press [Machine Management].**

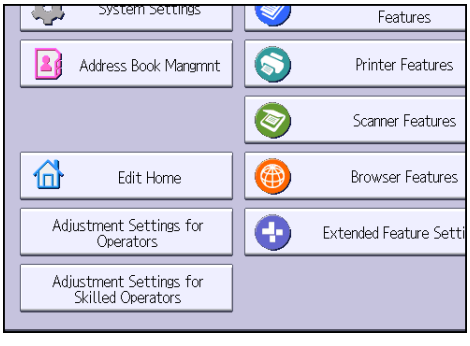


7. **Select [On] for "Admin. Authentication".**



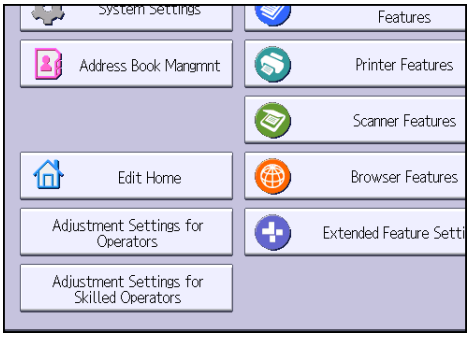
8. **Press [OK].**
9. **Press [Exit].**

   The [Adjustment Settings for Skilled Operators] button appears.

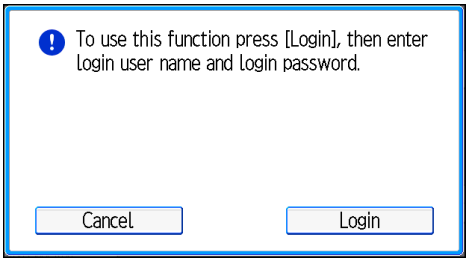


Accessing Adjustment Settings for Skilled Operators

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

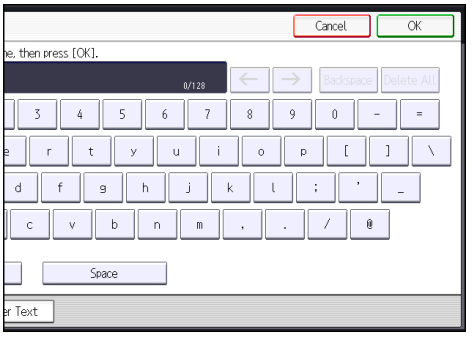


2. **Press [Login].**

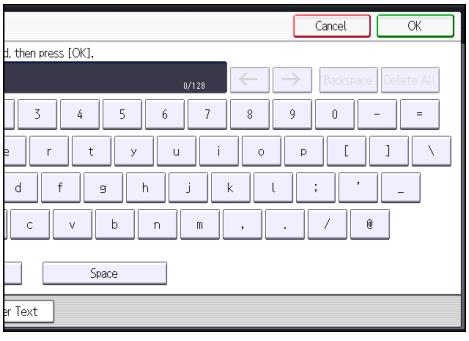


3. **Enter your login user name, and then press [OK].**

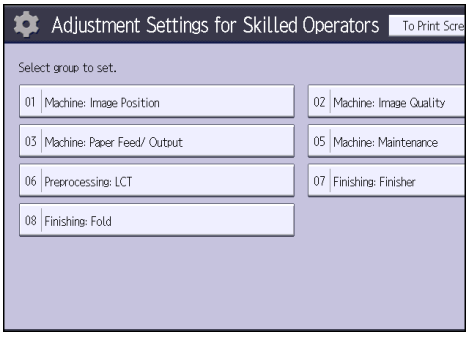
   If you are logging on as the administrator for the first time, enter "admin".



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



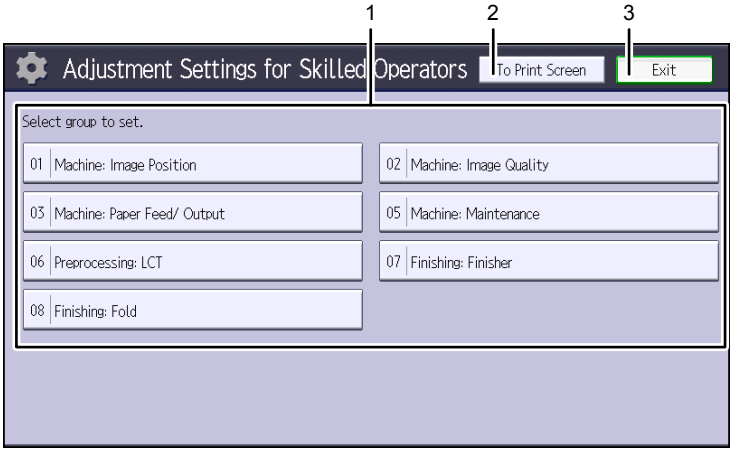
The Adjustment Settings for Skilled Operators appears.



Layout of Adjustment Settings for Skilled Operators

1

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



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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

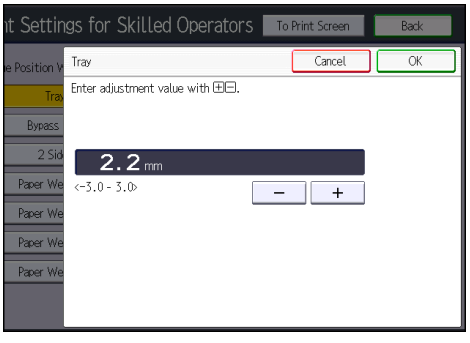
The following operations are available for each adjustment item:

- Value setting
- Item setting
- Executing
- Display only

Value setting

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

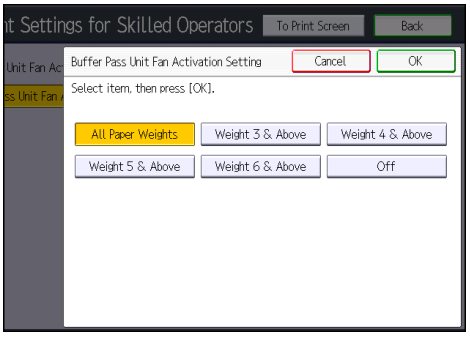
Select [OK] to apply the new setting.



Item setting

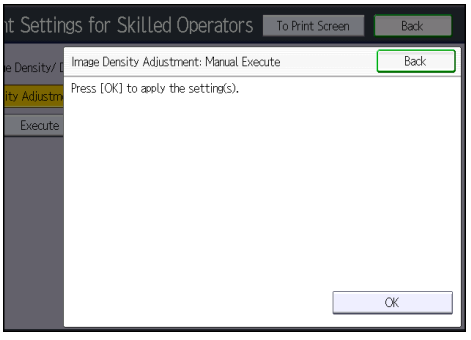
Select the item you require.

Select [OK] to apply the new setting.



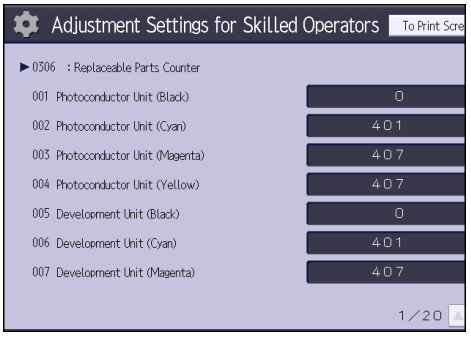
Executing

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, paper size, and paper weight.

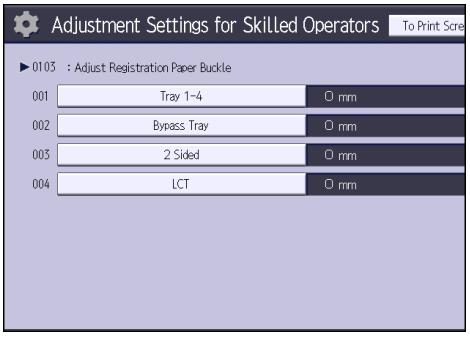
Depending on the adjustment setting, the same settings specified under different categories may be applied to printed copies concurrently.

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

Settings for each paper tray

These adjustment settings can be specified for each paper tray.

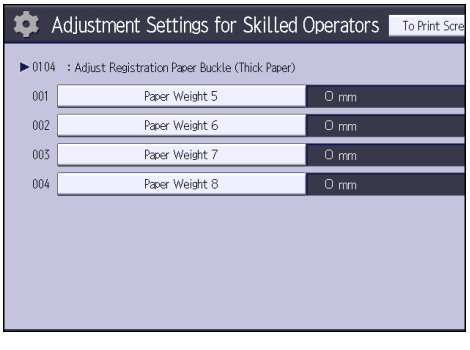
The settings are applied only to printed copies fed from each paper tray.



Settings for each paper weight

These adjustment settings can be specified for each paper weight.

The settings are applied only to printed copies of each paper weight*1.

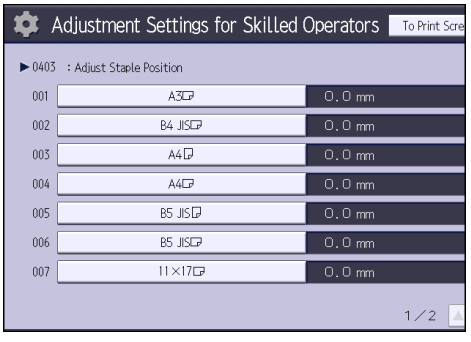


*1 This appears as [Paper Thickness] in [Tray Paper Settings].

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

- For information about the paper tray, paper thickness, and tray paper size settings that can be specified for a particular function, see the manual for the relevant function.

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

Menu Items and Functions

[Machine: Image Position]

For details about the following items, see page 23 "[Machine: Image Position]".

No.	Item	Description
0101	[Adjust Image Position With Feed Direction]	Adjust the horizontal position of the print image.
0102	[Adjust Image Position Across Feed Direction]	Adjust the vertical position of the print image.
0107	[Adjust Erase Margin With Feed Direction]	Adjust the mask width at the leading edge, trailing edge, left edge, or right edge of the image.

[Machine: Image Quality]

For details about the following items, see page 28 "[Machine: Image Quality]".

No.	Item	Description
0201	[Adjust Image Density/ DEMS]	Execute image density control manually. DEMS can reduce the variations in thickness that occur in the intervals between the photoconductor and development sleeve operations.
0202	[Image Density Adjustment Execute Interval]	Specify the number of sheets the machine prints in full color before it automatically adjusts image density.
0203	[Adjust Maximum Image Density]	Specify the adhesion of toner to the drum surface and 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.

No.	Item	Description
0207	[Adjust Fusing Temperature on Standby]	Adjust the set fusing temperature according to the machine status.
0208	[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.
0209	[Photoconductor Special Mode]	Increase the amount of lubricant applied to the photoconductor.
0210	[Fusing Belt Smoothing]	Polish the fusing belt to eliminate the scratches caused by paper edges.
0211	[Fusing Ability by Paper Feed Speed]	Specify appropriately to improve transferability to thick paper.

[Machine: Paper Feed/ Output]

For details about the following items, see page 32 "[Machine: Paper Feed/ Output]".

No.	Item	Description
0103	[Adjust Registration Paper Buckle]	Adjust the degree of paper arching at the registration gate.
0104	[Adjust Registration Paper Buckle (Thick Paper)]	Adjust the degree of paper arching at the registration gate when using paper of Paper Weight 5 to 7.
0106	[Criteria for Paper Weight]	Specify the criteria for identifying the paper weight.
0140	[Buffer Pass Unit Fan Activation Setting]	Select when the buffer pass unit fan is to operate.

[Machine: Maintenance]

For details about the following items, see page 35 "[Machine: Maintenance]".

No.	Item	Description
0301	[Execute Cleaning Initial Setting]	Initialize the cleaning unit for the photoconductor unit (PCU).
0302	[Execute Process Initial Setting]	Initialize print settings at once.

No.	Item	Description
0303	[ITB Manual Lubrication]	Lubricate the intermediate transfer belt.
0304	[Tighten Fusing Cleaning Unit at Replacement]	Tighten the cleaning web after replacing it.
0305	[Reset Replaceable Parts Counter]	Counter Reset the counter for replaceable parts.
0306	[Replaceable Parts Counter]	Display the counters for replaceable units.
0307	[Target Value for Replaceable Part]	Display the values at which replaceable units must be replaced.
0701	[Temperature / Humidity inside the Machine]	Display the internal temperature and humidity.
0702	[Temperature / Humidity outside the Machine]	Display the external temperature and humidity.

[Preprocessing: LCT]

For details about the following items, see page 37 "[Preprocessing: LCT]".

No.	Item	Description
0108	[Adjust Wide LCT Fan Level]	Adjust the airflow of the wide LCT for fanning the sheets.
0109	[Adjust Wide LCT Fan Timer]	Adjust the duration of the airflow of the wide LCT for fanning the sheets.
0110	[Pickup Assist Setting]	Specify the paper feed roller movement.

[Finishing: Finisher]

For details about the following items, see page 38 "[Finishing: Finisher]".

No.	Item	Description
0401	[Adjust Punch Position Across Feed Direction]	Adjust the vertical position of the punch holes when using Finisher SR4090 or Finisher SR4100.
0402	[Adjust Punch Position With Feed Direction]	Adjust the horizontal position of the punch holes when using Finisher SR4090 or Finisher SR4100.

No.	Item	Description
0403	[Adjust Staple Position]	Adjust the vertical position of the staples when using Finisher SR4090 or Finisher SR4100.
0404	[Adjust Staple Position for Booklet]	Adjust the horizontal position of the booklet staples when using Finisher SR4100.
0405	[Adjust Folding Position for Booklet]	Adjust the horizontal folding position when using Finisher SR4100.
0406	[Adjust Folding Speed for Booklet]	Adjust the speed of center folding by the SR4100 finisher. By reducing the folding speed, you can make folds crisper.
0407	[Correct Punch Skew]	Adjust skew correction for punching in order to reduce punch skew due to difference in size, thickness, and paper curl when using Finisher SR4090 or Finisher SR4100.
0408	[Punch Skew Correction]	Disable punch skew correction function if jams or edgefolding problems occur particularly when punching lightweight paper using Finisher SR4090 or Finisher SR4100.
0409	[Paper Alignment in Shift Tray Across Feed Direction]	Adjust the width of the paper alignment jogger in the shift tray in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR4090 or Finisher SR4100.
0410	[Paper Alignment for Stapling Across Feed Direction]	Adjust the width of the staple jogger for edge stapling in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR4090 or Finisher SR4100.
0411	[Paper Alignment for Booklet Across Feed Dir.]	Adjust the width of the staple jogger for booklets in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR4100.
0412	[Adjust Paper Tapping for Extra Feed for Stapling]	Adjust the paper tapping for extra paper feed to the paper guide for stapling. Adjust this setting if the paper delivered to the paper guide for stapling overshoots or stops short of the guide.

No.	Item	Description
0413	[Adjust Claw Shift for Center Folding]	Adjust the paper alignment in the paper feed direction for center folding. Adjust this setting if the paper alignment in the paper feed direction is inaccurate because of inconsistent paper size and paper curling when using certain types of paper.
0501	[Adjust Staple Position]	Adjust the vertical position of the staples when using Finisher SR4110.
0502	[Adjust Punch Position With Feed Direction]	Adjust the horizontal position of the punch holes when using Finisher SR4110.
0503	[Paper Alignment for Stapling Across Feed Direction]	Adjust the width of the staple jogger for edge stapling in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher 4110.
0504	[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 SR4110.
0505	[Paper Alignment in Shift Tray Across Feed Direction]	Adjust the width of the paper alignment jogger in the shift tray in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR4110.

[Finishing: Fold]

For details about the following items, see page 55 "[Finishing: Fold]".

No.	Item	Description
0601	[Half Fold Position (Multi-sheet Fold)]	Adjust the fold position of half folded sheets when using the multi-folding unit.
0602	[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.
0603	[Letter Fold-out Position 2 (Multi-sheet Fold)]	Adjust the overall fold size of letters fold-out sheets when using the multi-folding unit.

No.	Item	Description
0604	[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.
0605	[Letter Fold-in Position 2 (Multi-sheet Fold)]	Adjust the fold position of letters fold-in sheets when using the multi-folding unit.
0606	[Folding Unit Tray Full Detection]	Specify whether or not to automatically detect when the folding unit tray becomes full.
0607	[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.

Setting Values

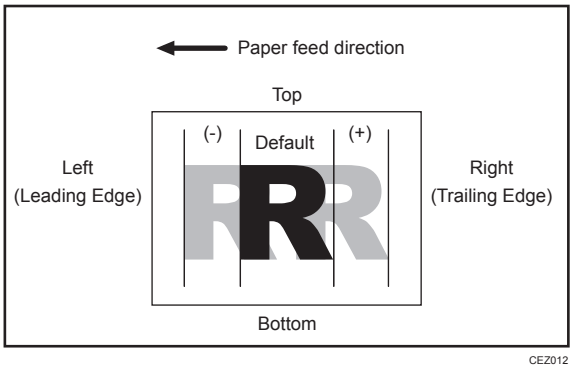
[Machine: Image Position]

0101: [Adjust Image Position With Feed Direction]

Adjust the horizontal position of the print image.

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

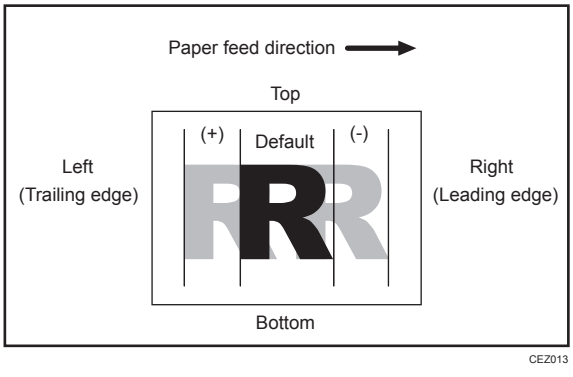
Side 1



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

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

Side 2



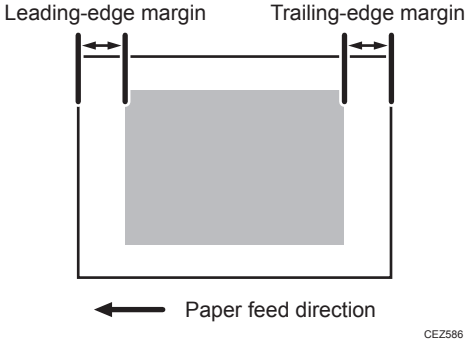
Press [+] to shift the image to the left (trailing edge).

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

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray]	0.0	3.0	-3.0	0.1	mm
[Bypass Tray]					
[2 Sided]					
[Paper Weight 1]					
[Paper Weight 2]					
[Paper Weight 3]					
[Paper Weight 4]					
[Paper Weight 5]					
[Paper Weight 6]					
[Paper Weight 7]					
[Paper Weight 8]					

Note

- If sheets are delivered face down, turn them over horizontally and check the image position.
- 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.

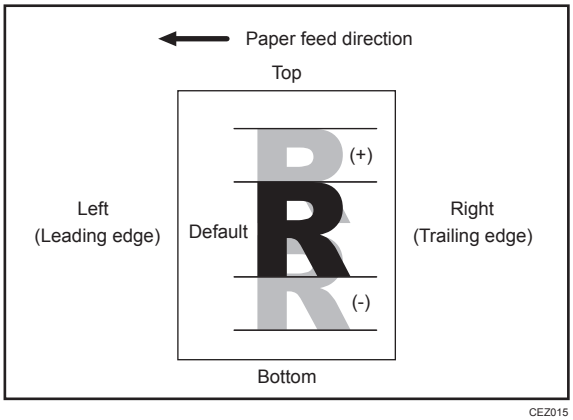


- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in [Adj Image Position of Side1 With Feed], [Adj Image Position of Side2 With Feed] in [Advanced Settings] takes precedence.

0102: [Adjust Image Position Across Feed Direction]

Adjust the vertical position of the print image.

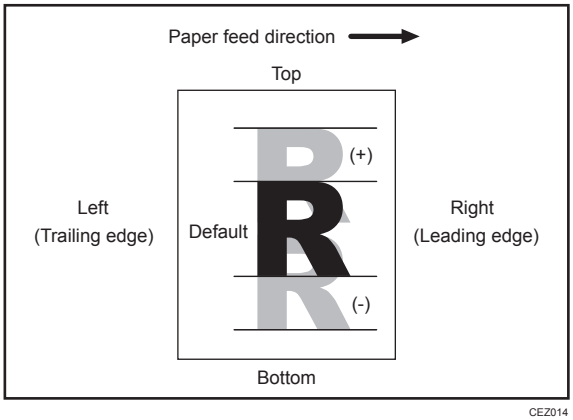
Side 1



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

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

Side 2



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

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

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray 1]	0.0	3.0	-3.0	0.1	mm
[Tray 2]					
[Tray 3]					
[Tray 4]					
[Bypass Tray]					
[2 Sided]					
[LCT]					
[Paper Weight 1]					
[Paper Weight 2]					
[Paper Weight 3]					
[Paper Weight 4]					
[Paper Weight 5]					
[Paper Weight 6]					
[Paper Weight 7]					
[Paper Weight 8]					

Note

- If sheets are delivered face down, turn them over horizontally and check the image position.
- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in [Adj Image Position of Side1 Across Feed], [Adj Image Position of Side2 Across Feed] in [Advanced Settings] takes precedence.

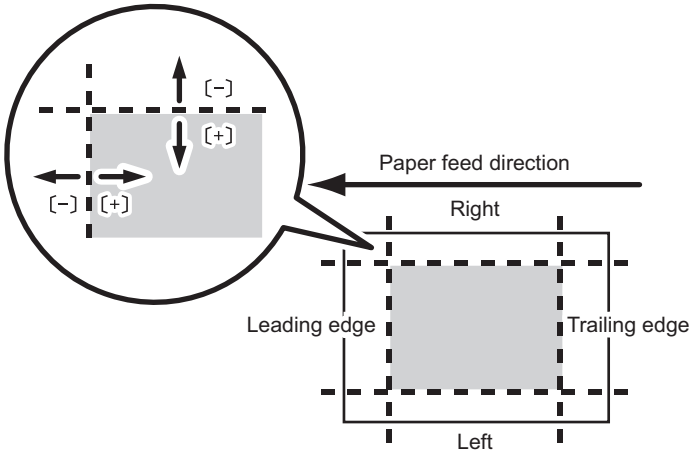
0107: [Adjust Erase Margin With Feed Direction]

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

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

If misfeeding of paper occurs when using loose paper such as thin or coated paper, increase the mask width. This will increase the unprinted area at the leading edge, trailing edge, left edge, or right edge of the paper and facilitate paper separation from the fusing belt.

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



CWH205

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Adjust Erase Margin of Leading Edge]	0.0	6.0	-3.0	0.1	mm
[Adjust Erase Margin of Trailing Edge]	0.0	6.0	-9.0	0.1	mm
[Adjust Erase Margin of Left Edge]	0.0	6.0	-9.0	0.1	mm
[Adjust Erase Margin of Right Edge]	0.0	6.0	-9.0	0.1	mm

Note

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

[Machine: Image Quality]

0201: [Adjust Image Density/ DEMS]

Execute image density control manually.

DEMS can reduce the variations in thickness that occur in the intervals between the photoconductor and development sleeve operations.

The machine adjusts the image density. This operation takes about 30 seconds during which a message appears on the control panel. Do not pull out the drawer while the message is being displayed.

If the density does not change after applying this function several times, contact your sales or service representative.

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

Note

- The machine executes automatic image density adjustment after a set interval or after printing a specified number of sheets. However, you can also manually initiate automatic image density adjustment whenever you want.

0202: [Image Density Adjustment Execute Interval]

Specify the number of sheets the machine prints in full color before it automatically adjusts image density.

After printing the specified number of sheets, the machine automatically adjusts image density.

If you set this to "0", image density adjustment will not be executed automatically.

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

Note

- If you need to adjust the image density manually for machine maintenance, execute [Adjust Image Density/DEMS].

0203: [Adjust Maximum Image Density]

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

If color reproduction is affected by the toner's color intensity difference, adjust the toner adhesion.

After specifying this setting, execute [Adjust Image Density/DEMS].

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

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

Note

- Increasing the toner adhesion might reduce fusibility, causing toner splatter or distorted text and thin lines.

0204: [Adjust Line Width]

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

If you increase the laser intensity, the line width is increased. By adjusting the laser intensity, you can adjust the line width.

After specifying this setting, execute [Adjust Image Density/DEMS].

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

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

Note

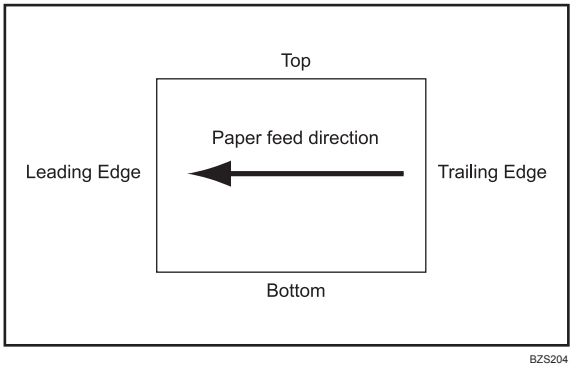
- Adjusting this setting may cause distorted text and blurred lines. Check the printed images while making the adjustment.

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).



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

Note

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

0207: [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", you can specify the fusing temperature in standby mode*.

In "Temperature Before Performing a Process", you can specify the fusing temperature applied when the machine is accessed from the control panel or when the machine is receiving print jobs.

Press [+] or [−] to adjust the temperature.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Temperature on Standby Mode]	165	200	0	1	degree(s)
[Temperature Before Performing a Process]	165	180	120	1	degree(s)

* In standby mode, unlike energy saver mode, the machine is ready for immediate operation.

Note

- Depending on the machine's other settings, changing this setting might increase the waiting time before a process is performed.

0208: [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.

When the machine prints a job which involves full color printing followed by black-and-white printing, you can specify whether to perform the black-and-white printing in full color mode, or whether to switch to black-and-white mode after printing a specified number of black-and-white sheets in full color mode. Because switching from full color to black-and-white mode 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", the machine stays in full color mode even if it prints a 15-page-job with the first ten pages in color and the rest in black and white.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Switch to B&W Printing]	5	10	1	1	sheet(s)

0209: [Photoconductor Special Mode]

Increase the amount of lubricant applied to the drum unit.

If you continuously print images that consume a lot of toner, white spots may appear because of a lack of lubricant. If this happens, you can prevent the spots by selecting [Special Mode].

In [Special Mode], the replacement cycle of the cleaning unit for the PCU is shorter because of the increased amount of lubricant that is applied.

If you reset the counter after replacing the cleaning unit for the PCU, [Special Mode] is reset to its factory setting.

Setting Items	Values	Default Value
[Special Mode Selection: Black]	[Default] [Special Mode]	[Default]
[Special Mode Selection: Cyan]		
[Special Mode Selection: Magenta]		
[Special Mode Selection: Yellow]		

0210: [Fusing Belt Smoothing]

Polish the fusing belt to eliminate the scratches caused by paper edges.

Setting Items	Values
[Smooth Fusing Belt]	Press [OK].

0211: [Fusing Ability by Paper Feed Speed]

Specify appropriately to improve transferability to thick paper.

Setting Items	Values	Default Value
[Paper Feed Speed Mode]	[Standard] [Thick Paper Priority]	[Standard]

[Machine: Paper Feed/ Output]

0103: [Adjust Registration Paper Buckle]

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.

This setting is only effective for paper of Paper Weight 1 to 4.

When using paper of Paper Weight 5 to 8, the setting specified in [Adjust Registration Paper Buckle (Thick Paper)] takes precedence.

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

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray 1-4]	0	5	-5	1	mm
[Bypass Tray]					
[2 Sided]					
[LCT]					

0104: [Adjust Registration Paper Buckle (Thick Paper)]

Adjust the degree of paper arching at the registration gate when using paper of Paper Weight 5 to 8.

By adjusting the degree of paper arching for relatively stiff thick paper, you can prevent image misalignment and paper skew.

For paper of Paper Weight 1 to 4, specify [Adjust Registration Paper Buckle].

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

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Paper Weight 5]	0	5	-5	1	mm
[Paper Weight 6]					
[Paper Weight 7]					
[Paper Weight 8]					

0106: [Criteria for Paper Weight]

Specify the criteria for identifying the paper weight.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray: Paper Weight 2]	70	999	0	1	µm
[Tray: Paper Weight 3]	90	999	0	1	µm

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray: Paper Weight 4]	110	999	0	1	µm
[Tray: Paper Weight 5]	130	999	0	1	µm
[Tray: Paper Weight 6]	150	999	0	1	µm
[Tray: Paper Weight 7]	170	999	0	1	µm
[Tray: Paper Weight 8]	190	999	0	1	µm
[Bypass Tray: Paper Weight 2]	70	999	0	1	µm
[Bypass Tray: Paper Weight 3]	90	999	0	1	µm
[Bypass Tray: Paper Weight 4]	110	999	0	1	µm
[Bypass Tray: Paper Weight 5]	130	999	0	1	µm
[Bypass Tray: Paper Weight 6]	150	999	0	1	µm
[Bypass Tray: Paper Weight 7]	170	999	0	1	µm
[Bypass Tray: Paper Weight 8]	190	999	0	1	µm

0140: [Buffer Pass Unit Fan Activation Setting]

Select when the buffer pass unit fan is to operate.

The occurrence of blocking (toner particles on stacked printed copies sticking together and detaching because of heat and pressure) depends on the type of paper and the temperature. You can activate the fan, for example, when using a type of paper likely to cause blocking, such as coated paper, or stop the fan to reduce the machine's operating noise when using the machine under conditions unlikely to cause blocking.

Setting Items	Values	Default Value
[Buffer Pass Unit Fan Activation Setting]	[All Paper Weights] [Weight 3 & Above] [Weight 4 & Above] [Weight 5 & Above] [Weight 6 & Above] [Off]	[Weight 4 & Above]

[Machine: Maintenance]

0301: [Execute Cleaning Initial Setting]

Initialize the cleaning unit for the PCU.

Perform this after replacing the drum unit or cleaning unit for the PCU. For details about replacing units, see the 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 Items	Values
[All Colors]	Press [OK].
[Cyan, Magenta, Yellow]	
[Black]	
[Cyan]	
[Magenta]	
[Yellow]	

Note

- Perform this only once every time you replace a unit. Do not perform it repeatedly.

0302: [Execute Process Initial Setting]

Initialize print settings at once.

Perform this after replacing the drum unit, cleaning unit for the PCU, charge roller unit, transfer unit, or cleaning unit for intermediate transfer belt. For details about replacing units, see the 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 Items	Values
[All Colors]	Press [OK].

0303: [ITB Manual Lubrication]

Lubricate the intermediate transfer belt.

Lubrication makes the surface of the intermediate transfer belt smoother, which extends the life of the cleaning unit for the intermediate transfer belt.

This operation takes about five minutes during which a message appears on the control panel.

After you have replaced the cleaning unit for the intermediate transfer belt, lubricate it. For details about lubricating the unit, see Replacement Guide.

Setting Items	Values
[Execute ITB Manual Lubrication]	Press [OK].

0304: [Tighten Fusing 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 the Replacement Guide.

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

Setting Items	Values
[Tighten Fusing Cleaning Unit]	Press [OK].

0305: [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 the Replacement Guide.

0306: [Replaceable Parts Counter]

Display the counters for replaceable units.

0307: [Target Value for Replaceable Part]

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.

0701: [Temperature / Humidity inside the Machine]

Display the internal temperature and humidity.

If your service representative requests it, report this information.

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

0702: [Temperature / Humidity outside the Machine]

Display the external temperature and humidity.

If your service representative requests it, report this information.

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

[Preprocessing: LCT]

0108: [Adjust Wide LCT Fan Level]

Adjust the airflow of the wide LCT for fanning the sheets.

The wide LCT (Trays 3 to 5) fans sheets by blowing air between the sheets before feeding them.

By increasing the airflow, you can reduce multiple feeding and paper jams when printing on coated or thick paper.

Press [+] to increase the airflow, or [−] to decrease.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray 3]	70	100	10	10	%

Note

- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in [Adjust Wide LCT Fan Level] in [Advanced Settings] takes precedence.

0109: [Adjust Wide LCT Fan Timer]

Adjust the duration of the airflow of the wide LCT for fanning the sheets.

The wide LCT (Trays 3 to 5) fans sheets by blowing air between the sheets before feeding them.

By increasing the duration of the airflow, you can reduce multiple feeding and paper jams when printing on coated or thick paper.

Press [+] to increase the duration of the airflow or [−] to decrease it.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[Tray 3]	3	10	1	1	second(s)

Note

- Increasing the duration of the airflow may reduce throughput.

0110: [Pickup Assist Setting]

Specify the paper feed roller movement.

If the paper feed roller fails to pick up slippery paper such as coated paper, and misfeeding of paper occurs, set this to [On].

Setting Items	Values	Default Value
[Tray 3]	[Auto Select] [On] [Off]	[Auto Select]

Note

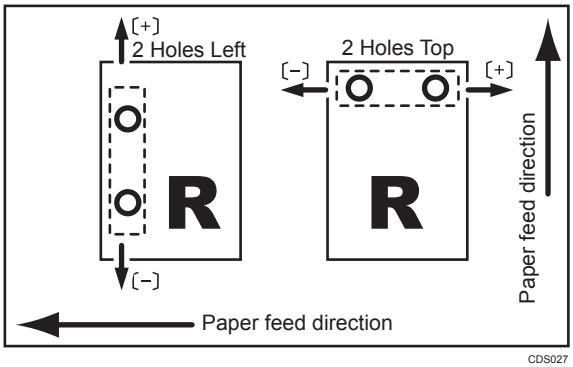
- This setting is not effective for paper fed from paper trays with custom paper presets. For such paper, the value specified in [Pickup Assist Setting] in [Advanced Settings] takes precedence.

[Finishing: Finisher]

0401: [Adjust Punch Position Across Feed Direction]

Adjust the vertical position of the punch holes when using Finisher SR4090 or Finisher SR4100.

Press [+] to move the position forward (up), or [−] to move it backward (down).

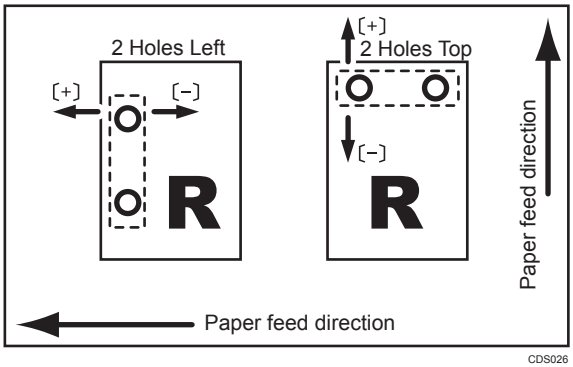


Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[2 Holes Type JP / EU]	0.0	2.0	-2.0	0.5	mm
[3 Holes Type US]					
[4 Holes Type EU]					
[4 Holes Type NE]					
[2 Holes Type US]					

0402: [Adjust Punch Position With Feed Direction]

Adjust the horizontal position of the punch holes when using Finisher SR4090 or Finisher SR4100.

Press [+] to move the position toward the top edge (left) relative to the paper feed direction, or [−] to move it toward the bottom edge (right).

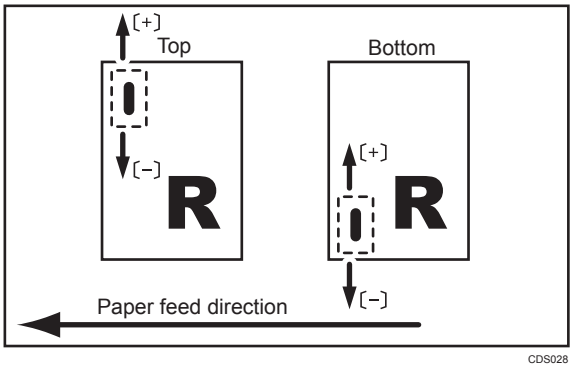


Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[2 Holes Type JP / EU]	0.0	2.0	-2.0	0.4	mm
[3 Holes Type US]					
[4 Holes Type EU]					
[4 Holes Type NE]					
[2 Holes Type US]					

0403: [Adjust Staple Position]

Adjust the vertical position of the staples when using Finisher SR4090 or Finisher SR4100.

Press [+] to move the position forward (up), or [−] to move it backward (down).



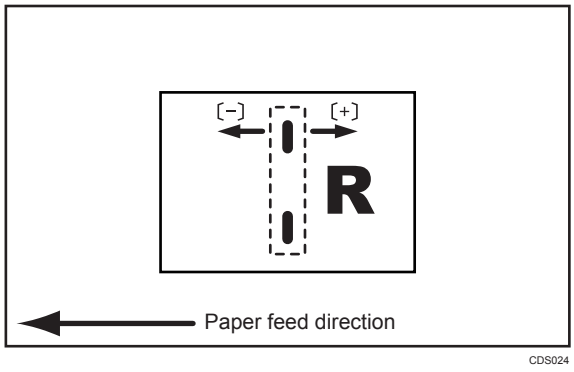
CDS028

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3⬓]	0.0	1.0	-1.0	0.5	mm
[B4 JIS⬓]					
[A4⬒]					
[A4⬓]					
[B5 JIS⬒]					
[B5 JIS⬓]					
[11 × 17⬓]					
[8 1/2 × 14⬓]					
[8 1/2 × 11⬒]					
[8 1/2 × 11⬓]					
[8K⬓]					
[16K⬒]					
[16K⬓]					
[Other Paper Sizes]					

0404: [Adjust Staple Position for Booklet]

Adjust the horizontal position of the booklet staples when using Finisher SR4100.

Press [+] to move the position to the right (across horizontally-spreading pages), or press [−] to move it to the left.



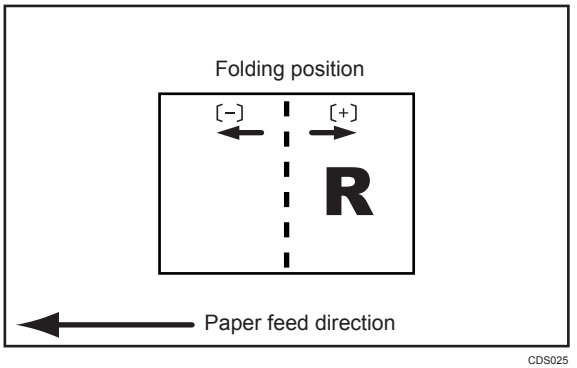
CDS024

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0.0	3.0	-3.0	0.2	mm
[B4 JIS□]		3.0	-3.0		
[A4□]		3.0	-3.0		
[B5 JIS□]		3.0	-3.0		
[12 × 18□]		1.8	-1.8		
[11 × 17□]		3.0	-3.0		
[8 1/2 × 14□]		3.0	-3.0		
[8 1/2 × 11□]		3.0	-3.0		
[8K□]		3.0	-3.0		
[Other Paper Sizes]		1.8	-1.8		

0405: [Adjust Folding Position for Booklet]

Adjust the horizontal position of the folding when using Finisher SR4100.

Press [+] to move the position to the right (across horizontally-spreading pages), or press [−] to move it to the left.



CDS025

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0.0	3.0	-3.0	0.2	mm
[B4 JIS□]					
[A4□]					
[B5 JIS□]					
[12 × 18□]					
[11 × 17□]					
[8 1/2 × 14□]					
[8 1/2 × 11□]					
[8K□]					
[Other Paper Sizes]					

0406: [Adjust Folding Speed for Booklet]

Adjust the speed of center folding by Finisher SR4100. By reducing the folding speed, you can make folds crisper.

Setting Items	Values	Default Value
[A3⧉]	[High] [Middle] [Low]	[High]
[B4 JIS⧉]		
[A4⧉]		
[B5 JIS⧉]		
[12 × 18⧉]		
[11 × 17⧉]		
[$8^1/_2$ × 14⧉]		
[$8^1/_2$ × 11⧉]		
[8K⧉]		
[Other Paper Sizes]		

0407: [Correct Punch Skew]

Adjust the amount of skew correction for punching in order to reduce punch skew due to difference in size, thickness, and curl of paper, when using Finisher SR4090 or Finisher SR4100.

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
[A3⬓]	0.0	1.0	-1.0	0.2	mm
[B4 JIS⬓]					
[A4▯]					
[A4⬓]					
[B5 JIS▯]					
[B5 JIS⬓]					
[A5▯]					
[12 × 18⬓]					
[11 × 17⬓]					
[$8^1/_2$ × 14⬓]					
[$8^1/_2$ × 11▯]					
[$8^1/_2$ × 11⬓]					
[$5^1/_2$ × $8^1/_2$▯]					
[8K⬓]					
[16K▯]					
[16K⬓]					
[Other Paper Sizes]					

0408: [Punch Skew Correction]

Disable punch skew correction if jams or edge-folding problems occur particularly when punching lightweight paper using Finisher SR5030 or Booklet Finisher SR5040.

Setting Items	Values	Default Value
[A3□]	[On] [Off]	[On]
[B4 JIS□]		
[A4▯]		
[A4□]		
[B5 JIS▯]		
[B5 JIS□]		
[A5▯]		
[12 × 18□]		
[11 × 17□]		
[8 1/2 × 14□]		
[8 1/2 × 11▯]		
[8 1/2 × 11□]		
[5 1/2 × 8 1/2▯]		
[8K□]		
[16K▯]		
[16K□]		
[Other Paper Sizes]		

0409: [Paper Alignment in Shift Tray Across Feed Direction]

Adjust the width of the paper alignment jogger in the shift tray in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR4090 or Finisher SR4100.

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	0.5	mm
[B4 JIS⬓]					
[A4⬒]					
[A4⬓]					
[B5 JIS⬒]					
[A5⬒]					
[11 × 17⬓]					
[8 1/2 × 14⬓]					
[8 1/2 × 11⬒]					
[8 1/2 × 11⬓]					
[5 1/2 × 8 1/2⬒]					
[8K⬓]					
[16K⬒]					
[Other Paper Sizes]					

0410: [Paper Alignment for Stapling Across Feed Direction]

Adjust the width of the staple jogger for edge stapling in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR4090 or Finisher SR4100.

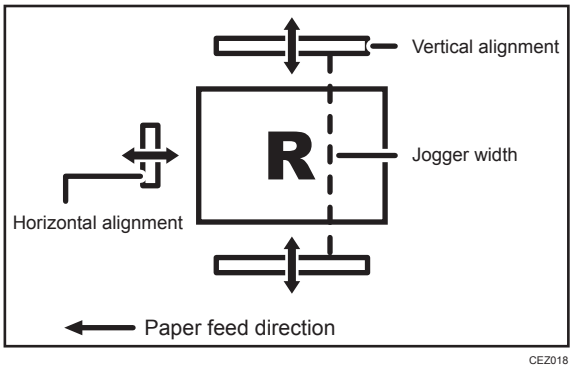
Press [+] to make the width of the staple jogger wider, or [−] to make narrower.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3⬓]	0.0	1.0	-1.0	0.5	mm
[B4 JIS⬓]					
[A4⬒]					
[A4⬓]					
[B5 JIS⬒]					
[B5 JIS⬓]					
[11 × 17⬓]					
[8 1/2 × 14⬓]					
[8 1/2 × 11⬒]					
[8 1/2 × 11⬓]					
[8K⬓]					
[16K⬒]					
[16K⬓]					
[Other Paper Sizes]					

0411: [Paper Alignment for Booklet Across Feed Dir.]

Adjust the width of the staple jogger for booklets in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR4100.

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	0.5	mm
[B4 JIS]					
[A4]					
[B5 JIS]					
[12 × 18]					
[11 × 17]					
[8 1/2 × 14]					
[8 1/2 × 11]					
[8K]					
[Other Paper Sizes]					

0412: [Adjust Paper Tapping for Extra Feed for Stapling]

Adjust the paper tapping for extra paper feed to the paper guide for stapling.

Adjust this setting if the paper delivered to the paper guide for stapling overshoots or stops short of the guide.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3⬓]	0	20	0	10	mm
[B4 JIS⬓]					
[A4▯]					
[A4⬓]					
[B5 JIS▯]					
[B5 JIS⬓]					
[11 × 17⬓]					
[8 1/2 × 14⬓]					
[8 1/2 × 11▯]					
[8 1/2 × 11⬓]					
[8K⬓]					
[16K▯]					
[16K⬓]					
[Other Paper Sizes]					

0413: [Adjust Claw Shift for Center Folding]

Adjust the paper alignment in the paper feed direction for center folding.

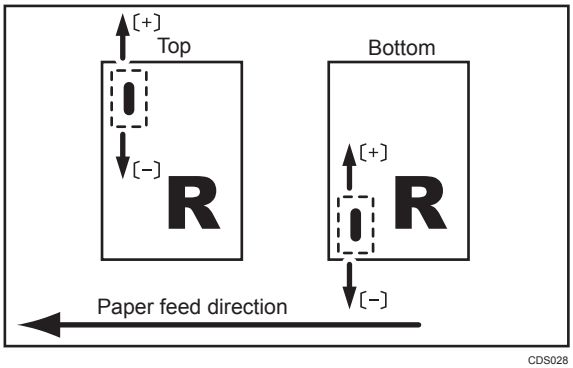
Adjust this setting if the paper alignment in the paper feed direction is inaccurate because of inconsistent paper size and paper curling when using certain types of paper.

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3□]	0	2	-2	1	mm
[B4 JIS□]					
[A4□]					
[B5 JIS□]					
[12 × 18□]					
[11 × 17□]					
[8 1/2 × 14□]					
[8 1/2 × 11□]					
[8K□]					
[Other Paper Sizes]					

0501: [Adjust Staple Position]

Adjust the vertical position of the staples when using Finisher SR4110.

Press [+] to move the position forward (up), or [−] to move it backward (down).



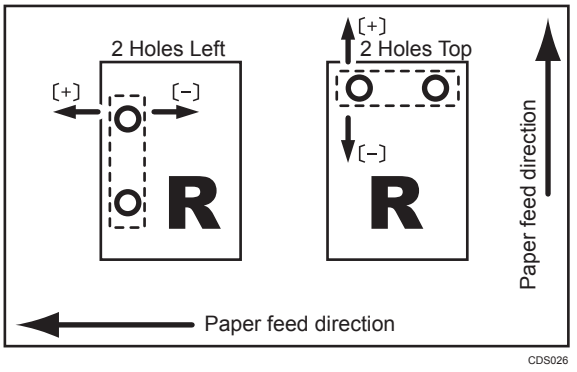
CDS028

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A3⧉]	0.0	1.0	-1.0	0.5	mm
[B4 JIS⧉]					
[A4⧉]					
[A4⧉]					
[B5 JIS⧉]					
[B5 JIS⧉]					
[11 × 17⧉]					
[8 1/2 × 14⧉]					
[8 1/2 × 11⧉]					
[8 1/2 × 11⧉]					
[Other Paper Sizes]					

0502: [Adjust Punch Position With Feed Direction]

Adjust the horizontal position of the punch holes when using Finisher SR4110.

Press [+] to move the position toward the top edge (left) relative to the paper feed direction, or [−] to move it toward the bottom edge (right).



Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[2 Holes Type JP / EU]	0.0	3.5	-3.5	0.5	mm
[3 Holes Type US]					
[4 Holes Type EU]					
[4 Holes Type NE]					
[2 Holes Type US]					
[1 Holes Type JP]					

0503: [Paper Alignment for Stapling Across Feed Direction]

Adjust the width of the staple jogger for edge stapling in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR4110.

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	-1.0	0.5	mm
[B4 JIS⬓]					
[A4▯]					
[A4⬓]					
[B5 JIS▯]					
[B5 JIS⬓]					
[11 × 17⬓]					
[8 1/2 × 14⬓]					
[8 1/2 × 11▯]					
[8 1/2 × 11⬓]					
[Other Paper Sizes]					

0504: [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 SR4110.

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

Setting Items	Default Value	Max. Value	Min. Value	Step	Unit
[A4]	0.0	5.0	-2.5	0.1	mm
[B5 JIS]	0.0	1.0	-2.5	0.1	mm
[$8^1/_2 \times 11$]	0.0	5.0	-2.5	0.1	mm
[Other Paper Sizes]	0.0	5.0	-2.5	0.1	mm

0505: [Paper Alignment in Shift Tray Across Feed Direction]

Adjust the width of the paper alignment jogger in the shift tray in order to reduce vertical variation in paper alignment due to difference in size, thickness, and paper curl when using Finisher SR4110.

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	1.5	-1.5	0.1	mm
[B4 JIS⬓]					
[A4▯]					
[A4⬓]					
[B5 JIS▯]					
[B5 JIS⬓]					
[A5▯]					
[A5⬓]					
[11 × 17⬓]					
[$8^1/_2$ × 14⬓]					
[$8^1/_2$ × 11▯]					
[$8^1/_2$ × 11⬓]					
[$5^1/_2$ × $8^1/_2$▯]					
[$5^1/_2$ × $8^1/_2$⬓]					
[Other Paper Sizes]					

[Finishing: Fold]

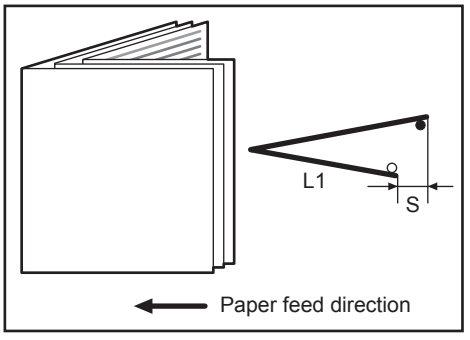
0601: [Half Fold Position (Multi-sheet Fold)]

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]					
[13 × 19]					
[12 × 18]					
[11 × 17]					
[8 1/2 × 14]					
[8 1/2 × 11]					
[8K]					
[Other Paper Sizes]					

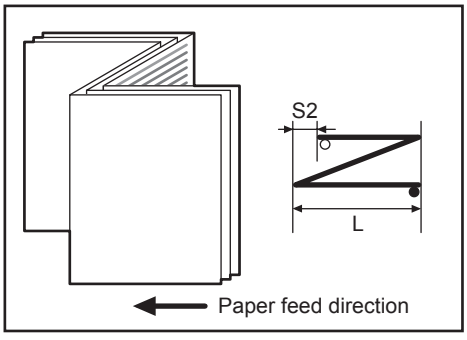
0602: [Letter Fold-out Position 1 (Multi-sheet Fold)]

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▭]	0.0	3.0	-3.0	0.2	mm
[8 1/2 × 14▭]	0.0	4.0	-4.0	0.2	mm
[8 1/2 × 11▭]					
[Other Paper Sizes]					

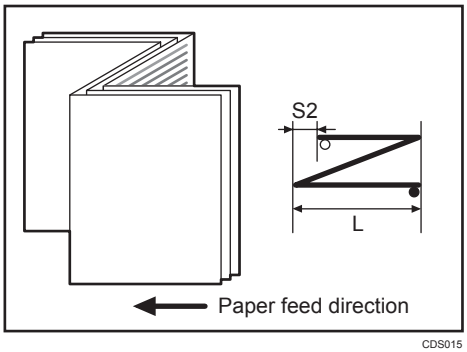
0603: [Letter Fold-out Position 2 (Multi-sheet Fold)]

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▭]	0.0	3.0	-3.0	0.2	mm
[8 1/2 × 14▭]	0.0	4.0	-4.0	0.2	mm
[8 1/2 × 11▭]					
[Other Paper Sizes]					

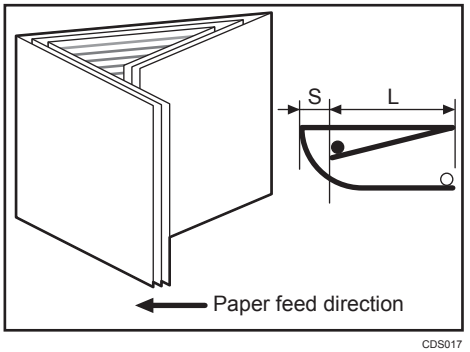
0604: [Letter Fold-in Position 1 (Multi-sheet Fold)]

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 1/2 × 14□]					
[8 1/2 × 11□]					
[8K□]					
[Other Paper Sizes]					

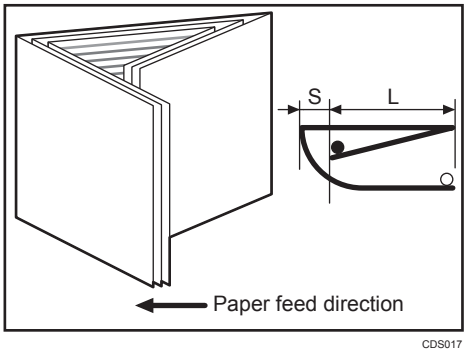
0605: [Letter Fold-in Position 2 (Multi-sheet Fold)]

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.



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 1/2 × 14□]					
[8 1/2 × 11□]	0.0	4.0	0.0*1	0.2	mm
[8K□]	0.0	4.0	-4.0	0.2	mm
[Other Paper Sizes]					

*1 If the machine in use allows -0.1 mm or less to be selected, this will be interpreted as 0.0 mm.

0606: [Folding Unit Tray Full Detection]

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

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

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

0607: [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 [Folding Unit Tray Full Detection] is set to [On].

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

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.

3. Custom Paper Settings for Administrators

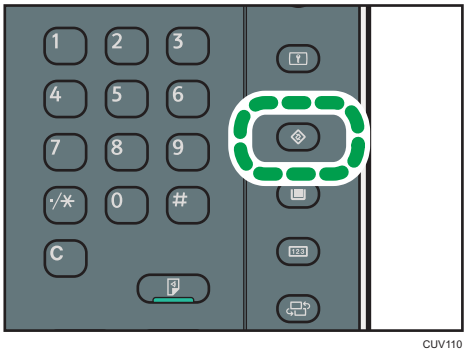
Accessing Advanced Settings

Access Using the Control Panel

Only the machine administrator can adjust the custom paper profiles registered in [Advanced Settings].

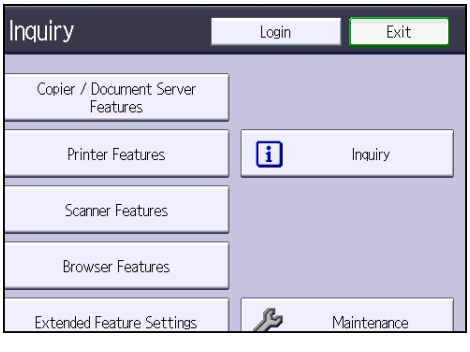
To directly access the advanced settings for custom paper adjustment, you must first configure your machine's Administrator Authentication Management setting. (See page 7 "Displaying the [Adjustment Settings for Skilled Operators] Button".)

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

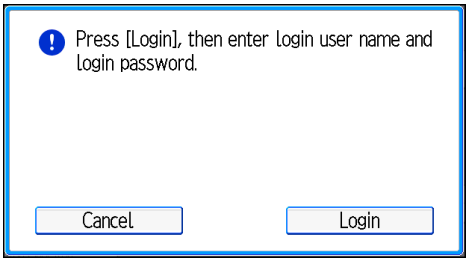


CUV110

2. **Press [Login].**



3. **Press [Login].**

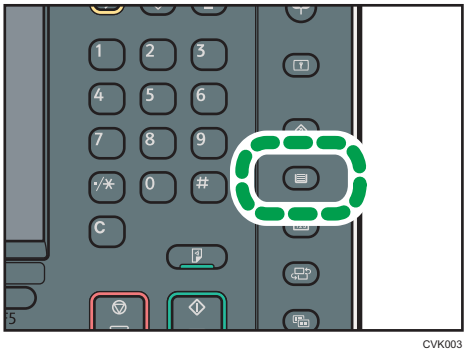


4. **Enter your login user name, and then press [OK].**

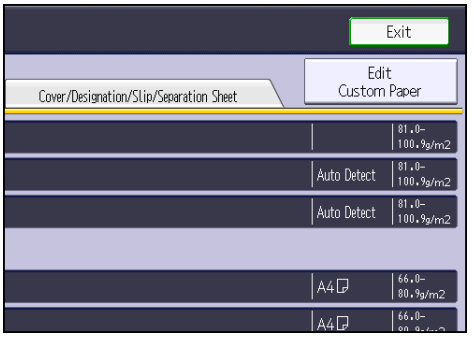
   If you are logging in as the administrator for the first time, enter "admin".

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

6. **Press the [Paper Setting] key.**



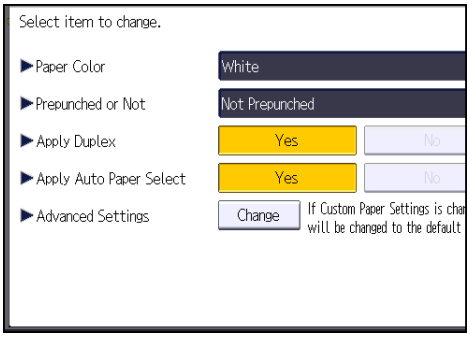
7. **Press [Edit Custom Paper].**



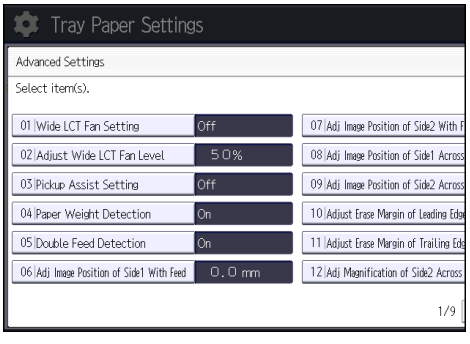
8. **Select the program number of the custom paper profile you wish to adjust.**

9. **Press [▼].**

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



The advanced settings for custom paper adjustment appear.



Access Using Web Image Monitor

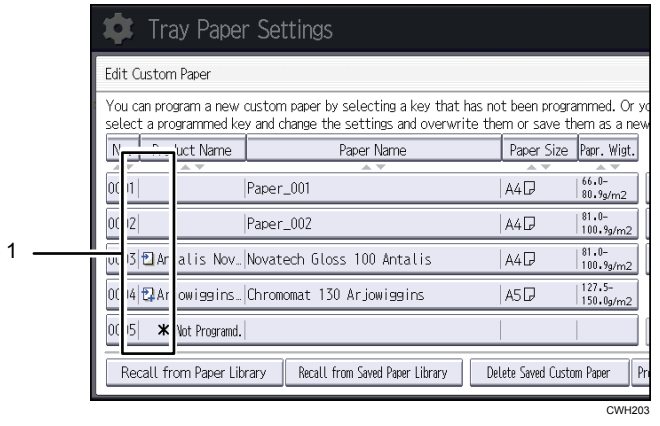
1. **Log in as the network administrator from Web Image Monitor.**
2. **Point to [Device Management], and then click [Configuration].**
3. **Click [Custom Paper] under "Device Settings".**
4. **Check the radio button next to the number of the custom paper profile you wish to adjust, and then click [Program/Change].**

   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**

	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

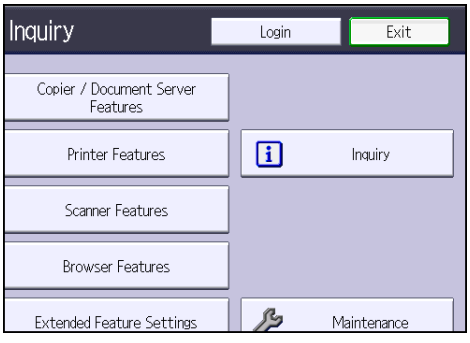
- If you specify a custom paper profile in the "Edit Custom Paper" screen without registering it from the paper library, the paper icon will not appear for that custom paper profile.
- If you change the custom paper profile from the default setting in the advanced settings, and then change the setting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

Deleting Saved Custom Paper Profiles

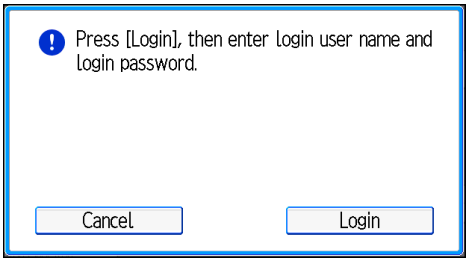
Only the machine administrator can delete the custom paper profile saved in the paper library.

To delete custom paper profiles, you must first specify the machine administrator authentication information.

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



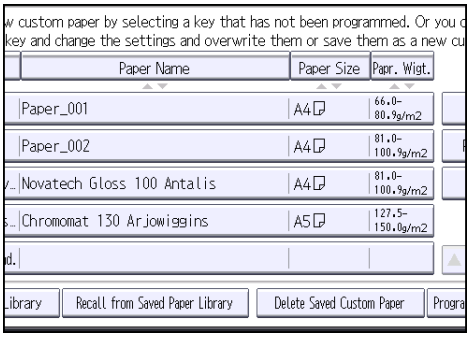
3. **Press [Login].**



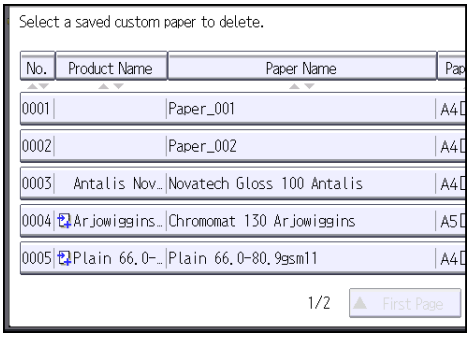
4. **Enter your login user name, and then press [OK].**

   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 Custom Paper].**

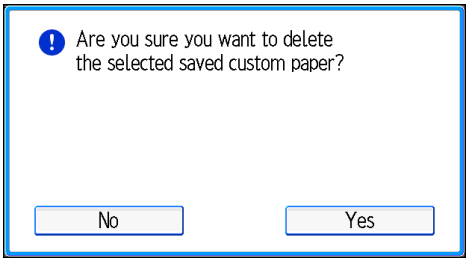
8. **Press [Delete Saved Custom Paper].**



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



10. **Press [Yes].**



The custom paper profile is deleted.

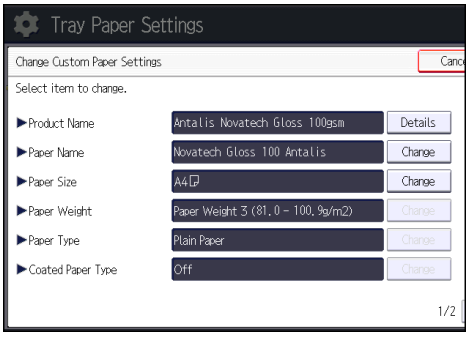
Paper Presets in "Advanced Settings"

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

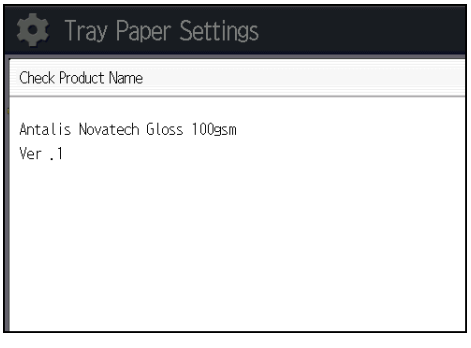
Displaying the Paper Profile Version

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 Custom Paper].**
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".**



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

Paper Feed Adjustment

For details about the following items, see page 80 "Paper Feed Adjustment".

No.	Item	Description
01	[Wide LCT Fan Setting]	Specify the movement of the Wide LCT fan.
02	[Adjust Wide LCT Fan Level]	Adjust the capacity of the Wide LCT fan.
03	[Pickup Assist Setting]	Specify the paper feed roller movement.

Paper Delivery Adjustment

For details about the following items, see page 81 "Paper Delivery Adjustment".

No.	Item	Description
04	[Paper Weight Detection]	Specify whether or not to detect the paper weight.
05	[Double Feed Detect]	Specify whether or not to detect double feeding of paper.

Image Position/Scaling Adjustment

For details about the following items, see page 81 "Image Position/Scaling Adjustment".

No.	Item	Description
06	[Adj Image Position of Side1 With Feed]	Adjust the horizontal position of the image to be printed on Side 1 of the paper.
07	[Adj Image Position of Side2 With Feed]	Adjust the horizontal position of the image to be printed on Side 2 of the paper.
08	[Adj Image Position of Side1 Across Feed]	Adjust the vertical position of the image to be printed on Side 1 of the paper.
09	[Adj Image Position of Side2 Across Feed]	Adjust the vertical position of the image to be printed on Side 2 of the paper.

No.	Item	Description
10	[Adjust Erase Margin of Leading Edge]	Adjust the mask width at the leading edge of the image.
11	[Adjust Erase Margin of Trailing Edge]	Adjust the mask width at the trailing edge of the image.
12	[Adj Magnification of Side2 Across Feed]	Adjust the vertical image scaling on Side 2 of the paper according to the paper expansion or shrinkage.
13	[Adj Magnification of Side2 With Feed]	Adjust the horizontal image scaling on Side 2 of the paper according to the paper expansion or shrinkage.
14	[Trailing Edge Full Bleed]	Specify whether or not to enable the mode to omit the margin at the trailing edge of the paper.

Line Speed Adjustment

For details about the following items, see page 86 "Line Speed Adjustment".

No.	Item	Description
15	[Process Speed Setting]	Adjust the machine's print speed.
16	[Registration Motor Feed Speed Adj]	Adjust the registration motor's speed.
17	[First Transport Motor Feed Speed Adj]	Adjust the first transport motor's speed.
18	[Second Transport Motor Feed Speed Adj]	Adjust the second transport motor's speed.
19	[Third Transport Motor Feed Speed Adj]	Adjust the third transport motor's speed.
20	[Relay Trnsprt Mtr Feed Speed Adj: CW]	Adjust the relay transport motor's rotation speed (clockwise rotation).
21	[Relay Trnsprt Mtr Feed Speed Adj: CCW]	Adjust the relay transport motor's rotation speed (counterclockwise rotation).
22	[Paper Transfer Feed Speed Adjustment]	Adjust the transfer roller's speed.
23	[Fusing Feed Speed Adjustment]	Adjust the fusing roller's speed.

No.	Item	Description
24	[Exit Motor Feed Speed Adjustment]	Adjust the exit motor's speed.
25	[Switchback Entrance Feed Speed Adj]	Adjust the paper feed speed at the switchback entrance.
26	[Switchback Exit Feed Speed Adj: CW]	Adjust the switchback rollers' speed (clockwise rotation).
27	[Switchback Exit Feed Speed Adj: CCW]	Adjust the switchback rollers' speed (counterclockwise rotation).
28	[2 sdd Swtchbk Mtr Feed Spd Adj: CCW]	Adjust the 2-sided switchback motor's speed (counterclockwise rotation).
29	[2 sided Exit Motor Feed Speed Adj]	Adjust the 2-sided exit motor's speed.
30	[2 sided Transport Roller Shift Adj 1]	Adjust the roller's shift amounts produced by Shift System 1in the horizontal duplex paper transfer unit for duplex printing.
31	[2 sided Transport Roller Shift Adj 2]	Adjust the roller's shift amounts produced by Shift System 2 in the horizontal duplex paper transfer unit for duplex printing.
32	[Deactivate 2 sided Trnsprt Roller Shift]	Disable the shift operation performed by the duplex transfer unit.

Toner Adhesion Adjustment

For details about the following items, see page 92 "Toner Adhesion Adjustment".

No.	Item	Description
33	[Adjust Toner Adhesion (Black)]	Adjust the toner adhesion to the intermediate transfer belt for each color.
34	[Adjust Toner Adhesion (Cyan)]	
35	[Adjust Toner Adhesion (Mgenta)]	
36	[Adjust Toner Adhesion (Yellow)]	

Transfer Adjustment

For details about the following items, see page 94 "Transfer Adjustment".

No.	Item	Description
37	[Image Transfer Current: B&W]	Adjust the current applied for image transfer when printing in each color mode (color/black-and-white).
38	[Image Transfer Current: FC: Black]	
39	[Image Transfer Current: FC: Cyan]	
40	[Image Transfer Current: FC: Magenta]	
41	[Image Transfer Current: FC: Yellow]	
42	[Paper Transfer Current: B&W: Side 1]	Adjust the current applied to the paper for paper transfer when printing in each print mode (color/black-and-white, one-side/duplex).
43	[Paper Transfer Current: FC: Side 1]	
44	[Paper Transfer Current: B&W: Side 2]	
45	[Paper Transfer Current: FC: Side 2]	

No.	Item	Description
46	[Paper Transfer Current; Lead Edge: B&W]	Adjust the current applied to the leading edge of the paper for paper transfer when printing in each color mode (black-and-white/color).
47	[Paper Transfer Current; Lead Edge: FC]	
48	[Ppr Transfer Current Lead Edg Dist: BW]	Adjust the area to apply the current for paper transfer at the leading edge of the paper when printing in each color mode (black-and-white/color).
49	[Ppr Transfer Current Lead Edg Dist: FC]	
50	[Paper Transfer Current; Trail Edge: B&W]	Adjust the current applied to the trailing edge of the paper for paper transfer when printing in each color mode (black-and-white/color).
51	[Paper Transfer Current; Trail Edge: FC]	
52	[Ppr Transfer Current Trail Edg Dist: BW]	Adjust the area to apply the current for paper transfer at the trailing edge of the paper when printing in each color mode (black-and-white/color).
53	[Ppr Transfer Current Trail Edg Dist: FC]	
54	[Ppr Trns CV Start Timing: B&W: Side 1]	Adjust the timing to start the constant voltage control for the bias during paper transfer when printing in each print mode (color/black-and-white, one-side/duplex).
55	[Ppr Trns CV Start Timing: B&W: Side 2]	
56	[Ppr Trns CV Start Timing: FC: Side 1]	
57	[Ppr Trns CV Start Timing: FC: Side 2]	

No.	Item	Description
58	[Ppr Trns CV Cntrl Duratn: B&W: Side 1]	Adjust the duration of the constant voltage control for the bias during paper transfer when printing in each print mode (color/black-and-white, one-side/duplex).
59	[Ppr Trns CV Cntrl Duratn: B&W: Side 2]	
60	[Ppr Trns CV Cntrl Duratn: FC: Side 1]	
61	[Ppr Trns CV Cntrl Duratn: FC: Side 2]	
62	[Ppr Trns Contact and Disengage Mode]	Specify whether or not to enable the paper transfer contact/separation mode.
63	[Adjust Contact Timing of Ppr Trns]	Adjust the timing for the intermediate transfer belt and the paper transfer unit to come into contact during paper contact/ separation.
64	[Adjust Disengage Timing of Ppr Trns]	Adjust the timing for the intermediate transfer belt and the paper transfer unit to separate during paper contact/ separation.
65	[Textured Paper Mode]	Specify whether or not to enable Textured Paper mode.
66	[Txt Ppr: Ppr Trns Voltage: B&W: Side 1]	Adjust the voltage applied to the paper for paper transfer when printing in each print mode (color/black-and-white, one-side/duplex) with Textured Paper mode enabled.
67	[Txt Ppr: Ppr Trns Voltage: B&W: Side 2]	
68	[Txt Ppr: Paper Trnsf Voltage: FC: Side 1]	
69	[Txt Ppr: Paper Trnsf Voltage: FC: Side 2]	
70	[Txt Ppr: AC Frquncy of Ppr Trns Voltag]	Adjust the frequency of the AC voltage applied to the paper when Textured Paper mode is enabled.
71	[Txt Ppr: AC Duty Cycl of Ppr Trns Vltg]	Adjust the duty cycle of the AC voltage applied to the paper when Textured Paper mode is enabled.
72	[Txt Ppr: Ppr Trns Isolatn Voltag: Side 1]	Adjust the separation voltage for secondary transfer applied to Side 1 when Textured Paper mode is enabled.

No.	Item	Description
73	[Txt Ppr: Ppr Trns Isolatn Voltag: Side 2]	Adjust the separation voltage for secondary transfer applied to Side 2 when Textured Paper mode is enabled.

Fuser Adjustment

For details about the following items, see page 105 "Fuser Adjustment".

No.	Item	Description
74	[Fusing Heat Roller Temperature Adj]	Adjust the heat roller temperature.
75	[Fusing Pressure Roller Temperature Adj]	Adjust the pressure roller temperature.
76	[Fusing Nip Width Setting]	Adjust the nip width between the fusing belt and pressure roller.
77	[Adjust Fusing Temprtr to Transfer Paper]	Adjust the fusing temperature at which to allow paper feeding after warming up.
78	[Adjust Adding Fusing Temperature 1]	Adjust the fusing unit's accumulated temperature for a specific time after a job starts.
79	[Adjust Adding Fusing Temperature 2]	Adjust the fusing unit's accumulated temperature for a specific time after writing starts.
80	[Paper Feed Interval Setting]	Adjust the interval between the feeding of each sheet.
81	[Reduce Initial CPM: Low Temp. Envrnmt.]	Select one of the three levels of copy/print speed reduction at low temperatures.
82	[Reduce Initl CPM: Norml/High Temp Env]	Select one of the three levels of copy/print speed reduction at normal room temperature and above.
83	[Adjust Cleaning Web Motor Interval]	Specify the interval between each activation of the cleaning web.
84	[Cleaning Web Contact and Disengage]	Specify how the cleaning web comes into contact and separates.
85	[Fusing Nip Width Adj. for Envelope]	Adjust the nip width between the fusing belt and pressure roller when an envelope is being fed.

Decurler Adjustment

For details about the following items, see page 111 "Decurler Adjustment".

No.	Item	Description
86	[Paper Curl Correction Level]	Adjust the degree of paper decurling by the decurler unit.
87	[Adjust Paper Curl Correction Level]	Adjust the contact pressure between the soft roller and metal roller in the decurler unit.

Finishing Position Adjustment

For details about the following items, see page 112 "Finishing Position Adjustment".

No.	Item	Description
88	[Adjust Z-fold Position 1]	Adjust the width of the bottom end segment of Z- folded sheets when using the multi-folding unit.
89	[Adjust Z-fold Position 2]	Adjust the overall fold size of Z-fold sheets when using the multi-folding unit.
90	[Half Fold Position:Single-sheet Fold]	Adjust the fold position of half fold sheets when using the multi-folding unit.
91	[Letter Fold-out Posn 1: Single-sheet Fld]	Adjust the fold position for the bottom segment of letter fold-out sheets when using the multi-folding unit.
92	[Letter Fold-out Posn 2: Single-sheet Fld]	Adjust the overall fold size of letter fold-out sheets when using the multi-folding unit.
93	[Letter Fold-in Posn 1: Single-sheet Fold]	Adjust the fold position of the bottom segment of letter fold-in sheets when using the multi-folding unit.
94	[Letter Fold-in Posn 2: Single-sheet Fold]	Adjust the overall fold size of letter fold-in sheets when using the multi-folding unit.
95	[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.
96	[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.

No.	Item	Description
97	[Adjust Gate Fold Position 1]	Adjust the fold width of the bottom segment 1 of gate folded sheets when using the multi-folding unit.
98	[Adjust Gate Fold Position 2]	Adjust the fold width of the bottom segment 2 of gate folded sheets when using the multi-folding unit.
99	[Adjust Gate Fold Position 3]	Adjust the fold position of the bottom segment 3 of gate folded sheets when using the multi-folding unit.

Setting Values

Paper Feed Adjustment

01: [Wide LCT Fan Setting]

Specify the movement of the Wide LCT fan.

If you set this to [On], air is discharged from the duct in the paper tray. By blowing air between the sheets, sheets stuck to each other can be separated.

Setting Items	Values
[Wide LCT Fan Setting]	[On] [Off]

02: [Adjust Wide LCT Fan Level]

Adjust the capacity of the Wide LCT fan.

If double feeding or misfeeding of paper occurs when this setting is at its default value, increase the fan capacity.

Press [+] to increase the fan capacity and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Wide LCT Fan Level]	100	10	10	%

03: [Pickup Assist Setting]

Specify the paper feed roller movement.

If the paper feed roller fails to pick up paper and misfeeding of paper occurs, set this to [On].

Setting Items	Values
[Pickup Assist Setting]	[On] [Off]

Paper Delivery Adjustment

04: [Paper Weight Detection]

Specify whether or not to detect the paper weight.

If set to [On], a message appears on the control panel when the paper weight sensor detects paper of a weight other than that specified in [Tray Paper Settings].

Thin, heavy paper (such as coated paper) may cause the paper weight to be misdetected. When using such paper, set this to [Off] to prevent misdetection.

Setting Items	Values
[Paper Weight Detection]	[On] [Off]

05: [Double Feed Detect]

Specify whether or not to detect double feeding of paper.

If this is set to [On], the machine stops when it detects paper double feeding, so as to prevent mixing of unprinted paper.

The machine may not correctly detect double feeding when using special paper (two-ply paper such as release paper). In such a case, set this to [Off].

Setting Items	Values
[Double Feed Detection]	[On] [Off]

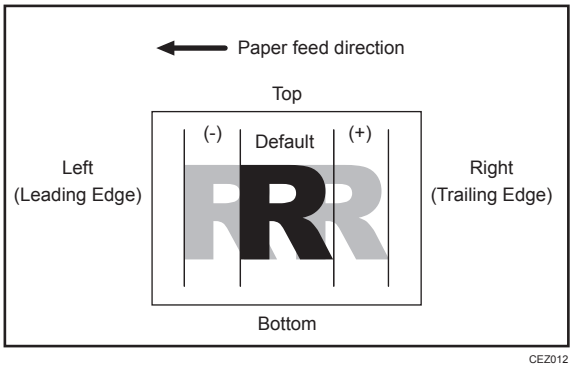
Image Position/Scaling Adjustment

06: [Adj Image Position of Side1 With Feed]

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).



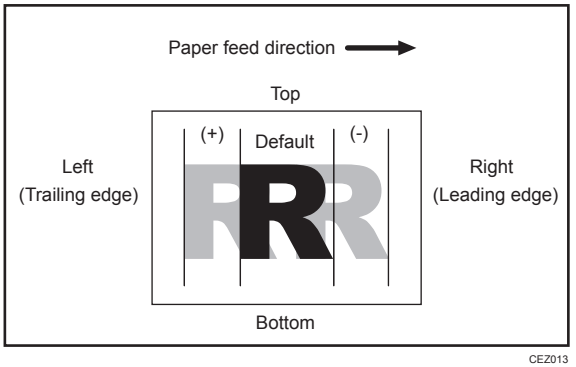
Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Image Position of Side 1 With Feed Dir]	3.0	-3.0	0.1	mm

07: [Adj Image Position of Side2 With Feed]

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

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

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



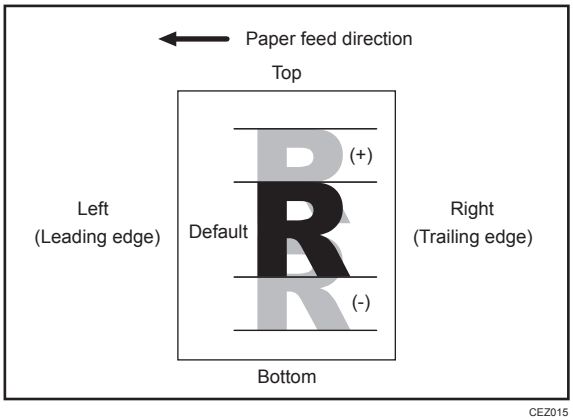
Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Image Position of Side 2 With Feed Dir]	3.0	-3.0	0.1	mm

08: [Adj Image Position of Side1 Across Feed]

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.



CEZ015

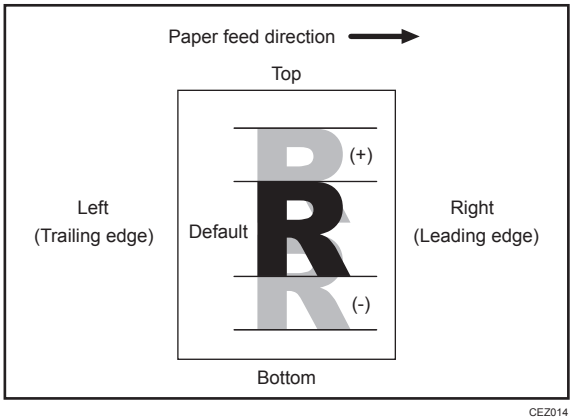
Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Image Position of Side 1 Across Feed Dir]	3.0	-3.0	0.1	mm

09: [Adj Image Position of Side2 Across Feed]

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.



CEZ014

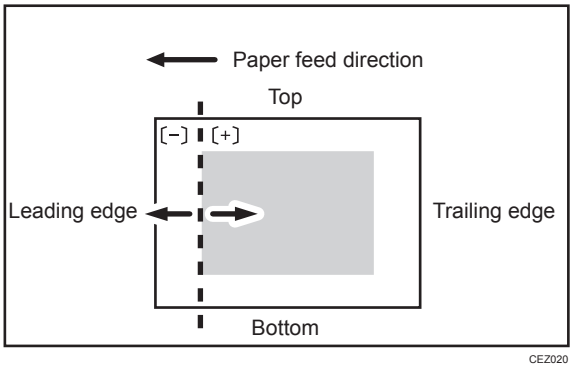
Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Image Position of Side 2 Across Feed Dir]	3.0	-3.0	0.1	mm

10: [Adjust Erase Margin of 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.



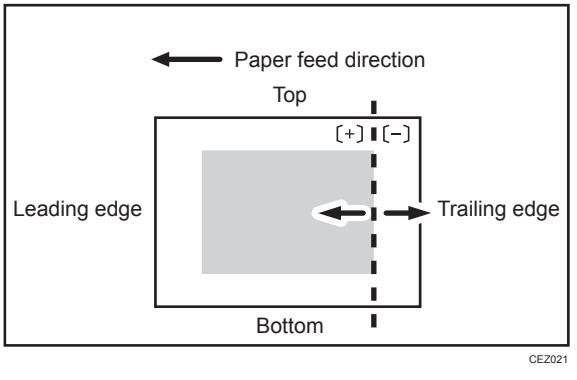
Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Erase Margin of Leading Edge]	6.0	-3.0	0.1	mm

11: [Adjust Erase Margin of 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.



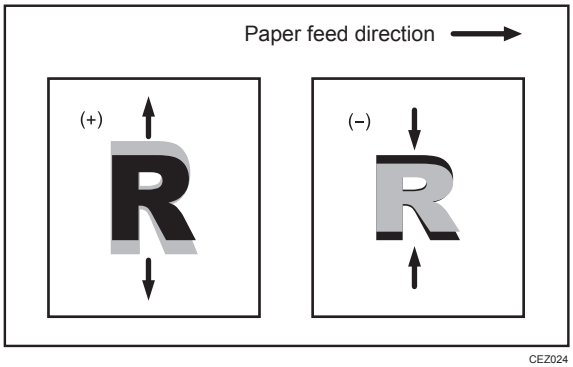
Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Erase Margin of Trailing Edge]	6.0	-3.0	0.1	mm

12: [Adj Magnification of Side2 Across Feed]

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

In duplex printing, this allows you to reduce the scaling error on Side 2 of the paper and so minimize the resultant difference in print size between the front and the back.

Press [+] to increase the scaling and [−] to reduce it.



CEZ024

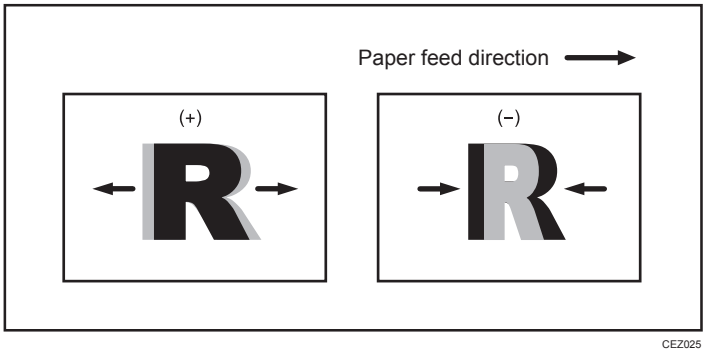
Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Magnification of Side 2 Across Feed Dir]	0.000	-0.500	0.025	%

13: [Adj Magnification of Side2 With Feed]

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

In duplex printing, this allows you to reduce the scaling error on Side 2 of the paper and so minimize the resultant difference in print size between the front and the back.

Press [+] to increase the scaling and [−] to reduce it.



CEZ025

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Magnification of Side 2 With Feed Dir]	0.500	-0.500	0.025	%

14: [Trailing Edge Full Bleed]

Specify whether or not to enable the mode to omit the margin at the trailing edge of the paper.

If set to [On], printing is performed without leaving a margin at the trailing edge of the paper. You can reduce the chipping of images at the trailing edge of the paper when printing an image covering the whole sheet.

Setting Items	Values
[Trailing Edge Full Bleed]	[On] [Off]

Line Speed Adjustment

To prevent the paper becoming too tight or too slack during transfer, set all the line speed adjustment settings for the paper transfer path to the same value. However, if adjustment of individual items is necessary to correct image degradation, perform the adjustment according to the instructions in Troubleshooting.

15: [Process Speed Setting]

Adjust the machine's copy/print speed.

Pro C5100S

- [High]
  65 cpm (full speed)
- [Middle]
  50 cpm
- [Low]
  32 cpm

Pro C5110S

- [High]
  80 cpm (full speed)

- [Middle]

  55.8 cpm
- [Low]

  35.7 cpm

Note

- In some cases, if you change this setting from [Low] to [Middle] or from [Middle] 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 [Middle] or from [Middle] to [Low].

Setting Items	Values
[Process Speed Setting]	[Low] [High] [Middle]

16: [Registration Motor Feed Speed Adj]

Adjust the registration motor's speed.

The registration motor drives the registration roller that feeds paper to the paper transfer unit.

Use this to resolve image quality problems (such as image scaling errors or jitter*1).

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

If you change this setting, apply the same values to the following settings:

- 17: [First Transport Motor Feed Speed Adj]
- 18: [Second Transport Motor Feed Speed Adj]
- 19: [Third Transport Motor Feed Speed Adj]
- 20: [Relay Trnsprt Mtr Feed Speed Adj: CW]
- 21: [Relay Trnsprt Mtr Feed Speed Adj: CCW]
- 29: [2 sided Exit Motor Feed Speed Adj]

Setting Items	Max. Value	Min. Value	Step	Unit
[Registration Motor Feed Speed Adj]	3.0	-3.0	0.1	%

*1 The jitter occurs when the leading or trailing edge of paper that passes through the paper transfer unit is transmitted to the drum unit via the immediate transfer belt, causing banding.

17: [First Transport Motor Feed Speed Adj]

Adjust the first transport motor's speed.

The first transport motor drives the roller in the paper transport path in Tray 1's paper feed unit.

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

Enter the same values that are specified for 16: [Registration Motor Feed Speed Adj].

Setting Items	Max. Value	Min. Value	Step	Unit
[First Transport Motor Feed Speed Adj]	3.0	-3.0	0.1	%

18: [Second Transport Motor Feed Speed Adj]

Adjust the second transport motor's speed.

The second transport motor drives the roller in the paper transport path in Tray 2's paper feed unit.

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

Enter the same values that are specified for 16: [Registration Motor Feed Speed Adj].

Setting Items	Max. Value	Min. Value	Step	Unit
[Second Transport Motor Feed Speed Adj]	3.0	-3.0	0.1	%

19: [Third Transport Motor Feed Speed Adj]

Adjust the third transport motor's speed.

The third transport motor drives the roller in the paper transport path in Tray 3's paper feed unit.

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

Enter the same values that are specified for 16: [Registration Motor Feed Speed Adj].

Setting Items	Max. Value	Min. Value	Step	Unit
[Third Transport Motor Feed Speed Adj]	3.0	-3.0	0.1	%

20: [Relay Trnsprt Mtr Feed Speed Adj: CW]

Adjust the relay transport motor's rotation speed (clockwise rotation).

The relay transport motor drives the relay transport roller, which feeds paper to the registration roller.

This setting is applied when paper is fed from the machine's paper tray or optional LCT/Wide LCT.

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

Enter the same values that are specified for 16: [Registration Motor Feed Speed Adj].

Setting Items	Max. Value	Min. Value	Step	Unit
[Relay Transport Motor Feed Speed Adj: CW]	3.0	-3.0	0.1	%

21: [Relay Trnsprt Mtr Feed Speed Adj: CCW]

Adjust the relay transport motor's rotation speed (counterclockwise rotation).

The relay transport motor drives the relay transport roller, which feeds paper to the registration roller.

This setting is applied when paper is fed from the bypass tray.

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

Enter the same values that are specified for 16: [Registration Motor Feed Speed Adj].

Setting Items	Max. Value	Min. Value	Step	Unit
[Relay Transport Motor Feed Speed Adj: CCW]	3.0	-3.0	0.1	%

22: [Paper Transfer Feed Speed Adjustment]

Adjust the transfer roller's speed.

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

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

23: [Fusing Feed Speed Adjustment]

Adjust the fusing roller's speed.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Fusing Feed Speed Adjustment]	10.0	-10.0	0.1	%

24: [Exit Motor Feed Speed Adjustment]

Adjust the exit motor's speed.

The exit motor drives the rollers at the paper exit.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Exit Motor Feed Speed Adjustment]	3.0	-3.0	0.1	%

25: [Switchback Entrance Feed Speed Adj]

Adjust the paper feed speed at the switchback entrance.

Adjust the rollers' speed to deliver paper that is turned over or duplex-printed.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Switchback Entrance Feed Speed Adjustment]	3.0	-3.0	0.1	%

26: [Switchback Exit Feed Speed Adj: CW]

Adjust the switchback rollers' speed (clockwise rotation).

Adjust the rollers' speed to deliver paper that is turned over.

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

Enter the same values that are specified for 25: [Switchback Entrance Feed Speed Adj].

Setting Items	Max. Value	Min. Value	Step	Unit
[Switchback Exit Feed Speed Adj: CW]	3.0	-3.0	0.1	%

27: [Switchback Exit Feed Speed Adj: CCW]

Adjust how the switchback rollers' speed (counterclockwise rotation).

Adjust the rollers' speed to deliver paper that is turned over. This setting is not applied to duplex printing, which delivers paper via the normal delivery route.

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

Enter the same values that are specified for 24: [Exit Motor Feed Speed Adjustment].

Setting Items	Max. Value	Min. Value	Step	Unit
[Switchback Exit Feed Speed Adj: CCW]	3.0	-3.0	0.1	%

28: [2 sdd Swtchbk Mtr Feed Spd Adj: CCW]

Adjust the 2-sided switchback motor's speed (counterclockwise rotation).

2-Sided Switchback Motor (switchback motor for duplex printing) drives the rollers that turn the paper over and feed it to the horizontal duplex paper transfer unit for duplex printing.

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

Enter the same values that are specified for the switchback drive (25 and 26).

Setting Items	Max. Value	Min. Value	Step	Unit
[2 sided Switchback Motor Feed Speed Adj: CCW]	3.0	-3.0	0.1	%

29: [2 sided Exit Motor Feed Speed Adj]

Adjust the 2-sided exit motor's speed.

Two-Sided Exit Motor (exit motor for duplex printing) drives the rollers at the exit of the horizontal duplex paper transfer unit.

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

Enter the same values that are specified for 16: [Registration Motor Feed Speed Adj].

Setting Items	Max. Value	Min. Value	Step	Unit
[2 sided Exit Motor Feed Speed Adj]	3.0	-3.0	0.1	%

30: [2 sided Transport Roller Shift Adj 1]

Adjust the roller's shift amounts produced by Shift System 1in the horizontal duplex paper transfer unit for duplex printing.

Press [+] to increase the degree of shift and [−] to reduce it.

Note

- The machine adjusts the vertical position of Side 2 (relative to the main scanning direction) by the shifting movement of the horizontal duplex paper transfer unit for duplex printing. When paper with a feed length of 220 mm (8.66 inches) or less is used, only Shift System 2 can be used. When

paper with a feed length of more than 220 mm (8.66 inches) is used, both Shift Systems 1 and 2 can be used.

Setting Items	Max. Value	Min. Value	Step	Unit
[2 sided Transport Roller Shift Adjustment 1]	3.0	-3.0	0.1	%

31: [2 sided Transport Roller Shift Adj 2]

Adjust the roller's shift amounts produced by Shift System 2 in the horizontal duplex paper transfer unit for duplex printing.

Press [+] to increase the degree of shift and [−] to reduce it.

Note

- The machine adjusts the vertical position of Side 2 (relative to the main scanning direction) by the shifting movement of the horizontal duplex paper transfer unit for duplex printing. When paper with a feed length of 220 mm (8.66 inches) or less is used, only Shift System 2 can be used. When paper with a feed length of more than 220 mm (8.66 inches) is used, both Shift Systems 1 and 2 can be used.

Setting Items	Max. Value	Min. Value	Step	Unit
[2 sided Transport Roller Shift Adjustment 2]	3.0	-3.0	0.1	%

32: [Deactivate 2 sided Trnsprt Roller Shift]

Disable the shift operation performed by the duplex transfer unit.

If set to [On], neither Shift System 1 or 2 operates.

Setting Items	Values
[Deactivate 2 sided Transport Roller Shift]	[On] [Off]

Toner Adhesion Adjustment

33: [Adjust Toner Adhesion (Black)]

Adjust the intermediate transfer belt toner adhesion for black.

Use this to adjust the density and color of the printed image. Depending on the paper being used, it may be necessary to make this adjustment to achieve optimal toner adhesion.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Toner Adhesion (Black)]	5	-5	1	None

34: [Adjust Toner Adhesion (Cyan)]

Adjust the intermediate transfer belt toner adhesion for cyan.

Use this to adjust the density and color of the printed image. Depending on the paper being used, it may be necessary to make this adjustment to achieve optimal toner adhesion.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Toner Adhesion (Cyan)]	5	-5	1	None

35: [Adjust Toner Adhesion (Mgenta)]

Adjust the intermediate transfer belt toner adhesion for magenta.

Use this to adjust the density and color of the printed image. Depending on the paper being used, it may be necessary to make this adjustment to achieve optimal toner adhesion.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Toner Adhesion (Magenta)]	5	-5	1	None

36: [Adjust Toner Adhesion (Yellow)]

Adjust the intermediate transfer belt toner adhesion for yellow.

Use this to adjust the density and color of the printed image. Depending on the paper being used, it may be necessary to make this adjustment to achieve optimal toner adhesion.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Toner Adhesion (Yellow)]	5	-5	1	None

Transfer Adjustment

37: [Image Transfer Current: B&W]

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

Use this to reduce image quality degradation due to the paper (for example, due to the paper's moisture content).

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Image Transfer Current Setting: B&W]	70	0	1	μA

38: [Image Transfer Current: FC: Black]

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

Use this to reduce image quality degradation due to the paper (for example, due to the paper's moisture content).

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Image Transfer Current Setting: FC: Black]	70	0	1	μA

39: [Image Transfer Current: FC: Cyan]

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

Use this to reduce image quality degradation due to the paper (for example, due to the paper's moisture content).

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Image Transfer Current Setting: FC: Cyan]	70	0	1	μA

40: [Image Transfer Current: FC: Magenta]

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

Use this to reduce image quality degradation due to the paper (for example, due to the paper's moisture content).

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Image Transfer Current Setting: FC: Magenta]	70	0	1	μA

41: [Image Transfer Current: FC: Yellow]

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

Use this to reduce image quality degradation due to the paper (for example, due to the paper's moisture content).

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Image Transfer Current Setting: FC: Yellow]	70	0	1	μA

42: [Paper Transfer Current: B&W: Side 1]

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

Use this to reduce image quality degradation due to the paper (for example, due to the paper's moisture content).

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current Setting: B&W: Side 1]	0	-300	1	μA

43: [Paper Transfer Current: FC: Side 1]

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

Use this to reduce image quality degradation due to the paper (for example, due to the paper's moisture content).

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current Setting: FC: Side 1]	0	-300	1	μA

44: [Paper Transfer Current: B&W: Side 2]

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

Use this to reduce image quality degradation due to the paper (for example, due to the paper's moisture content).

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current Setting: B&W: Side 2]	0	-300	1	μA

45: [Paper Transfer Current: FC: Side 2]

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

Use this to reduce image quality degradation due to the paper (for example, due to the paper's moisture content).

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current Setting: FC: Side 2]	0	-300	1	μA

46: [Paper Transfer Current; Lead Edge: B&W]

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

Specify the paper transfer currents as a percentage of the currents specified in 42: [Paper Transfer Current: B&W: Side 1] and 44: [Paper Transfer Current: B&W: Side 2].

Use this to reduce image quality degradation at the leading edge of the paper.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current; Lead Edge: B&W]	300	5	5	%

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

47: [Paper Transfer Current; Lead Edge: 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 43: [Paper Transfer Current: FC: Side 1] and 45: [Paper Transfer Current: FC: Side 2].

Use this to reduce image quality degradation at the leading edge of the paper.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current; Lead Edge: Full Color]	300	5	5	%

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

48: [Ppr Transfer Current Lead Edg Dist: BW]

Adjust the area at the leading edge of the paper for application of paper transfer current.

Specify the length of area at the leading edge of the paper to which the current set in 46: [Paper Transfer Current; Lead Edge: B&W] is applied.

Use this to reduce image quality degradation at the leading edge of the paper.

Press [+] to increase the length of area at the leading edge to apply the current and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current; Lead Edge Dist: B&W]	30	0	1	mm

49: [Ppr Transfer Current Lead Edg Dist: FC]

Adjust the area at the leading edge of the paper for application of paper transfer current.

Specify the length of area at the leading edge of the paper to which the current set in 47: [Paper Transfer Current; Lead Edge: FC] is applied.

Use this to reduce image quality degradation at the leading edge of the paper.

Press [+] to increase the length of area at the leading edge to apply the current and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current; Lead Edge Dist: Full Color]	30	0	1	mm

50: [Paper Transfer Current; Trail Edge: B&W]

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

Specify the paper transfer currents as a percentage of the currents specified in 42: [Paper Transfer Current: B&W: Side 1] and 44: [Paper Transfer Current: B&W: Side 2].

Use this to reduce image quality degradation at the trailing edge of the paper.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current; Trail Edge: B&W]	300	5	5	%

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

51: [Paper Transfer Current; Trail Edge: 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 43: [Paper Transfer Current: FC: Side 1] and 45: [Paper Transfer Current: FC: Side 2].

Use this to reduce image quality degradation at the trailing edge of the paper.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current; Trail Edge: Full Color]	300	5	5	%

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

52: [Ppr Transfer Current Trail Edg Dist: BW]

Adjust the area at the trailing edge of the paper for application of paper transfer current.

Specify the length of area at the trailing edge of the paper to which the current set in 50: [Paper Transfer Current; Trail Edge: B&W] is applied.

Use this to reduce image quality degradation at the trailing edge of the paper.

Press [+] to increase the length of area at the trailing edge to apply the current and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current; Trail Edge Dist: B&W]	100	0	1	mm

53: [Ppr Transfer Current Trail Edg Dist: FC]

Adjust the area at the leading edge of the paper for application of paper transfer current.

Specify the length of area at the trailing edge of the paper to which the current set in 51: [Paper Transfer Current; Trail Edge: FC] is applied.

Use this to reduce image quality degradation at the trailing edge of the paper.

Press [+] to increase the length of area at the trailing edge to apply the current and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Transfer Current; Trail Edge Dist: Full Color]	100	0	1	mm

54: [Ppr Trns CV Start Timing: B&W: Side 1]

Adjust the timing to start constant voltage control for the bias on Side 1 during paper transfer when printing in black-and-white mode.

Use this to adjust transferability at the leading edge of the paper.

Press [+] or [−] to adjust the start timing.

Note

- For the bias during paper transfer at the start of printing, the machine performs constant voltage control and then switches to constant current control. If you set "CV Start Timing" to "50ms" and "CV Control Duration" to "30ms", constant voltage control for the paper transfer bias starts 50 milliseconds before printing a sheet and lasts for 30 milliseconds,. This is followed by constant current control for the remaining 20 milliseconds, after which printing starts.

Setting Items	Max. Value	Min. Value	Step	Unit
[Ppr Trns CV Start Timing: B&W: Side 1]	100	0	1	ms

55: [Ppr Trns CV Start Timing: B&W: Side 2]

Adjust the timing to start constant voltage control for the bias on Side 2 during paper transfer when printing in black-and-white mode.

Use this to adjust transferability at the leading edge of the paper.

Press [+] or [−] to adjust the start timing.

Setting Items	Max. Value	Min. Value	Step	Unit
[Ppr Trns CV Start Timing: B&W: Side 2]	100	0	1	ms

56: [Ppr Trns CV Start Timing: FC: Side 1]

Adjust the timing to start constant voltage control for the bias on Side 1 during paper transfer when printing in full color.

Use this to adjust transferability at the leading edge of the paper.

Press [+] or [−] to adjust the start timing.

Setting Items	Max. Value	Min. Value	Step	Unit
[Ppr Trns CV Start Timing: FC: Side 1]	100	0	1	ms

57: [Ppr Trns CV Start Timing: FC: Side 2]

Adjust the timing to start constant voltage control for the bias on Side 2 during paper transfer when printing in full color.

Use this to adjust transferability at the leading edge of the paper.

Press [+] or [−] to adjust the start timing.

Setting Items	Max. Value	Min. Value	Step	Unit
[Ppr Trns CV Start Timing: FC: Side 2]	100	0	1	ms

58: [Ppr Trns CV Cntrl Duratn: B&W: Side 1]

Adjust the duration of constant voltage control for the bias on Side 1 during paper transfer when printing in black-and-white mode.

Use this to adjust transferability at the leading edge of the paper.

Press [+] or [−] to adjust the duration.

Note

- For the bias during paper transfer at the start of printing, the machine performs constant voltage control and then switches to constant current control. If you set "CV Start Timing" to "50ms" and "CV Control Duration" to "30ms", constant voltage control for the paper transfer bias starts 50 milliseconds before printing a sheet and lasts for 30 milliseconds,. This is followed by constant current control for the remaining 20 milliseconds, after which printing starts.

Setting Items	Max. Value	Min. Value	Step	Unit
[Ppr Trns CV Control Duration: B&W: Side 1]	100	0	1	ms

59: [Ppr Trns CV Cntrl Duratn: B&W: Side 2]

Adjust the duration of constant voltage control for the bias on Side 2 during paper transfer when printing in black-and-white mode.

Use this to adjust transferability at the leading edge of the paper.

Press [+] or [−] to adjust the duration.

Setting Items	Max. Value	Min. Value	Step	Unit
[Ppr Trns CV Control Duration: B&W: Side 2]	100	0	1	ms

60: [Ppr Trns CV Cntrl Duratn: FC: Side 1]

Adjust the duration of constant voltage control for the bias on Side 1 during paper transfer when printing in full color.

Press [+] or [−] to adjust the duration.

Setting Items	Max. Value	Min. Value	Step	Unit
[Ppr Trns CV Control Duration: FC: Side 1]	100	0	1	ms

61: [Ppr Trns CV Cntrl Duratn: FC: Side 2]

Adjust the duration of constant voltage control for the bias on Side 2 during paper transfer when printing in full color.

Press [+] or [−] to adjust the duration.

Setting Items	Max. Value	Min. Value	Step	Unit
[Ppr Trns CV Control Duration: FC: Side 2]	100	0	1	ms

62: [Ppr Trns Contact and Disengage Mode]

Specify whether or not to enable the paper transfer contact/separation mode.

If [On] is selected, the paper transfer roller separates from the intermediate transfer belt while paper is transferred.

Use this to reduce the jitter*1 produced when thick paper is used for printing.

Note

- [On] is specified as the default for paper of Paper Weight 5 or greater.

Setting Items	Values
[Paper Transfer Contact and Disengage Mode]	[On] [Off]

*1 The jitter occurs when the leading or trailing edge of paper that passes through the paper transfer unit is transmitted to the drum unit via the immediate transfer belt, causing banding.

63: [Adjust Contact Timing of Ppr Trns]

Adjust the timing for the intermediate transfer belt and the paper transfer unit to come into contact during paper contact/ separation.

Use this to reduce the jitter*1 produced during paper contact if it cannot be reduced sufficiently by [Ppr Trns Contact and Disengage Mode]. Also, use this to reduce the image quality degradation during the contact.

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 Items	Max. Value	Min. Value	Step	Unit
[Adjust Contact Timing of Paper Transfer]	10	-5	1	mm

*1 The jitter occurs when the leading or trailing edge of paper that passes through the paper transfer unit is transmitted to the drum unit via the immediate transfer belt, causing banding.

64: [Adjust Disengage Timing of Ppr Trns]

Adjust the timing for the intermediate transfer belt and the paper transfer unit to separate during paper contact/separation.

Use this to reduce the jitter*1 produced during paper separation if it cannot be reduced sufficiently by [Ppr Trns Contact and Disengage Mode]. Also, use this to reduce the image quality degradation during the 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 Items	Max. Value	Min. Value	Step	Unit
[Adjust Disengage Timing of Paper Transfer]	5	-10	1	mm

*1 The jitter occurs when the leading or trailing edge of paper that passes through the paper transfer unit is transmitted to the drum unit via the immediate transfer belt, causing banding.

65: [Textured Paper Mode]

Specify whether or not to enable Textured Paper mode.

If set to [On], the paper transfer voltage settings (66 – 73) are enabled.

Setting Items	Values
[Textured Paper Mode]	[On] [Off]

66: [Txt Ppr: Ppr Trns Voltage: B&W: Side 1]

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

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Txt Ppr: Paper Transfer Voltage: B&W: Side 1]	14.0	0.0	0.1	KV

67: [Txt Ppr: Ppr Trns Voltage: B&W: Side 2]

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

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Txt Ppr: Paper Transfer Voltage: B&W: Side 2]	14.0	0.0	0.1	KV

68: [Txt Ppr: Paper Trnsf Voltage: FC: Side 1]

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

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Txt Ppr: Paper Transfer Voltage: FC: Side 1]	14.0	0.0	0.1	KV

69: [Txt Ppr: Paper Trnsf Voltage: FC: Side 2]

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

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Txt Ppr: Paper Transfer Voltage: FC: Side 2]	14.0	0.0	0.1	KV

70: [Txt Ppr: AC Frquncy of Ppr Trns Voltag]

Adjust the frequency of the AC voltage applied to the paper when Textured Paper mode is enabled.

Press [+] to increase the frequency and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Txt Ppr: AC Frequency of Paper Transfer Voltage]	1200	400	1	Hz

71: [Txt Ppr: AC Duty Cycl of Ppr Trns Vltg]

Adjust the duty cycle of the AC voltage applied to the paper when Textured Paper mode is enabled.

Press [+] to increase the duty cycle and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Txt Ppr: AC Duty Cycle of Paper Transfer Voltage]	50	5	1	%

72: [Txt Ppr: Ppr Trns Isolatn Voltag: Side 1]

Adjust the separation voltage for paper transfer applied to Side 1 when Textured Paper mode is enabled.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Txt Ppr: Ppr Trns Isolation Voltage: Side 1]	12.0	0.0	0.5	KV

* You can adjust the value in steps of 0.1 kV using from Web Image Monitor.

73: [Txt Ppr: Ppr Trns Isolatn Voltag: Side 2]

Adjust the separation voltage for paper transfer applied to Side 2 when Textured Paper mode is enabled.

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Txt Ppr: Ppr Trns Isolation Voltage: Side 2]	12.0	0.0	0.5	KV

* You can adjust the value in steps of 0.1 kV using from Web Image Monitor.

Fuser Adjustment

74: [Fusing Heat Roller Temperature Adj]

Adjust the heat roller temperature.

Press [+] to increase the temperature and [−] to reduce it.

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).
- Depending on the type of paper, you can increase the toner gloss by increasing the temperature by 5 to 10°C over the initial factory setting.

Setting Items	Max. Value	Min. Value	Step	Unit
[Fusing Heat Roller Temperature Adjustment]	200	100	1	degree(s)

75: [Fusing Pressure Roller Temperature Adj]

Adjust the pressure roller temperature.

Press [+] to increase the temperature and [−] to reduce it.

Note

- Decreasing the temperature too much may cause the toner to not properly fuse to the paper. (cold offset).

Setting Items	Max. Value	Min. Value	Step	Unit
[Fusing Pressure Roller Temperature Adjustment]	200	50	1	degree(s)

76: [Fusing Nip Width Setting]

Adjust the nip width between the fusing belt and pressure roller.

Press [+] to increase the nip width and [−] to reduce it.

Note

- Changing this setting may lead to insufficient fusing, which may cause the toner to unfuse from the paper (cold offset).

Setting Items	Max. Value	Min. Value	Step	Unit
[Fusing Nip Width Setting]	3	1	1	None

77: [Adjust Fusing Temprtr to Transfer Paper]

Adjust the fusing temperature at which to allow paper feeding after warming up.

Paper feeding starts when the fusing unit reaches the temperature defined by the selected mode. Select one of the following modes:

1. This is the normal printing mode.
2. This mode reduces excessive luster or hot offset when printing on thin paper just after printing on thick paper.
3. This mode reduces fusing errors by increasing the fusing temperature at which paper feeding is allowed.
4. 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.
5. This mode cannot be used on this machine.
6. This mode cannot be used on this machine.

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Fusing Temperature to Transfer Paper]	6	1	1	None

78: [Adjust Adding Fusing Temperature 1]

Adjust the fusing unit's accumulated temperature for a specific time after a job starts.

Depending on the operating environment, the fusing temperature may drop before paper is transferred to the fusing unit. Use this function to prevent the fusing temperature dropping.

Fusing temperature must be adjusted if a fusing error or abnormal luster occurs after three to ten pages of a multi-page job are printed.

Press [+] to increase the temperature and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Adding Fusing Temperature 1]	30	0	1	degree(s)

79: [Adjust Adding Fusing Temperature 2]

Adjust the fusing unit's accumulated temperature for a specific time after writing starts.

Depending on the operating environment, the fusing temperature may drop before paper is transferred to the fusing unit. Use this function to prevent the fusing temperature dropping.

Fusing temperature must be adjusted if a fusing error or abnormal luster occurs after three to ten pages of a multi-page job are printed.

Press [+] to increase the temperature and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Adding Fusing Temperature 2]	30	0	1	degree(s)

80: [Paper Feed Interval Setting]

Adjust the interval between the feeding of each sheet.

The standard interval is "100". If you set this to "50", the throughput will be reduced in half.

Press [+] to increase the interval and [−] to reduce it.

Note

- Depending on the fusing unit's temperature and the size of paper, if you increase the interval by pressing [−], the copy/print speed may decrease.

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Feed Interval Setting]	100	1	1	%

81: [Reduce Initial CPM: Low Temp. Envrnmt.]

Select one of the three levels of copy/print speed reduction at low temperatures.

If the temperature of the fusing unit fall below a certain point, the machine will reduce the copy/print speed to increase fusibility. You can select from the three levels of copy/print speed reduction.

Pro C5100S

- [Do not Reduce]

  65 cpm (full speed)
- [Reduce Level 1]

  52 cpm (80% of full speed)
- [Reduce Level 2]

  42 cpm (65% of full speed)
- [Reduce Level 3]

  32 cpm (50% of full speed)

Pro C5110S

- [Do not Reduce]

80 cpm (full speed)

- [Reduce Level 1]

  64 cpm (80% of full speed)

- [Reduce Level 2]

  52 cpm (65% of full speed)

- [Reduce Level 3]

  40 cpm (50% of full speed)

Note

- The setting will take effect if the ambient temperature is 17°C (62.6°F) or lower. Since the temperature of the fusing unit may decrease in a cold environment, specify this setting in addition to "49: Reduce Initl CPM: Norml/High Temp Env".

Setting Items	Values
[Reduce Initial CPM: Low Temperature Environment]	[Do not Reduce] [Reduce Level 1] [Reduce Level 2] [Reduce Level 3]

82: [Reduce Initl CPM: Norml/High Temp Env]

Select one of the three levels of copy/print speed reduction at normal room temperature and above.

If the temperature of the fusing unit fall below a certain point, the machine will reduce the copy/print speed to increase fusibility. You can select from the three levels of copy/print speed reduction.

Pro C5100S

- [Do not Reduce]

  65 cpm (full speed)

- [Reduce Level 1]

  52 cpm (80% of full speed)

- [Reduce Level 2]

  42 cpm (65% of full speed)

- [Reduce Level 3]

  32 cpm (50% of full speed)

Pro C5110S

- [Do not Reduce]

80 cpm (full speed)

- [Reduce Level 1]

  64 cpm (80% of full speed)

- [Reduce Level 2]

  52 cpm (65% of full speed)

- [Reduce Level 3]

  40 cpm (50% of full speed)

Note

- The setting will take effect if the ambient temperature is higher than 17°C (62.6°F).

Setting Items	Values
[Reduce Initial CPM: Normal/High Temp. Environment]	[Do not Reduce] [Reduce Level 1] [Reduce Level 2] [Reduce Level 3]

83: [Adjust Cleaning Web Motor 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 reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Cleaning Web Motor Interval]	0	-75	5	%

84: [Cleaning Web Contact and Disengage]

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.

This must be adjusted if image quality degradation due to fusing (black spots) occurs when printing on glossy or matte paper.

Note

- When using paper smaller than A3 (11 × 17 inches), the cleaning web separates regardless of this setting.

Setting Items	Values
[Cleaning Web Contact and Disengage]	[On] [Off]

85: [Fusing Nip Width Adj. for Envelope]

Adjust the nip width between the fusing belt and pressure roller when an envelope is being fed. If the envelope becomes wrinkled, press [−] to reduce the nip width. If a fusing error develops on the envelope, press [+] to increase the nip width. Increasing the nip width too much may cause the envelope to become wrinkled.

Setting Items	Max. Value	Min. Value	Step	Unit
[Fusing Nip Width Adjustment for Envelope]	2000	0	1	msec

Decurler Adjustment

86: [Paper Curl Correction Level]

Adjust the degree of paper decurling by the decurler unit.

Select between "1" (weak) and "5" (strong).

Setting Items	Max. Value	Min. Value	Step	Unit
[Paper Curl Correction Level]	5	1	1	None

87: [Adjust Paper Curl Correction Level]

Adjust the contact pressure between the soft roller and metal roller in the decurler unit.

Use this to make fine adjustment in addition to the five-level adjustment made in 86: [Paper Curl Correction Level].

Press [+] to increase the contact pressure and [−] to reduce it.

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Paper Curl Correction Level]	0.5	-0.3	0.1	mm

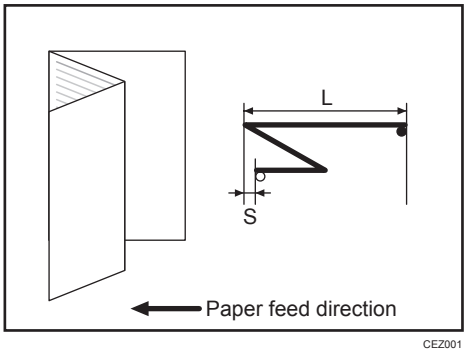
Finishing Position Adjustment

88: [Adjust 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

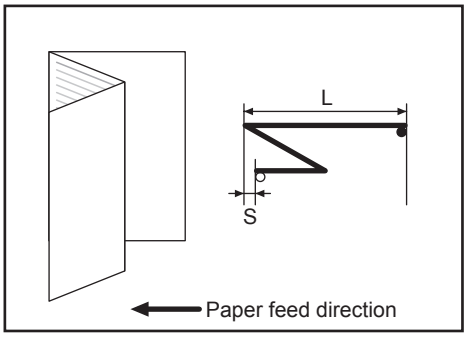
Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Z-fold Position 1]	4.0	-4.0	0.2	mm

89: [Adjust 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.



CEZ001

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Z-fold Position 2]	4.0	-4.0	0.2	mm

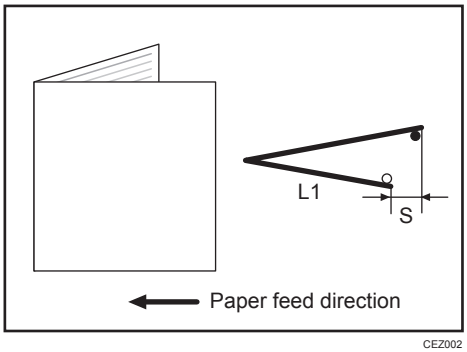
90: [Half Fold Position: Single-sheet Fold]

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.



CEZ002

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Half Fold Position: Single-sheet Fold]	4.0	-4.0	0.2	mm

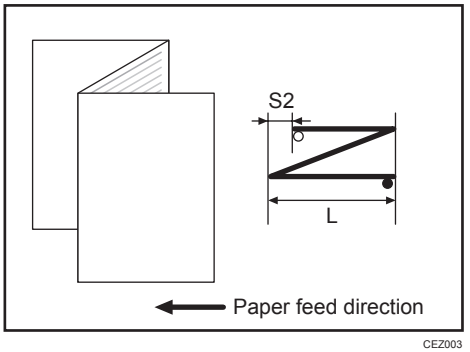
91: [Letter Fold-out Posn 1: Single-sheet Fld]

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 Items	Max. Value	Min. Value	Step	Unit
[Adjust Letter Fold-out Position 1: Single-sheet Fold]	4.0*1	-4.0*1	0.2	mm

*1 For B5□ paper, any adjustment greater than 3 mm is rounded down to 3 mm.

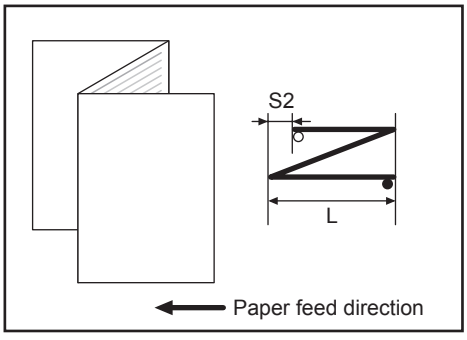
92: [Letter Fold-out Posn 2: Single-sheet Fld]

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 Items	Max. Value	Min. Value	Step	Unit
[Adjust Letter Fold-out Position 2: Single-sheet Fold]	4.0*1	-4.0*1	0.2	mm

*1 For B5 paper, any adjustment greater than 3 mm is rounded down to 3 mm.

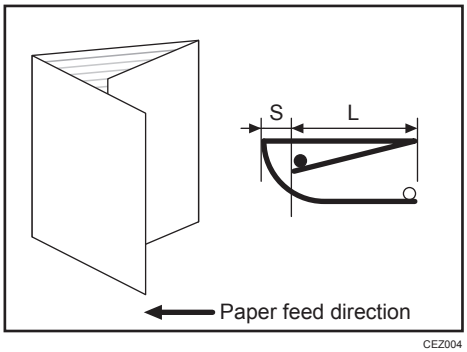
93: [Letter Fold-in Posn 1: Single-sheet Fold]

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.



CEZ004

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Letter Fold-in Position 1: Single-sheet Fold]	4.0	-4.0	0.2	mm

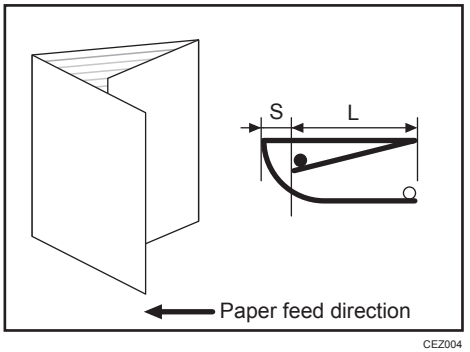
94: [Letter Fold-in Posn 2: Single-sheet Fold]

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.



Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Letter Fold-in Position 2: Single-sheet Fold]	4.0	-4.0	0.2	mm

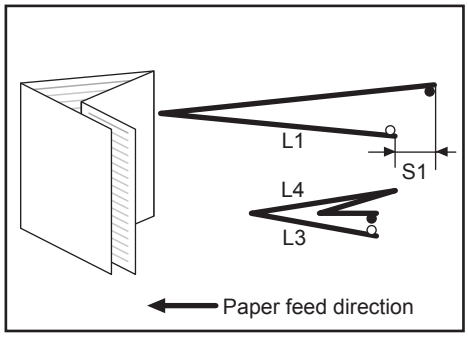
95: [Double Parallel Fold Position 1]

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 Items	Max. Value	Min. Value	Step	Unit
[Adjust Double Parallel Fold Position 1]	4.0	-4.0	0.2	mm

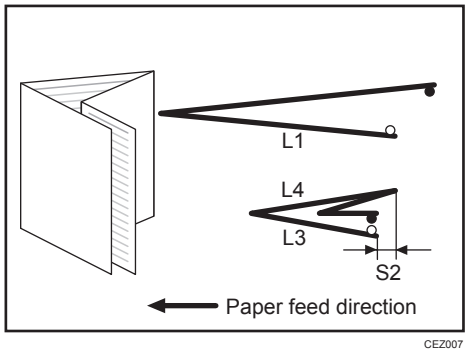
96: [Double Parallel Fold Position 2]

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 Items	Max. Value	Min. Value	Step	Unit
[Adjust Double Parallel Fold Position 2]	4.0	-4.0	0.2	mm

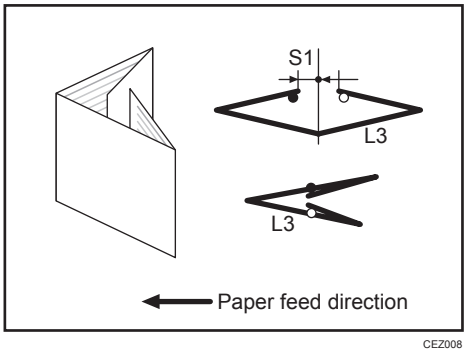
97: [Adjust Gate Fold Position 1]

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

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Gate Fold Position 1]	4.0	-4.0	0.2	mm

Note

- You cannot specify this setting when using 12" × 18"□ paper.

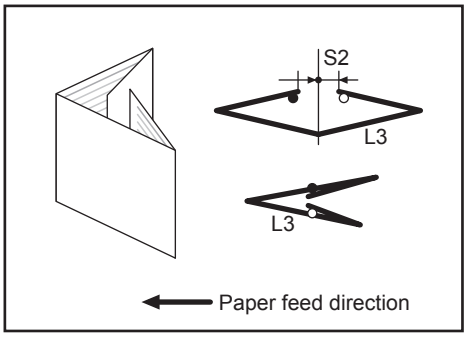
98: [Adjust Gate Fold Position 2]

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, 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.



CEZ009

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Gate Fold Position 2]	4.0	-4.0	0.2	mm

Note

- You cannot specify this setting when using 12" × 18"▱ paper.

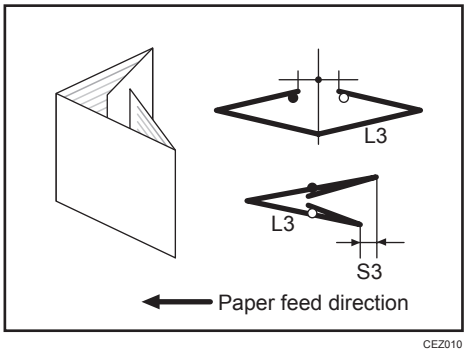
99: [Adjust Gate Fold Position 3]

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, 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.



CEZ010

Setting Items	Max. Value	Min. Value	Step	Unit
[Adjust Gate Fold Position 3]	4.0	-4.0	0.2	mm

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