

ComColorExpress IS1000C / IS950C

Printer Driver Guide

RISO

101-36051

 **CAUTION**

To ensure safety precautions, be sure to read the Setup Guide (separate manual) before using the product.

After reading this manual, keep it in handy for future reference.

Preface

The “ComColorExpress IS1000C / IS950C Printer Driver” is a dedicated ComColor series (9150 / 9110 / 7150 / 7110 / 3150 / 3110) printer driver for the ComColorExpress IS1000C / IS950C. This manual describes various functions and operations, starting with basic printer driver operations, for each compatible operating system. In addition, troubleshooting methods are described at the end of this manual.

Before using this printer driver, please read this document. After reading this document, keep it in handy for future reference.

Organization of Instruction Manuals

There are three instruction manuals for this product.

- “Setup Guide”

This manual describes how to connect the IS1000C / IS950C and the installation procedures for the software that comes with this product.

- “Printer Driver Guide” (This Manual)

This manual describes specific functions of and the setup procedure for the printer driver.

- “Utility Guide”

This manual describes Console functions for checking the status of and managing this product through a network, and the software that comes with this product.

Read each of the manuals before using this product or when there is something you do not understand while using it. Certain features may have limitations depending on the model of the printer being used.

For details, refer to the operating instructions of the printer in addition to these operating instructions.

Content of Instruction Manuals

Notes

- 1) Unauthorised reproduction of all or part of this manual is strictly prohibited.
- 2) Since there may be improvements to the product, the content of this manual may change in the future without notice.
- 3) RISO takes no responsibility for effects resulting from this manual or the operation of this product.
- 4) The illustrations included in this document depict the IS1000C model in most cases.

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Icons Used in This Manual

Functions, operations and cautions are described as follows in this manual.

Important!

describes items where care is necessary or where there are prohibitions.

Note

describes items where there is particularly helpful information and ones where there is something that should be known.



indicates the title and page of an item that should be referred to and thoroughly understood. When the reference is to another manual, the name of the manual will also be noted.

⚠ WARNING**⚠ Caution**

are safety cautions. "Safety Precautions" are described in a separate manual, "Setup Guide". Be sure to read them before using this product.

Printing Operation

Printing with Computers Running Windows

This section describes the basic operation for sending the printing data to the ComColorExpress IS1000C / IS950C from a computer running Windows.

The following procedure is an example of sending the printing data to the IS1000C / IS950C from Microsoft Word (Windows XP).

Note:

- The computer, IS1000C / IS950C and printer all must be correctly connected in advance, and required software must be installed. For details, refer to the separate manual, "Setup Guide".

1 Confirm that the IS1000C / IS950C and the printer are turned on.

2 Start the computer, and open the file to be printed.

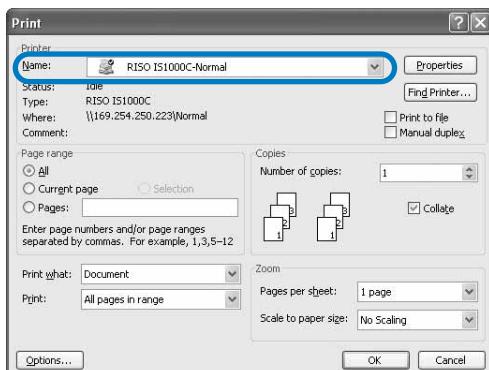
Start the application software on your computer, and open the file of the original data to be printed.

3 Display the [Print] dialog box.

Select [Print] from the [File] menu of the application software.

4 Confirm the printer [Name].

The queues set when the printer driver was installed ([Normal], [Hold], etc.) are displayed in the printer list.



Note:

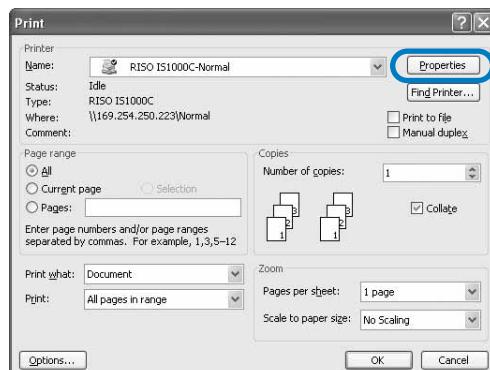
- According to your uses and purpose, select [Normal], [Hold], or customised queues added by the administrator from the printer list as an output destination queue.
- [Normal] queue (e.g. IS1000C-Normal, IS950C-Normal)
Output data is processed in order on the printer.

- [Hold] queue (e.g. IS1000C-Hold, IS950C-Hold)
Output data is saved in the IS1000C / IS950C. Saved data is processed by giving commands with the RISO Console.

- Custom queue (e.g. IS1000C-ABC, IS950C-ABC)
If the administrator has registered custom queues in the IS1000C / IS950C, queues that have been already registered will be displayed in the queue selection list. Output data is processed in accordance with the queue settings registered by the administrator.

For details, refer to the separate manual, "Utility Guide".

5 Click the [Properties] button.

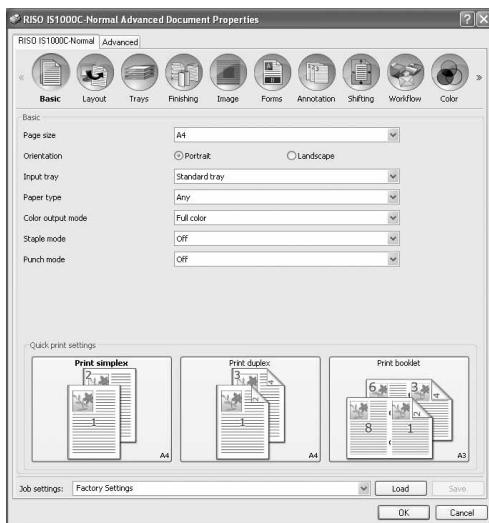


The [Properties] dialog box is displayed.

Note:

- The items displayed in the [Print] dialog box vary depending on the application software.

6 Configure print conditions.



Configure the following settings in the [Basic] screen, as basic print conditions.

- **[Page size]**

Selects the paper size specified by the application software when creating an original. ↪ p.19

- **[Orientation]**

Selects the orientation of printing the original. ↪ p.20

- **[Input tray]**

Selects the tray holding the paper for printing. ↪ p.20

- **[Paper type]**

Selects the paper type. ↪ p.21

- **[Color output mode]**

Selects full color or single-color (black, cyan, or magenta) printing. ↪ p.21

- **[Staple mode]**

Staples printed paper. ↪ p.38

- **[Punch mode]**

Punches holes in printed paper.

- **[Quick print settings]**

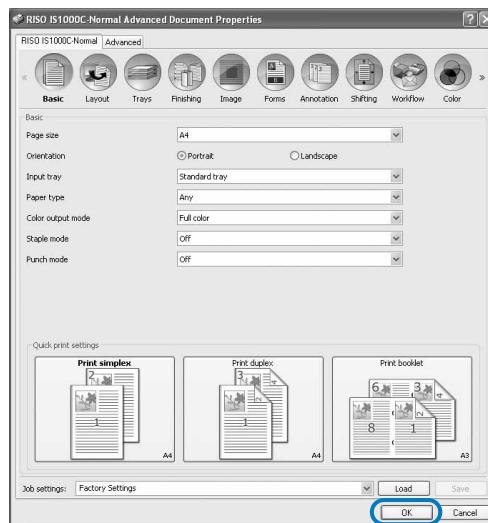
Selects a button for frequently used setting for originals to be printed.

Note:

- For normal printing, configuration of settings can be completed in the [Basic] screen. When configuring more detailed print conditions, use other screens.

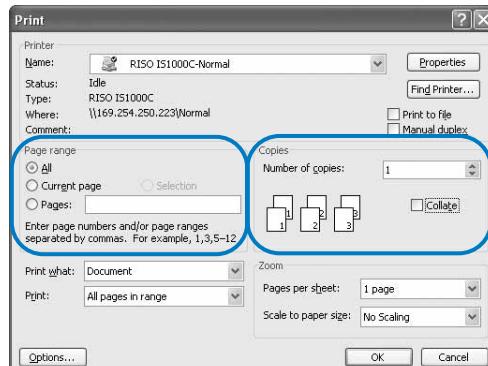
For information about other screens, see "Printer Driver" ↪ p.12.

7 Click the [OK] button.



8 Check the [Print] dialog box.

Check the following items.



- **Page range**

Specifies the page range of original data to be printed.

- **Copies**

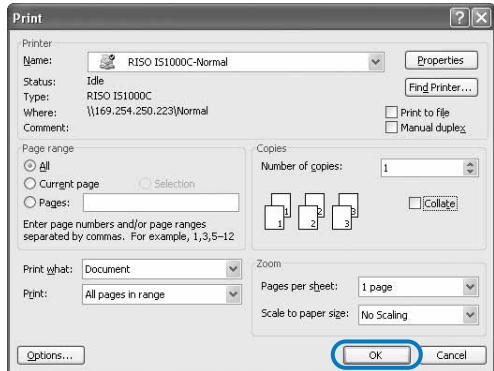
Specifies the output volume (number of copies) for original data with the number.

Important!:

- Be sure to remove the checkmark from [Collate] if the [Collate] item is available.

9 Click the [OK] button.

Original data is sent to the IS1000C / IS950C.



Printing with Macintosh Computers

This section describes the basic operation for sending the printing data to the ComColorExpress IS1000C / IS950C from a Macintosh computer.

The following procedure is an example of sending the printing data to the IS1000C / IS950C from Text Edit (Mac OS X v10.5).

Note:

- The computer, IS1000C / IS950C and printer all must be correctly connected in advance, and required software must be installed. For details, refer to the separate manual, "Setup Guide".

1 Confirm that the IS1000C / IS950C and the printer are turned on.

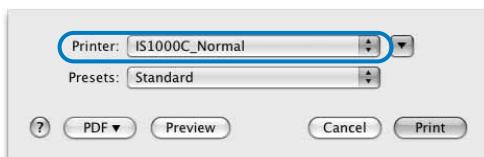
2 Start the computer, and open the file to be printed.

Start the application software on your computer, and open the file of the original data to be printed.

3 Select [Print] from the [File] menu, and display the [Print] dialog box.

4 Confirm the [Printer] setting.

The queues set when the printer driver was installed ([Normal], [Hold], [Direct], etc.) are displayed in the printer list.



Note:

- According to your uses and purpose, select [Normal], [Hold], [Direct], or customised queues added by the administrator from the printer pull-down menu as an output destination queue.
- [Normal] queue (e.g. IS1000C / IS950C-Normal)
Output data is processed in order on the printer.
- [Hold] queue (e.g. IS1000C / IS950C-Hold)
Output data is saved in the IS1000C / IS950C. Saved data is processed by giving commands with the RISO Console.
- [Direct] queue (e.g. IS1000C / IS950C-Direct)
Do not use this queue for printing. Select this queue when you install the printer fonts.

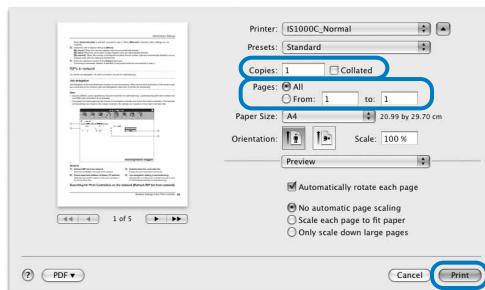
- Custom queue (e.g. IS1000C / IS950C-ABC)
If the administrator has registered custom queues in the IS1000C / IS950C, queues that have been already registered will be displayed in the queue selection list. Output data is processed in accordance with the queue settings registered by the administrator.

For details, refer to the separate manual, "Utility Guide".

5 Click [▼].

6 Check the [Copies & Pages] dialog box.

Check the following items.

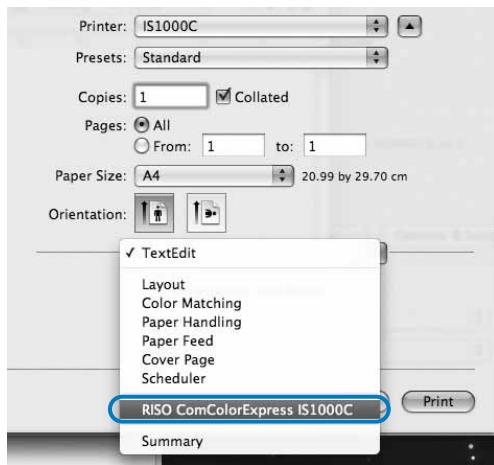


- Copies
Specifies the output volume (number of copies) for original data with the number.
- Pages
Specifies the page range of original data to be printed.
- Paper Size
Specifies the paper size.
- Orientation
Specifies the paper loading orientation.

Important!:

- Be sure to remove the checkmark from [Collated] if the [Collated] item is available.

7 Select [RISO ComColorExpress IS1000C] or [RISO ComColorExpress IS950C] from the list box.



8 Click the [Settings] button.



The Settings screen is displayed.

9 Configure print conditions.



Configure the following settings in the [**Basic**] screen, as basic print conditions.

- **[Page size]**

The paper size specified by the application software when creating an original is automatically displayed.

☞ p.19

- **[Orientation]**

The original print orientation specified by the application software when creating an original is automatically displayed.

☞ p.20

- **[Input tray]**

The tray selected in the [**Paper Feed**] dialog box is displayed. ☞ p.20

- **[Paper type]**

Selects the paper type.

- **[Color output mode]**

Selects full color or single-color (black, cyan, or magenta) printing. ☞ p.21

- **[Staple mode]**

Staples printed paper.

- **[Punch mode]**

Punches holes in printed paper.

- **[Quick print settings]**

Selects a button for frequently used setting for originals to be printed.

Note:

- For normal printing, configuration of settings can be completed in the [**Basic**] screen. When configuring more detailed print conditions, use other screens.

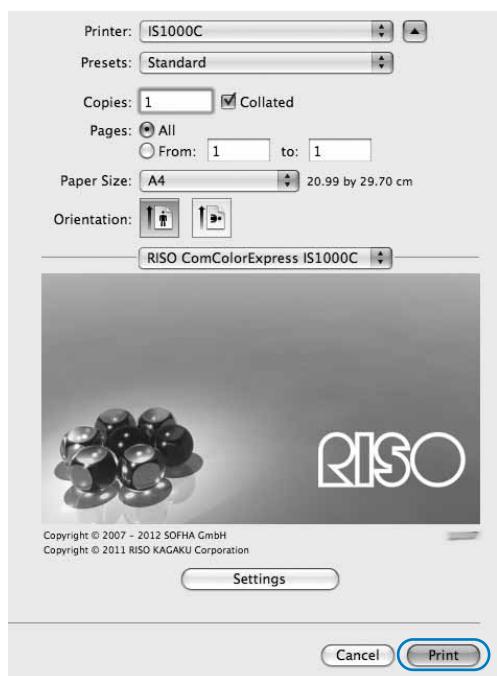
For information about other screens, see "Printer Driver" ☞ p.12.

10 Click the [OK] button.



11 Click the [Print] button.

Original data is sent to the IS1000C / IS950C.



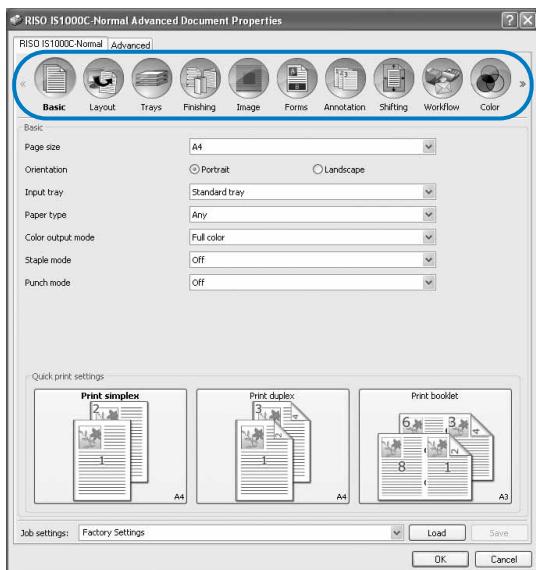
Printer Driver

Printer driver settings must be changed to print according to your uses and purposes. The printer driver settings will be described here.

Printer Driver Operations

This section describes operation procedures for the printer driver. (Here, the explanation will use a Windows screen.)

Displaying screens



Click a setting screen icon which you want to display, the screen will switch to your desired one.

Common buttons of Screens



- **>> button**

Click this button to display the subsequent content that is not shown in the current screen.

- **<< button**

Click this button to display the previous content that is not shown in the current screen.

- **[Load] button**

Click this button to load the settings selected in the **[Job settings]** list.

- **[Save] button**

Click this button to save the current settings.

Note:

- For information about the **[Job settings]** list, see “**[Job settings]** list” [p.17](#).

- **[OK] button**

Click this button to confirm the new printer driver settings, and to close the Properties dialog box.

- **[Cancel] button**

Click this button to cancel the new printer driver settings, and to close the Properties dialog box.

Printer Driver Actions

This section describes the printer driver settings. When printing, refer to explanation pages for each screen, and configure settings required for output.

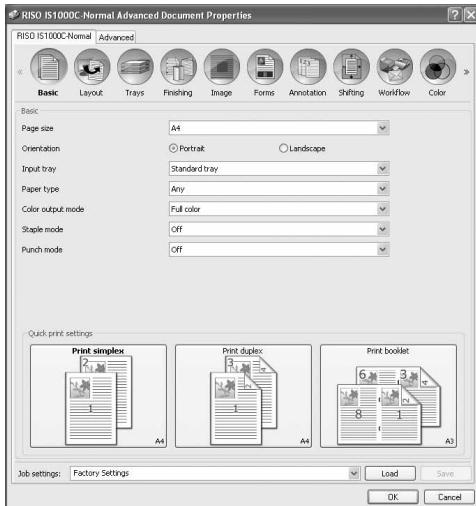
Note:

- The items vary according to the optional devices connected to the printer.
- Certain items—including the page size, orientation, mixed output size, and job settings / load—cannot be set when printing from a Macintosh computer.

List of Screens

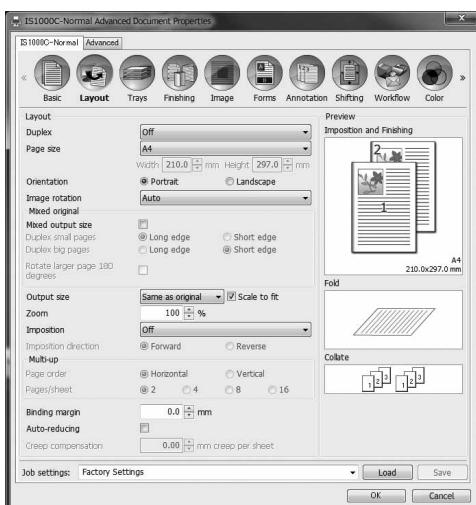
Driver setting screens are comprised of the following 12 screens.

[Basic] screen



Configures the settings for normal printing such as page size, orientation and paper type.
“Basic” [p.18](#)

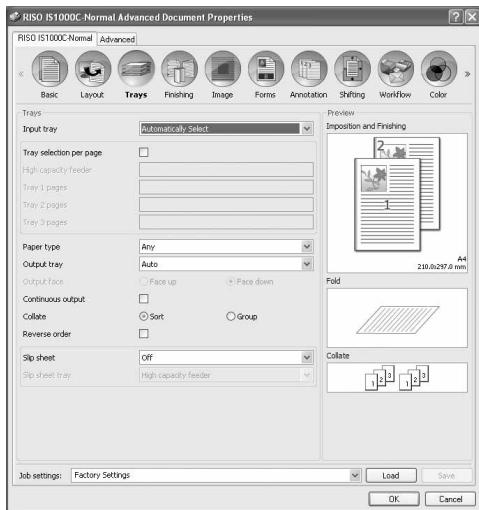
[Layout] screen



Configures the imposition method and enlargement / reduction rate for printing.
“Layout” [p.23](#)

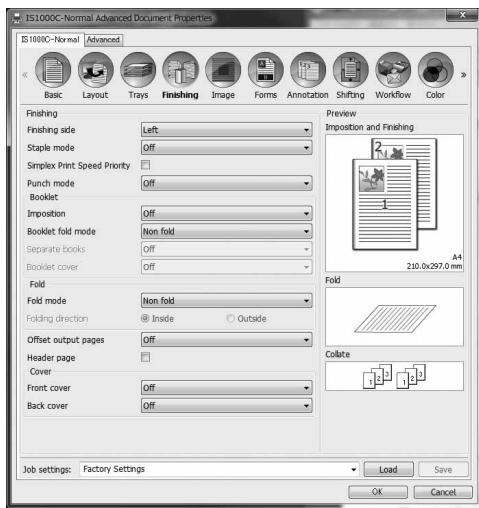
Printer Driver

[Trays] screen



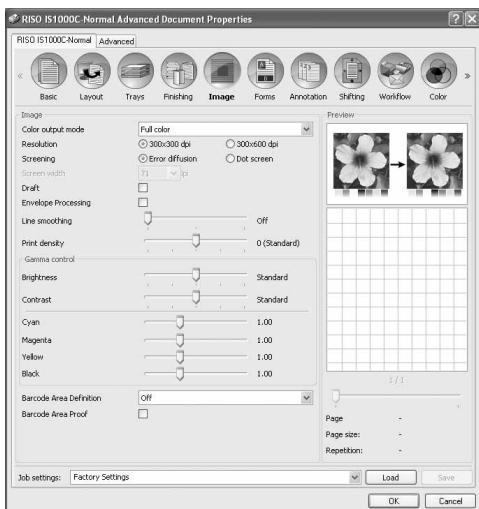
Selects the tray used when printing.
“Trays” p.33

[Finishing] screen



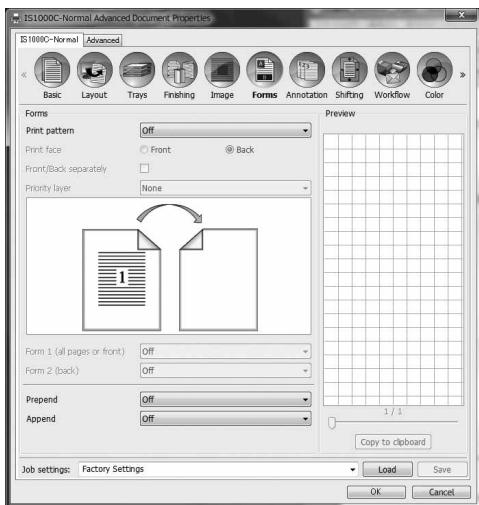
Configures the paper output settings such as collating.
“Finishing” p.37

[Image] screen



Adjusts the color output mode, resolution and screening.
“Image” p.51

[Forms] screen



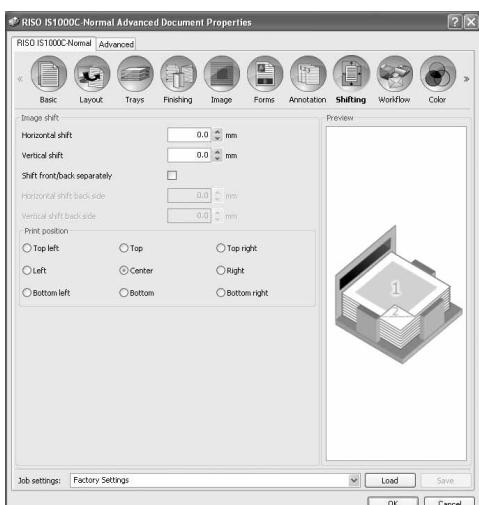
Prints output data overlaid on a form registered in the ComColorExpress IS1000C / IS950C.
“Forms” [p.57](#)

[Annotation] screen



Allows you to add header or footer text to output data when printing.
“Annotation” [p.63](#)

[Shifting] screen



Adjusts the vertical and horizontal margins of the original images.
“Shifting” [p.66](#)

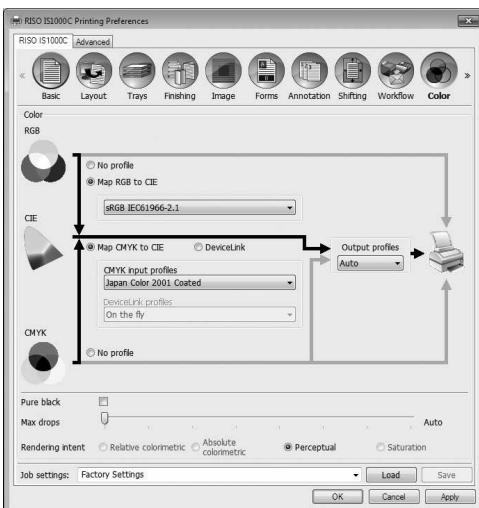
Printer Driver

[Workflow] screen



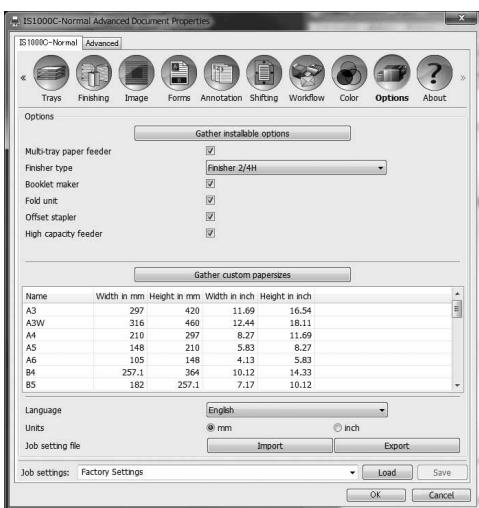
Configures the output destination of the original data, output operation and notification method.
“Workflow” [p.69](#)

[Color] screen



Selects rendering intent and color profile.
“Color” [p.75](#)

[Options] screen



Configures optional devices connected to printers, and registers custom paper sizes in the printer driver.
“Options” [p.78](#)

[About] screen



The version of the printer driver installed on the computer can be confirmed.
“About” [p.81](#)

[Job settings] list

Edited print settings can be added to the [Job settings] list.

- 1) Make the desired settings on each screen of the printer driver.
- 2) Select an [Unnamed] item from the [Job settings] list.
- 3) Enter a name.
- 4) Click the [Save] button.

The current settings will be saved using the entered name.

Note:

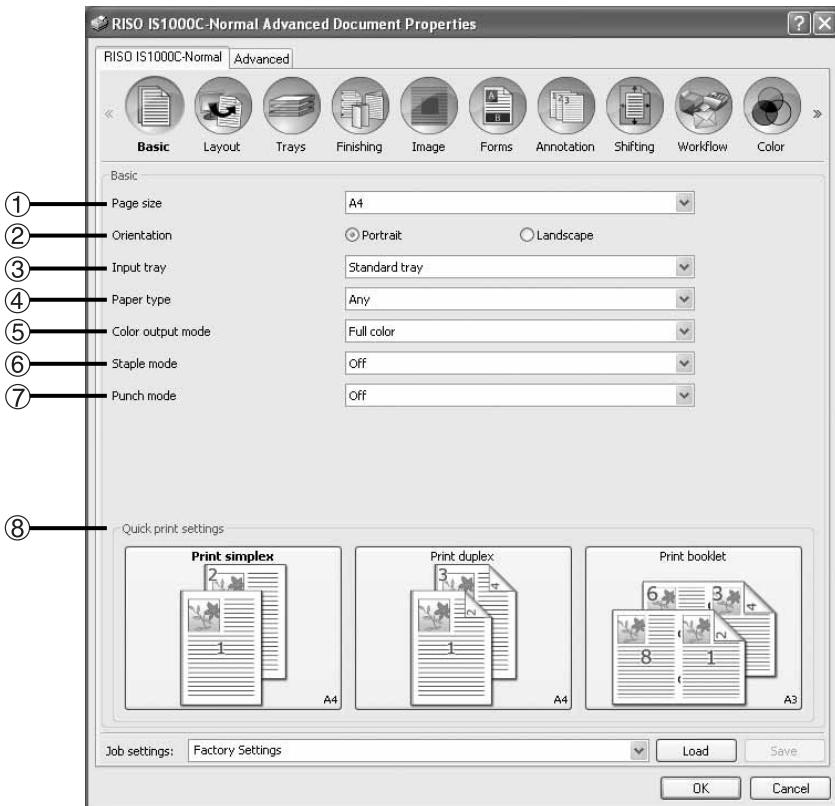
- Up to 10 customised settings can be registered.
- To load previously saved settings, select the desired settings in the [Job settings] list, then click the [Load] button.

Basic

Configures the settings for normal printing such as page size, orientation and paper type.

Note:

- For normal printing, configuration of settings can be completed in the [Basic] screen. When configuring more detailed print conditions, use other screens.



Settings

1) Page size

Selects the paper size specified by the application software when creating an original. ^①p.19

2) Orientation

Selects the orientation of printing the original. ^②p.20

3) Input tray^{*1}

Selects the tray holding the paper for printing. ^③p.20

4) Paper type

Selects the paper type. ^④p.21

5) Color output mode

Selects full color or single-color (black, cyan, or magenta) printing. ^⑤p.21

6) Staple mode^{*2}

Staples printed paper.
Finishing "Staple mode" ^⑥p.38

7) Punch mode^{*3}

Punches holes in printed paper.
Finishing "Punch mode" ^⑦p.41

8) Quick print settings

Selects a button for frequently used setting for originals to be printed. ^⑧p.22

*1 Not available when the printer has no multi-tray paper feeder.

*2 Staple mode is available when a Multifunction Finisher or a Face Down Offset Tray is connected.

*3 Punch mode is available when a Multifunction Finisher is connected.

For the Finisher settings, see "Options" ^⑨p.78

Page size

Selects the paper size specified by the application software. The default setting is **[A4]**.
The following paper sizes can be selected.

A3 / A3W / A4 / A5 / A6 / B4 / B5 / B6 /
 Foolscap / Legal / Letter / Maximum (340 mm (13 3/8") × 550 mm (21 5/8")) / Minimum (90 mm (3 9/16") × 148 mm (5 13/16")) / Statement / Tabloid /
 Postcard / Kaku 0 (287 mm (11 5/16") × 382 mm (15 1/16")) / Kaku 1 (270 mm (10 5/8") × 382 mm (15 1/16")) / Kaku 2 (240 mm (9 7/16") × 332 mm (13 1/16")) / Kaku 3 (216 mm (8 1/2") × 277 mm (10 7/8")) / Naga 3 (120 mm (4 3/4") × 235 mm (9 1/4")) / Naga 4 (90 mm (3 9/16") × 205 mm (8 1/16")) /
 C4 / C5 / C6 / DL-R / Envelope1 (9 × 12") / Envelope2 (10 × 13") / No.10 envelope /
 Custom paper size*1 / User defined size*2 / Temp. custom size

*1 Custom page size can be handled similarly as standard paper sizes using the function of the paper size registration provided by the OS.

*2 Controller setting size can be handled similarly as standard paper sizes by registering the size in the ComColor-Express IS1000C / IS950C in advance. Up to 10 customised sizes can be registered.

Note:

- When dealing with originals of varying size, you can print at the original size by checking **[Mixed output size]** in the **[Layout]** screen.
- With Macintosh computers, the paper size and the original print orientation specified by the application software when creating an original are automatically displayed. They cannot be set from the printer driver.
- When you frequently use irregular sizes, you can select them immediately from the pull-down menu if you register them in advance. Registered paper sizes are also displayed in **[Output size]** of the **[Layout]** screen.
For details on registering irregular sizes, refer to the separate manual, "Utility Guide".
You can use an unregistered irregular size by entering the width and length next to **[Page size]** in the **[Layout]** screen. ↗p.24
- When registering irregular paper sizes using the function of the paper size registration provided by the OS, register paper sizes at "Server Properties" in Windows. (When using a Macintosh, register irregular paper sizes at "Manage Custom Sizes".)

The method for registering irregular paper sizes at the "Server Properties" in Windows is described below.

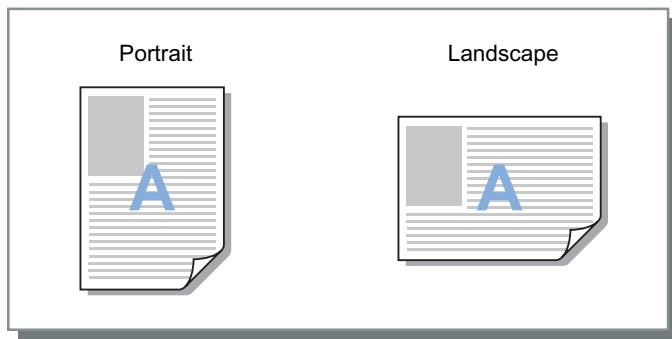
- 1) Open the **[Printers and Faxes]** dialog box from Control Panel.
 - 2) Select **[Server Properties]** from the **[File]** menu, and open the **[Printer Server Properties]** dialog box.
 - 3) Place a checkmark in **[Create a New Form]**.
 - 4) Enter the paper name and paper size, and click the **[Save Form]** button.
 - 5) Click the **[Close]** button.
- Regardless of the page size, there is a part that cannot be printed on the paper. For printable area, refer to the Printer's User's manual.

Orientation

Selects the orientation of printing the original. Select Portrait or Landscape according to the application software settings. The default setting is **[Portrait]**.

Note:

- With Macintosh computers, the paper size and the original print orientation specified by the application software when creating an original are automatically displayed. They cannot be set from the printer driver.
- Depending on the application software, the print orientation set in the application software may not work with the setting in the printer driver for the ComColorExpress IS1000C / IS950C. Confirm the orientation of the paper in the printer, and set the correct printing orientation in the printer driver.



Input tray

Selects the tray holding the paper for printing.

Settings

- Automatically select
The tray is automatically selected according to the settings of **[Paper type]** in the **[Basic]** screen and **[Output size]** in the **[Layout]** screen.

Important!:

- When no tray matches the output paper size, an error occurs and printing cannot be performed. The engine requests matching paper.
- Standard tray (or High Capacity Feeder)
The paper in the Standard tray is used for printing.
- Tray 1
The paper in Tray 1 is used for printing.
- Tray 2
The paper in Tray 2 is used for printing.
- Tray 3
The paper in Tray 3 is used for printing.

Note:

- If using a Macintosh computer, select from the **[Paper Feed]** dialog box accessed from the **[Print]** dialog box.
☞ p.10
- If you select Tray 1, Tray 2, Tray 3, or Standard Tray, originals are printed on the paper loaded in the selected tray regardless of the settings of **[Paper type]** in the **[Basic]** screen and **[Output size]** in the **[Layout]** screen.

Paper type

Selects the paper type. At the time of printing, ink quantity adjustment and image processing adequate for the selected paper type are performed.

Settings

- Any

Select when size is a priority.

The method used to process the image depends on the [Destination] setting in the [Workflow] screen.

[Print], [Print & archive], [Create Print Data]:

The image is processed according to the page setup (set for the printer) for the output tray, which is determined by the size of the original.

[Archive]:

The image is processed as [Plain], and saved.

Note:

- When [Print], [Print & archive] or [Create Print Data] is selected from [Destination] in the [Workflow] screen and the size of the paper loaded in the printer does not match the size of the print conditions, the image is processed as [Plain] and an error is displayed. If an error is displayed, load plain paper that matches the size of the print conditions.

- Plain
- IJ paper
- Matt coated
- High-quality
- Card-IJ

Color output mode

Selects full color or single-color (black, cyan, or magenta) printing.

Settings

- Auto

Color information is captured from the original, and the document is printed in color (CMYK) or single-color.

- Full color

Prints in color (CMYK).

- Black

Prints in black.

- Cyan

Prints in cyan (C) only.

- Magenta

Prints in magenta (M) only.

Quick print settings

Selects an appropriate printing setting for originals to be printed from three types of button. (Two types are available when Multifunction Finisher is not connected.)

Note:

- When this button is clicked, the display returns to the [**Print**] dialog box.
Settings which do not change when clicking a button should be set before selecting a quick print button.

Settings

- Print simplex
Simplex printing is performed.
The following settings are changed.
 - Imposition: Off
 - Duplex: Off
 - Booklet fold mode, Fold mode: Non fold
 - Output size: Same as original
- Print duplex
Duplex printing is performed.
The following settings are changed.
 - Imposition: Off
 - Duplex: Long edge
 - Booklet fold mode, Fold mode: Non fold
 - Output size: Same as original

Note:

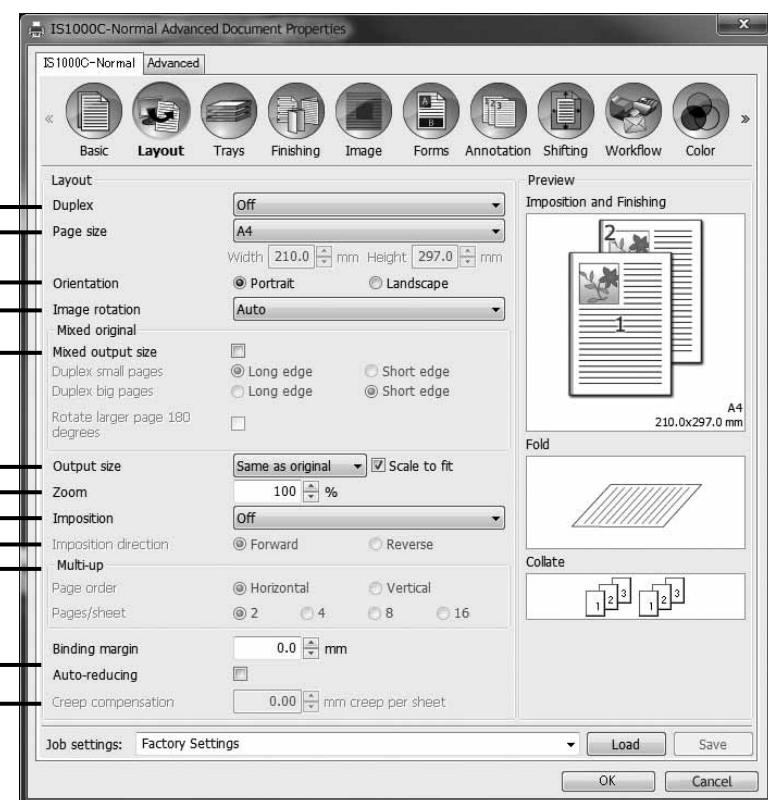
- Duplex printing is not available for envelopes.
- Print booklet
Prints using imposition, folds and staples the output to create a booklet.
The following settings are changed.
 - Imposition: Booklet
 - Booklet fold mode: Fold + staple
 - Output size: (equal to two times the size of [**Page size**])

Note:

- Not displayed if Booklet maker is disabled for the Multifunction Finisher.
For the Finisher settings, see “Options” [☞]p.78
- Set the imposition direction using [**Imposition direction**] in the [**Layout**] screen. [☞]p.30
- Pages without any data for printing will be empty.
- [**Print booklet**] is available only when A4, A5, B5, Letter or Statement is selected at [**Page size**].

Layout

Configures the imposition method and enlargement / reduction rate for printing.



Settings

1) Duplex

Selects whether or not to perform duplex printing.

2) Page size*1

Selects the paper size specified by the application software when creating an original.

Basic "Page size" [p.19](#)

You can also enter the size of irregular-sized paper.

[p.24](#)

3) Orientation*1

Selects the orientation of printing the original.

Basic "Orientation" [p.20](#)

4) Image rotation

Sets the print orientation of the original according to the paper. [p.25](#)

5) Mixed output size*2

If the size of the original varies from page to page, you can print each page on the appropriate sized paper. [p.26](#)

6) Output size

Selects the paper size for printing. [p.27](#)

7) Zoom

Specifies the enlargement / reduction rate for printing.

[p.27](#)

8) Imposition

Selects the type of imposition. [p.28](#)

9) Imposition direction

Specifies for the arrangement sequence of output pages. [p.30](#)

10) Multi-up

If [Multi-up (Plural)] is selected at [Imposition], set the arrangement of pages and the number of pages per sheet for imposition. [p.30](#)

11) Binding margin, Auto-reducing

Sets the binding margin width. [p.31](#)

12) Creep compensation

Sets the "Creep compensation value", which changes the binding margin in relation to the outer and inner pages.

*1 If you set [Page size] or [Orientation] in the [Basic] screen, settings are applied here.

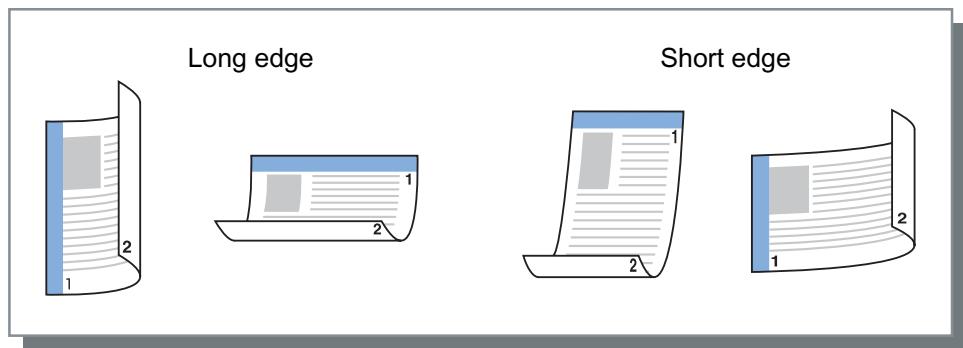
*2 This function cannot be used if the printer has no multi-tray paper feeder.

Duplex

Selects whether or not to perform duplex printing. When performing duplex printing, select the binding position.

Settings

- Off
Duplex printing is not performed.
- On
Duplex printing is performed. The binding position becomes the [**Mixed output size**] setting.
- Long edge
Duplex printing is performed. The long edge of the original becomes the binding position.
- Short edge
Duplex printing is performed. The short edge of the original becomes the binding position.



Note:

- If you set [**Imposition**] to [**Booklet**], [**Duplex**] is automatically set to [**Short edge**].
“**Imposition**” [p.28](#)
- If you set [**Imposition**] to [**Booklet 2-fold**], [**Duplex**] is automatically set to [**Long edge**].
“**Imposition**” [p.28](#)
- If you set [**Mixed output size**], the setting for [**Duplex**] changes to either [**ON**] or [**OFF**].
“**Mixed output size**” [p.26](#)
- Duplex printing is not available for envelopes.

Page size

The page size is determined by the setting in the [**Basic**] screen.

When using a standard paper size, select the paper size from the pull-down menu. [p.19](#)

When using an irregular-sized original that has not been registered, use the following method.

Select [**Temp. custom size**] from the pull-down menu, then enter [**Width**] and [**Height**].

Note:

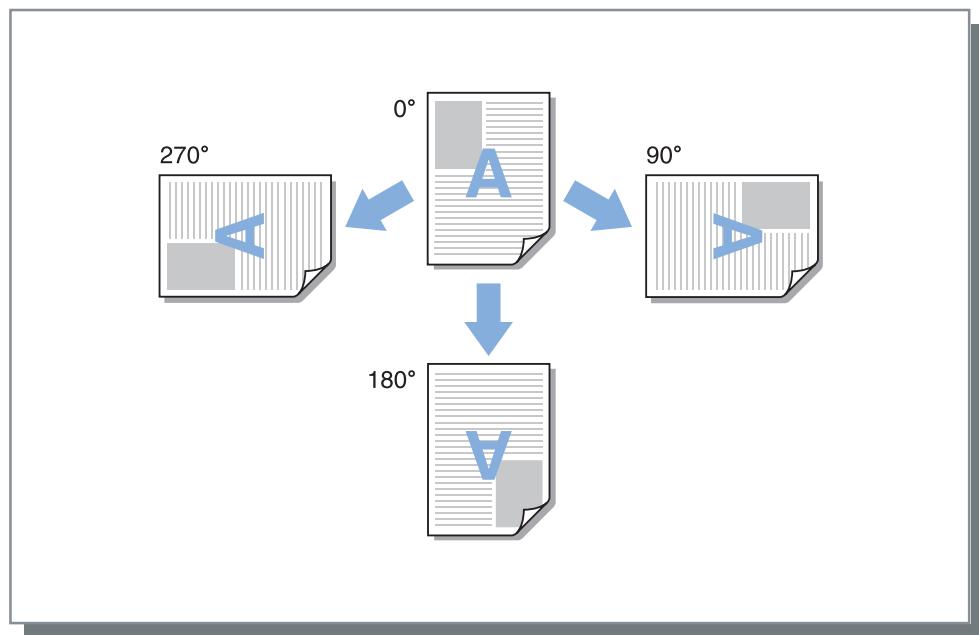
- Values entered here are not saved. Registering frequently used values is recommended.
For details on registering irregular sizes, refer to the separate manual, “Utility Guide”.

Image rotation

Sets the print orientation of the original relative to the paper. The default setting is [**Auto**].

Settings

- Auto
Automatically sets the print orientation according to the original data orientation and orientation of the paper in the paper tray.
- 0 degrees / 90 degrees / 180 degrees / 270 degrees
Rotates the print orientation to the setted angle.



Note:

- Set the rotation angle when aligning the print orientation relative to paper that has a specific feed orientation, such as envelopes.
- Depending on the original size, paper size, orientation, and finisher type setting, only [**Auto**] may be available.

Mixed output size

If the size of the original varies from page to page, you can print each page on the appropriate sized paper. You can also set the binding position for big pages and small pages when performing joint duplex printing.

Settings

- Duplex small pages
 - Long edge
Set duplex printing for small pages. The long side of the original becomes the binding position.
 - Short edge
Set duplex printing for small pages. The short side of the original becomes the binding position.
- Duplex big pages
 - Long edge
Set duplex printing for big pages. The long side of the original becomes the binding position.
 - Short edge
Set duplex printing for big pages. The short side of the original becomes the binding position.
- Rotate larger page 180 degrees
Rotate the printing direction of big pages by 180 degrees.

Note:

- The Mixed output size function cannot be used in conjunction with the [**Imposition**], [**Booklet fold mode**], [**Fold mode**], [**Zoom**], [**Offset output pages**], [**Tray selection per page**], [**Staple mode**], [**Punch mode**], [**Front cover**], or [**Back cover**] function.
- Duplex printing is available only when printing continuous pages of the same size.
- Settings for Big pages and Small pages are as follows.
Big pages: A3, B4, Tabloid
Small pages: All sizes other than big pages.
- For jobs in which original sizes are mixed, you cannot print to a High Capacity Stacker. Change the tray setting.

Output size

Selects the paper size for printing. Paper sizes are automatically enlarged or reduced to correspond with the output size when the two sizes vary by placing a checkmark in **[Scale to fit]**.

The following paper sizes can be selected. The default setting is **[Same as original]**.

Same as original / A3 / A3W / A4 / A5 / A6 / B4 / B5 / B6 /
 Foolscap / Legal / Letter / Maximum (340 mm (13 3/8") × 550 mm (21 5/8")) / Minimum (90 mm (3 9/16") × 148 mm (5 13/16")) / Statement / Tabloid /
 Postcard / Kaku 0 (287 mm (11 5/16") × 382 mm (15 1/16")) / Kaku 1 (270 mm (10 5/8") × 382 mm (15 1/16")) / Kaku 2 (240 mm (9 7/16") × 332 mm (13 1/16")) / Kaku 3 (216 mm (8 1/2") × 277 mm (10 7/8")) / Naga 3 (120 mm (4 3/4") × 235 mm (9 1/4")) / Naga 4 (90 mm (3 9/16") × 205 mm (8 1/16")) /
 C4 / C5 / C6 / DL-R / Envelope1 (9 × 12") / Envelope2 (10 × 13") / No.10 envelope /
 Custom paper size*1 / User defined size*2 / Temp. custom size

*1 Custom page size can be handled similarly as standard paper sizes using the function of the paper size registration provided by the OS.

*2 Controller setting size can be handled similarly as standard paper sizes by registering the size in the ComColor-Express IS1000C / IS950C in advance. Up to 99 customised sizes can be registered.

Note:

- When you frequently use irregular sizes, you can select them immediately from the pull-down menu if you register them in advance.
 For details on registering irregular sizes, refer to the separate manual, "Utility Guide".
 When using irregular-sized paper that has not been registered, use the following method (Windows users only).
 - 1) Select **[Postscript Custom Page Size]** from the **[Page size]** pull-down menu, and enter the desired size for **[Width]** and **[Height]**.
 - 2) Select **[Postscript Custom Page Size]** from the **[Output size]** pull-down menu.
- When registering irregular paper sizes using the function of the paper size registration provided by the OS, register paper sizes at "Server Properties" in Windows. (When using a Macintosh, register irregular paper sizes at "Manage Custom Sizes".)
 The method for registering irregular paper sizes at the "Server Properties" in Windows is described below.
 - 1) Open the **[Printers and Faxes]** dialog box from Control Panel.
 - 2) Select **[Server Properties]** from the **[File]** menu, and open the **[Printer Server Properties]** dialog box.
 - 3) Place a checkmark in **[Create a New Form]**.
 - 4) Enter the paper name and paper size, and click the **[Save Form]** button.
 - 5) Click the **[Close]** button.

Zoom

Specifies the enlargement / reduction rate for printing in %. You can specify the enlargement / reduction rate from 1% to 1000%. The default setting is **[100]%**.

The zoom rate you specify is applied after the output size is enlarged / reduced to fit the page.

Note:

- You cannot use this function if **[Imposition]** is set to **[Booklet]**, **[Booklet 2-fold]**, **[Multi-up (Plural)]** or **[Multi-up (Single)]**.
- If you select **[Same as original]** from **[Output size]**, an original is printed onto the paper that is the same as the page size.
- This function cannot be used in conjunction with the Mixed output size function.

Imposition

Selects the type of imposition.

Note:

- You cannot use the [Zoom] function if [Imposition] is set to [Booklet], [Booklet 2-fold], [Multi-up (Plural)] or [Multi-up (Single)].
- This function cannot be used in conjunction with the Mixed output size function.

Settings

- Off

No imposition.

- Booklet

Imposition and printing so that multiple continuous pages can be centre bound after duplex printing is performed. Two pages are printed on each side of the sheet.

Set right opening / left opening using [Imposition direction]. "Imposition direction" [☞]p.30

Note:

- If the Booklet maker function of Multifunction Finisher is enabled and you select [Booklet], [Duplex] in the [Layout-out] screen is automatically set to [Short edge], and [Booklet fold mode] in the [Finishing] screen is automatically set to [Fold + staple].
- Pages without any data for printing will be empty.

- Booklet 2-fold

Multiple continuous pages are imposed and printed so that a book can be obtained by folding in two (crosswise) after duplex printing, binding, and edge cutting. Four pages are printed on each side of the sheet.

Set right opening / left opening using [Imposition direction]. "Imposition direction" [☞]p.30

Note:

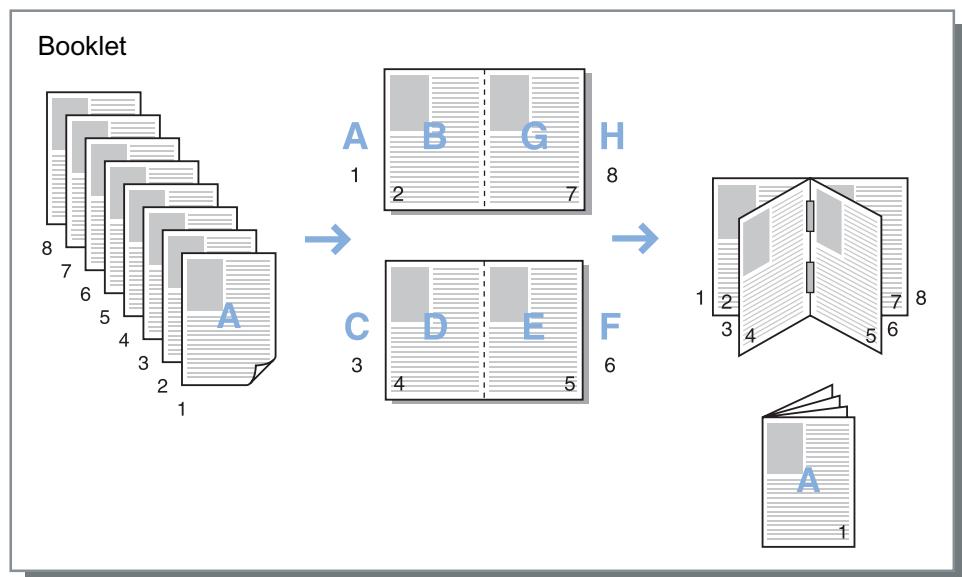
- If you select [Booklet 2-fold], [Long edge] is automatically selected for [Duplex].
- Pages without any data for printing will be empty.

- Multi-up (Plural)

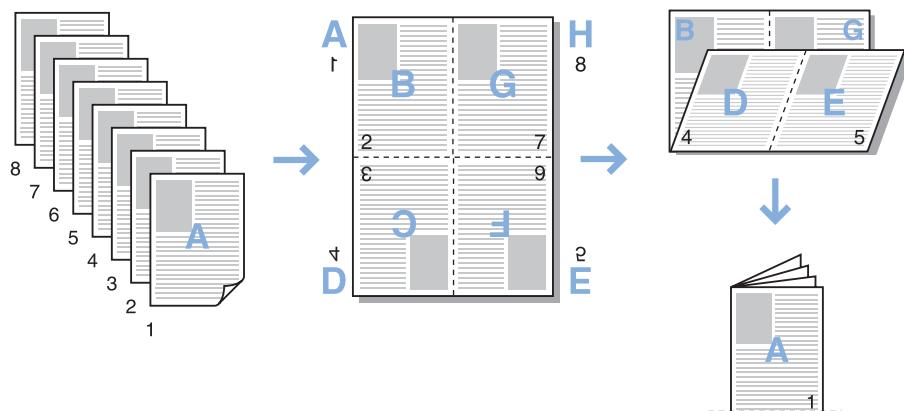
Multiple continuous pages are arranged in page order on one sheet of paper. Set the number of pages using [Pages/sheet]. Set the page order using [Imposition direction]. "Imposition direction" [☞]p.30

- Multi-up (Single)

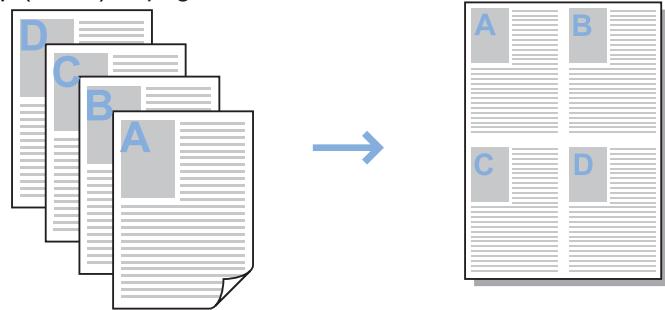
Multiple copies of the same page are arranged on one sheet of paper. Set the number of pages using [Pages/sheet].



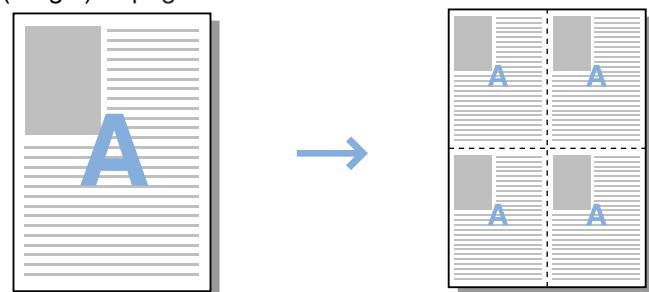
Booklet 2-fold: Forward



Multi-up (Plural): 4-page / Horizontal



Multi-up (Single): 4-page



Imposition direction

Specifies for the arrangement sequence of output pages when [Imposition] is set to [Multi-up (Plural)], [Booklet], or [Booklet 2-fold].

Settings

- Forward
Pages are arranged from left to right.
Booklet and Booklet 2-fold open on the left.
- Reverse
Pages are arranged from right to left.
Booklet and Booklet 2-fold open on the right.

Multi-up

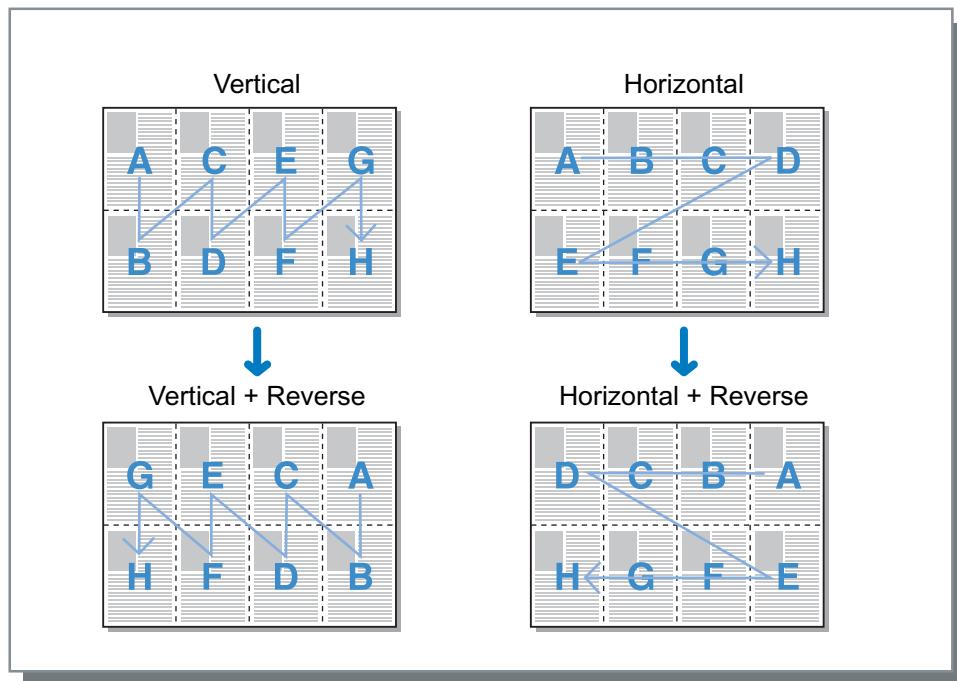
If [Multi-up (Plural)] is selected at [Imposition], set the arrangement of pages and the number of pages per sheet for imposition.

Settings

- Page order
 - Horizontal
Pages are arranged in the horizontal order sequentially.
 - Vertical
Pages are arranged in the vertical order sequentially.

Note:

- If [2] is selected for [Pages/sheet], you cannot select [Page order].



- Pages/sheet
If [Multi-up (Plural)] or [Multi-up (Single)] is selected at [Imposition], set the number of pages per sheet for imposition. 2, 4, 8, or 16 pages/sheet can be selected. The default setting is 2 pages/sheet.

Note:

- If [Booklet] or [Booklet 2-fold] is selected at [Imposition], the number of pages per sheet need not be selected. The number is automatically set.

Binding margin

Sets the binding margin width.

Settings

- Binding margin

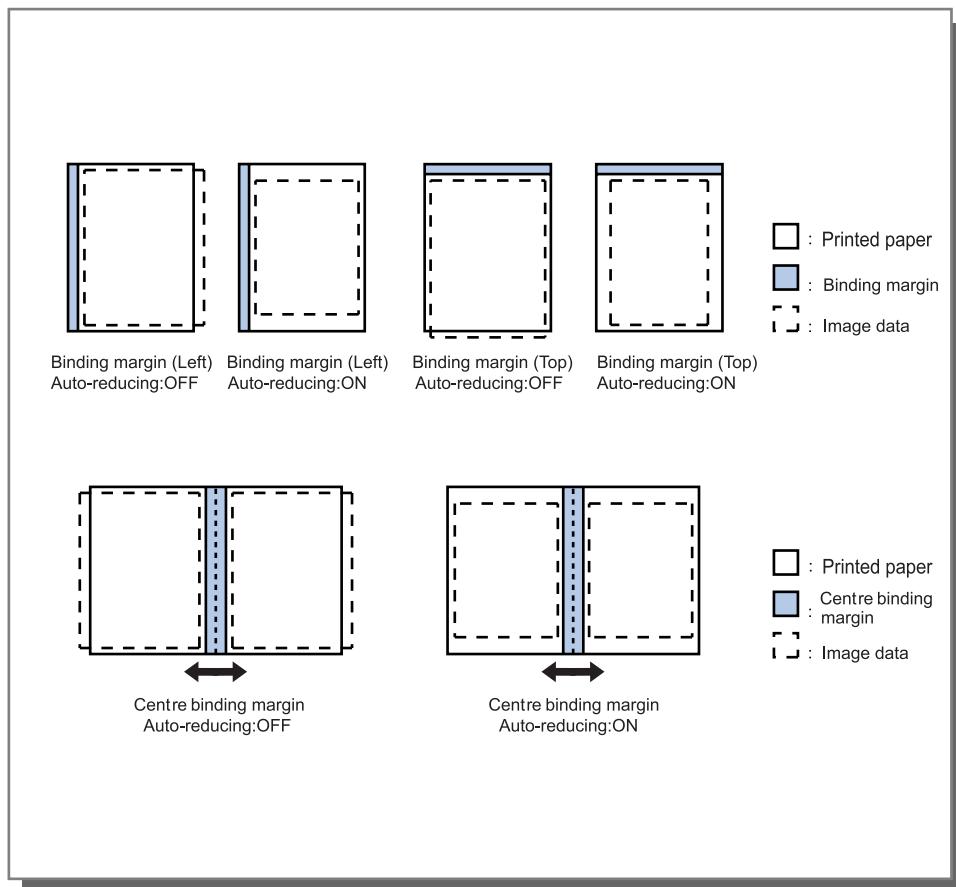
The binding margin width can be set from 0 mm (0") to 50.8 mm (2") in 0.1 mm (0.01") increments.

- Auto-reducing

If you place a checkmark in **[Auto-reducing]**, any image that is not included in the image area because of the margin width will be automatically reduced so that the image is included in the image area of the paper.

Note:

- The binding margin is added to the side set at **[Finishing side]** in the **[Finishing]** screen.
Finishing "Finishing side" ↪ p.38
- If **[Imposition]** is set to **[Booklet]**, the width of the centre binding margin can be set.
- You cannot use this function if **[Imposition]** is set to **[Booklet 2-fold]**.
"Imposition" ↪ p.28



Creep compensation

When creating a booklet, the edges of outer and inner sheets of bound paper (the fore edges) do not align neatly due to the thickness of the paper. Cutting the paper in this state results in inner sheets that have smaller margins from their edges. Adjusting the binding margin becomes necessary as the number of pages increases.

“Creep compensation” mode moves the binding margin in the direction of the binding for inner pages in relation to the value you specify.

Note:

- With this mode for binding already-printed paper, when you set the outer page as a baseline and cut the page fore edges, the fore edge margin amounts align neatly.

Settings

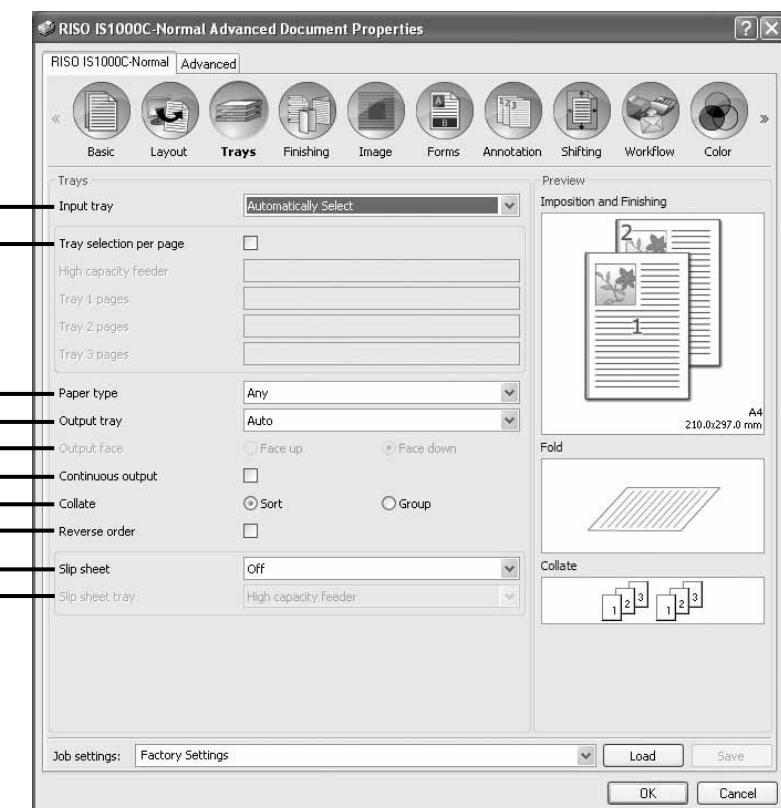
Creep compensation: () 0.00 to 2.00 mm (1/16") (adjustments can be made in units of 0.01 mm (0.0004") per page)

Determining the creep compensation value

- 1) Prepare the number of pages needed for printing; this number equals the total number of pages in your print data.
- 2) Fold the pages you prepared in two, and using the outer page as a baseline, cut the paper so that the fore edges align.
- 3) Open the folded pages, and measure the lengths of the outermost page and innermost page. The inner page will be shorter in relation to the amount of pages you cut. Use this difference for the “full book compensation amount”.
- 4) Divide the value from step 3 by the number of pages. This is the value for “Creep compensation value”.

Trays

Selects the tray used when printing.



Settings

1) Input tray*^{1*5}

Selects the tray holding the paper for printing. Basic “Input tray” ^{p.20}

2) Tray selection per page*⁴

You can select a different tray for each page. ^{p.34}

3) Paper type*¹

Selects the paper type. Basic “Paper type” ^{p.21}

4) Output tray*²

Specifies the destination tray. ^{p.35}

5) Output face*³

Selects whether to output pages face-up or face-down to the selected tray.

6) Continuous output*⁴

If the output tray becomes full while printing, another output tray is used automatically. ^{p.35}

7) Collate

Selects whether multiple pages are printed as sets of pages, or printed in groups of individual pages. ^{p.36}

8) Reverse order

Prints originals in reverse order. ^{p.36}

9) Slip sheet*⁵

Inserts a sheet of paper from a tray different to the tray holding the paper being printed as a slip sheet. ^{p.36}

10) Slip sheet tray*⁵

Selects the tray containing the paper for finishing. ^{p.36}

*1 [Input tray] and [Paper type] are determined by the settings in the [Basic] screen.

*2 This function is available when a Multifunction Finisher, Auto-control Stacking Tray, Wide Stacking Tray or High Capacity Stacker is connected.

*3 This function is available when a Multifunction Finisher or High Capacity Stacker is connected.

*4 This function is available when a Multifunction Finisher, Auto-control Stacking Tray or High Capacity Stacker is connected.

For the Finisher settings, see “Options” ^{p.78}

*5 Not available when the printer has no multi-tray paper feeder.

Tray selection per page

You can select a different tray for each page.

Use commas to separate individual page numbers (e.g., 1, 2, 3), and hyphens to indicate page ranges (e.g., 1-10).

Pages for which a tray has not been specified are printed using the tray selected for **[Input tray]**.

For the specified pages, images are processed according to the tray's paper type.

Settings

- **Tray selection per page**
By adding a checkmark, you can select a different tray for each page.
- **Standard tray (or High Capacity Feeder)**
Specify the pages to be printed from the Standard tray.
- **Tray 1 pages**
Specify the pages to be printed from Tray 1.
- **Tray 2 pages**
Specify the pages to be printed from Tray 2.
- **Tray 3 pages**
Specify the pages to be printed from Tray 3.

Setting example:

A 15-page original can be printed to the trays you specify.

For specifying pages to print to individual trays, separate page numbers with a comma.

For specifying a range of pages, separate the numbers in the range with a hyphen.

Input example	Setting value
Standard tray (High Capacity Feeder)	1,5
Tray 1	6-10
Tray 2	11,13,15
Tray 3	12

Page numbers 1 and 5 are printed from the standard tray (High Capacity Feeder), pages 6-10 are printed from Tray 1, pages 11, 13 and 15 are printed from Tray 2, page 12 is printed from Tray 3, and pages 2-4 and 14 that were given no tray specification will be printed from the the tray you set for **[Input tray]**.

Note:

- The Tray selection per page function cannot be used in conjunction with the **[Imposition]**, **[Booklet fold mode]**, **[Fold mode]**, **[Job delegation]**, **[Offset output pages]***, **[Mixed output size]**, **[Front cover]**, and **[Back cover]** functions.

* However, this function can only be used in conjunction with **[Offset output pages]** when the High Capacity Stacker is connected.

Output tray

Specifies the destination tray. The default setting is **[Auto]**.

Settings

- Auto
Outputs paper automatically from a proper tray according to the setting of Multifunction Finisher functions.
If an Auto-control Stacking Tray, Wide Stacking Tray or High Capacity Stack is connected, the output tray is determined by the printer's administrator settings (the output tray in each mode).
Normally, set **[Auto]**.
- Face down tray
Paper is output from the Face Down Offset Tray.
- Top tray
Paper is output from the top tray of the Multifunction Finisher.
- Stacker
Selects this tray when printing 500 or more sheets, and not using other than the staple function.
The paper size that can be output to the Stacking Tray is 90 mm (3 9/16") × 148 mm (5 13/16") to 316 mm (12 7/16") × 460 mm (18 1/8"). (For stapling: (203 mm (8") × 182 mm (7 3/16") to 297 mm (11 11/16") × 432 mm (17"))

Note:

- The stacking tray cannot be selected when **[Fold mode]** is set to **[2-Fold]**, or when **[Imposition]** is set to **[Booklet]** in the **[Layout]** screen.

Note:

- The output tray function is available when a Multifunction Finisher, Auto-control Stacking Tray, Wide Stacking Tray or High Capacity Stack is connected.
For the Finisher settings, see "Options" p.78
- When an Auto-control Stacking Tray or Wide Stacking Tray is connected, the settings become **[Auto]**, **[Face down tray]**, **[Auto-control stacking tray]**, or **[Wide stacking tray]**.
When outputting to an Auto-control Stacking Tray or Wide Stacking Tray, select **[Auto-control stacking tray]** or **[Wide stacking tray]**.
- Settings when the High Capacity Stack is connected become **[Auto]**, **[Face down tray]** and **[High capacity stacker]**. When you want to output from the High Capacity Stack, select **[High capacity stacker]**.

Output face

Selects whether to output pages face-up or face-down to the selected tray.

Settings

- Face up
Print face-up.
- Face down
Print face-down.

Note:

- This can be set if the output tray is set to **[Stacking tray]** or **[High capacity stacker]**.

Continuous output

If the output tray becomes full while printing when **[Collate]** is set to **[Group]** or **[Output tray]** is set to **[Auto]**, another output tray is used automatically.

Note:

- Continuous output mode is available when a Multifunction Finisher, Auto-control Stacking Tray or High Capacity Stack is connected.
For the Finisher settings, see "Options" p.78

Collate

Selects whether multiple pages are printed as sets of pages, or printed in groups of individual pages.

Settings

- Sort
Sorts and prints multiple pages as sets of pages.
- Group
Groups and prints individual pages.

Note:

- You cannot use [Continuous output] if [Collate] is selected.

Reverse order

Prints originals in reverse order when [Reverse order] is checked.

Slip sheet

During printing, insert a sheet of paper from a tray different to the tray holding the paper being printed as a slip sheet. The insertion timing for slip sheets is set here. The tray used for slip sheets can be selected using [Slip sheet tray].

Settings

- Off
Slip sheet is not inserted.
- Between jobs
Slip sheet is inserted between jobs.
- Between sets
A slip sheet is inserted after each set or group is printed.

Note:

- Cannot be used with Fold (2-Fold).
- When Punch mode is used, the slip sheet is not punched.

Slip sheet tray

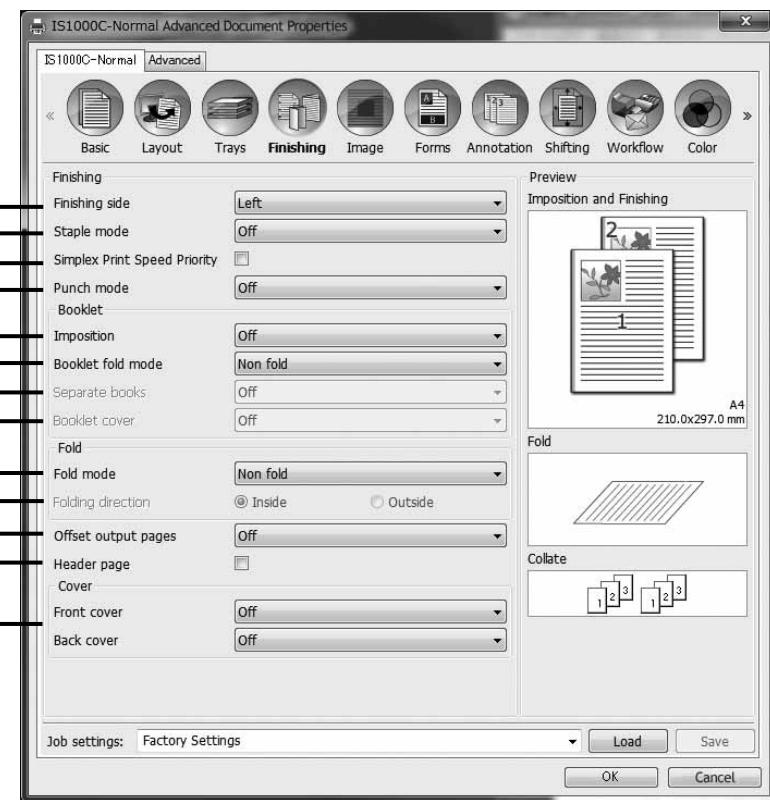
Selects the tray containing paper to be used for slip sheets.

Settings

- Standard tray (or High Capacity Feeder)
The paper in the Standard tray is used for slip sheets.
- Tray 1
The paper in Tray 1 is used for slip sheets.
- Tray 2
The paper in Tray 2 is used for slip sheets.
- Tray 3
The paper in Tray 3 is used for slip sheets.

Finishing

Configures the paper output settings such as collating.



Settings

1) Finishing side^{*1}

Specifies the finishing side for stapling or hole-punching.
☞ p.38

2) Staple mode^{*2}

Staples printed paper. ☞ p.38

3) Simplex Print Speed Priority^{*1}

Outputs stapled simplex pages face-up when you want to prioritize processing speed.

4) Punch mode^{*1*2}

Punches holes in printed paper. ☞ p.41

5) Imposition^{*3}

Selects the type of imposition.
Layout "Imposition" ☞ p.28

6) Booklet fold mode^{*4}

Outputs booklets with 2 folds. ☞ p.43

7) Separate books

Splits a booklet into multiple books when making a booklet. ☞ p.44

8) Booklet cover^{*5}

Prints and outputs cover pages and other pages separately. ☞ p.45

9) Fold mode^{*4}

Outputs paper with 2 folds. ☞ p.46

10) Folding direction

Selects a paper folding direction. ☞ p.47

11) Offset output pages^{*6}

Shifts the position of each copy during output.

12) Header page

Prints a header page that includes information such as the user name of the user who is printing, etc., with the printed pages. ☞ p.49

13) Front cover, Back cover^{*5}

Selects the tray containing the paper used for covers. ☞ p.49

^{*1} This function is available when a Multifunction Finisher is connected.

^{*2} [Staple mode] and [Punch mode] are determined by the settings in the [Basic] screen.

^{*3} [Imposition] is determined by the settings in the [Layout] screen.

^{*4} This function is available when the Booklet maker function of the Multifunction Finisher is enabled.

^{*5} Not available when the printer has no multi-tray paper feeder.

^{*6} This function is available when a Multifunction Finisher, Face Down Offset Tray or High Capacity Stacker is connected.

For details on the Multifunction Finisher and Face Down Offset Tray, see "Options" ☞ p.78.

Finishing side

Specifies the finishing side for stapling or hole-punching. The default setting is [**Left**].

Settings

- Left
Sets finishing side to the left side.
- Top
Sets finishing side to the top.
- Right
Sets finishing side to the right side.

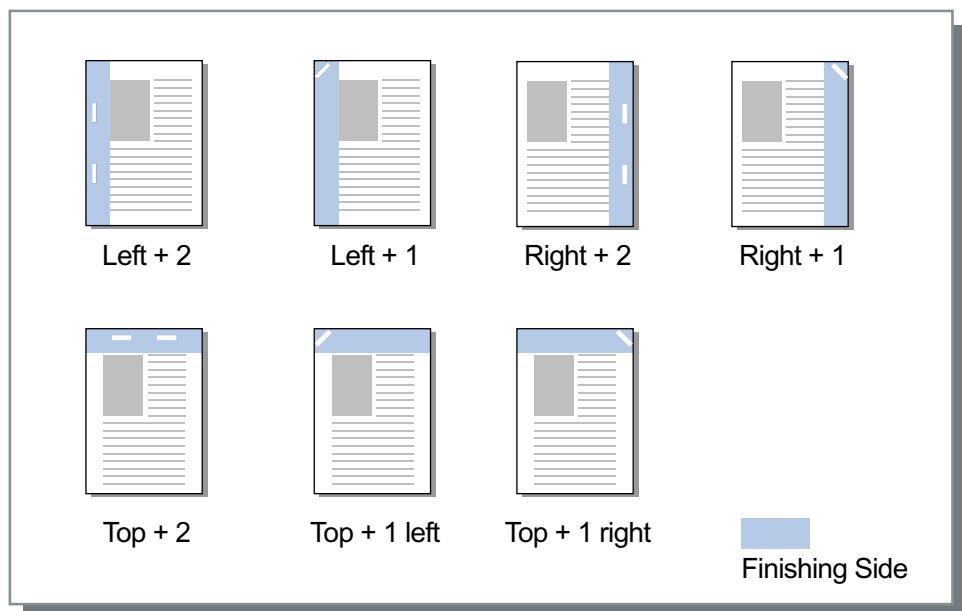
Staple mode

Staples printed paper. Select the staple location. The default setting is [**Off**].

Settings

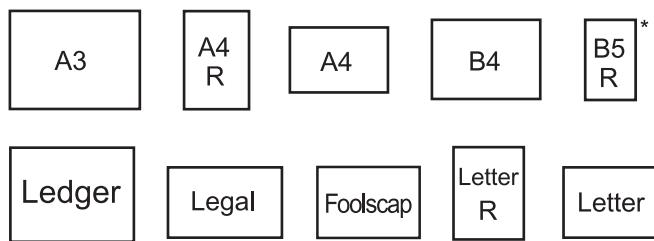
- Off
- 2
- 1*

* When [**Finishing side**] is set to [**Top**], the setting item [1] becomes [**1 left**] or [**1 right**].



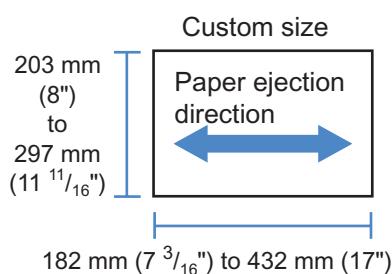
Paper that can be used for stapling

- Paper size



* Only when using the Face Down Offset Tray.

< When using the Multifunction Finisher >



- Paper weight
52g/m² (14-lb bond) - 162g/m² (43-lb bond); for paper over 162g/m² (43-lb bond), 1 sheet can be used as a cover sheet
- Maximum number of sheets for stapling
For standard-size paper sheets
For A4, A4-R, B5-R, Letter, and Letter-R: 2 to 100 sheets*
For standard sizes other than those above: 2 to 65 sheets*

* For 85g/m² (23-lb bond) paper

For custom-size paper sheets

For lengths exceeding 297 mm: 2 to 65 sheets

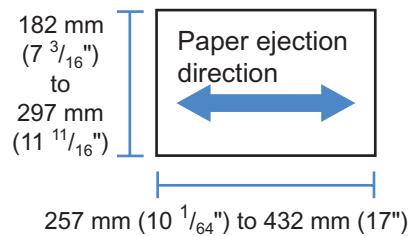
For both widths and lengths exceeding 216 mm: 2 to 65 sheets

For custom sizes other than those above: 2 to 100 sheets

– When using the types of paper below, 2 to 65 pages can be stapled.

Irregular-sized paper with width in the paper ejection direction of 216 mm (8 1/2") or more

< When using the Face Down Offset Tray >



- Paper weight
52g/m² to 210g/m²
- Maximum number of sheets for stapling
For standard-size paper sheets
A4, A4-R, B5, B5-R, Letter, and Letter-R: 2 to 50 sheets*
For standard sizes other than those above: 2 to 25 sheets*
* For 85g/m² (23-lb bond) paper
 - Custom-size paper sheets cannot be stapled.

Note:

- If the number of sheets exceeds the maximum number for stapling, printed sheets are output to the Stacking Tray without stapling.
- Staple mode is available when a Multifunction Finisher or a Face Down Offset Tray is connected.
For the Finisher settings, see “Options” p.78
- Set the finishing side for stapling at **[Finishing side]**.
- If you set **[Staple mode]** in the **[Basic]** screen, the setting is applied here. Basic “Staple mode” p.38
- You cannot use this function if **[Imposition]** is set to **[Booklet]** or **[Booklet 2-fold]**.
- You cannot use this function if **[Fold mode]** is set to **[2-Fold]**.
- Staple mode cannot be used in conjunction with the **[Continuous output]** and **[Mixed output size]** functions.
- When using a Face Down Offset Tray, the offset output pages function and staple mode cannot be used at the same time.

Simplex Print Speed Priority

Set this to **[On]** when using staple mode and you want to prioritize finishing speed. Because pages are output face-up, the points of the staples will come out of the top page. Set this when you want to prioritize speed over presentation.

The default setting is **[Off]**.

Note:

- Simplex Print Speed Priority mode is available when a Multifunction Finisher is connected. For details on the Finisher settings, see “Options” p.78.

Punch mode

Punches holes in printed paper. The default setting is [Off].

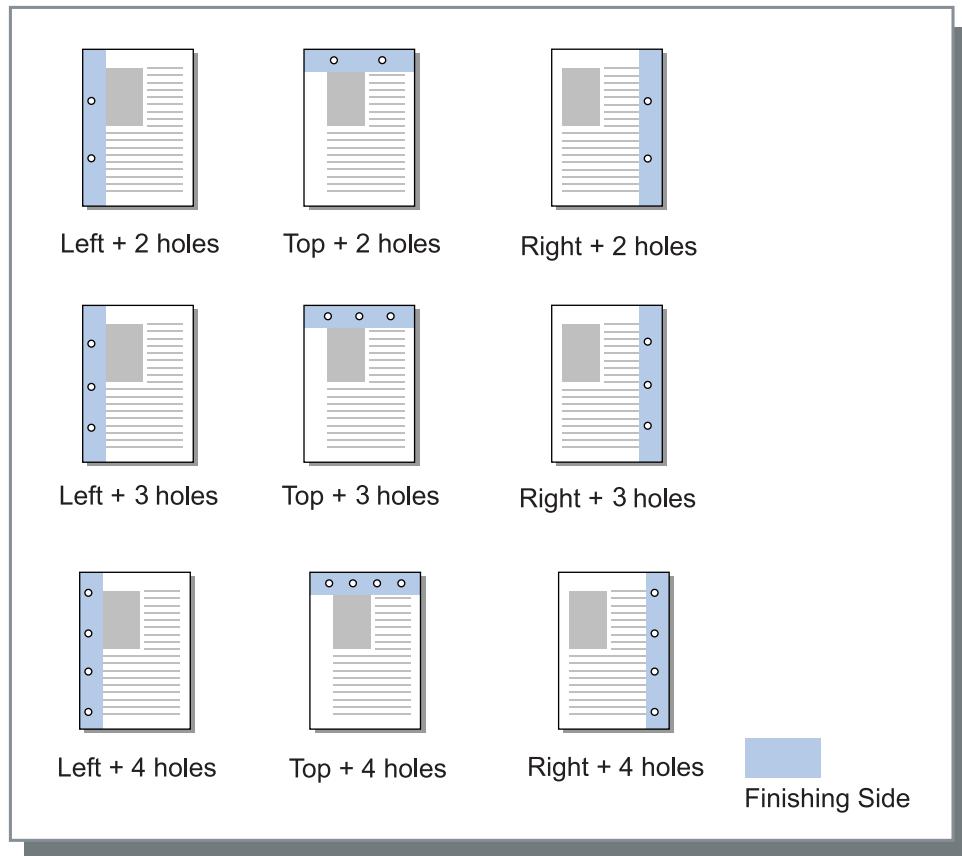
Settings

Finisher type: for 2/3 holes

- Off
- 2 holes
- 3 holes

Finisher type: for 2/4 holes

- Off
- 2 holes
- 4 holes



Paper that can be punched

- Paper size

Punching holes	Paper size					
2 holes	 					
3 holes						
4 holes						

- Paper weight
52g/m² (14-lb bond) - 200g/m² (53-lb bond)

Note:

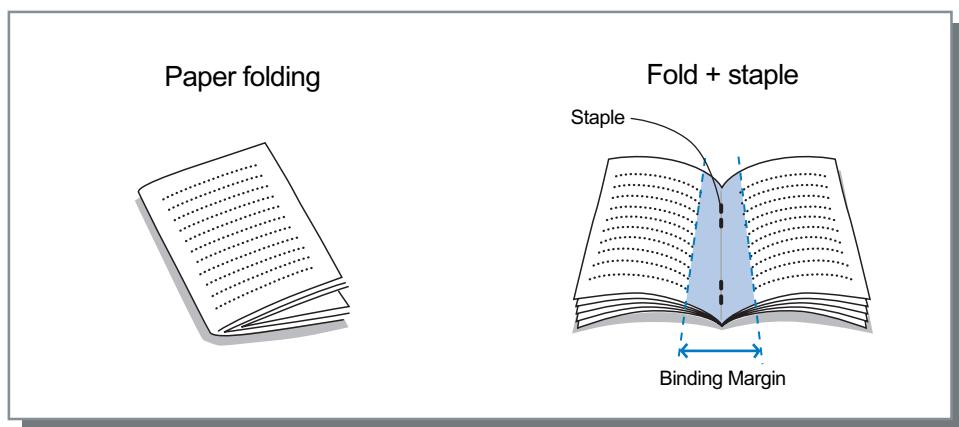
- Punch mode is available when a Multifunction Finisher is connected.
For the Finisher settings, see "Options" [☞]p.78
- Set the finishing side for punching at [Finishing side]. "Finishing side" [☞]p.38
- You cannot use this function if [Imposition] is set to [Booklet] or [Booklet 2-fold].
- If you set [Punch mode] in the [Basic] screen, the setting is applied here. Basic "Punch mode" [☞]p.41
- The slip sheet is not punched when [Slip sheet] in the [Trays] screen is set to [Between jobs] or [Between sets].
- You cannot use this function if [Fold mode] is set to [2-Fold].
- Punch mode cannot be used in conjunction with [Mixed output size].

Booklet fold mode

Outputs booklets with two folds. The default setting is [Non fold].

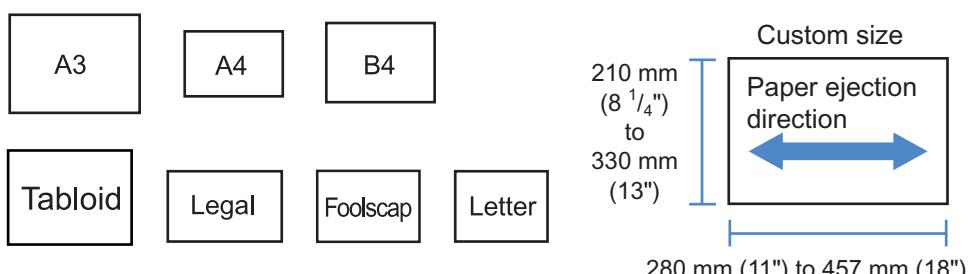
Settings

- Non fold
Paper fold is not performed.
- Paper folding
Creates booklets by folding continuous multiple pages in two.
Booklets are output up to a maximum of 5 sheets. “Separate books” [☞]p.44
- Fold + staple
Creates booklets by folding paper in two and binding at the centre.
The folding portion can be stapled.
Booklets are output up to a maximum of 15 sheets. “Separate books” [☞]p.44



Paper that can be used for booklets

- Paper size



When using custom-size paper, do not allow the vertical length of the paper to be longer than the horizontal length.

- Paper weight
60g/m² (16-lb bond) - 90g/m² (24-lb bond); for paper over 90g/m² (24-lb bond), 1 sheet can be used as a cover sheet)
- Maximum stapling capacity
The capacity is 60 pages (15 sheets) in total including covers.

Note:

- Booklet fold mode is available when a Multifunction Finisher's binding function is activated.
For the Finisher settings, see “Options” [☞]p.78
- It can be used even when [Booklet] is not selected for [Imposition] in the [Layout] screen.
- This function cannot be used in conjunction with the Mixed output size function.

Separate books

Splits a booklet into multiple books when making a booklet. If [**Imposition**] is set to [**Off**], you can specify the number of sheets of Separate books. The default setting is [**Off**].

Settings

- Off
Does not perform Separate books.

If [**Imposition**] is set to [**Booklet**]

- Auto
When [**Booklet fold mode**] is set to [**Fold + staple**], books are output in units of 15 sheets (60 pages). When [**Booklet fold mode**] is set to [**Paper folding**], books are output in units of 5 sheets (20 pages).

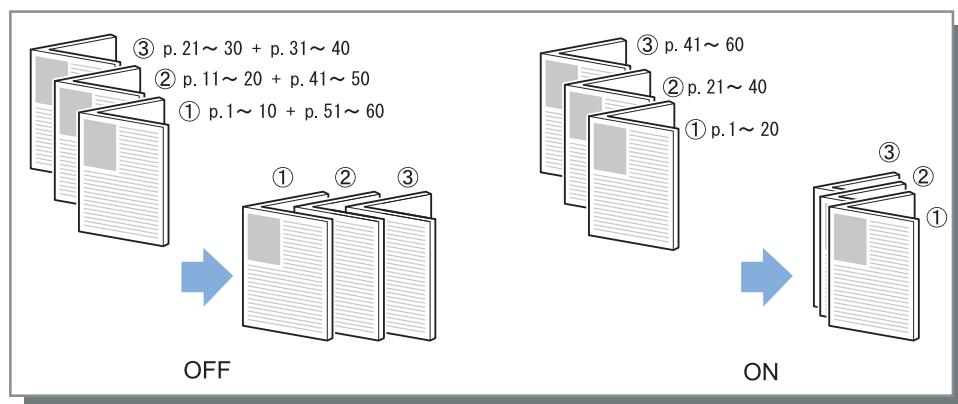
If [**Imposition**] is set to [**Off**]

- Auto
When [**Booklet fold mode**] is set to [**Fold + staple**], books are output in units of 15 sheets. When [**Booklet fold mode**] is set to [**Paper folding**], books are output in units of 5 sheets.
- When [**Fold + staple**] is selected: 1 to 15 (sheets), when [**Paper folding**] is selected: 1 to 5 (sheets)
Books are output in units specified by the ranges above.

Note:

- Separate books is available when [**Imposition**] is set to [**Booklet**] or [**Off**].
Layout “**Imposition**” [p.28](#)
- When printing an original of 16 sheets (61 pages) or more without Separate books, the paper order is not output as intended. Paper arrangement is required after printing.
- Booklet cover and Add cover are not available when performing Separate books.
“**Booklet cover**” [p.45](#), “**Front cover / Back cover**” [p.49](#)

15-sheet (60-page) original with Separate books off and on (when Booklet fold mode is set to Paper folding)



Booklet cover

Prints and outputs cover pages and other pages separately when [**Imposition**] is set to [**Booklet**]. This function is useful for printing the covers onto paper that is different with the paper of the body of the original. The default setting is [**Off**].

Note:

- This function cannot be used in conjunction with Separate books.

Settings

- Off
Pages for covers of a booklet are not added.
- Print only cover
Prints pages for covers of the booklet separately.
- Print pages except cover
Pages other than covers are printed out, and covers that have been set in the front cover tray are inserted in the output.
- Store booklet except cover
Prints pages for covers only, and pages other than covers are processed as a waiting job. For creating a booklet, print the covers and load them in the Standard tray, then use the printer's touch panel to retrieve and print the waiting job.
- Select cover tray and print all
You can specify the tray with the paper to use for the cover pages. The cover pages and the body can be printed with different kinds of paper.

Note:

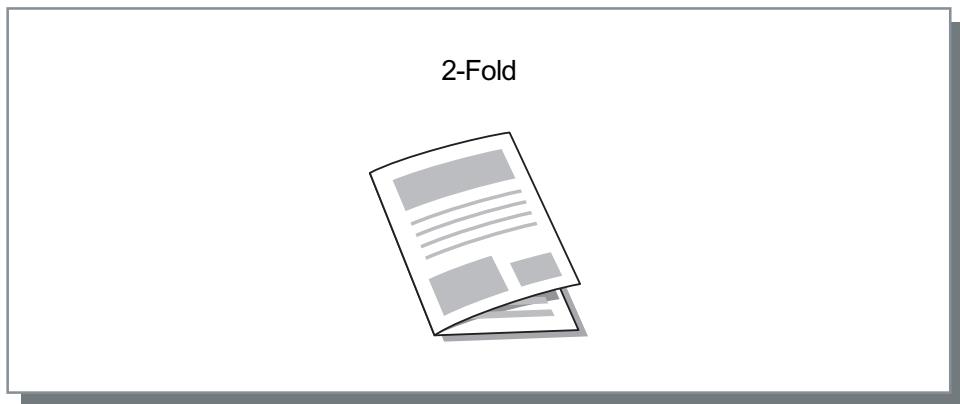
- If [**Print only cover**] is selected, only the pages for covers (beginning two pages and last two pages of originals) will be printed.
- If [**Print only cover**] is selected, printed papers will not be folded in two.
- The [**Secure print**] function in the [**Workflow**] screen cannot be used when [**Store booklet except cover**] is selected.
- When setting [**Print pages except cover**], prepare the covers first, then select the tray with the covers inserted as the [**Front cover**] tray on the [**Finishing**] screen.
- When setting [**Select cover tray and print all**], the cover pages (the first two pages and last two pages of the original) are printed with paper from the tray selected via [**Front cover**], and the body is printed with paper from the tray selected via [**Input tray**] under the [**Trays**] tab.

Fold mode

Outputs paper with 2 folds. The default setting is [**Non fold**].

Settings

- Non fold
Paper fold is not performed.
- 2-Fold
Creates booklets by folding one sheet of paper in two.



Paper that can be used for folding

- Paper size

Fold	Paper size	Custom size
2-Fold	<div style="display: flex; justify-content: space-around; align-items: center;"> A3 A4 B4 Tabloid Legal Foolscap Letter </div>	<div style="display: flex; align-items: center;"> <div style="flex: 1; margin-right: 20px;"> <p>Custom size</p> <p>210 mm (8 1/4") to 330 mm (13")</p> <p>280 mm (11") to 457 mm (18")</p> </div> <div style="border: 1px solid black; padding: 5px; border-radius: 5px; text-align: center;"> <p>Paper ejection direction</p> </div> </div>

- Paper weight
60g/m² (16-lb bond) - 90g/m² (24-lb bond)

Note:

- The 2-fold function is available when a Multifunction Finisher's binding function is activated.
- To perform a 2-fold on multiple-sheet booklets, set [**Booklet fold mode**].
- You cannot use 2-Fold functions in conjunction with the Staple mode, Punch mode, Cover, Output tray (Stacker), Offset output pages, Slip sheet, or Header page functions.

Folding direction

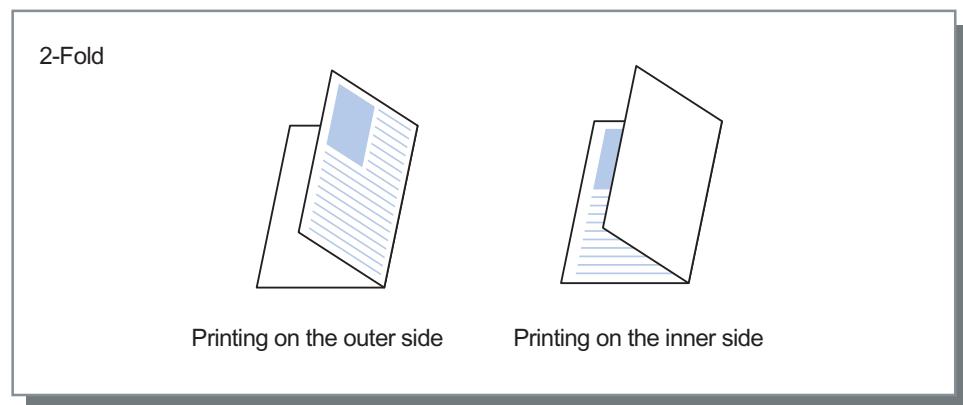
Select a paper folding direction from the following settings.

Settings

- Inside
Folds the paper so that the printed surface (odd page in two-sided printing) is on the inner side of the booklet.
- Outside
Folds the paper so that the printed surface (odd page in two-sided printing) is on the outer side of the booklet.

Note:

- These settings can be used if [Fold mode] is set to [2-fold].



Offset output pages

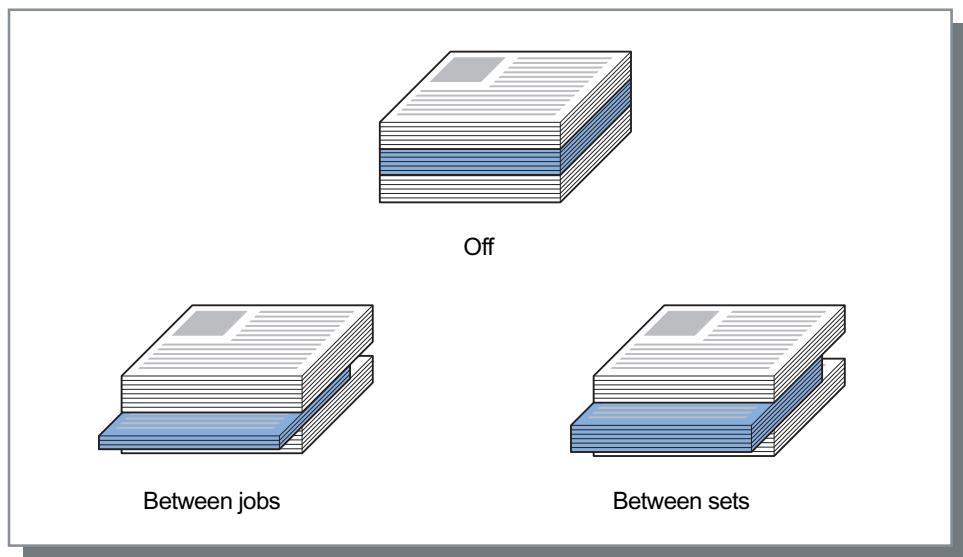
When printing multiple sheets, the output is shifted at the set interval.

Settings

- Off
Output is not offset.
- Between jobs
Output is offset for each job.
- Between sets
Output is offset after each set or group has been printed.

Note:

- The offset output pages function is available when a Multifunction Finisher, Face Down Offset Tray or High Capacity Stacker is connected. When outputting from the Face Down Offset Tray, staple mode cannot be used at the same time.
For the Finisher settings, see “Options” p.78
- When a Multifunction Finisher is connected, this can only be set when outputting from the stacking tray. Cannot be used with Fold (2-Fold) or Booklet, or any other functions which cannot be output to a stacking tray.
- This function cannot be used in conjunction with the Mixed output size function.
- For a subset finishing job, subsets are offset by the unit you specify.



Paper that can be used for offset output pages

- Paper size

Finisher type	Tray	Paper size				Custom size
Face Down Offset Tray	Face down offset tray (left side of printer)					
Multifunction Finisher	Stacking tray (second tray on the right side of finisher)					

* For stapling: 182 mm ($7 \frac{3}{16}$ ") to 432 mm (17")

90 mm ($3 \frac{9}{16}$) × 182 mm ($7 \frac{3}{16}$) to 340 mm ($13 \frac{3}{8}$) × 432 mm (17") when using the High Capacity Stacker
For information about paper that can be used, refer to the Printer's User's manual.

Header page

Prints a sheet with the job name / owner name, etc., to identify the person who printed the document.

Note:

- Cannot be used with [Fold mode].

Front cover / Back cover

Set whether a front cover or back cover is inserted. If inserted, select the tray to be used.

Select one of the following for [Front cover] or [Back cover].

Settings

- Off
No cover is added.
- Standard tray (or High Capacity Feeder)
The paper in the Standard tray is used for covers.
- Tray 1
The paper in Tray 1 is used for covers.
- Tray 2
The paper in Tray 2 is used for covers.
- Tray 3
The paper in Tray 3 is used for covers.

Note:

- When attaching a front cover, the front cover is output before the first page of the original from the tray selected at [Front cover].
- When attaching a back cover, the back cover is output after the last page of the original from the tray selected at [Back cover].

Cover sheet tray loading directions

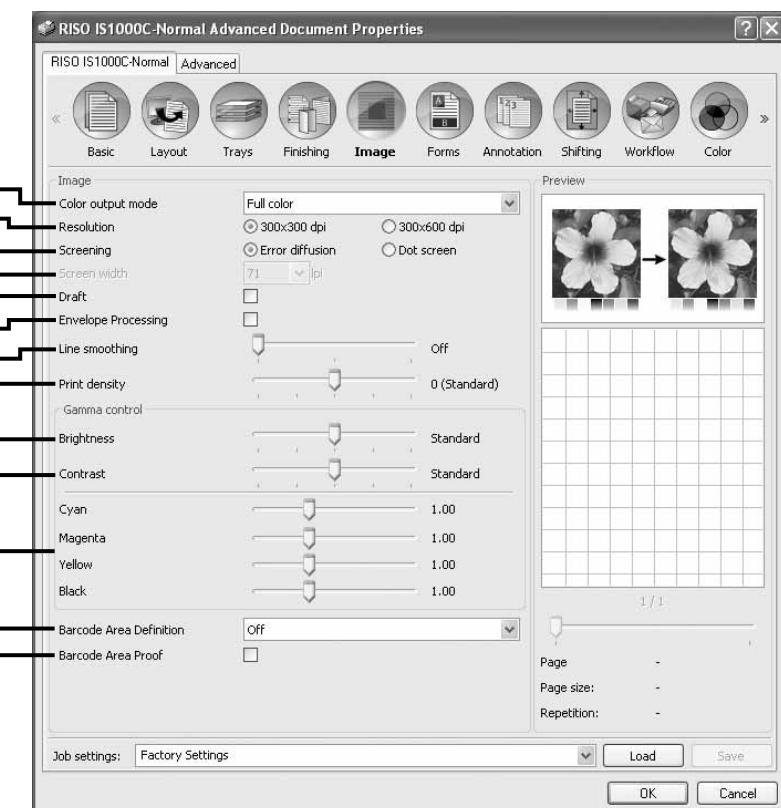
	Vertical		Horizontal	
	Tray	Standard tray (or High Capacity Feeder)	Tray	Standard tray (or High Capacity Feeder)
Default settings	 	 	 	 
Finishing side: Left				
Finishing side: Top				
Finishing side: Right				

Note:

- Paper size that can be used for adding covers
A3, B4, A4, B5, Tabloid, Legal, Letter
- Paper weight
When using a standard tray: 46g/m² (12-lb bond) - 210g/m² (56-lb bond)
When using Tray 1 / Tray 2 / Tray 3: 52g/m² (14-lb bond) - 104g/m² (28-lb bond)
- Cannot be used with Add cover, Tray selection per page, Fold (2-Fold), Collate (sort by page), Separate books, Job delegation, or Mixed output size functions.

Image

Adjusts the resolution, color output mode, brightness and contrast.



Settings

1) Color output mode*1

Selects full color or single-color (black, cyan, or magenta) printing.
Basic "Color output mode" [p.21](#)

2) Resolution

Sets the image quality (resolution). [p.52](#)

3) Screening

Selects the method of half-tone processing. [p.52](#)

4) Screen width

Sets the screen width (line per inch). [p.53](#)

5) Draft

Prints while saving ink via error diffusion.

6) Envelope Processing

Prevents blurring and fine errors when printing images on envelopes.

7) Line smoothing

Selects the degree of line smoothing.
[p.54](#)

8) Print density

Adjusts the print density. [p.55](#)

9) Brightness

Adjusts the density of images. [p.55](#)

10) Contrast

Adjusts the contrast of images. [p.55](#)

11) Cyan, Magenta, Yellow, Black

Adjusts the gamma level for each color. [p.56](#)

12) Barcode Area Definition*2

Adjusts the print density in the specified barcode print area so that the barcode can properly be read. [p.56](#)

13) Barcode Area Proof

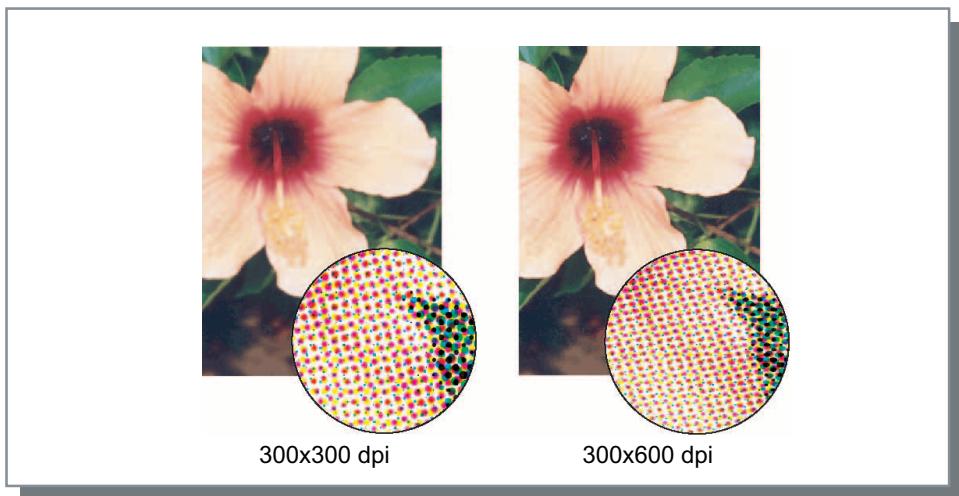
Previews the print area specified by [Barcode Area Definition]. The specified area is shaded in the print. [p.56](#)

*1 If you set [Color output mode] in the [Basic] screen, the setting is applied here.

*2 Before using [Barcode Area Definition], it is necessary to register the barcode printing area in advance. For details, refer to the separate manual, "Utility Guide".

Resolution

Sets the image quality (resolution). [300x300 dpi] or [300x600 dpi] can be selected. Resolution is expressed in dpi (dots per inch). The default setting is [300x300 dpi].



Screening

Selects the method of half-tone processing. The default setting is [**Error diffusion**].

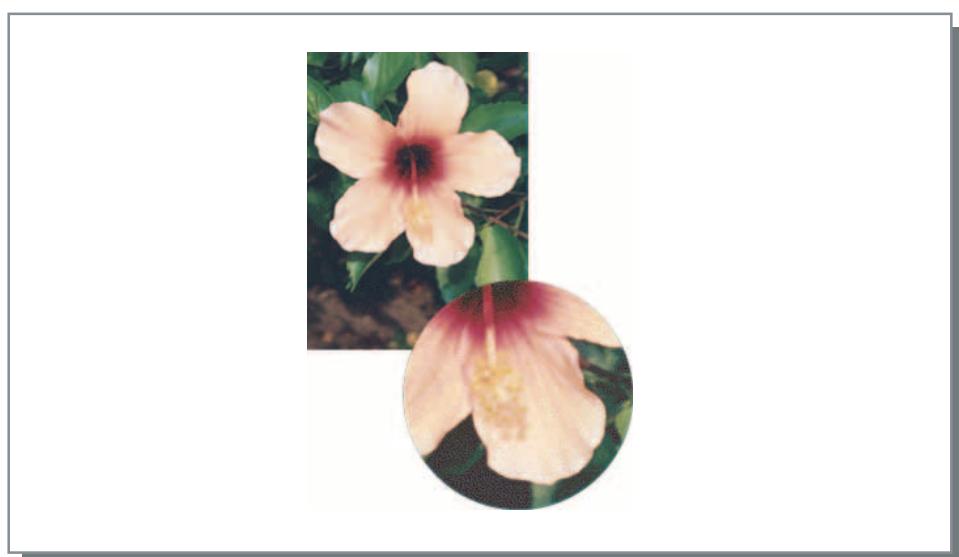
What is half-tone?

Half-tone is a method of processing for expressing continuous color tones with the limited number of ink types by changing the density and size of inks discharged onto sheet.

Settings

The method of half-tone processing can be selected from two types.

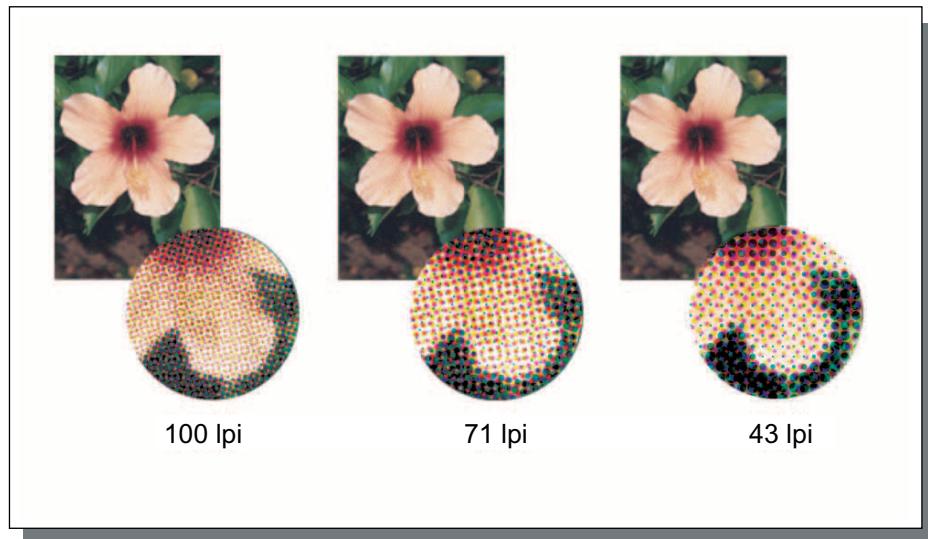
- Error diffusion
Expresses tones with dot density. Higher density makes darker images, and lower density makes lighter images.



- Dot screen
Expresses tones by adjusting the size of dot. A larger size makes darker images, and a smaller size makes lighter images. Selecting [**Dot screen**] enables you to set [**Screen width**].

Screen width

Sets the screen width (line per inch) when [Screening] is set to [Dot screen]. You can select 43 lpi, 71 lpi, or 100 lpi. The image becomes finer as the number of lines increases.



Draft

Prints while saving ink via error diffusion. The default setting is [OFF].

Note:

- When using the Draft function, printing concentration becomes thinner as the ink runs lower, making intermediate colors slightly rougher than usual.

Envelope Processing

Prevents blurring and fine errors when printing images on envelopes. The default setting is [OFF].

Line smoothing

Selects whether line smoothing is used or not. When [**Medium**] or [**High**] is set at [**Line smoothing**], line smoothing is enabled which results in the outlines of characters and ruled lines printing smoothly. The default setting is [**Off**].

To set, click the bar indicator.

The bar indicator settings are, from left, [**Off**], [**Medium**], and [**High**].

The selected value is displayed to the right of the bar.

Note:

- Using Line smoothing, increases the length of time for printing. (Selecting [**High**] increase the length of time for printing.)

What is Line smoothing?

This function smoothes the edges of text and images. This function complements the outlines with a more defined color between the drawing and background colors.



Print density

Adjusts the print density using 5 levels. A larger value means darker printing. The default setting is [**0 (Standard)**].

To adjust, click the bar indicator.

The bar indicator settings are, from left, [-2], [-1], [**0 (Standard)**], [1], and [2].

The selected value is displayed to the right of the bar.

Brightness

Adjusts the density of images with five levels. The default setting is [**Standard**] (centre).

To adjust, click the bar indicator.

The bar indicator settings are, from left, [**Light**], [Medium light], [**Standard**], [Medium dark], and [**Dark**].

The selected value is displayed to the right of the bar.



Light

Standard

Dark

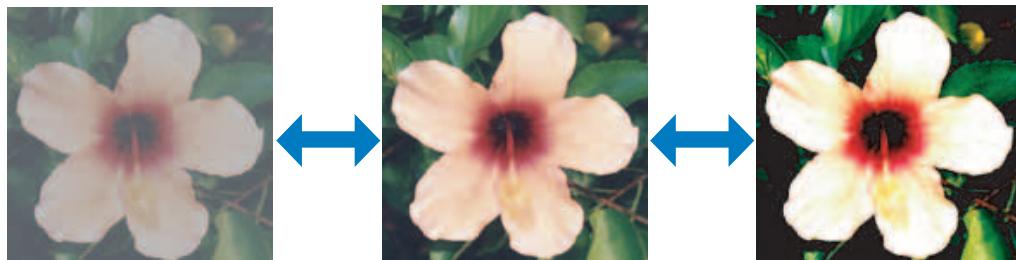
Contrast

Adjusts the contrast (correlation between brightness and darkness) of images among five levels. Increasing the contrast enhances the difference between bright areas and dark areas, however, moderately bright areas will be less smooth. Decreasing the contrast makes the difference between moderately bright areas smooth, however, the overall image will become dim.

To adjust, click the bar indicator.

The bar indicator settings are, from left, [**Lowest**], [Low], [**Standard**], [High], and [**Highest**].

The selected value is displayed to the right of the bar.



Lowest

Standard

Highest

Cyan, Magenta, Yellow, Black

Adjusts the gamma level for each color. Setting a high gamma level value makes the color darker, while setting a lower value makes the color lighter.

To adjust, slide the controller above the bar to the left or right.

The adjustment range is 0.01 - 3.00.

Barcode Area Definition

Adjusts the print density in the specified barcode print area so that the barcode can properly be read. Select a barcode area specification file to use from the pull-down menu.

Note:

- Before using [Barcode Area Definition], it is necessary to register the barcode print area in advance. For details, refer to the separate "Utility Guide".
- When setting [Barcode Area Definition], use of [Line smoothing] or magnification functions ([Zoom], [Scale to fit], [Imposition] or other) may result in improper readout of the barcode.
- Use black (K only) when creating original barcode data. Barcode recognition may be difficult if chromatic color is included in the data.
- If the original barcode data is black but you are experiencing difficulty printing, automatic color conversion may be taking place via the application software. Check the application software's "color conversion processing" setting.
- Default settings can be registered to decrease the amount of setting items, allowing for simplified barcode printing.

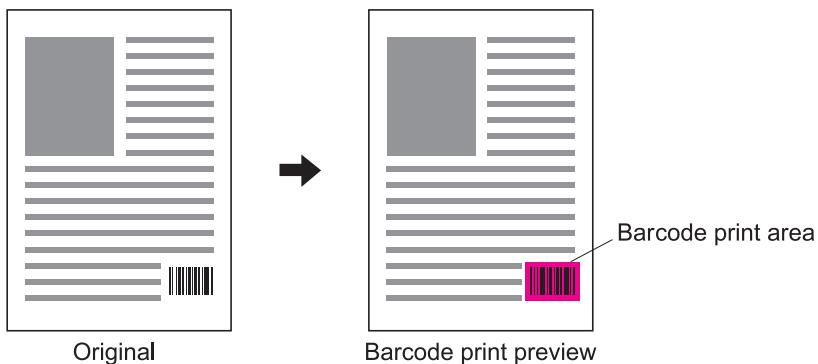
Registering default settings

- 1) Select [Start] - [Printers and Faxes], select the IS1000C / IS950C, and click [Properties].
- 2) Start the printer driver via [Printing Preferences], and display the [Image] screen.
- 3) Configure the necessary settings for barcode printing, and click the [Apply] button.
The specified "Barcode Area Definition File" is registered as the default. Next time, you can perform barcode printing simply by selecting the printer driver.

Barcode Area Proof

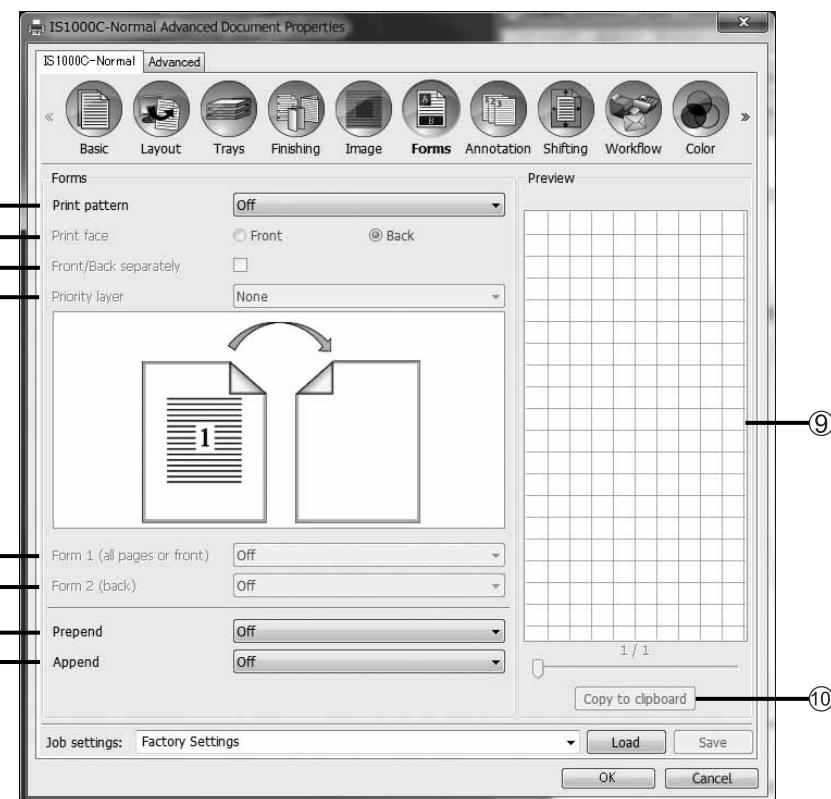
You can check if the barcode print area is properly set before using [Barcode Area Definition].

The area of the original specified for printing is shaded. If the specified area is incorrect, change the registered barcode area specification. (For details, refer to the separate manual, "Utility Guide".)



Forms

Selects forms registered in the ComColorExpress IS1000C / IS950C and prints output data overlaid on forms.



Settings

1) Print pattern

Sets whether or not to print a form onto the same face as output data. [☞]p.59

2) Print face

Selects whether to print a form onto the front side or the back side of paper when [Overlay alternating (Long edge)] / [Overlay alternating (Short edge)] or [Overlay alternating + each page (Long edge)] / [Overlay alternating + each page (Short edge)] is selected. [☞]p.61

3) Front/Back separately

Specifies and prints different forms for each side when duplex printing. [☞]p.61

4) Priority layer

Selects whether to prioritize form or output data when [Overlay each page], [Overlay alternating + each page (Long edge)], or [Overlay alternating + each page (Short edge)] is selected. [☞]p.61

5) Form 1 (all pages or front)*

Selects the form printed on the front side or both sides of the output data. [☞]p.62

6) Form 2 (back)*

Selects the form printed on the back side of the output data. [☞]p.62

7) Prepend*

Selects the form added before the output data. [☞]p.62

8) Append*

Selects the form added after the output data. [☞]p.62

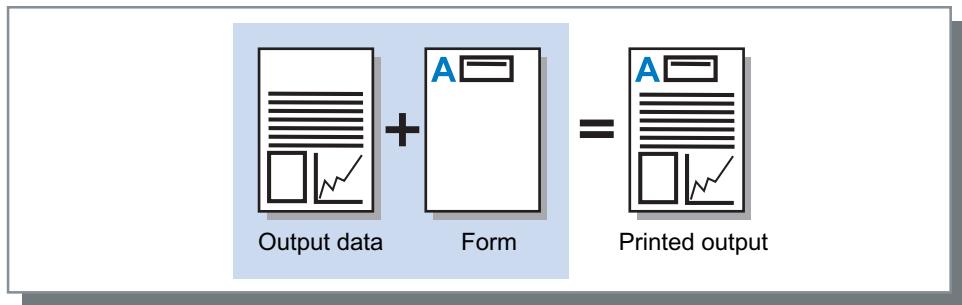
9) Preview

The selected form is previewed.

10) Copy to clipboard

Copies the image displayed in the preview to the clipboard for checking the layout. [☞]p.62

* Form files registered in the IS1000C / IS950C are displayed in the pull-down menu.



Note:

- It is necessary to create a form data on your computer in advance, and register it in the IS1000C / IS950C. For details, refer to the separate manual, "Utility Guide".
- The form is output in accordance with the output data's orientation, output size and image quality settings. "Orientation" ↗p.20, "Output size" ↗p.27, "Image" ↗p.51
- Output data overlaid on forms cannot be saved (registered).

Print pattern

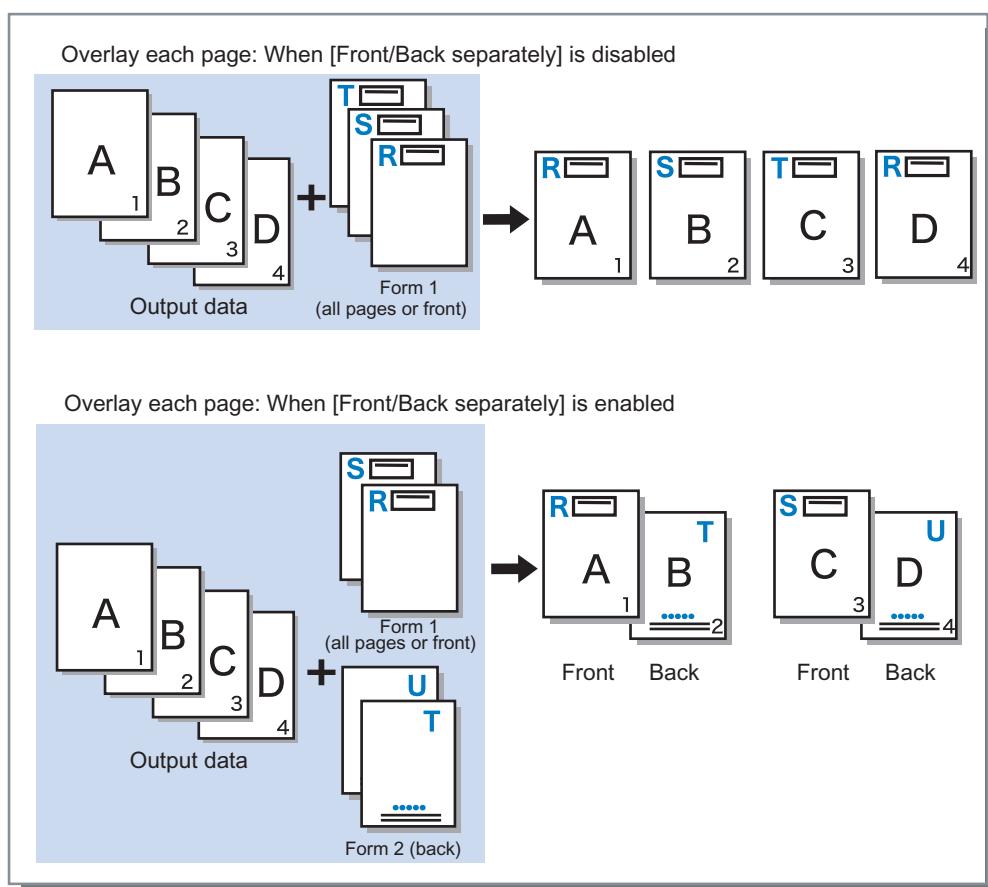
Selects a form registered in the ComColorExpress IS1000C / IS950C and selects which side of the paper to be printed on.

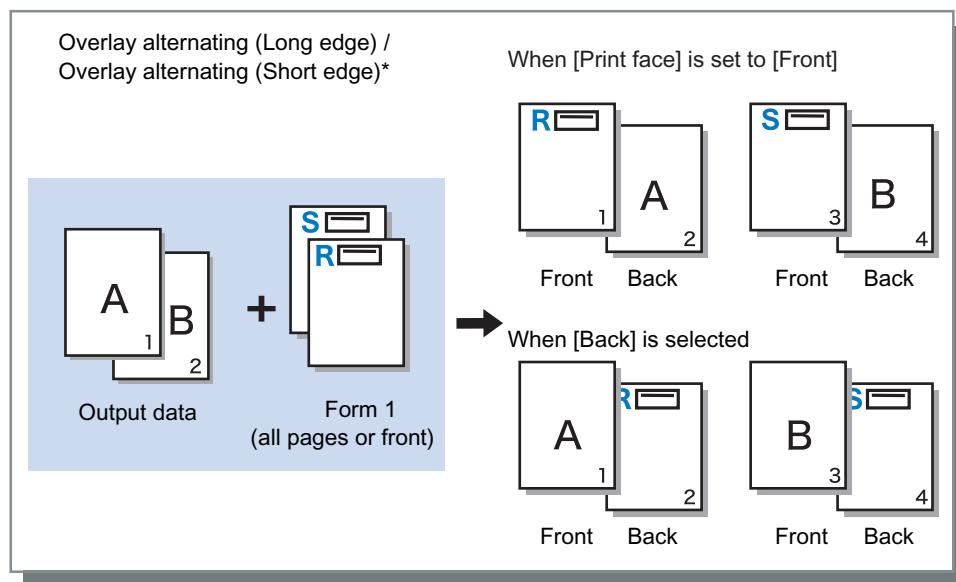
Settings

- Off
No form is printed.
- Overlay each page
Prints the form on the same side as the output data.
[Front/Back separately] can be selected when duplex printing has been set. You can select [Form 1 (all pages or front)] or [Form 2 (back)] for each form from the form list when placing a checkmark in [Front/Back separately].
- Overlay alternating (Long edge) / Overlay alternating (Short edge)
Prints the output data and the form on different sides.
The form data is printed on the side specified in [Print face]. On the other side, output data is printed as variable data.
- Overlay alternating + each page (Long edge) / Overlay alternating + each page (Short edge)
Output data and the form is combined and printed on one side, and a separate form is printed on the other side.
You can specify each form from [Form 1 (all pages or front)] or [Form 2 (back)].

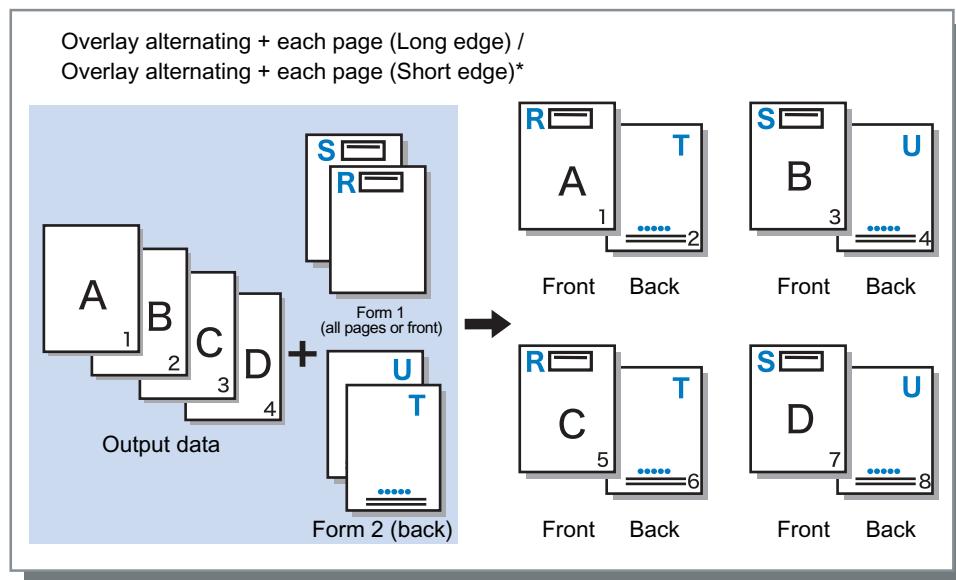
Note:

- You cannot use this function when mixed page sizes are set.
- You cannot use this function when imposition has been set.





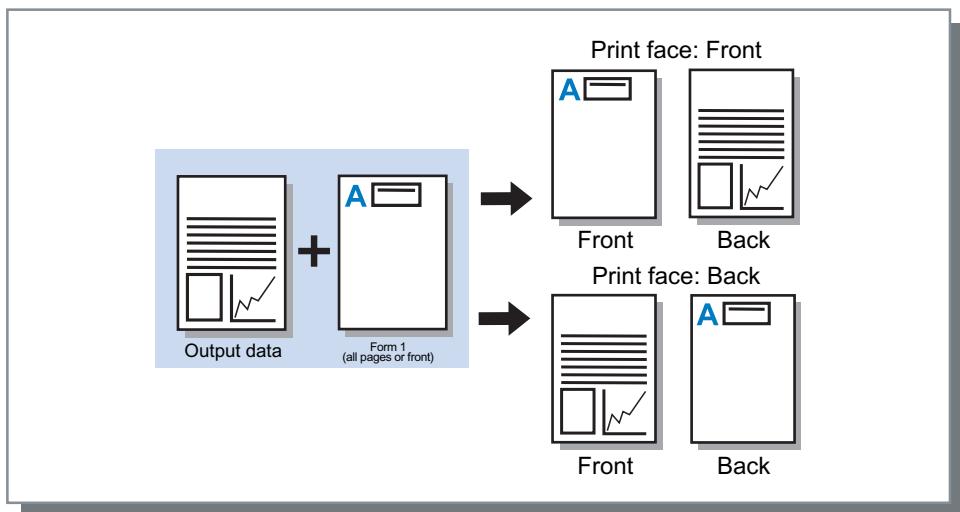
* Long edge is shown in the illustration.



* Long edge is shown in the illustration.

Print face

If [Overlay alternating (Long edge)] / [Overlay alternating (Short edge)] or [Overlay alternating + each page (Long edge)] / [Overlay alternating + each page (Short edge)] is selected from [Print pattern], selects whether to print a form data onto the front side or the back side of paper. The default setting is [Back].



Note:

- When selecting [Overlay alternating + each page (Long edge)] / [Overlay alternating + each page (Short edge)], the side on which only the form is printed is selected.

Front/Back separately

Specifies and prints different forms for each side when duplex printing.

Set when [Overlay each page] or [Overlay alternating + each page (Long edge)] / [Overlay alternating + each page (Short edge)] is selected for [Print pattern].

Priority layer

Sets whether to prioritize and overlay form data or output data when [Overlay each page], [Overlay alternating + each page (Long edge)], or [Overlay alternating + each page (Short edge)] is selected via [Print pattern]. The default setting is [None].

Settings

- None
Prioritizes and overlaps the output data or form data containing the denser color.
- Document
Prioritizes the output data (document) layer and overlaps the form data.
- Form
Prioritizes the form data and overlaps the output data (document) layer.

Note:

- If the priority layer image is larger than the non-priority layer image, the non-priority layer image may not be printed.
- If the output data and form data colors are the same, the areas in the image where the colors combined may not be displayed.

Form 1 (all pages or front)

Selects the form printed on the front side or both sides of the output data.

Form 2 (back)

Selects the form printed on the back side of the output data.

Prepend

Selects the form added before the output data (job).

Append

Selects the form added after the output data (job).

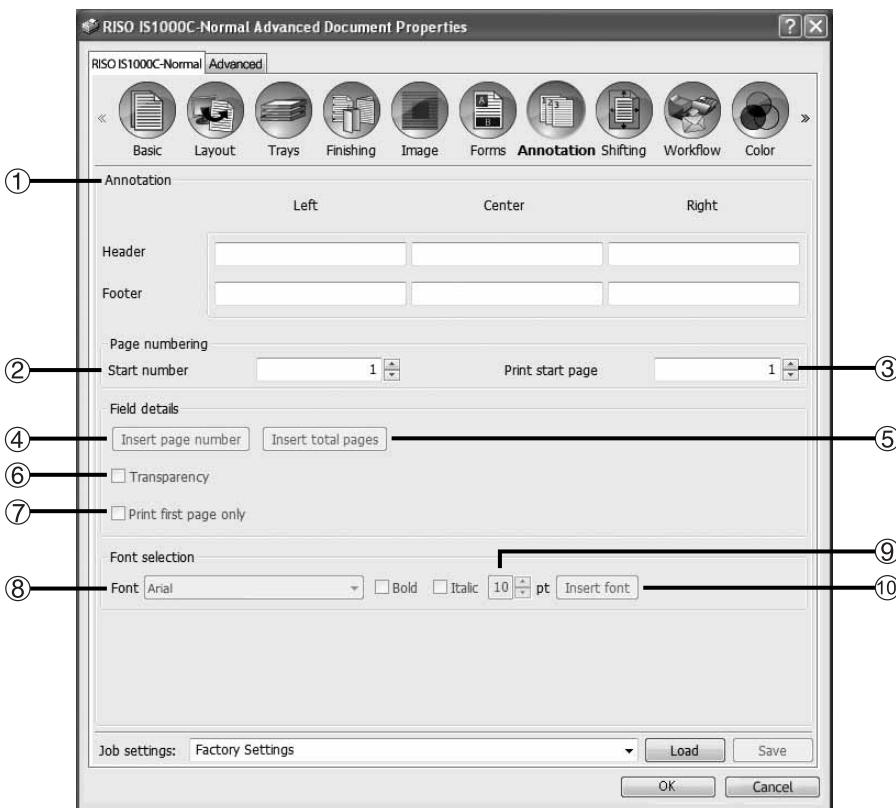
Copy to clipboard

Copies the image displayed in the preview to the clipboard for checking the layout.

If copied to the clipboard, you can paste the copy into the application used to make the output data and, for example, confirm the layout.

Annotation

Allows you to add header or footer text to output data when printing.



Settings

1) Annotation

You can enter the desired text or control code to be added to the left side, centre, and right side. [☞]p.64

2) Start number

When a page number is entered, specify the number to appear on the first page to be printed. [☞]p.64

3) Print start page

When a page number is entered, specify the page number of the first page that will be numbered. [☞]p.64

4) Insert page number

You can select where the page number will appear. [☞]p.65

5) Insert total pages

You can select where the total number of pages will appear. [☞]p.65

6) Transparency

Makes the print area transparent. [☞]p.65

7) Print first page only

You can select to have the entered number of pages or text appear on the first page only. [☞]p.65

8) Font

Specify the header/footer (text, page number) font. [☞]p.65

9) Font size

Specify the header/footer (text, page number) font size. [☞]p.65

10) Insert font

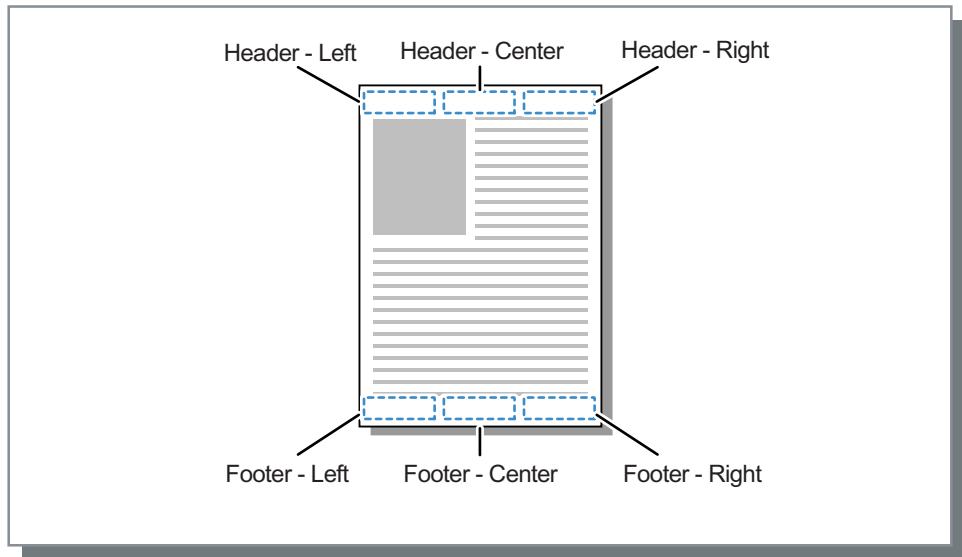
Insert Font and Font size information. [☞]p.65

Annotation

The number of pages or common text can be printed at the top or bottom of the pages.

Settings

If the number of pages or text is entered in each field, they will appear in the following areas on the printed pages.



Note:

- When [Imposition] is set to [Multi-up] or [Multi-up (Single)], even if multiple pages are printed on a single sheet, an annotation is printed on each printed page (not on each page of the original).
- When [Imposition] is set to [Booklet] or [Booklet 2-fold], annotations are printed on each page of the finished booklet.
- You can specify from 0 to 127 characters. The page number is displayed on the screen as [#p], the total page number as [#P], and the user name as [#nO]. When printing, the corresponding numbers and / or user name (your computer's owner's name) is substituted in these fields.

Start number

When page numbers are printed, specify the page number that will appear on the first page that has a page number.

Settings

- Start number: 1 - 9999

Print start page

When page numbers are printed, specify the page number of the first page that will be numbered.

Settings

- Print start page: 1 - 9999

Note:

- When text is entered, that text will also be printed beginning with the start page.

Page numbers example

If there is a two page table of contents, and numbered pages begin with the third page, set [**Start number**] to “1” and [**Print start page**] to “3”.

Insert page number

You can select where the page number will appear.

Click the desired position for the page number to appear in [**Annotation**], then click [**Insert page number**]. “#P” is displayed in the clicked text box, and the page number will appear when the document is printed.

Insert total pages

You can select where the total number of pages will appear.

Click the desired position for the total number of pages to appear in [**Annotation**], then click [**Insert total pages**]. “#P” is displayed in the clicked text box, and the total number of pages will appear when the document is printed.

Note:

- To print (page number) / (number of pages), such as “1 / 10” or “2 / 10”, click both [**Insert page number**] and [**Insert total pages**], and insert a “/” between them.

Transparency

Makes the background of each print area transparent.

Print first page only

You can select to have the entered number of pages or text appear on the first page only.

Font

Specify the header / footer (text, page number) font.

You can select from the fonts installed on the print controller.

Font size

Specify the header / footer (text, page number) font size.

Settings

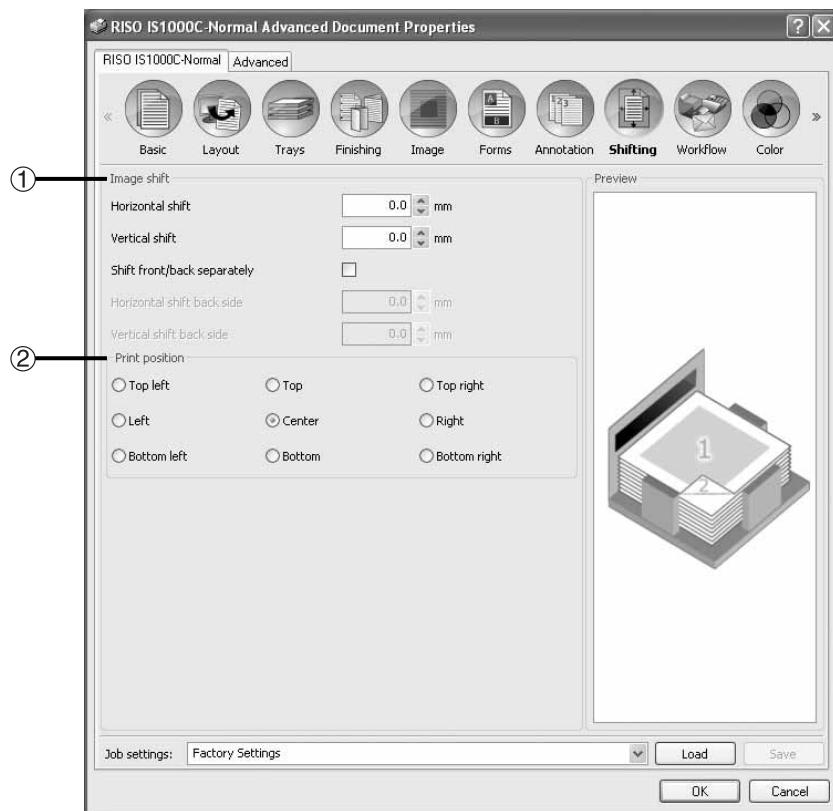
- You can specify the font size from 8 pt to 32 pt.

Insert font

Insert Font and Font size information into the header / footer.

Shifting

Adjusts the vertical and horizontal margins of the original images.



Settings

1) Image shift

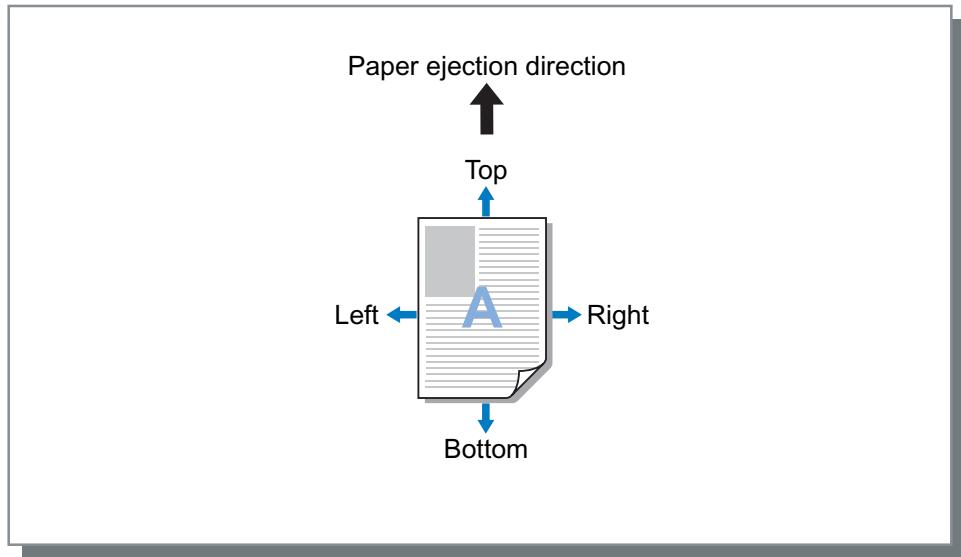
Adjusts the print position of the original. [☞]p.67

2) Print position

Selects a standard position allocated to the original image on the paper. [☞]p.68

Image shift

Adjusts the print position of the original. The position can be adjusted in the vertical ±254 mm (10") and horizontal ±254 mm (10") in 0.1 mm (0.01") increments. When duplex printing, both front and back sides can be adjusted independently. Standard positions can be selected at [Print position].

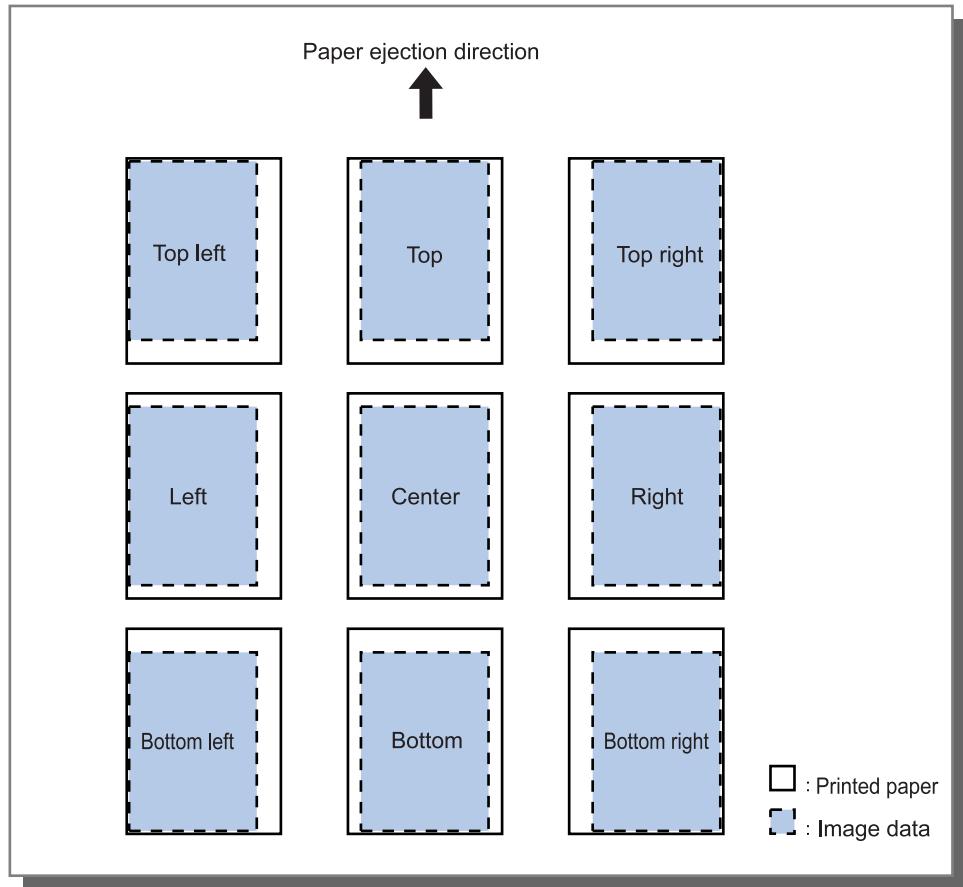


Settings

- Horizontal shift
Adjusts the print position horizontally between -254 mm (-10") and 254 mm (10").
- Vertical shift
Adjusts the print position vertically between -254 mm (-10") and 254 mm (10").
- Shift front/back separately
When duplex printing, both front and back sides can be adjusted independently.
 - Horizontal shift back side
Adjusts the print position on the back side horizontally between -254 mm (-10") and 254 mm (10").
 - Vertical shift back side
Adjusts the print position on the back side vertically between -254 mm (-10") and 254 mm (10").

Print position

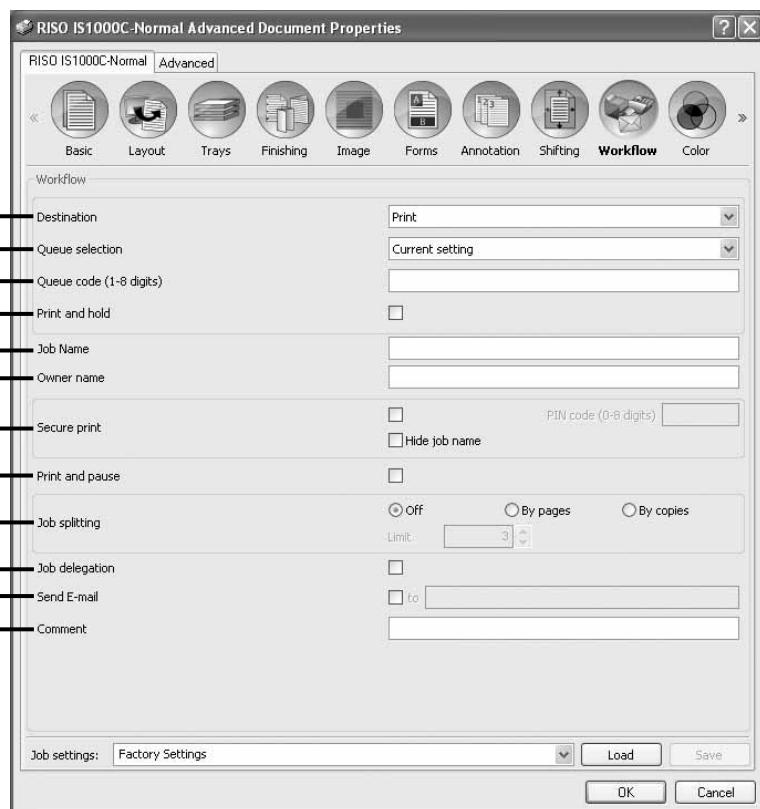
Selects a standard position allocated to the original image on the paper. Selects from Top left, Top, Top right, Left, Centre, Right, Bottom left, Bottom, and Bottom right. The default setting is **[Center]**.

**Note:**

- If the **[Zoom]** setting in the **[Layout]** page causes the image size to be larger than the largest print size, print position adjustment is disabled and the image is printed in the centre.

Workflow

Configures the output destination of the original data, output operation and notification method.



Settings

1) Destination

Selects whether data sent from the computer is printed onto sheets, or is stored as an archived job in the ColorExpress IS1000C / IS950C. [p.70](#)

You can also create a PRN file for use with a barcode area definition application.

2) Queue selection

Selects an output destination queue from the queues registered in the IS1000C / IS950C. [p.71](#)

3) Queue code (1-8 digits)

Enter a code number when a code number has been set for a queue. [p.71](#)

4) Print and hold

Simultaneously prints data and stores output data in the Hold queue of the IS1000C / IS950C. [p.71](#)

5) Job Name

Adds and prints an optional job name. If left blank, the file name is printed.

6) Owner name

Adds and prints an optional owner name. If left blank, the computer user's login name is printed.

7) Secure print

Sets a security code for the job and prints it. [p.72](#)

8) Print and pause

Prints one page or one set only, and enables you to check the printed sheet(s) of paper. [p.72](#)

9) Job splitting

Splits one job into multiple jobs. [p.72](#)

10) Job delegation

Distributes jobs to other IS1000C / IS950Cs that are connected on the network. [p.73](#)

11) Send E-mail

Sends a job status email message to a specified email address. [p.74](#)

12) Comment

Enter comments displayed in [Job details] on the IS1000C / IS950C. [p.74](#)

Destination

Selects whether data sent from the computer is printed onto sheets, or is stored as an archived job in the ComColor or Express IS1000C / IS950C. You can also create a PRN file for use with a barcode area definition application.

Settings

- Print
Prints data onto paper that is sent from a computer.
- Print & archive
The IS1000C / IS950C stores data sent from the computer. Data is stored in RIP-processed state (archived), and is printed.
- Archive
The IS1000C / IS950C stores data sent from the computer. Data is stored in RIP-processed state (archived). The stored data can be printed repeatedly by giving commands from **[Archive jobs]** of the RISO Console. Because RIP processing isn't needed, the time required for printing is shortened.
Stores the form data as an archived job in the IS1000C / IS950C.
 “Utility Guide”
- Create Print Data
Save data sent from a computer as a PRN file for use with a barcode area definition application.

Note:

- A security code cannot be assigned to data to be output to an archive. Data output to an archive can be freely accessed from the RISO Console. It is recommended not to output confidential documents to archives.
- If **[Destination]** is set to another setting other than **[Print]**, **[Job splitting]** automatically changes to **[Off]**.
- To correctly output the PRN file, the resolution of the application used to create the original must match the resolution of the printer (300 dpi). If the output resolution is set to other than 300 dpi, the barcode that is created with this function may not be recognized properly.

Queue selection

Selects an output destination queue from the queues registered in the ComColorExpress IS1000C / IS950C.

Settings

- Current setting
Outputs in accordance with the currently selected printer.
- Normal
This queue is used for normal printing. Outputs into the IS1000C / IS950C **[Normal]** queue.
- Hold
This queue is used for storing jobs. Outputs into the IS1000C / IS950C **[Hold]** queue.

Note:

- Forms and overlay output data cannot be registered in storage.
- Other queues (named arbitrarily)
When the administrator has registered queues in the IS1000C / IS950C, queues that have been already registered will be displayed in the queue selection list. When you select these queues as an output destination queue, processes are performed in accordance with the queue's settings.

Note:

- For details about Normal queues and Hold queues, refer to the separate manual, "Utility Guide".

Queue code (1-8 digits)

Enter a code number when a code number has been set for a queue.

Note:

- When you output a job to a queue set with a code number, only jobs matching the code number are processed.
- Jobs that do not match the code word are stored in the **[Hold]** queue.

Print and hold

Simultaneously prints and stores in the **[Hold]** queue.

Note:

- Forms and overlay output data cannot be registered in storage.

Job Name (1-255 characters)

Adds and prints an optional owner name.

Owner name (1-20 characters)

Adds and prints an optional owner name.

Note:

- Users without Win/Mac administrator privileges cannot enter the owner name in the input field.

Secure print

You can set a security code for the job when printing confidential originals or originals you do not want other people to see.

When you send a job set with a security code from your computer, it becomes waiting mode (waiting job) without being printed. Give the command to print the job from the Touch Panel Display.

Note:

- A security code cannot be assigned to archived output data. The [**Destination**] setting automatically changes to [**Print**] when placing a checkmark in [**Secure Print**].
- When [**Store booklet except cover**] is selected for [**Booklet cover**] in the [**Finishing**] screen, [**Booklet cover**] automatically changes to [**Off**] when placing a checkmark in [**Secure Print**].

Settings

- Unchecked
No security code is assigned to the job.
- Checked
A security code is assigned to the job. Configure the following settings.
 - PIN code (0-8 digits)
Set the security code using the 0-8 digits. You must enter the security code when outputting or deleting jobs for which a security code has been set.
 - Hide job name
The name of the job is not displayed in the job list (***** is displayed).
The security code must be entered.

Print and pause

When printing a lot of pages or printing a lot of copies, you can check the print by printing only one page or one set first (not included in the specified number of copies). After checking, if no problem is found, press the printer's start key to continue printing. If adjustment of the print position or anything in relation is required, you can adjust the setting on the printer. The default setting is off (no checkmark).

Note:

- When [**Collate**] is set to [**Group**] in the [**Trays**] screen, proofs are printed for each page before printing. Finishing "Collate" [☞]p.36
- When [**Collate**] is set to [**Sort**] in the [**Trays**] screen, proofs are printed for each page. Finishing "Collate" [☞]p.36

Job splitting

When jobs with large number of pages or large number of copies are being processed, one job can be split into multiple jobs.

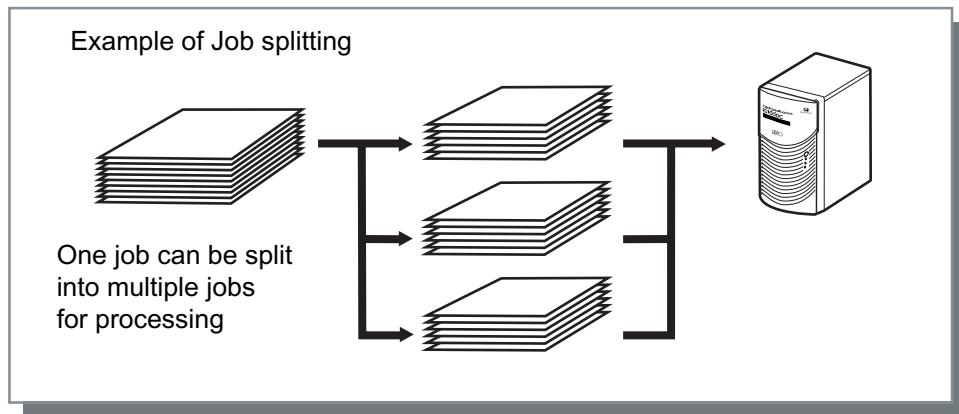
The printer load for each job is reduced. The default setting is [**Off**].

Settings

- Off
No jobs are split.
- By pages
Jobs are split based on the number of pages.
Set the number of pages in [**Limit**] as a standard split.
- By copies
Jobs are split based on number of copies.
Set the number of copies in [**Limit**] as a standard split.
- Limit
The conditions for splitting the job are set. If jobs exceeding the number of pages or number of copies specified here are printed, they are split.

Note:

- You cannot use the Job splitting function when you select [**Separate books**] in the [**Finishing**] screen. Finishing “Separate books” 
- This function cannot be used in conjunction with [**Secure print**].
- You cannot use this function if [**Destination**] is set to [**Print & archive**] or [**Archive**].

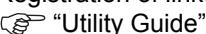
**Example of Job splitting**

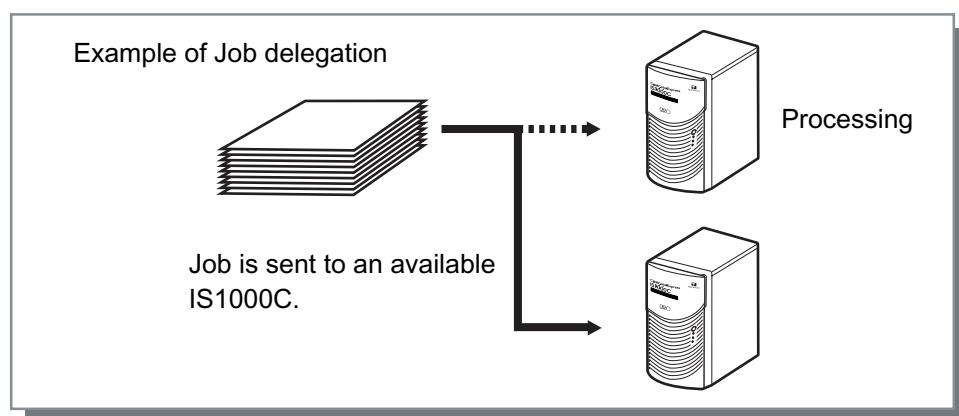
When printing a job with 240 pages, with a job splitting limit that has been set to [**100 (pages)**] at [**By pages**], the job will be split into 3 jobs (100 pages, 100 pages, and 40 pages) and processed.

Job delegation

This function is convenient to use when multiple ComColorExpress IS1000C / IS950C units are connected on a network. When printing large number of jobs, copies or pages, you can improve the efficiency of print processing by splitting or distributing jobs to other IS1000C / IS950Cs on the network.

Note:

- If multiple IS1000C / IS950Cs are connected on the network, jobs can be distributed on these controllers. If you place a checkmark in Job delegation, when a new job is received while a job is being processed, the new job is sent for printing to an IS1000C / IS950C that has the highest priority in the order of the registered controller IP list. The default setting is off (no checkmark).
- Registration of linked controllers are performed using the RISO Console.
 “Utility Guide”
- You cannot use the Job delegation function in conjunction with the Front cover tray selection, Back cover tray selection, and Booklet cover functions.



Send E-mail

Send a message to a specified address by E-mail when job processing is completed or error occurs during the processing of a job.

Settings

- to
Enter the email address of the destination for the message.

Comment

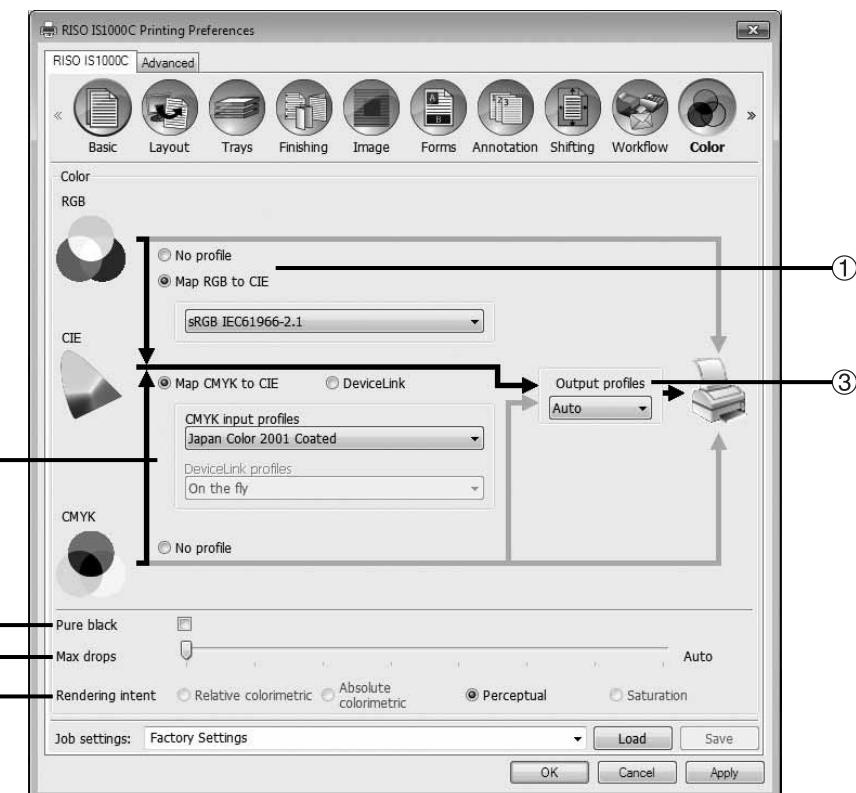
Enter comments to display in **[Job details]** on the ComColorExpress IS1000C / IS950C. Up to 511 characters can be entered. Comments do not break at the end of the line.

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Color

Some image data colors may not be reproducible.

In this case, 4 types of rendering intent and color profiles are used, and mapping (image compression) and color conversion is performed to reproduce colors as close to the original as possible or natural color tones.



Settings

1) No profile / Map RGB to CIE

An RGB input profile can be selected.
“Setting Color Profiles” [☞]p.76

4) Pure black

Selects whether or not to reproduce grayscale.
“Pure black” [☞]p.77

2) Map CMYK to CIE / DeviceLink / No profile

A CMYK input profile or DeviceLink profile can be selected.
“Setting Color Profiles” [☞]p.76

5) Max drops

Sets the maximum amount of ink drops.

3) Output profiles

[Auto] or output profiles added arbitrarily can be selected.
“Setting Color Profiles” [☞]p.76

6) Rendering intent

Selects one of four different types of color conversion to reproduce colors.
“Rendering intent” [☞]p.77

Setting Color Profiles

Uses a profile to perform the color management.

Settings

- RGB: No profile
Prints without using an RGB profile.
- RGB: Map RGB to CIE
An RGB image data input profile can be selected if you select **[Map RGB to CIE]**. Converts an RGB color space to a CIE color space, and converts and prints in combination with the output profile.
- CMYK: Map CMYK to CIE
A CMYK image data input profile can be selected if you select **[Map CMYK to CIE]**. Converts a CMYK color space to a CIE color space, and converts and prints in combination with the output profile.
- CMYK: DeviceLink
A DeviceLink profile can be selected if you select **[DeviceLink]**. A DeviceLink profile can be selected from **[On the fly]** or a custom-registered profile. If you select **[On the fly]** from **[DeviceLink profiles]**, a CMYK input profile can be selected. The color space is not converted from CMYK to CIE, as the input profile and output profile are combined into one, then converted and printed.
- CMYK: Output profile
[Auto] or output profiles added arbitrarily can be selected.
If you select **[Auto]** from **[Output profiles]**, an output profile is automatically set in accordance with paper type and resolution settings.
- CMYK: No profile
Prints without using a CMYK profile.

Note:

- Selects an RGB or CMYK input profile / DeviceLink profile from the following profiles if you use a profile in RGB, CIE, or CMYK.

RGB: Input profile	CMYK: Input profile	Device Link profile
Adobe RGB (1998)	Euroscale Coated v2	On the fly*
Apple RGB	Euroscale Uncoated v2	Customised profile
CIE RGB	ISO Coated sb	
ColorMatch RGB	Japan Color 2001 Coated*	
ECI-RGB	Japan Color 2001 Uncoated	
Trinitron Monitor G22 D93	Japan Standard v2	
Wide Gamut RGB	Japan Web Coated (Ad)	
DC Series Digital Camera - KODAK	Photoshop 4 Default CMYK	
matrixsrgb	Photoshop 5 Default CMYK	
sRGB IEC61966-2.1*	U.S. Sheetfed Coated v2	
Customised profile	U.S. Sheetfed Uncoated v2	
	U.S. Web Coated (SWOP) v2	
	U.S. Web Uncoated v2	
	Customised profile	

* Default settings

- An RGB input profile, CMYK input profile, DeviceLink profile or output profile can be added or deleted using the Console profile management function.
For details, refer to the separate manual, "Utility Guide".
- If you select **[Auto]** from **[Output profile]**, **[Rendering intent]** is automatically set to **[Perceptual]**.

Pure black

Processes in half-tone and prints only in black (K) ink when [Auto] or [Full color] is selected for [Color output mode] and [Pure black] is checked.

Max drops

Sets the maximum number of ink drops manually.

Note:

- If [Max drops] is set to [Auto], the number of drops adequate for the paper type is automatically set. Normally, use this function with [Auto].

Settings

Auto	Adjusts automatically the colors.
1	Few
2	
3	
4	
5	
6	
7	Many

Rendering intent

If the color management is used for differing color spaces, a color conversion method is used to reproduce colors. This method is called "Rendering intent".

What is Color Management?

While in displays such as monitors, colors are expressed with "additive primary colors" (RGB: red, green, and blue), in the ink printers, colors are expressed with "subtractive primaries" (CMY: cyan, magenta, and yellow). Since the number of colors that can be expressed with CMY is smaller than those with RGB, colors on a monitor cannot be reproduced exactly by a printer. For natural reproduction of colors and tones, some conversion technique from RGB to CMY is required. This color conversion system is called color management. The rules of conversion vary with the manufacturer, and each manufacturer uses its original conversion table (color profile).

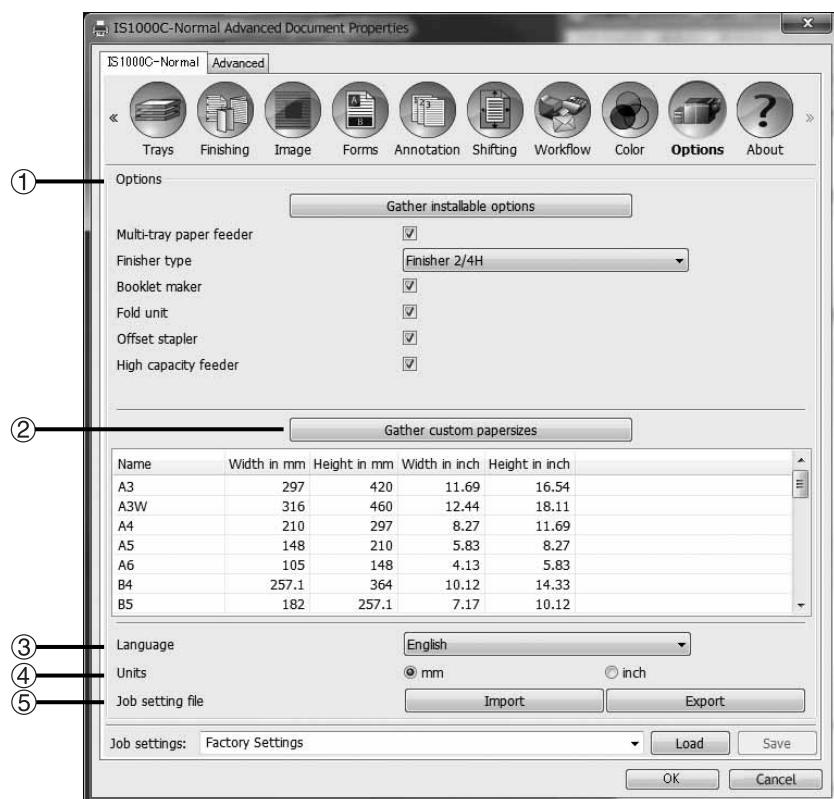
In color management of ComColorExpress IS1000C / IS950C, some kinds of color profiles can be selected according to the combination of the original image and the paper type to be used in order to reproduce the optimum colors.

Settings

- Relative colorimetric
Relative colorimetric rendering compares the white point of the source and the white point of the target. According to the difference between the white points above, all colors are converted. The relative colorimetric rendering clips out-of-gamut colors to the nearest reproducible hue. Using this setting can keep a larger amount of original colors of the images than using "Perceptual".
- Absolute colorimetric
Absolute colorimetric rendering reproduces in-gamut colors exactly, but clips out-of-gamut colors. This setting is particularly effective to preview what type of effect the sheet color will give the printed colors.
- Perceptual
Perceptual rendering preserves the relationship between colors, which helps preserve the overall appearance of images. This setting is effective when image data contains many out-of-gamut colors that cannot be printed, and is excellent for photo images.
- Saturation
Saturation rendering reproduces vivid colors in images. This setting is optimal for reproducing the graphics that require bright colors, such as graphs and charts.

Options

Configures optional devices connected to printers, and registers custom paper sizes in the printer driver.



Settings

1) Options

Retrieves and displays option configuration information from the printer. This can also be manually configured.
☞ p.79

2) Gather custom papersizes

Retrieves and displays customised paper sizes registered in the ComColorExpress IS1000C / IS950C.
☞ p.80

3) Language

Selects the language displayed in the printer driver.
☞ p.80

Note:

- Setting items may vary depending on whether or not optional devices necessary for configuring settings are connected, as well as the settings of the printer itself.

4) Units

Selects the numerical units displayed in the printer driver. ☞ p.80

5) Job setting file

Imports and exports printing settings from the current printer driver. ☞ p.80

Options

Displays optional devices connected to the printer, and types of optional devices. This can also be manually configured.

Settings

- Gather installable options
Retrieves option configuration information from the printer, and automatically sets the following items.
- Multi-tray paper feeder
This item is checked for models that have a multi-tray paper feeder.
- Finisher type
 - Not installed
Selected when no finisher is connected.
 - Wide stacking tray
Selected when a Wide stacking tray is connected.
 - Auto-control stacking tray
Selected when an Auto-control Stacking Tray is connected.
 - Finisher 2/3H
Selected when a Multifunction Finisher (2/3 holes) is connected.
 - Finisher 2/4H
Selected when a Multifunction Finisher (2/4 holes) is connected.
 - High capacity stacker
Selected when the High Capacity Stacker is connected.
- Booklet maker
Place a checkmark in this box when a Multifunction Finisher with a booklet maker function is connected.
- Fold unit
Do not place a checkmark.
- Offset stapler
Place a checkmark in this box when the Face Down Offset Tray is connected.
- High capacity feeder
Place a checkmark in this box when the High Capacity Feeder is connected.

The following functions can be used depending on the finisher type and the status of additional functions.

Finisher type	Additional functions checked	Usable functions
Multifunction Finisher	Not installed	Staple mode, Punch mode, Finishing side, Destination, Continuous output, Offset output pages, Envelope printing
	Booklet maker	(In addition to functions that can be used when the status of “Additional functions checked” is “Not installed”) Fold mode, Booklet fold mode
Wide Stacking Tray	Not installed	Output tray, Continuous output, Envelope printing, (Face up output)
Auto-control Stacking Tray	Not installed	
Face Down Offset Tray	Not installed	Staple mode, Offset output
High Capacity Stackter	Not installed	Output tray, Continuous output, Face Down Offset Tray

Gather custom papersizes

Retrieves and displays customised paper sizes registered in the ComColorExpress IS1000C / IS950C.

- Name
- Width in mm
- Height in mm
- Width in inch
- Height in inch

Note:

- For registering custom paper sizes in the IS1000C / IS950C, refer to the separate manual, "Utility Guide".

Language

Selects the language displayed in the printer driver.

- English
- Japanese
- Deutsch
- Français
- Italiano
- Español
- Português
- Trad.Chinese
- Simpl.Chinese
- Русский
- Svenska
- Korean
- Thai

Note:

- Part of the language displayed in the printer driver vary according to your operation system.

Units

Selects the numerical units displayed in the printer driver.

Settings

- mm
- inch

Note:

- The units of displayed for [**Image shift**] in the [**Shifting**] screen and [**Binding margin**] in the [**Layout**] screen change according the setting specified for [**Units**].

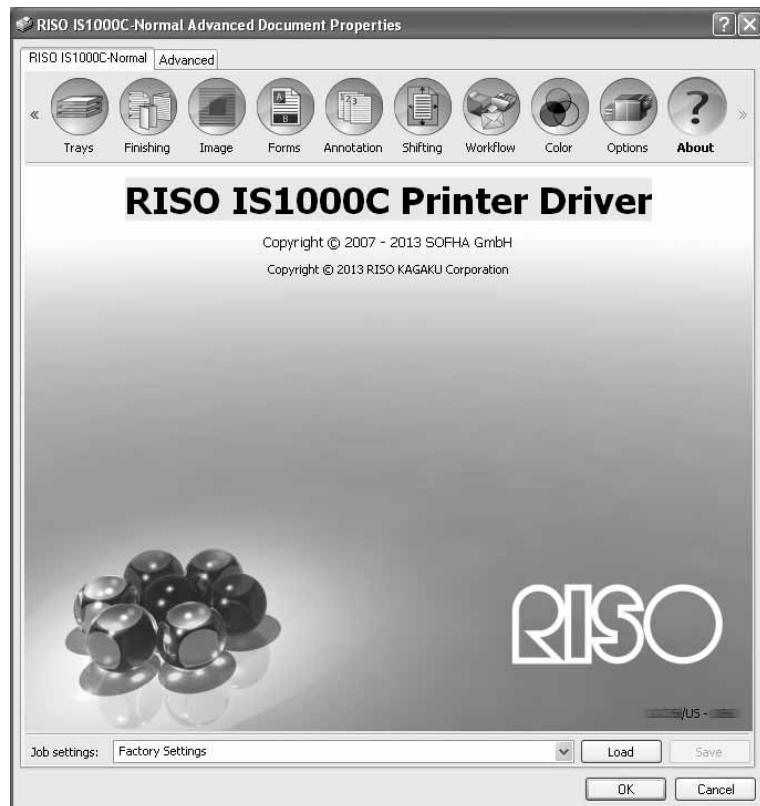
Job setting file

Imports and exports printing settings from the current printer driver.

- Exporting setting files
Click the [**Export**] button, enter the export folder and file name, and export. The exported file has a ".dat" file extension.
- Importing setting files
Click the [**Import**] button, and specify the setting file (with the ".dat" file extension) to import. When you click the [**Import**] button, the settings are imported and applied.

About

The version of the printer driver installed on the computer can be confirmed.



Appendix

Troubleshooting

Problems When Printing

Problem	Cause and Solution
<ul style="list-style-type: none">• Printing takes time.• Printing cannot be done with the print conditions that have been set.	<p>A checkmark is in [Collate] in the application software [Print] dialog box. Remove the checkmark from [Collate] in the application software [Print] dialog box.</p>
For Macintosh users: <ul style="list-style-type: none">• Printing takes time.• Printing cannot be done with the print conditions that have been set.	<p>A checkmark is in [Collated] in the application software [Print] dialog box. Remove the checkmark from [Collated] in the application software [Print] dialog box.</p>
Imposition order differs from the intended order.	<p>The original data and printer driver [Orientation] do not match. Set [Orientation] for the original data created by the application software and [Orientation] in the printer driver screen to the same orientation.</p>
When printing a multi-page original, there are pages that are not of the correct size.	<p>There are multiple paper sizes in one set of original data. When the original data containing multiple paper sizes are printed, all pages are printed in the paper size for the first page. Therefore, the pages that differ from the paper size for the first page may not print properly and loose a part of images.</p>
If a multi-page (sheet) original is printed from Excel with collation, it is collated by page (sheet).	<p>When the original was created, the printer driver was not set to RISO IS1000C / IS950C-XXXX (printer name). When creating a multi-page (sheet) original, select RISO IS1000C / IS950C-XXXX (printer name) in advance. The Paper Size and the output settings for the first page are applied for the remaining pages. When a multi-page (sheet) original is created with another printer driver selected, set [Print quality] to "300 dpi" for all pages (sheets) in the [Page Setup] screen of the application software (such as Excel).</p>
Images are not rotated.	<p>When printing landscape original data from Acrobat® or Adobe® Reader, place a checkmark in [Auto-Rotate and Center] in the print dialog box.</p>
Images are not enlarged or reduced.	<p>[Page Scaling] is set in the [Print] dialog box. Set [None] in [Page Scaling] in the [Print] dialog box in Acrobat® or Adobe® Reader. Set [Zoom] in the [Layout] screen of the printer driver.</p>
Printed size is different from the specified size.	<p>The paper size for the document data and the output paper size in the printer driver do not match. Always match the document data paper size created in the application software and [Output size] in the [Layout] screen of the printer driver.</p>

Tip:

The items that can be set will vary according to your operating system and application software. Also refer to the Read Me file.

Other Problems

Problem	Cause and Solution
<ul style="list-style-type: none"> • Printing is not in normal page order. • More copies than was set are output. 	<p><u>A checkmark is in [Collate] in the application software [Print] dialog box.</u> Remove the checkmark from [Collate] in the application software [Print] dialog box.</p>
Even though output volume (number of sheets) was set, only one copy (sheet) printed.	<p><u>[Print and pause] printing is set.</u> Printing pauses after one sheet is printed because [Wait after proof] is set in the [Workflow] screen of the printer driver. When you want to continue printing, press the Start button on the operating panel.</p>
Part of the printout is missing.	<p><u>[Output size] in the printer driver screen does not match the "Paper size" set in the printer.</u> Make the [Output size] setting in the printer driver screen and the [Paper size] setting set in the printer the same.</p>
	<p><u>An inappropriate scaling is specified for enlargement / reduction.</u> The Zoom specification in the [Layout] screen of the printer driver is not correct. Specify the correct scale. "Zoom" [☞]p.27</p>
	<p><u>Lack of the original margin.</u> Depending on the setting of [Imposition] or [Zoom], if the original margin is smaller than print range of the printer, a part of the original cannot be printed. Adjust the original margin.</p>
The points of staples come out of the top page.	<p><u>[Simplex Print Speed Priority] is set.</u> A checkmark is in [Simplex Print Speed Priority] in the printer driver [Finishing] dialog box. Pages are output face-up and then stapled in order to prioritize speed. Remove the checkmark from [Simplex Print Speed Priority] in order to prioritize presentation.</p>
Even though the tray selection for certain pages was set, paper is loaded from a different tray.	<p>If the original uses the [Prepend] and [Append] functions via the forms function, the original page number and the printed page number differ. Specify the page range for [Tray selection per page] using the page number that results after using the forms function.</p>

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RISO

Please contact following for supplies and service: