

EPSON

Epson Edge Print Operation Guide

CMP0101-31 EN

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Notes on Manuals

Meaning of Symbols

 Important:	Important must be followed to avoid damage to this product.
Note:	Notes contain useful or additional information on the operation of this product.
	Indicates related reference content.

Screenshots used in this manual

The screenshots may differ slightly from the screens you are using. Also, they may be changed without notice. Please be aware of this when using the manual.

Product Model Descriptions

Some models described in this manual may not be sold in your country or region.

Operating System References

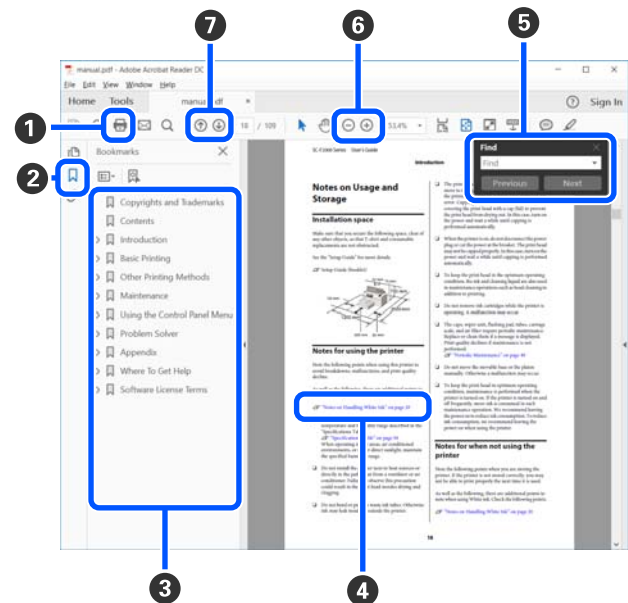
In this manual, terms such as "Windows 11", "Windows 10", and "Windows 8.1" refer to the following operating systems. Additionally, "Windows" is used to refer to all versions.

- ☐ Microsoft® Windows® 11 operating system
- ☐ Microsoft® Windows® 10 operating system

- ☐ Microsoft® Windows® 8.1 operating system

Viewing PDF Manuals

This section uses the Adobe Reader DC as an example to explain the basic operations for viewing the PDF in Adobe Reader.



- 1 Click to print the PDF manual.
- 2 Each time it is clicked the bookmarks are hidden or shown.
- 3 Click the title to open the relevant page.
Click [+] to open the titles lower in the hierarchy.
- 4 If the reference is in blue text, click the blue text to open the relevant page.

To return to the original page, do the following.

For Windows

While pressing the **Alt** key, press the **←** key.

For Mac

While pressing the **command** key, press the **←** key.

Notes on Manuals

- ⑤ You can enter and search for keywords, such as the names of items you want to confirm.

For Windows

Right click on a page in the PDF manual and select **Find** in the menu that is displayed to open the search toolbar.

For Mac

Select **Find** in the **Edit** menu to open the search toolbar.

- ⑥ To enlarge text in the display that is too small to see clearly, click . Click  to reduce the size. To specify a part of an illustration or screenshot to enlarge, do the following.

For Windows

Right click on the page in the PDF manual and select **Marquee Zoom** in the menu that is displayed. The pointer changes to a magnifying glass, use it to specify the range of the place you want to enlarge.

For Mac

Click **View** menu - **Zoom** - **Marquee Zoom** in this order to change the pointer to a magnifying glass. Use the pointer as a magnifying glass to specify the range of the place you want to enlarge.

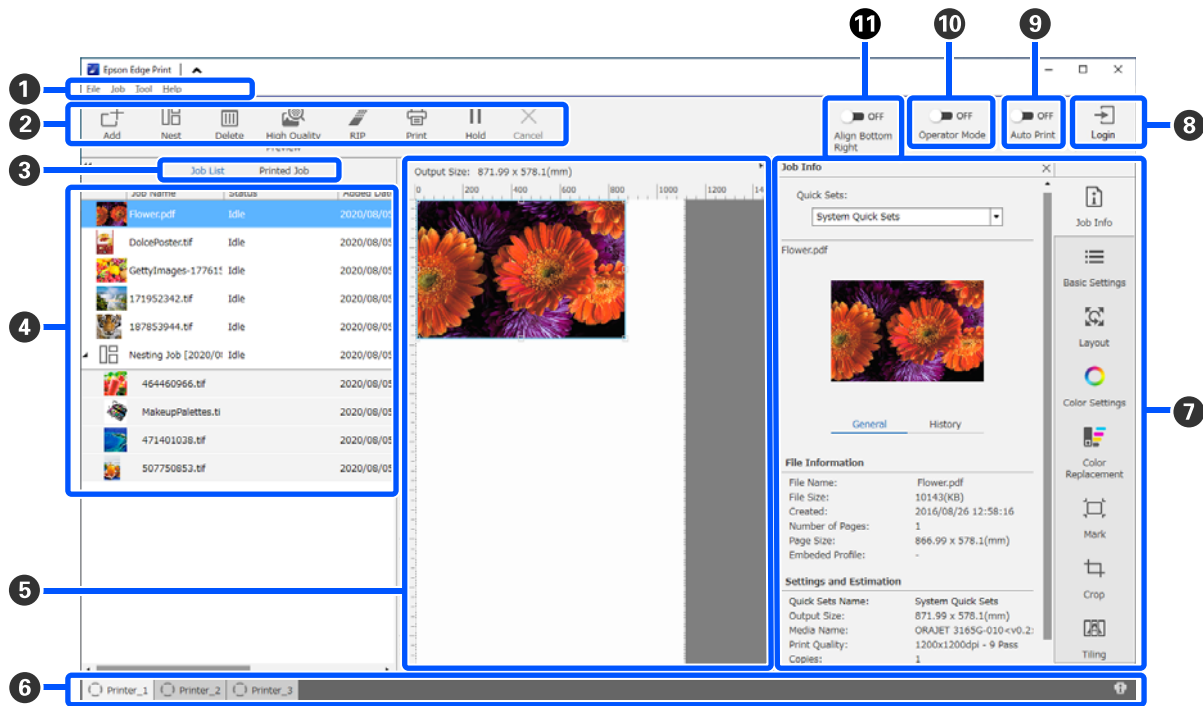
- ⑦ Opens the previous page or next page.

Configuration of main screen

Configuration of main screen

The main screen appears when you start this software.

The configuration and functions of the main screen are shown below.



	Names of parts	Functions
1	Menu bar	You can do settings and operations in the various menus. By clicking ▲ or ▼ in the title line, you can show or hide the menu bar.

Configuration of main screen

	Names of parts	Functions
②	Job toolbar	You can perform the following operations for jobs that you select in the Job List/Printed Job lists (④). : Select and add print data to the Job List. / : Create a single nest job from multiple jobs that you select. When you select a nest job, changes to and you can do UnNest. “Using media efficiently without waste (nested printing)” on page 46 : Delete selected jobs from the list. : Change the preview area (⑤) display for the selected job to a high quality preview. “When you want to reduce the preview display time” on page 137 : Do only RIP processing to selected jobs. : Do RIP while printing selected jobs. When you select a job for which RIP is already complete, only printing is done. / : Put the selected job on hold. Held jobs are not printed when you set the Auto Print switching button (⑧) to ON to perform auto printing. When you select a job being held, changes to and you can cancel the hold. If you cancel a hold during automatic printing, the job becomes idle and is printed at the end of the queue. : Stop printing or RIP processing that is being executed.
③	List switching button	Switch the Job List/Printed Job Lists. The name of the currently selected list is shown in a frame.
④	Job List/Printed Job Lists	In the Job List, a thumbnail, name of the source data, and the status are shown for jobs that are printing or waiting to be printed. Jobs that are finished printing are automatically moved to the Printed Job list. You can do the following operations in both lists. ☐ You can change the content by opening the right click menu on the list title. ☐ You can perform the same operations as in the Job toolbar (②) by opening the right-click menu on the name of a job. ☐ You can minimize or expand an area by clicking or , which are to the top left of the list titles. ☐ Jobs with displayed on the job thumbnail provide a simplified preview in the preview area (⑤). “When you want to reduce the preview display time” on page 137 You can change the job name by right-clicking on the list title in the Job List, and then selecting Change Job Name from the menu displayed. However, you cannot rename a job for multi-layered printing that combines multiple jobs. Jobs with displayed in the Printed Job list are protected and cannot be deleted. “Protecting printed jobs” on page 34

Configuration of main screen

	Names of parts	Functions
5	Preview area	You can check a preview of a job that you select in the Job List (4). Decide the layout of nested jobs and set Layout, Tiling, and Crop in the Job Setting Menu (7) as you check the job in this preview area. The white area shows the media. The width of the media changes according to the settings in ≡ (Basic Settings) - Media Size in the Job Settings menu. The distance from the left and right edges of the media to the dotted lines are the margins. You can do the layout as you check the printing position with the scale. You can change the units (mm/inch) of the scale in Preferences in the Tool menu. “When you want to change the interface language or the length units” on page 136 You can also drag the preview image to change the printing position. By clicking or at the bottom of the preview area, you can reduce or enlarge the preview area display. Click to automatically reduce/enlarge so that the set media width fills the entire display width of the preview area. When you select a model that supports UV ink as the printer you are using, clicking automatically enlarges or reduces the preview so that the printable area of your printer fills the entire display size of the preview area. To reduce or enlarge the printout, do the Layout settings in the Job Settings menu. “Setting the layout” on page 41 By changing the type of preview, you can reduce the time between adding the print data to the Job List until the preview is displayed. “When you want to reduce the preview display time” on page 137 By clicking or at the top-right of the area, you can minimize or expand the area.
6	Switch printer tab	Shows the status and name of printers that are registered in this software. Click a tab to change the printer to operate. The white tab is the printer that is currently being operated. The meanings of the status icons is as follows. : Printing is possible (ready). : Currently printing. : Warning or something has occurred. : Error has occurred. : Currently doing an operation other than printing, such as cleaning the heads or operating the panel. : The power is off or not connected. By clicking the on the bottom right of the screen, you can check the detailed status of the printer that is selected. Depending on the model you are using, may be disabled.
7	Job Setting menu & Setting area	Perform settings, such as printing, layout, and Input/output profile, for idle jobs that are selected in the Job List (4). The icons on the right are the Job Setting menu. The content of the setting area changes depending on the items that are selected. “Introduction to functions on the Job Setting menu” on page 17 Clicking the in the top right of the setting area closes the setting area so the preview area is enlarged by that amount. To open the setting area, click one of the items in the Job Setting menu. When the setting area is closed, you can minimize/maximize the menu area by dragging the menu's left edge to the left or right.

Configuration of main screen

	Names of parts	Functions
8	Epson Cloud Solution PORT login icon	Click this icon to display Login or Logout depending on the login status of Epson Cloud Solution PORT. Click Login to log in to Epson Cloud Solution PORT from this software. - To use Epson Cloud Solution PORT, you need to register an account in advance. Also, depending on the country and region you are in, the icon may not be displayed. - If you print using this software while logged into Epson Cloud Solution PORT, information about the job is sent to Epson Cloud Solution PORT. If you want to change the information to be sent, click the Tool menu - Epson Cloud Solution PORT Settings to change the settings.
9	Auto Print switching button	Each time this button is clicked, it turns on or off. By setting it to  ON, the print jobs start printing in order just by adding print data to the Job List (4). When there are idle jobs in the Job List, idle jobs are also printed in order. By setting it to  OFF, the jobs are not printed until after the print data is added to the Job List, selected, and then printed. When multiple jobs are put together and nesting or RIP is done before printing, set  OFF to do the nesting and RIP work, and then change it to  ON.
10	Operator Mode switching button	This is only displayed when the SC-V7000 is selected as the printer you are using. When you select a job in the Job List (4) and then set it to  ON, the preview area (5) display is rotated 180-degrees and the margins are removed. You can check the preview in the same display as when you viewed the job in the controller software. Set to  OFF to change the settings for the selected job or to print.
11	Align Bottom Right switching button	This is only displayed when you select a model, other than the SC-V7000, that supports UV ink as the printer you are using; the default value is  ON. When this is set to  ON, the preview area (5) is displayed based on the bottom right corner, the same as the position in which the media is loaded in the printer. When this is set to  OFF, the preview area is display based on the top left corner.

Printing procedure (first step)

Printing procedure (first step)

You need to register the following two items to print with this software.

Media Settings

Register to the printer the setting values for the heater temperature, Platen Gap, Media Tension etc., that are appropriate for the media you are using.

Print Information

Register in the software the media's ICC profile, number of passes, resolution, etc.

However, to do the settings to get the optimum printouts on the media you are using by finding the optimum values for each of the multiple setting items is complicated, and requires an extreme amount of time and work.

This section explains a method to easily print, without complex registrations, by using print information for media types that are already registered to the software and the functions for registering media settings that are installed as standard in the printer.

Preparing to print

Doing Easy Media Setup on the printer

You can register appropriate media setting values by just selecting a media type that is suitable for the media you are using in **Easy Media Setup** in the setting menu.

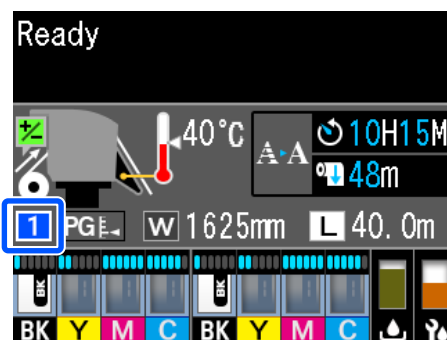
☞ “Procedure for Easy Media Setup” in the *User's Guide* (online manual)

Depending on the model you are using, **Easy Media Setup** may not be supported. In this case, save the optimum media settings according to the media being used. See the manual provided with the printer for information about saving the media settings.

Checking the operating environment

Check the following points.

- ☐ The printer and the RIP server (computer on which this software is installed) are connected correctly and the power is on.
- ☐ The software is running.
- ☐ The printer you are using is registered in this software.
See the following to register a new printer.
☞ [“When you want to register or unregister a printer that is being managed” on page 142](#)
- ☐ Media is loaded on the printer and it is ready to print.
- ☐ The media setting that is selected for the current printer is either registered in **Easy Media Setup** or is a media settings ID to which was saved the optimum media settings in **Customize Settings**. Furthermore, do not select the media setting [00 RIP Settings] because it cannot be used with this software.
You can check the media setting that is currently set on the printer in the status display screen on the control panel.



Preparing the print data

Prepare print data in a data format that is compatible with the software.

See the following for the compatible data formats.

☞ [“Supported data formats” on page 164](#)

Generally, we recommend PDF for the following reasons.

- ☐ There are no broken links to images or disrupted layouts.

Printing procedure (first step)

- ❑ Text does not need to be outlined.
- ❑ The appearance does not change, even for different versions of image processing software.

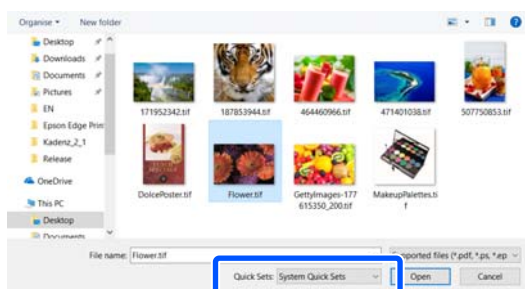
Printing procedure

- 1 Click  (Add) in the Job toolbar and add the print data to the Job List.
Or, drag and drop the print data onto the Job List.

The name of the data and a thumbnail for the print data that was added appear in the Job List.

Note:

When you click  (Add) and select the print data, you can also select Quick Sets at the same time.



Quick Sets are a saved batch of print job settings. Jobs are generated according to these settings.

 [“Creating job settings that are often used \(Quick Sets\)” on page 124](#)

- 2 Select a job to print from the Job List.
An image of the printout appears in the preview area.

- 3 Click  (Basic Settings) in the Job Setting menu.

The setting area changes to Basic Settings, and you can set the media size, media name (print information), and print quality (resolution and number of passes).

See the following for detailed information about basic settings.

 [“Basic job settings” on page 36](#)

4

Click  (Print) in the Job toolbar to start printing.

During printing, **Printing** appears in the **Status** column in the Job List. A progress bar for the remaining print time also appears in the preview area.

Jobs that are finished printing are automatically moved to the Printed Job list.

See the following for how to use the Printed Job list.

 [“Reprinting a job that has been printed once” on page 32](#)

When there are multiple jobs in the Job List, you can decide on the order to print jobs and flexibly change the order of the print jobs in the Job List.

 [“Deciding the order of printing/RIP, and then sorting the Job List” on page 24](#)

Note:

Check the status of the switch printer tab before starting to print. You cannot print if the status icon is one of the following.

 : Error has occurred.

 : Currently doing an operation other than printing, such as cleaning the heads or operating the panel.

 : The power is off or not connected.

Prepare the printer for printing.

Use the Job Setting menu to enlarge or reduce jobs, to print only a portion of an image, or to print an image that is wider than the media.

Introduction to various functions  [“Introduction to functions on the Job Setting menu” on page 17](#)

Stopping printing

Use the following procedure to stop printing while a job is printing.

Printing procedure (first step)

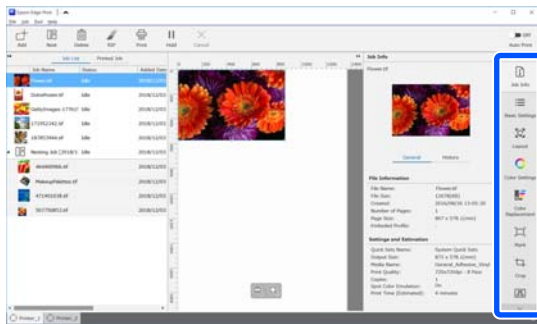
- 1** Select the job to stop printing from the Job List, and click  (Cancel) in the Job toolbar. Or, open the right click menu on the name of the job to stop printing and select **Cancel**.
- 2** When the confirmation screen appears, click **Yes**.

Introduction to functions on the Job Setting menu

Introduction to functions on the Job Setting menu

Starting the Job Setting menu

- 1 Select a job in the Job List, and then click on an icon in the Job Setting menu according to what you want to do.



	(Job Info): You can check detailed information about the selected job, such as settings and print status.
	(Basic Settings): You can do basic print settings. “Basic job settings” on page 36
	(Layout): Set the way the images are arranged on the media.
	(Color Settings): Set the input profile, the output profile, and the amount of ink.
	(Color Replacement): When images set with spot colors are included in the job, set the Output Color for the spot colors.
	(Mark): Set the trim mark and the frame line to cut the area surrounding the image. You can also print comments and print information as job labels.
	(Crop): Set the print range when printing only the part of an image that you need.
	(Tiling): Set the method to divide an image when dividing a large image for printing.

	(Step and Repeat): Set the method for printing a row of a single image in a repeating pattern.
	(Layer Setting): This setting menu is available only when the printer models in operation meet the following conditions. ☐ For models with White/Metallic Silver ink ☐ For models with fluorescent color ink ☐ Models equipped with UV ink You can select an original color to be replaced with a spot color in layer jobs, as well as adjust layer misalignments and image overrun when printing layers.
	(Separation Color Settings): Set the output color for each channel when a job has separate channels for each color that makes up the image. The icon is only displayed when you select the list of the channels for each color displayed below the Job List.

- 2 The setting area changes depending on the icon you select.

Introduction to Layout

See the following for detailed information about Layout settings.

[“Setting the layout” on page 41](#)

Setting number of copies

You can print the same job multiple times by setting the number of copies.

Jobs that have a number of copies set are treated as nested jobs.

However, depending on the settings, this may not be treated as a nested job.

See the following for detailed information about nesting jobs.

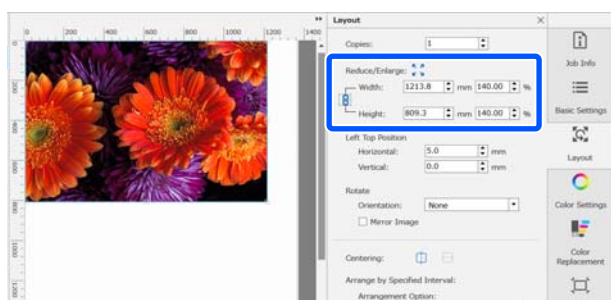
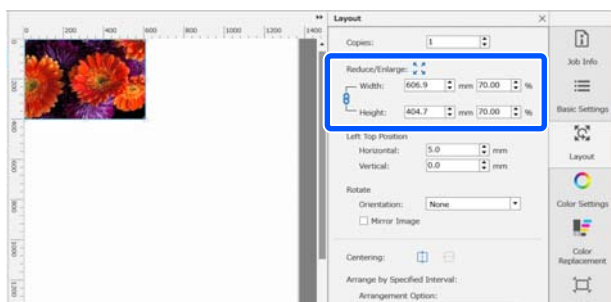
Introduction to functions on the Job Setting menu

✍ “Using media efficiently without waste (nested printing)” on page 46

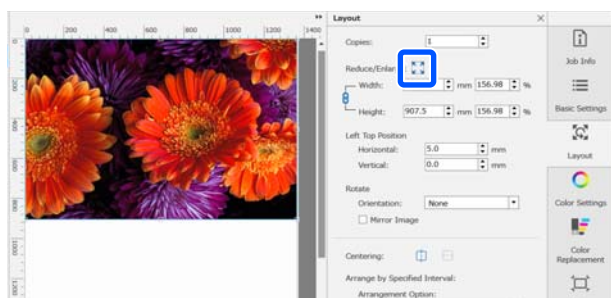


Reduce and enlarge settings

You can reduce or enlarge the size of images by specifying a size or a ratio.



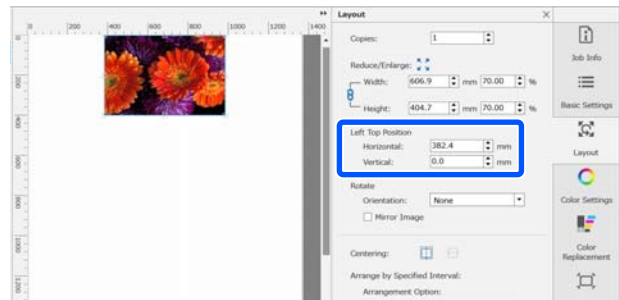
By clicking , you can enlarge or reduce the image to the full width of the media.



Position settings

You can specify the coordinates (horizontal and vertical positions) of the upper left corner of the image to set where on the media the image is printed.

You can also drag images into the preview area, roughly decide their position, and then specify an exact position using coordinate values.



Rotate settings

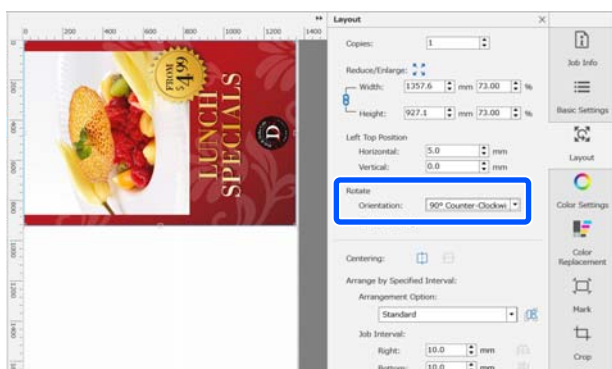
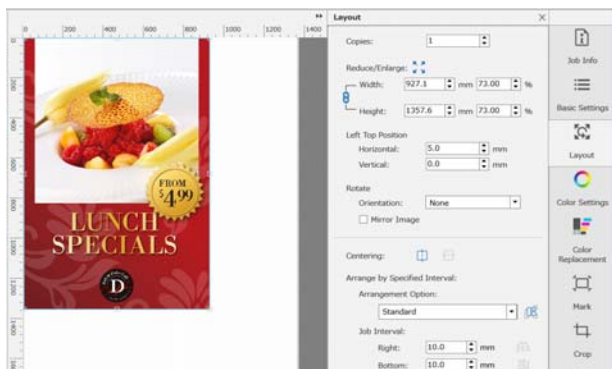
You can rotate an image by specifying the orientation of rotation.

You can print without wasting media by rotating long images so their long dimension is across the width of the media.

You can print a reflected image by checking **Mirror Image**.

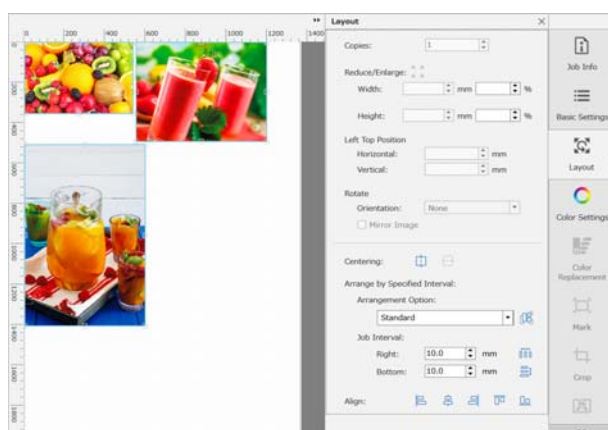
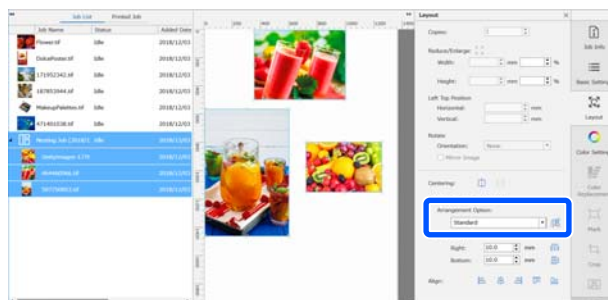
Introduction to functions on the Job Setting menu

Mirror Image is already selected when dye sublimation ink printer is selected.



Arrangement settings

You can do arrangements efficiently on the media to be able to cut with ease and print without wasting space when setting one job with multiple copies, or when multiple jobs are nested.



Introduction to Color Settings

You can set the input profile, the output profile, and the amount of ink as needed.

If the input profile is embedded in the print data, select **Give Priority to Embedded Profile** to apply the embedded profiles. If a profile is not set, apply the input profile set in this section.

You can also adjust the amount of ink, and fine-tune the density and tone of the output colors using tone curve.

See the following for detailed information about Color Settings.

Introduction to functions on the Job Setting menu

 [“Color Settings” on page 98](#)

Introduction to Color Replacement

Even if you set the color value for the Process color and the same spot color name in the application software when creating the print data file, the printed color (Output Color) may look different, depending on the environment and media type used. In such cases, you can replace the output color by making adjustments to match the tone.

The settings for color replacement are valid only for the current job selected in the Job List.

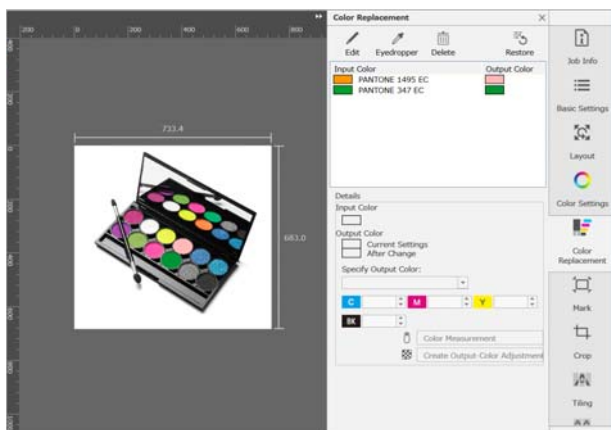
When you select a model with fluorescent ink as the target printer, you can select and replace a specific color with a fluorescent color in Job, or adjust the density for FY or FP.

You can adjust the density of the WH or MS when you select a model featuring White/Metallic Silver ink as the printer you are using.

You can adjust the density of the WH or Vr when you select a model featuring UV ink as the printer you are using.

See the following for details on Color Replacement.

 [“Replacing a job's Output Color” on page 58](#)



Introduction to Mark

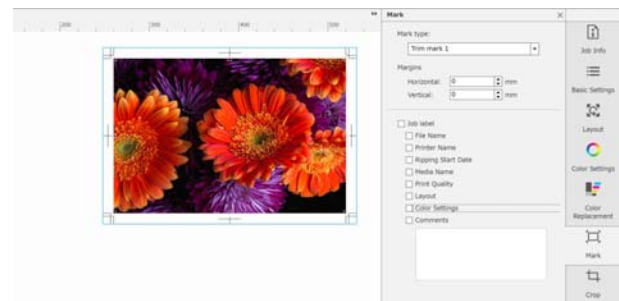
Set the frame lines or trim marks to cut the area surrounding the image, and cutting marks for commercially available cutting machines and cutting plotters. This function is compatible with the following commercially available cutting machines and cutting plotters.

- ☐ High-speed finishing cutting machines from FOTABA
- ☐ Cutting plotters (cutting machines) from Graphtec
- ☐ Roll cutters from Summa
- ☐ Digital cutting systems from Zünd

You also can leave job information on the printouts.

See the following for details on Mark.

 [“Printing with Frame line and trim marks” on page 118](#)



Introduction to Crop

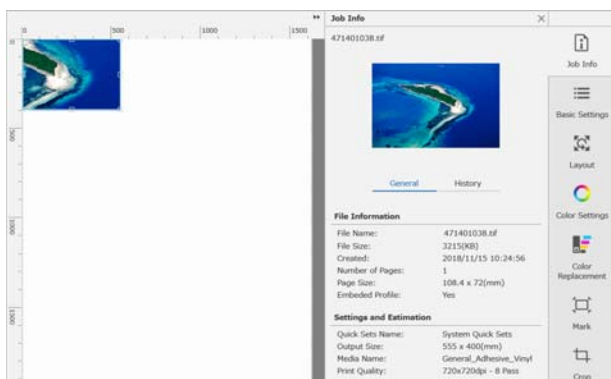
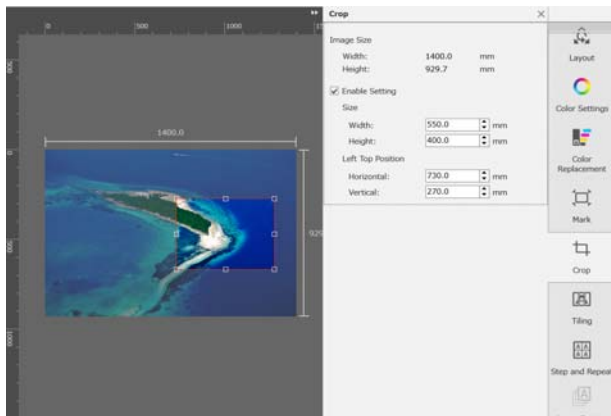
You can print just a part of an image by specifying the size and position to clip.

You can set the range of the part to clip from an image in the preview area and then specify the exact coordinate values and size.

See the following for detailed information about Crop.

Introduction to functions on the Job Setting menu

✎ “Printing only the necessary parts of an image (Crop)” on page 53



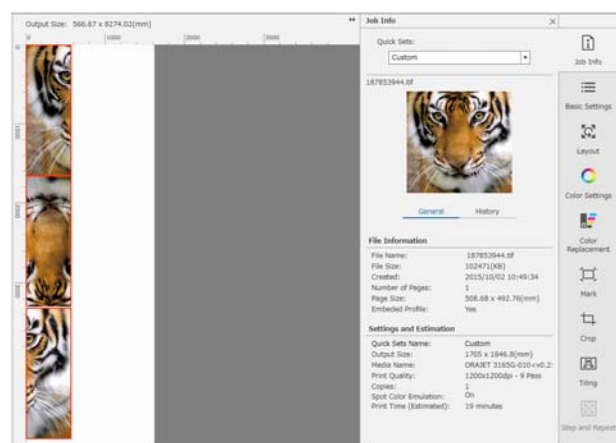
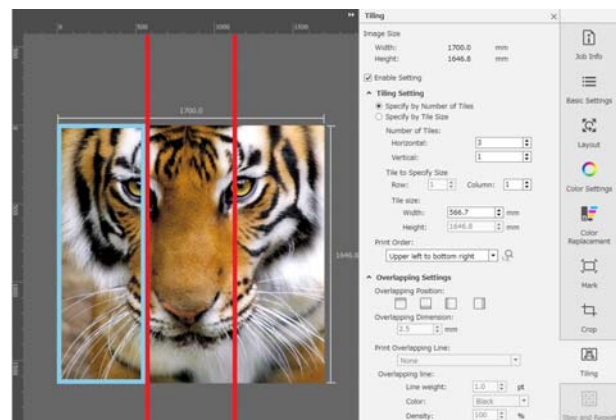
Introduction to Tiling

If an image is larger than the media is wide, you can divide the image (tiling) and print it. You can print images by specifying the number of tiles or the size of tiles.

To reduce or enlarge the size of the image to print, do the Layout settings in  in the Job Settings menu.

See the following for detailed information about Tiling.

✎ “Dividing a large image into parts to print it (tiling)” on page 49



Introduction to Step and Repeat

You can print a row of a single image in a repeating pattern.

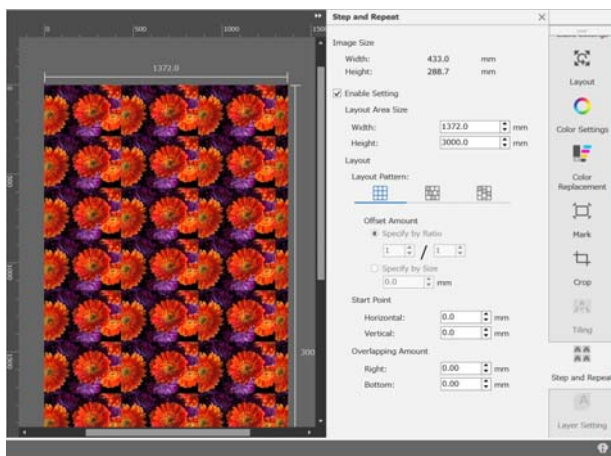
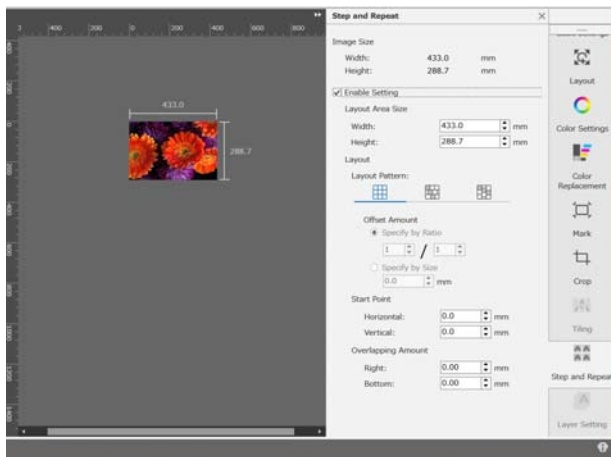
You can print patterns on the entire media by specifying the way to line up the image.

Do  (Layout) in the Job Settings menu to reduce or enlarge the size of the image on which to base the pattern.

See the following for detailed information about Step and Repeat.

Introduction to functions on the Job Setting menu

 “Printing repeating pattern (Step and Repeat)” on page 55



Introduction to Layer Setting

This setting menu is available only when the printer models in operation meet the following conditions.

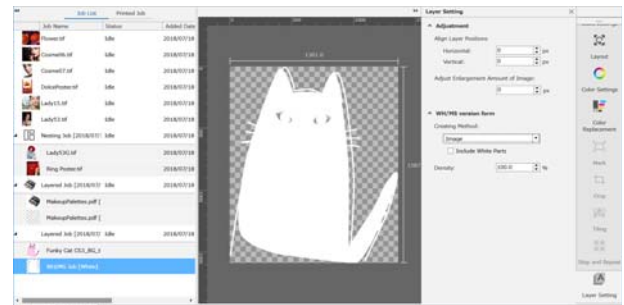
- ☐ For models with White/Metallic Silver ink
- ☐ For models with fluorescent color ink
- ☐ Models equipped with UV ink

Select the original color you want to replace with the spot color in the combined spot color job in the Job List.

Also, if an image set in spot color settings is misaligned with a color image in the results of printing layers, or if an image with a white background extends outside the color image, make adjustments.

See the following for more details about Layer Setting.

 “Printing layers (printing White, Metallic Silver, or Varnish)” on page 65



Introduction to Separation Color Settings

When printing data with separate channels for each color that makes up the image, you can adjust the output color for each channel.

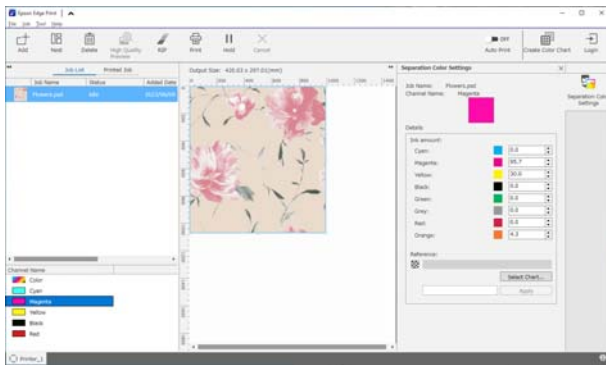
To adjust the output color, you can either print an output color specifications chart and select the output color you want, or specify the amount of ink to be applied for each color.

You need to create the print data with separate channels for each color in advance using image processing software.

See the following for detailed information about Separation Color Settings.

Introduction to functions on the Job Setting menu

 “Setting the Output Color for Each Channel (Separation Color Settings)” on page 114



Deciding the order of printing/RIP, and then sorting the Job List

Deciding the order of printing/RIP, and then sorting the Job List

When there are multiple jobs in the Job List, you can specify batch printing or decide on an order, and then specify printing. You can specify a batch or decide an order in the same way when doing just RIP processing, too.

You can sort the jobs in the Job List by deciding the order or by indicating an order when you specify RIP processing.

Specifying batch printing/RIP processing

- 1 Select jobs to print or to do RIP processing from the Job List.

While pressing the **Shift** key, click on the first and last jobs.

- 2 Click  (Print) or  (RIP) in the Job toolbar.

Deciding the order and printing/RIP processing

To decide the order and print/process RIP, rearrange the jobs in order in the Job List, and then print/process RIP.

- 1 Open the right click menu on the Job Name for which you want to change the order on the Job List, and then select the item, such as **Up**, to change the order.

Rearrange all of the jobs for which you want to change the order.

2

Click  (Print) or  (RIP) in the Job toolbar.

Note:

Each time you click on the title row of a column in the Job List, the list is rearranged in ascending/descending order relative to those items.

For example, you can click on **Job Name** to sort by the name of the job, or click on **Added Date** to sort by the date the job was added to the list.

Printing with the optimum settings for the media being used (printing using EMX)

Printing with the optimum settings for the media being used (printing using EMX)

To print with the optimum settings for the media you are using, you need to register the print information and the media setting values appropriate for the media you are using in the printer and the software.

This is because media has various unique characteristics. For example, there is media that needs large amounts of ink or that requires time to dry. If you do not print with the settings that match the media, the print results will not be satisfactory.

However, to do the settings to get the optimum printouts on the media you are using by finding the optimum values for each of the multiple setting items is complicated, and requires an extreme amount of time and work.

Here, we use the print files (EMX files) provided free from Epson to explain a method to easily print and get the print quality of the expert settings.

Depending on the model you are using or the country and region you are in, EMX files may not be provided. If this happens, refer to the following to print.

 [“Printing procedure \(first step\)” on page 14](#)

Preparing to print

Checking the operating environment

Check the following points.

- ☐ The printer and the RIP server (computer on which this software is installed) are connected correctly and the power is on.
- ☐ The RIP server is connected to the internet.

- ☐ The software is running.
- ☐ The printer you are using is registered in this software.
See the following to register a new printer.
 [“When you want to register or unregister a printer that is being managed” on page 142](#)
- ☐ Media is loaded on the printer and it is ready to print.

Preparing the print data

Prepare print data in a data format that is compatible with the software.

See the following for the compatible data formats.

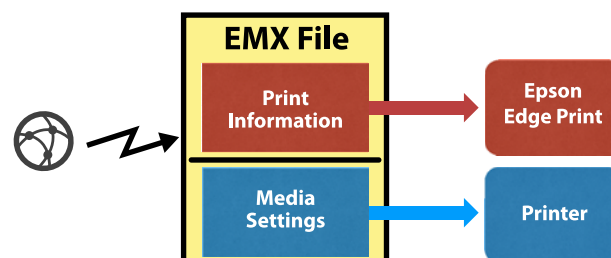
 [“Supported data formats” on page 164](#)

Generally, we recommend PDF for the following reasons.

- ☐ There are no broken links to images or disrupted layouts.
- ☐ Text does not need to be outlined.
- ☐ The appearance does not change, even for different versions of image processing software.

Preparing EMX files

An EMX file is a print settings file for each media type and includes the following information that is necessary to print appropriately on commercially available media. Depending on the model you are using, the EMX file may be called a Media Setting file.



Print Information

The setting values that are registered in the software, such as the media's ICC profile, number of passes, and resolution.

Printing with the optimum settings for the media being used (printing using EMX)

Media Settings

The setting values that are registered to the printer for the heater temperature, Platen Gap, Media Tension etc., that are appropriate for the media you are using.

In this section, we explain the procedure to acquire and register EMX files in the software.

To acquire an EMX file, the RIP server must be connected to the internet.

- 1 Click Tool menu - **Manage Preset** -  (Manage Print Info) in this order.
The screen changes to the Manage Print Info screen.
- 2 Click **+** (Add).
Adding Print Information starts.
- 3 Select **Acquire EMX File** and click **Proceed**.
A list of the EMX files provided for free by Epson is displayed.
- 4 Select the EMX file that is compatible with the media you are using.
Select one EMX file. You cannot select multiple EMX files at one time.
The EMX files that you have already acquired are greyed out and cannot be selected.
The ones that show **Update Available** in **Status** indicate that an EMX has been updated after you acquired it.
If you select and acquire an EMX that shows **Update Available**, the file that was already acquired is overwritten.
- 5 Click **Proceed**.
You can copy the media setting value for the acquired EMX file to the printer. To copy the file, select **Copy Media settings** and proceed to step 6.
If you are not copying the file, then proceed to step 7.

- 6 Select where to copy the media setting values within the EMX file, and then click **Execute**.

The media IDs (1 to 30) that are registered to the selected printer appear, so specify where to copy the media setting values (media IDs) within the EMX file acquired in step 4.

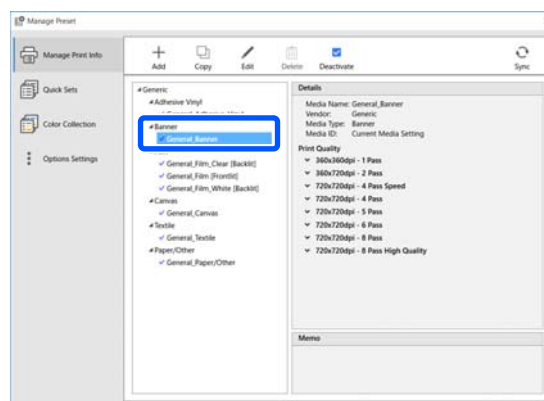
Selecting a number that is blank adds the values. Selecting a number that has already been registered overwrites the registered information.

- 7 Click **Finish**.

Acquisition and registration are done.

When registration is finished, the registered print information is added to the print information list.

Print information is identified by the media name.



The  on the left of the media name indicates that it is enabled. You can select enabled print information by using its **Media Name** in  (Basic Settings) in the Job Settings menu. If there are so many items displayed for a **Media Name** that it becomes difficult to choose, select print information that is not needed on this screen, and then click  (Deactivate). The  on the left side of the media name disappears and the print information is disabled.

You can customize settings based on acquired print information or create new print information.

See the following for detailed information about editing and adding print information.

 [“Creating print information suitable for the media being used” on page 128](#)

Printing with the optimum settings for the media being used (printing using EMX)

Preparing the printer

After acquiring the EMX file, do Media Adjust from the printer's settings menu.

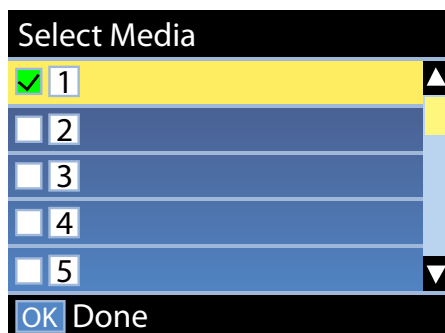
When you do Media Adjust, the registered media settings are optimized to match the individual differences of the printer.

If you do not execute Media Adjust, banding or graininess may appear in the print results.

Media Adjust is done in the printer's settings menu. An overview of the procedure is shown below.

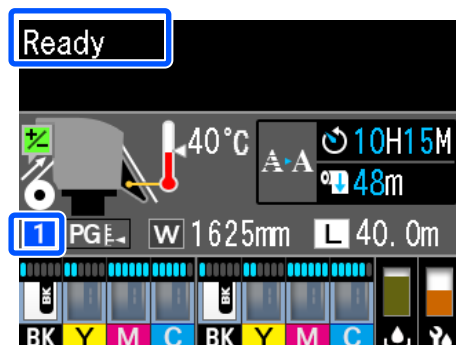
- 1 Load the media you are actually using on the printer.
When you have finished loading the media, the setting screen about the media you have loaded appears in the screen of the control panel.

- 2 In the **Select Media** screen displayed on the screen of the control panel, select the number you selected when you registered the media settings values in Epson Edge Dashboard.



When the media information settings are complete, the status screen is displayed.

Confirm that the specified media ID is displayed and that **Ready** is displayed.



- 3 Execute **Media Adjust** in the setting menu.
See the following for a detailed procedure.

☞ “Media Adjust” in the *User's Guide* (online manual)

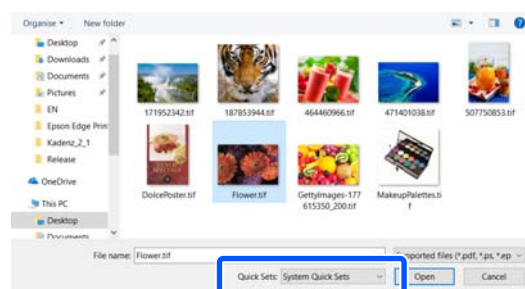
Printing procedure

- 1 Click  (Add) in the Job toolbar and add the print data to the Job List.
Or, drag and drop the print data onto the Job List.

The name of the data and a thumbnail for the print data that was added appear in the Job List.

Note:

When you click  (Add) and select the print data, you can also select Quick Sets at the same time.



Quick Sets are a saved batch of print job settings. Jobs are generated according to these settings.

☞ “Creating job settings that are often used (Quick Sets)” on page 124

- 2 Select a job to print from the Job List.
An image of the printout appears in the preview area.

- 3 Click  (Basic Settings) in the Job Setting menu.

The setting area changes to Basic Settings, and you can set the media size, media name (print information), and print quality (resolution and number of passes).

See the following for detailed information about basic settings.

☞ “Basic job settings” on page 36

Printing with the optimum settings for the media being used (printing using EMX)

- 4** Click  (Print) in the Job toolbar to start printing.

To print large jobs

While it depends on the performance of your server, with large jobs, such as long jobs or nested jobs, the print heads may stop and start during printing. If this happens, see the following and do RIP processing before printing.

 [“When the print heads start and stop during printing” on page 139](#)

When you want to print jobs in order in batches

When there are multiple jobs in the Job List, you can decide on an order and then specify batch printing.

When you have specified batch printing, you can sort the Job List in the order for printing.

 [“Deciding the order of printing/RIP, and then sorting the Job List” on page 24](#)

During printing, **Printing** appears in the **Status** column in the Job List. A progress bar for the remaining print time also appears in the preview area.

Note:

Check the status of the switch printer tab before starting to print. You cannot print if the status icon is one of the following.

 : Error has occurred.

 : Currently doing an operation other than printing, such as cleaning the heads or operating the panel.

 : The power is off or not connected.

Prepare the printer for printing.

Jobs that are finished printing are automatically moved to the Printed Job list.

See the following for how to use the Printed Job list.

 [“Reprinting a job that has been printed once” on page 32](#)

Use the Job Setting menu to enlarge or reduce jobs, to print only a portion of an image, or to print an image that is wider than the media.

Introduction to various functions  [“Introduction to functions on the Job Setting menu” on page 17](#)

Stopping printing

Use the following procedure if you want to stop printing while a job is printing.

- 1** Select the job to stop printing from the Job List, and click  (Cancel) in the Job toolbar.
Or, open the right click menu on the name of the job to stop printing and select **Cancel**.
- 2** When the confirmation screen appears, click **Yes**.

Printing with decided settings (hot folder printing)

Printing with decided settings (hot folder printing)

What is a hot folder

If you register a printer and job settings that you often use as a hot folder, you can automatically use those print settings by just dragging and dropping print data into the hot folder.

The features of a hot folder are shown below.

- ☐ You do not need to start the software on the computer from which you are specifying printing.
- ☐ This is useful for routine work that is done every day that does not need individual settings for each job.

Because of this, if you create a number of individual hot folders for each of the job settings that are often used every day, then you can print from a computer on the network, how you want by just dragging and dropping print data to the hot folder with the settings you want to print.

The method to create a hot folder is explained below.

Procedure to create a hot folder

Creating a hot folder is done in the two following steps.

1. Create a batch of job settings to set in a hot folder, and then save them as Quick Sets.

You can create Quick Sets by doing all the settings that are needed in a dialog box.

2. Create a hot folder by using the Registering Hot Folder wizard.

1

Click Tool menu - **Manage Preset** -  (Quick Sets) -  (Add) in this order, to create the Quick Sets to set in the hot folder.

You can create settings for  (Basic Settings),  (Layout), and  (Color Settings) from the Job Setting menu as Quick Sets.

For details,  “[Creating job settings that are often used \(Quick Sets\)](#)” on page 124

2

Click Tool menu - **Preferences** -  (Hot Folder) -  (Register) in this order.

The Registering Hot Folder wizard starts; follow the onscreen instructions to add a hot folder.

If you select **Share a Folder (Everyone)** in the Registering Hot Folder wizard, then the hot folder you create becomes a shared folder. You can access the RIP server (computer on which this software is installed) and all of the computers on the network. It is convenient to create shortcuts to the hot folders that are needed on the desktops of the computers that use the hot folders.

Important:

*If you select **Share a Folder (Everyone)** in the Registering Hot Folder wizard, then access is possible from the RIP server and all computers on the network.*

For security reasons, you can set access rights to the shared folder to limit the users that have access.

Note:

You can search for the shared folders that have been created on the RIP server as shown below.

- ☐ **Windows**
Selecting the RIP server computer on the network using Explorer displays the hot folders.
- ☐ **Mac**
*Open **Connect to Server** and click RIP server in the list to display the hot folders.*

Printing with decided settings (hot folder printing)

Cautions when printing with hot folders

Putting print data into a hot folder adds it to the Job List of the printer that is set as the output printer of the hot folder.

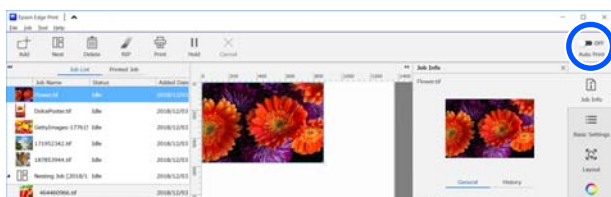
Note the following points when using hot folders.

We recommend using the printer that was defined when creating the hot folder for printing from hot folders only.

If you set print data to Nest or Tiling on the Job List of a printer that is set as the output printer in a hot folder, then the print data that is added to the hot folder may interrupt the work that is in progress in some unexpected way.

We recommend using them with Auto Print set to ON.

Each time  OFF (Auto Print) is clicked, it switches between  ON and  OFF.



If you set  ON, then each time print data is put in the hot folder, it is printed in order.

By setting it to  OFF, the jobs are not printed until some time when print is executed after a job is added to the Job List.

Printing procedure

- 1 Prepare to print with the software and printer.
 [“Preparing to print” on page 25](#)

- 2 Drag and drop the print data to the hot folder you want to use.

If you have set **Auto Print** to  ON, then printing starts in the order in which the job was added.

If you have set it to  OFF, then select the job in the Job List and click  (Print) to print.

Unregistering a hot folder

You can unregister a hot folder that is no longer needed with the following procedure.

You must unregister hot folders in the following cases.

- ☐ When you have already registered 50 hot folders. You need to remove unnecessary hot folders to create a new hot folder as you cannot register more than 50 folders.
- ☐ When you unregister a printer that is set as the output printer for a hot folder. You cannot unregister a printer while the hot folder is registered. First unregister the hot folder, and then unregister the printer.

- 1 Click Tool menu - **Preferences** -  (Hot Folder) in this order.
- 2 Select the hot folder to unregister in the list, and then click  (Unregister).
- 3 When the confirmation message appears, click **Yes**.

Even if you unregister a hot folder, the folder itself remains without being deleted.

To reregister a folder as a hot folder after it has been unregistered, in the Hot Folder screen, click  (Register) to specify the folder in **Specify Folder**.

If you do not need the folder, delete it in Explorer.

Disabling a hot folder

Disable hot folders when you will not be using them for a while. You can drag and drop print data into the disabled hot folder as normal, but it just collects in the hot folder and is not sent to the Job List. If you change the setting to enabled, the collected print data is added to the Job List in order.

Printing with decided settings (hot folder printing)

- 1 Click Tool menu - **Preferences** -  (Hot Folder) in this order.
- 2 In the list, click **Enable** to clear the checkbox of the hot folder to disable it.
To return it to enabled, click the checkbox to select **Enable** checkbox.

Changing the Quick Sets set in hot folders

- 1 Click Tool menu - **Preferences** -  (Hot Folder) in this order.
- 2 Select the hot folder for which to change the Quick Sets in the list, and then click  (Change).
- 3 A change dialog box appears; select the changed Quick Sets.

Reprinting a job that has been printed once

Reprinting a job that has been printed once

Jobs that are finished printing are automatically moved from the Job List to the Printed Job list.

To reprint a job that has been printed once, select the job you want from the Printed Job list, and print it.

You can select one of the following to print from the Printed Job list.

- ☐ **Reprint**
Printing is done as is, using the job settings from when it was printed previously.
- ☐ **Change Settings and Print**
The selected job is added to the Job List and printed with new job settings.

You can save jobs that have been printed to a file. By saving print jobs to a file, you can save the job data to a device such as your computer, which allows you to delete the job from the Printed Job list and free up storage space on the RIP server (the computer on which this software is installed). This software can import and reprint job data saved in a file. You can also save jobs to a file before they are printed, which allows you to include various settings from the Job Settings menu.

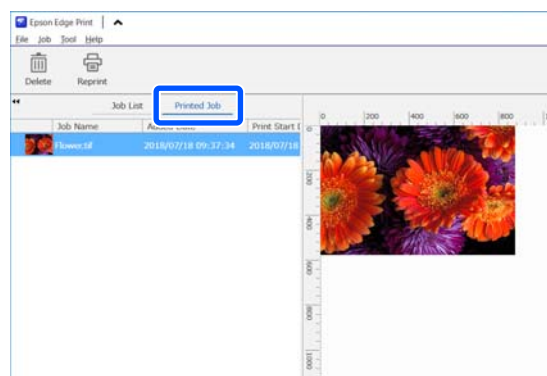
See the following for instructions on saving jobs (Export) and importing saved jobs (Import).

 [“Saving Job Data to a File” on page 34](#)

Reprinting procedure

- 1** Prepare to print with the software and printer.
 [“Preparing to print” on page 25](#)

- 2** In the main screen, click the print tab of the printer on which to print, and then click the **Printed Job** button.



Switch to the Printed Job list.

- 3** Select the job you want to reprint from the Printed Job list and do one of the following.

To reprint

Click  (Reprint) in the Job toolbar.

Or, open the right click menu on the name of the job to reprint and select **Reprint**.

Reprinting starts.

To check the status, such as jobs that are waiting, click the **Job List** button to switch to the Job List.

Note:

Reprinting jobs may take some time because the process starts from the RIP processing.

If you frequently reprint jobs, you can reduce the reprint time by making settings so that ripped data is automatically saved after printing.

 [“Saving Ripped Data After Printing” on page 33](#)

Changing settings and printing

Open the right click menu on the name of the job to reprint and select **Change Settings and Print**.

The job is added to the Job List.

Click **Job List** to switch to the Job List, select the job that you added, and then do the job settings.

See the following for detailed information about job settings.

Reprinting a job that has been printed once

 [“Basic job settings” on page 36](#)

 [“Setting the layout” on page 41](#)

Saving Ripped Data After Printing

Normally, ripped data is automatically deleted when printing the job is complete.

If you follow the steps below to automatically save the ripped data after printing, the ripped data is printed when the job is reprinted, thereby reducing the reprinting time. However, you will need to delete unnecessary jobs regularly, otherwise the RIP server's storage device may run out of space.

 [“Organizing the Printed Job list” on page 33](#)

- 1 Click Tool menu - **Preferences** -  (RIP Server), in this order.
- 2 Select **Save Ripped data when printing is complete** from **Data Storage**.
- 3 When the settings are complete, click **Apply**.

Organizing the Printed Job list

If you allow a large number of jobs to accumulate in the Printed Job list, the ripped data for these jobs is retained, causing the RIP server's storage device to run out of space.

We recommend periodically deleting unneeded jobs by using the following procedure.

Deleting individual jobs

- 1 In the main screen, click the print tab of the printer on which to print, and then click the **Printed Job** button.
Switch to the Printed Job list.

- 2 Select the job to delete from the Printed Job list, and click  (Delete) in the Job toolbar.
Or, open the right click menu on the name of the job to delete and select **Delete**.

You cannot delete jobs marked with  as they are protected.

To delete a protected job, right-click on the job name to open the menu and select **Remove Protection**.

- 3 In the confirmation message, click **Yes**.

Deleting batches of jobs

You can delete batches of jobs by filtering them based on the print date.

We recommend that you protect any jobs you do not want to delete.

 [“Protecting printed jobs” on page 34](#)

- 1 In the main screen, click the print tab of the printer on which to print, and then click the **Printed Job** button.
Switch to the Printed Job list.
- 2 Check job thumbnails, **Job Name**, **Print End Date**, and so on.
Check the filtering conditions to select jobs you want to delete based on the print date.
- 3 Click the Tool menu - **Batch Delete Printed Jobs**.
- 4 Choose the filtering conditions for jobs you want to delete in **Job Deletion Conditions**, and specify the print date according to the selected conditions.
When **Jobs printed before specified date** is selected, set **Specified Date**.
When you select **Jobs printed during specified period**, set **Start Date** and **End Date** as the period.
Printed jobs that match the set filtering conditions are displayed as a list. Protected jobs are not displayed.

Reprinting a job that has been printed once

- 5 Click **Delete**.
The selected printed jobs are deleted.

Protecting printed jobs

You can protect jobs in the Printed Job list from being accidentally deleted.

- 1 In the main screen, click the print tab of the printer on which to print, and then click the **Printed Job** button.
Switch to the Printed Job list.
- 2 Right-click on the name of the job you want to protect in the Printed Job list to display the menu and select **Protect**.
You can use any of the following methods when selecting multiple jobs.
Select multiple consecutive jobs
While pressing the **Shift** key, click on the first and last jobs.
Select multiple nonconsecutive jobs
While pressing the **Ctrl** key, click on the various targeted jobs.
 is displayed on the job and the job is protected.

Note:

To remove protection, right-click the job name of a protected job and select **Remove Protection**.

Saving Job Data to a File

You can save printed jobs and jobs before printing that include various settings from the Job Settings menu to a file (Export), load the file using this software when reprinting (Import), and add it to the Job List.

Note the following points when saving job data.

- ❑ Job data exported using this software with an Epson Edge Print PRO license cannot be imported by this software if only an Epson Edge Print license has been registered.

- ❑ If the settings in this software differ when exporting and importing, the exported job settings may not be reproduced when the file is imported.

Exporting jobs

- 1 Select the job you want to export in the Job List or the Printed Job list, right-click, and then select **Export** from the menu displayed.
You can use any of the following methods when selecting multiple jobs.
Select multiple consecutive jobs
While pressing the **Shift** key, click on the first and last jobs.
Select multiple nonconsecutive jobs
While pressing the **Ctrl** key, click on the various targeted jobs.
You cannot export if the selected jobs include jobs that are being printed or undergoing RIP processing. Export after the printing or RIP processing is complete.

Note:

You can also export by clicking the Job menu - **Export**.

- 2 Select where to save the file, and then save. Select **Delete job after exporting** to delete the job from the list after saving.
The extension for the saved file is (.epjx).

Importing and adding jobs

Follow the steps below to import job files (.epjx) and add them to the Job List.

- 1 Display the Job List, and then click the Job menu - **Import**.
The Import Job wizard begins.
- 2 Click **Browse**, navigate to where the file is saved, and then select the file you want to import.
You can select up to 100 files.

Reprinting a job that has been printed once

3 Click **Proceed**.

4 **Check Results of Import Files** indicates whether or not the file selected in step 2 can be imported.

Check the message and, if necessary, clear the checkboxes for the files you do not want to import.

Files with a checkmark in the checkbox to the left of the file name are imported.

For files with an  icon, some settings in the exported job cannot be reproduced when importing and are returned to their default values. You need to change settings that cannot be reproduced after importing.

Clearing **Also import files that contain settings that cannot be reproduced** also clears the checkboxes for files with a  icon.

Files with an  icon cannot be imported.

Note:

When importing files with an  icon, we recommend clicking **Output Check Results** and saving the **Check Results of Import Files** display content as a CSV format file.

When changing job settings after importing, this file allows you to check items that were returned to their default values during the import.

5 Click **Finish**.

The job name of the imported file is added to the Job List.

Basic job settings

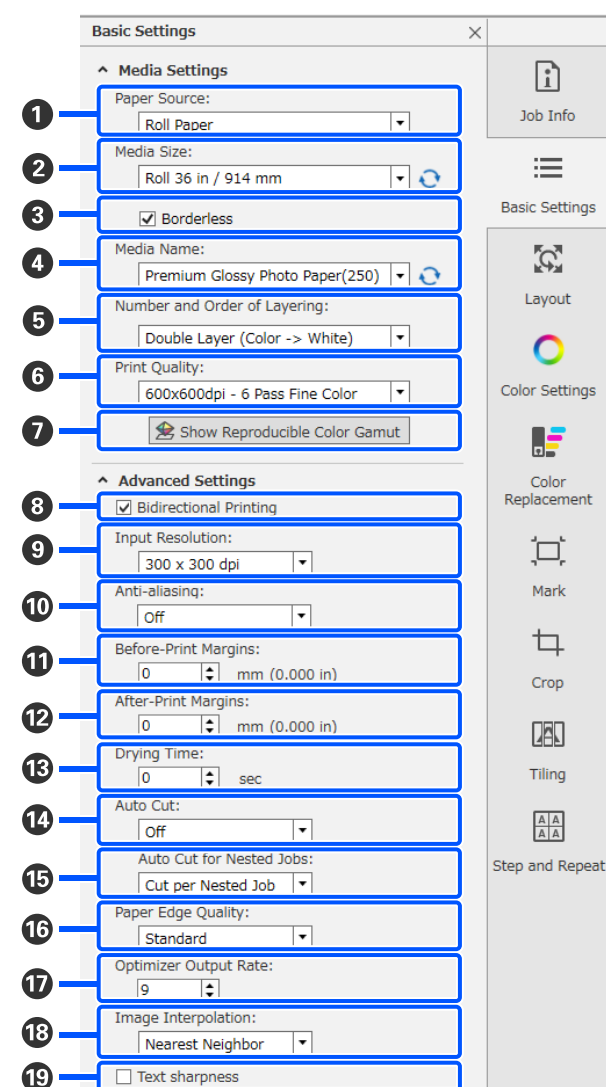
This section explains the basic job settings.

1 Select a job for which to do the basic settings from the Job List.

2 Click  (Basic Settings) in the Job Setting menu.

The setting area changes to Basic Settings.

Displayed items differ depending on the printer you are using.



1 Paper Source

Select **Roll Paper**, **Auto Sheet Feeder**, **Cut Sheet**, or **Poster Board** depending on the paper source of the loaded media.

On models with a double roll, select either **Roll 1**, **Roll 2**, or **Roll Auto** instead of **Roll Paper**. When you select **Roll Auto**, the printer selects the appropriate paper source according to the Media Size, Media Name, and job size.

2 Media Size

Adding print data to the Job List automatically acquires the width of the media that is loaded in the printer, and displays the closest size available to the acquired media width in the list box.

Clicking  on the right side of the list box allows the printer to acquire the width of the media that is currently loaded in the printer when the printer's media is replaced after a job is added.

Note:

If you want to print using the actual width of the media that is loaded in the printer instead of the specified size, change the media size acquisition setting.

See the following for details on how to change the setting.

[“When you want to acquire the actual size of the media loaded in the printer” on page 133](#)

Change the default media size if you want to set a frequently used media size that does not depend on the media loaded in the printer.

How to change the initial settings  *[“When you want to change the initial settings of Media Size” on page 133](#)*

If the width of the media that is currently loaded in the printer is not displayed in the list box even when you click  on the right of the list box, your printer does not support media width acquisition. Select the same size as the size of the media loaded in the printer.

Note:

In the following cases, you can select custom media sizes that you create from the list box.

- ☐ When the size you want to use is not in the list box.
- ☐ When you want to load cut sheet media and print on it.

How to create custom media sizes  [“When you want to create non-standard media sizes \(custom media sizes\)” on page 133](#)

Basic job settings

3 Borderless

This is only displayed when roll media is selected as the **Media Size**.

Select this to print without borders (without margins). See the following for detailed information about borderless printing.

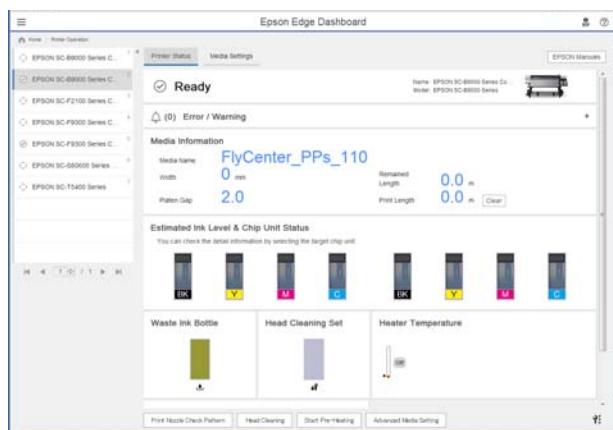
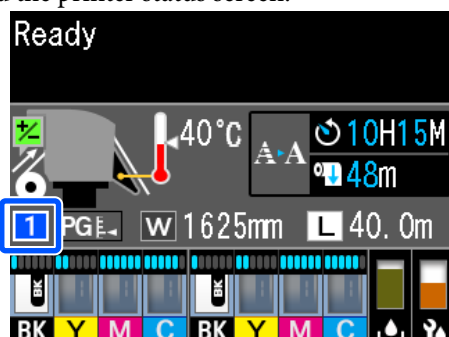
 [“Printing Without Borders” on page 123](#)

4 Media Name

These settings are to be applied to the print information and the media setting values.

The following shows how the settings differ when you use an EMX file for printing from when you do not.

- ☐ When using an EMX file for printing
After acquiring an EMX file, select, on the printer, the media ID that was registered beforehand in the media setting values on the Epson Edge Dashboard. The currently set media ID is displayed in the status screen on the control panel of the printer and the printer status screen.



Click  on the right of the list box for the **Media Name** to display the name of the Media ID that is currently set in the printer. The print

information that corresponds with that Media Name is used to process jobs.

If the corresponding print information is not registered in the software,  appears on the right side of the list box. If  is displayed, do a **Sync** in **Manage Print Info**.

For details about synchronization,  [“When synchronizing media settings and print information” on page 134](#)

- ☐ When not using an EMX file for printing
The printer's current media settings change to the Media ID that was registered in **Easy Media Setup** or to any setting saved using **Customize Settings**. Furthermore, do not select the media setting [00 RIP Settings] because it cannot be used with this software.
In the list box for the **Media Name**, select the media type that correlates with the media that is loaded, or match it to the media type that was selected in **Easy Media Setup**.

5 Number and Order of Layering

From the list box, set the print order for color images and the images set to White/Silver/Varnish when images set to White/Silver/Varnish are included in the jobs.

When images set to White/Silver/Varnish are not included in the job, set this to **Single Layer (Color Only)**.

When you select a model, other than the SC-V7000, that supports UV ink as the printer you are using, you can set **Single Layer (UV Light Irradiation Only)** to only perform UV light curing without printing.

 is displayed on the right of the list box only when a model equipped with UV ink is selected as the printer you are using. Click to display the Custom Settings dialog box, which allows you to customize the number of layers and stacking order for the print information selected in **Media Name**.

 [“When you want to customize the number and order of layering for layered printing” on page 76](#)

6 Print Quality

Select a mode that is suitable for both quality and print speed.

Basic job settings

Align the mouse pointer on the list box so you can confirm the currently selected number of passes and the output resolution for the print quality.

Note:

If **Backlit Film** is selected in **Media Name**, a mode is selected in **Print Quality** that has "High Quality" after the number of passes. Selecting a mode that has "High Quality" produces print results with greater granularity.

However, banding may occur, depending on the environment, media, and image that you use. If you are worried about banding, change to a mode that does not have "High Quality".

In Print Quality, you can add modes, and change the output resolution, number of passes, and the print density.

See the following for detailed information about Print Quality.

 ["Creating print information suitable for the media being used" on page 128](#)

The ink settings only appear after the item name, such as **Print Quality (Print with All Colors (Manually Adjust Fluorescent Colors))**, when you select a printer with fluorescent colors as the target printer. The current settings of Quick Sets for **Fluorescent Color Setting** are displayed in parenthesis. In **Fluorescent Color Setting**, you can set the ink used for printing and print the Y and M parts of CMYK jobs using the printer's FY and FP inks, and print using CMYK inks only without using FY and FP inks.

If the ink settings displayed here do not match the color settings for the job, printing is not performed correctly. This information is only displayed here. You can change the settings in Quick Sets.

 ["Creating job settings that are often used \(Quick Sets\)" on page 124](#)

7 Show Reproducible Color Gamut

Click to open the Gamut Viewer screen in a separate window. You can check the color gamut of the media profile used for the selected job, as well as the coordinates of spot colors and color replacement information in the image.

 ["Checking the Reproducible Color Gamut \(Gamut Viewer\)" on page 103](#)

8 Bidirectional Printing

If you clear this check mark then printing is done in only one direction; the print heads only print when moving in one direction. The print quality is improved, but printing is slower than normal.

If ruled lines are misaligned or unevenness occurs, using one-direction printing may solve the problem.

9 Input Resolution

Available input resolutions differ depending on the selected **Print Quality**.

When multiple Input Resolution are displayed in the list box, select a higher resolution to print fine text and other details at a higher resolution.

When you select a model that supports UV ink as the printer you are using, and a customized number of layers or layering order is selected in **Number and Order of Layering**, you can set the input resolution for each layer.

See the following for more details on customizing the number of layers or layering order.

 ["When you want to customize the number and order of layering for layered printing" on page 76](#)

10 Anti-aliasing

Set this when you are using an Epson Edge Print PRO license and the print data is in PDF format or is an EPS or PS file containing line drawings.

When this is set to **On**, Anti-aliasing processing is performed on the print data to smooth the borders of characters and lines.

Note:

This item can also be set in the following situations, but Anti-aliasing processing is not performed on the print data.

- ☐ When set to use PostScript for PDF RIPs.
 ["When the tones in the print results differ from previous results" on page 135](#)
- ☐ When the data format of the print data is anything except for PDF format or an EPS or PS file containing line drawings.

Basic job settings

11 Before-Print Margins

Enter the margin length to be set before printing a job.

Insert a before-print margin when printouts are wrapped and attached to a panel or something.

12 After-Print Margins

Enter the margin length to be set after printing a job.

Use After-Print Margins when loading printed materials in commercially available transfer machines or cutting machines.

13 Drying Time

When doing continuous printing, the time that is set here is the waiting time before the next job starts printing. This can prevent ink from smudging onto the back of printouts while they are wound up during continuous printing. When printing on sizes larger than A2, we recommend setting a drying time in **Drying Time Per Pass** in the Setting Menu on the printer.

For details about the setting menu,  the *User's Guide* (online manual)

14 Auto Cut

On models with a built-in auto sheet feeder, this function is only enabled when **Roll Paper** is set as the **Paper Source**.

Set this to **Cut per Job** to automatically perform cutting at a preset cut position for each job.

When **Cut per Page** is set, jobs with a specified number of copies are cut one by one. Set the number of copies in Layout.

Even if **Cut per Page** is set for nested jobs, cutting is performed for each job.

See the following for detailed information about copy settings.

 [“Setting the layout” on page 41](#)

When **Cut for each job (2 cuts - no top/bottom borders)** or **Cut for each page (2 cuts - no top/bottom borders)** is set, the printer cuts automatically at the top and bottom edges of each job or page. You can perform top and bottom borderless printing without selecting **Borderless**.

When **Borderless** is selected, **Single Cut** and **Double Cut** are displayed allowing you to set cutting operations for borderless printing. See the following for detailed information about cutting operations for borderless printing.

 [“Printing Without Borders” on page 123](#)

The software's settings have priority over the printer's cut settings.

15 Auto Cut for Nested Jobs

This is available only when the root of the nested job (the line in which  is displayed to the left of the job name) is selected, and **Cut per Job** or **Cut for each job (2 cuts - no top/bottom borders)** is set in **Auto Cut**.

When **Cut per Nested Job** is set, the job is automatically cut at the bottom of the nested job.

When **Cut at Bottom Margin** is set, the bottom margin of the image is automatically cut where it is horizontally aligned. A blue line indicating the approximate cutting position is displayed in the preview area.

16 Paper Edge Quality

If you are worried about the print quality at the top of the paper, select **Add Top Margin** or **Optimize Media Edge Print Quality**.

If this is set to **Add Top Margin**, printing is performed at the same speed as normal printing, but the margin at the top will be larger than usual.

If this is set to **Optimize Media Edge Print Quality**, the print speed is slower than normal.

However, this may not be reflected in the print results depending on the media you are using and the Print Quality and Borderless settings you have made.

17 Optimizer Output Rate

Set this when you want to adjust the discharge amount for the Optimizer for each job.

You can also set the discharge amount for the Optimizer for each print mode in Print Quality.

See the following for detailed information about Print Quality.

Basic job settings

 “Creating print information suitable for the media being used” on page 128

18 Image Interpolation

This is only available when the data format of the print data is TIFF.

Set to **Bicubic** if no lines are printed in the print results of an image that contains thin lines such as a geometric pattern.

Depending on the model you are using, this setting may apply to all print data. If fine lines in the image are not printed even after setting **Bicubic**, change the setting to **Bilinear (Supersampling)**.

19 Text Sharpness

Select this for images containing text if print results are not clear when printing black text, or when printing white text on a black background.

However, since this is also applied to the edges of black areas in images other than text, white streaks may appear in gradation parts, and the print results may differ from the print data.

Setting the layout

Setting the layout

This section explains the how to set up the layout to print on the media.

- 1 Select a job for which to do the layout settings from the Job List.
- 2 Click  (Layout) in the Job Setting menu.
The setting area changes to Layout.

When you want to print more than one copy

Enter the number of copies you want to print in **Copies**.

For nested jobs and multi-page jobs, you can select the root (the line in which  or  is displayed to the left of the job name) and enter the number of copies to apply that number of copies for all selected jobs. If you select the jobs for which you want to set the number of copies under the root and enter the number of copies, the entered number of copies is applied only to the selected jobs.

There are two ways you can set multiple copies.

- ☐ Set multiple copies for all jobs
Select **All Jobs** and enter the number of copies. The image is arranged so that it fits within the media width set in  (Basic Settings) in the Job Settings menu.
- ☐ Set the number of items to be arranged horizontally/vertically
Select **Horizontal** and enter the number of images to be arranged horizontally/vertically. Images that extend beyond the media width or length set in  (Basic Settings) in the Job Settings menu are not printed.



You can change the way images and pages are arranged when multiple copies are set for nested and multi-page jobs.

 “When you want to change the arrangement method when setting the number of copies for a nested job” on page 137

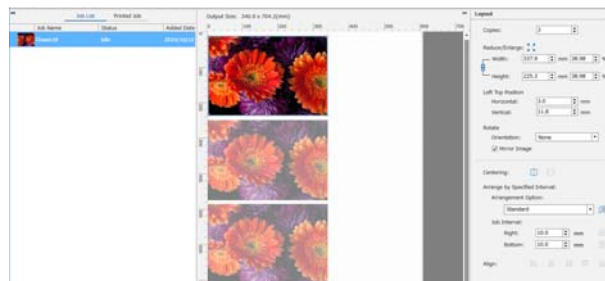
Jobs that have a multiple number of copies set are treated as nested jobs.

 “Using media efficiently without waste (nested printing)” on page 46

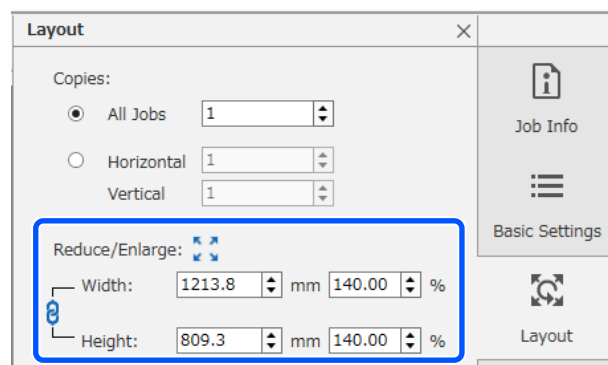
However, for single jobs in the following situations, a job with multiple copies set is printed as one page per job.

The layout set on the first page is applied to all pages, and you cannot make layout settings for each individual page.

- ☐ When **Cut per Page** is set for **Auto Cut** in  (Basic Settings)
- ☐ When **Auto Sheet Feeder/Cut Sheet** is set for **Paper Source** in  (Basic Settings)
- ☐ When Sheet is set for **Media Size** in  (Basic Settings)



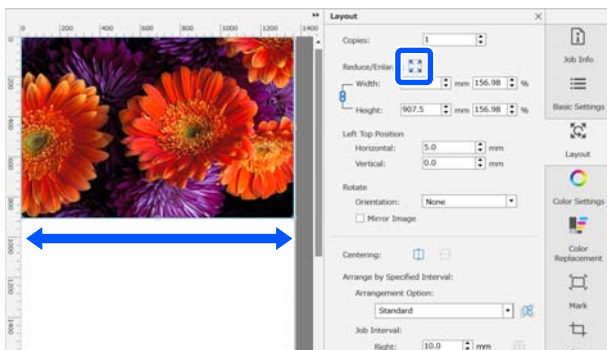
When you want to enlarge or reduce printouts



There are the following three methods to enlarge and reduce printouts.

Setting the layout

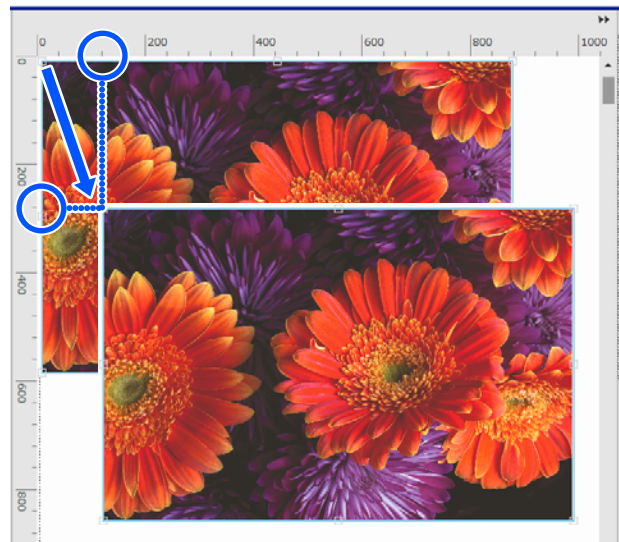
- ❑ Specifying a size to enlarge or reduce printouts
To enlarge or reduce the printout, enter the size of the **Width** and the **Height** in **mm** or **inch** in **Reduce/Enlarge**.
Each time  is clicked, it switches between  and .
 locks the aspect ratio when enlarging and reducing printouts.
 does not lock the aspect ratio.
- ❑ Specifying a ratio to enlarge or reduce printouts
To enlarge or reduce the printout, enter the ratio of the **Width** and the **Height** in % in **Reduce/Enlarge**.
Each time  is clicked, it switches between  and .
 locks the aspect ratio when enlarging and reducing printouts.
 does not lock the aspect ratio.
- ❑ Enlarging or reducing the printout to the full width of the media
By clicking , you can automatically enlarge or reduce the image to the full width of the currently set media.
To return the image to its original size, set 100% for the **Width** and **Height**.
Example of enlarging the printout to the full width of the media



You can also enlarge or reduce the printout by dragging the edge of the image in the preview area.

When you want to change the position

Specify the position using the coordinates of the image's upper left corner. Enter the **Horizontal** and **Vertical** values in the following image for the **Left Top Position** to specify the position.



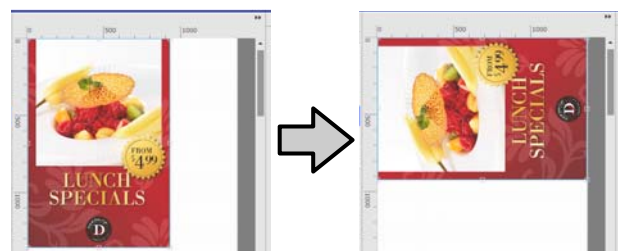
You can also drag the image into the preview area to specify the position.

During layout, if one image overlaps another image, the outer edges of the images turn red, as a warning that they are overlapping.

When you want to rotate or reflect images

You can reduce wasted media by rotating long images so they go across the width of the media when printed.

Example of 90° Counter-Clockwise rotation



In addition, you can check **Mirror Image** to print a reflected image of the image, such as for window displays.

Setting the layout

Mirror Image is already selected when dye sublimation ink printer is selected.

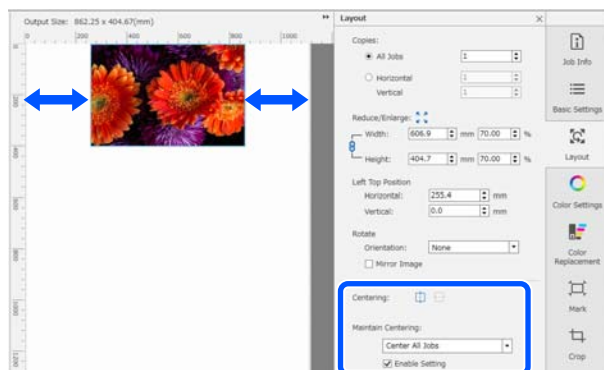


When you want to place an image in the center

Click  (Centering Horizontally) or  (Centering Vertically) to automatically center the image to the width or length of the media.

 is only enabled when a setting other than **Roll Paper** is selected for **Paper Source** in  (Basic Settings) in the Job Settings menu.

Example for Centering Horizontally



If you select a centering method from the **Maintain Centering** list box and select **Enable Setting**, horizontal centering will always be performed using the selected centering method.

The following shows the types of centering method available.

Center All Jobs
Centers all selected jobs. When there are multiple images in one job, such as in a nested job or a multi-page job, the entire area, including all images, is centered.
Center By Job

Centers each job when the root to the nested job (the line in which  is displayed to the left of the job name) is selected.

When you select the root to a multi-page job or a single job, the result is the same as for **Center All Jobs**.

Center By Image

Centers each image in the selected job. Centering is also performed for each image when multiple copies are set for a single job.

Horizontal centering is maintained even when the number of copies is changed, or you make layout settings such as reduce/enlarge, rotate, and so on. However, you cannot set reduce/enlarge or change the positioning in the preview area; you need to set them in the settings area.

Also, you cannot set **Maintain Centering** when **Borderless** in  (Basic Settings) is selected in the Job Settings menu.

When you want to arrange an image efficiently

There are the following three ways to efficiently arrange nested jobs on the media.

- ❑ Automatically arranging images efficiently
Select **Arrangement Option** and click  to automatically place images on the media in an efficient and easy-to-cut manner. You can change the interval at which jobs are arranged in **Job Interval**.
The following shows the types of **Arrangement Option** available.

Standard

Jobs are efficiently arranged according to the order of jobs in Job List. When there are jobs for which multiple copies have been set, the same jobs are arranged together to make it easier to cut each job.

You can also change the way jobs are arranged. See the following for details.

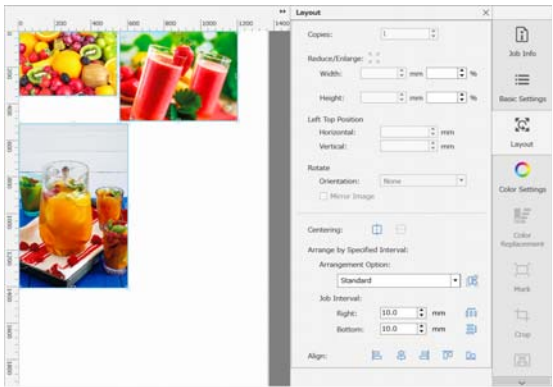
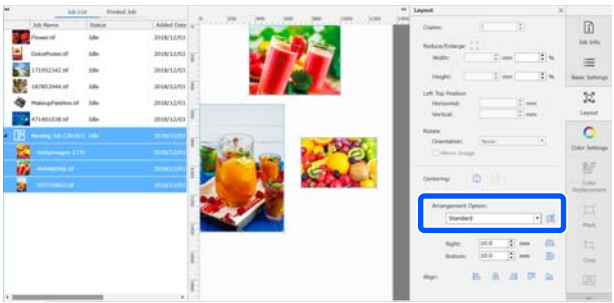
 ["When you want to change the arrangement method when setting the number of copies for a nested job" on page 137](#)

Standard (No Grouping)

Jobs are efficiently arranged according to the order of jobs in Job List. Even when there are jobs for which multiple copies have been set, they are placed more efficiently than when using **Standard** because priority is given to more efficient arrangements than to grouping by job.

Setting the layout

Tight
Jobs are arranged in the most efficient order regardless of the order of the jobs in Job List. Images may be rotated for a more efficient arrangement.
Tight (No Rotation)
Jobs are efficiently arranged regardless of the order of jobs in Job List, but images are not rotated.

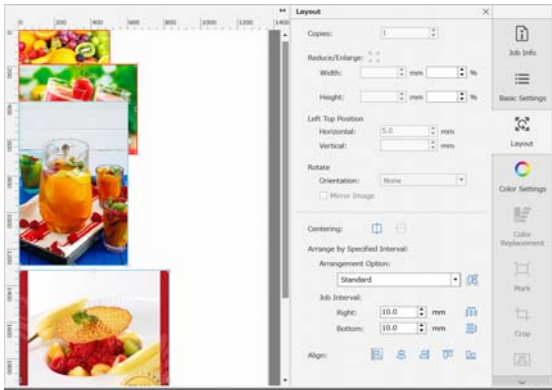
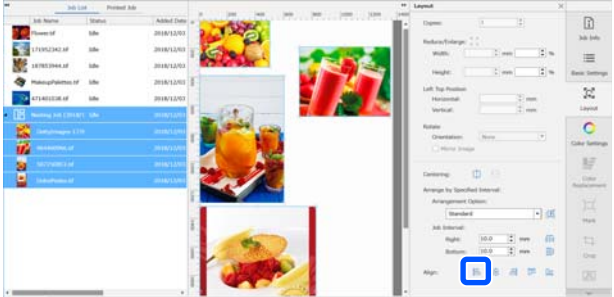


- ❑ Arrange by aligning with the reference image
Select multiple images to align, and then click the following icon to arrange them the way you like.

	Arrange by aligning with the left side of the image positioned at upper left corner
	Arrange by aligning with the central horizontal position of multiple selected images
	Arrange by aligning with the right side of the image positioned at upper right corner
	Arrange by aligning with the upper side of image positioned at the very top

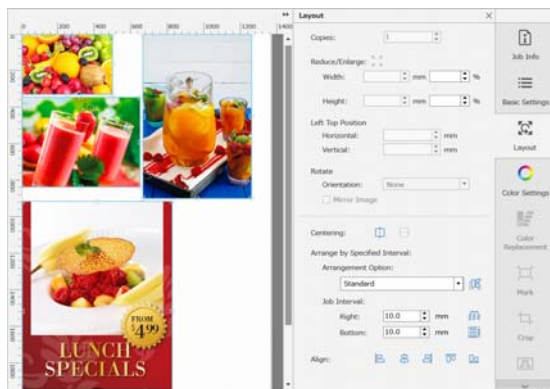
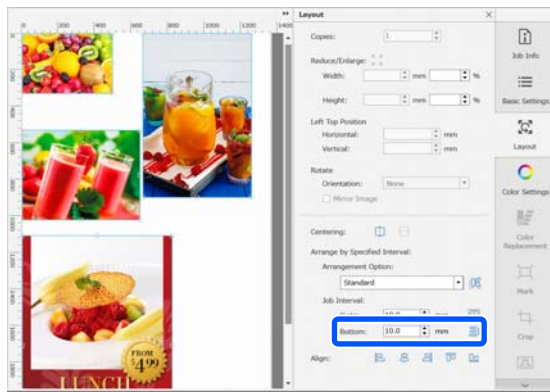
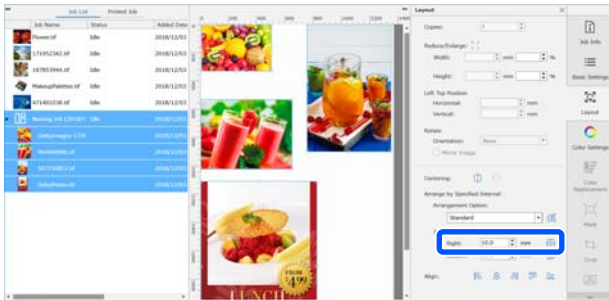
	Arrange by aligning with the lower side of image positioned at the very bottom
--	--

Example of when a nested job is selected and is clicked



Setting the layout

- ❑ Arrange by specifying the spacing between images
You can arrange the images quickly and efficiently by using **Right** and **Bottom** in combination.



Using media efficiently without waste (nested printing)

Using media efficiently without waste (nested printing)

You can print in batches by checking images in the preview areas to position multiple jobs on the media so there are no unneeded margins.

By doing this, you can use media without waste.

Positioning multiple jobs is called a “Nest”. When you have nested jobs in a group they are called a “Nested job”.

With this software, multiple jobs are positioned and handled as a nested job as shown below.

- ☐ Selecting multiple individual jobs for nesting
In the Job List,  appears on the left side of the name of the job.
- ☐ Setting multiple copies with  (Layout) in the Job Setting menu
However, depending on the settings, this may not be treated as a nested job.
[“Setting the layout” on page 41](#)
- ☐ Jobs from multiple pages, such as a PDF
In the Job List,  appears on the left side of the name of the job.

The following jobs cannot be nested.

- ☐ Jobs for which Step and Repeat is set
- ☐ Multiple page PDFs
- ☐ Jobs that are already nested

Creating nested jobs

The following explains the procedure to select multiple individual jobs and to nest them.

1

Select multiple jobs to nest from the Job List.

You can select jobs in one of the following ways.

Select multiple consecutive jobs

While pressing the **Shift** key, click on the first and last jobs.

Select multiple nonconsecutive jobs

While pressing the **Ctrl** key, click on the various targeted jobs.

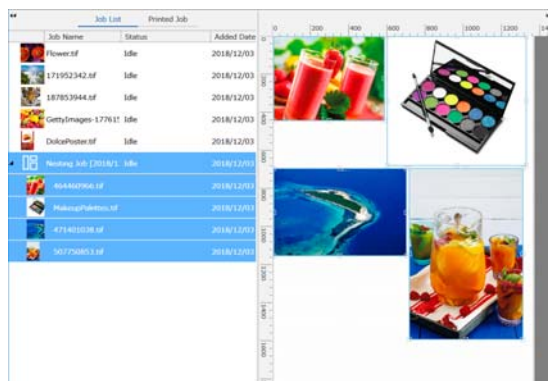
2

Click  (Nest) in the Job toolbar.

Or, open the right click menu on the name of the selected job and select **Nest**.

Each of the jobs selected in the Job List are moved to the lower level and the nest icon () appears to indicate they are nested jobs.

All the selected jobs appear in the preview area.



The default setting value for the interval for each job in a nested job is 10 mm. To change this interval, select **Job Interval**.

[“Setting margins for each job in nested jobs” on page 47](#)

You can add jobs to a nested job by dragging and dropping a job that is not nested from the Job List into the level below the nested jobs.

3

Set the position of the images.

The following are the three main ways to set the position.

Automatically arranging images efficiently

[“Setting the layout” on page 41](#)

Arrange by aligning with the reference image

[“Setting the layout” on page 41](#)

Using media efficiently without waste (nested printing)

Arranging images while confirming their positions in the preview area

You can change the positions by dragging and dropping the images. You can also position images by rotating, enlarging, or reducing them with  (Layout) in the Job Setting menu. The settings set with  (Layout) before nesting are maintained after nesting is set.

Canceling nested jobs

You can cancel nested jobs and return them to normal jobs with the following procedure.

- 1 Select the root to the nested job (the line in which  is displayed to the left of the job name) in Job List and click  (UnNest) in the job toolbar.

Or, open the right click menu on the name of the selected job and select **UnNest**.

Selecting some jobs in a nested job and then clicking UnNest return only the selected jobs to normal jobs.

Note:

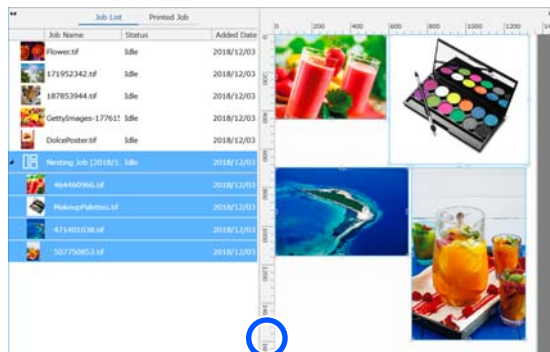
After nesting, if you rotate the image by selecting **Tight in Arrangement Option** from  (Layout), the image rotation setting is also canceled when nesting is canceled.

Things to confirm before doing nested printing

Because multiple jobs are printed in a batch when doing nested printing, we recommend confirming the amount of media and ink that is remaining and the time (estimated) to print the job beforehand.

1

Confirm the overall print length with the scale in the preview area.



2

Click  (Job Info) in the Job Setting menu to check the **Print Time (Estimated)**, which is displayed in the setting area.

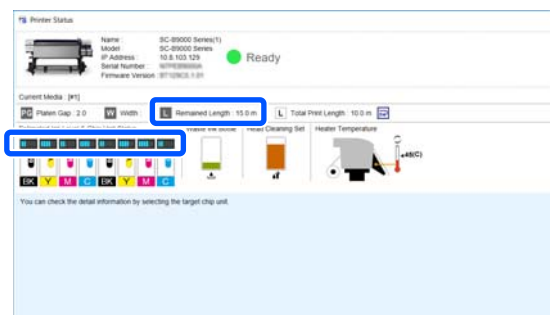
3

Click  on the bottom right of the screen. The printer's status screen is displayed.

Confirm that the remaining media is longer than the overall length of the print job that you confirmed in step 1.

Depending on the model you are using,  may be disabled.

Confirm that there is sufficient charge remaining in the chip unit.



Setting margins for each job in nested jobs

Follow the procedure below to set the default values for the margins of each job in the nested jobs.

When it is necessary to change the interval between jobs, select the targeted nested jobs, and then change them using **Job Interval** in  (Layout).

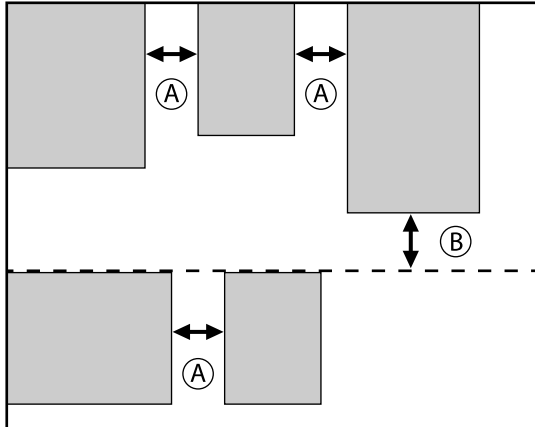
1

Click Tool menu - **Manage Preset** -  (Options Settings) in this order.

Using media efficiently without waste (nested printing)

- 2** Set the margin values using the **Right** and **Bottom** in **Job Interval**.

The job interval is the margin added between each job when a different job is arranged below or to the right of a job, as shown below. Margins are not added to jobs that are positioned on the right edge or at the very bottom.



Ⓐ is **Right** margin

Ⓑ is **Bottom** margin

- 3** When the settings are complete, click **Apply**.

Dividing a large image into parts to print it (tiling)

Dividing a large image into parts to print it (tiling)

When printing a large image that is wider than the media on which you are printing, you can divide the large image into several parts and print it on the media.

You can also add overlaps for pasting so that after printing the image can be pasted together into one image.

The procedure for dividing an image is explained below.

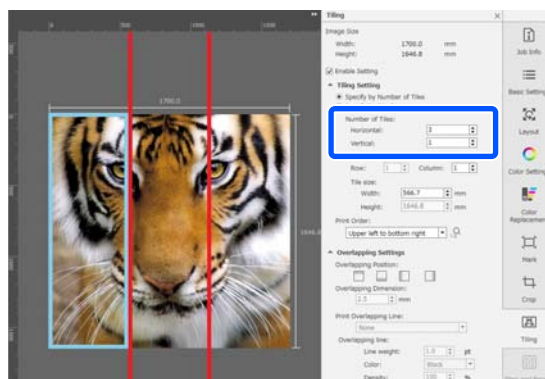
How to divide an image

- 1 Select a job to divide from the Job List.
- 2 Click  (Tiling) in the Job Setting menu.
The setting area changes to Tiling settings.
- 3 Select **Enable Setting**.
The settings items are enabled.
- 4 Set the size of the divisions in **Tiling Setting**.
Each of the divided images are called “tiles”.
To set the number of pieces in which to divide the image, select **Specify by Number of Tiles**.
To set the size of tiles and then divide the image, select **Specify by Tile Size**.
To set the number of tiles, advance to step 5.
To set the size of tiles, advance to step 7.

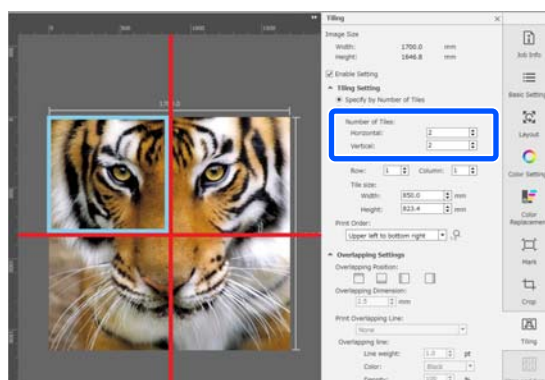
5

Set how many divisions to make in **Number of Tiles**.

Example: 3 divisions in Horizontal



Example: 2 divisions in Horizontal and Vertical



6

You can make fine adjustments to the size of tiles that you are dividing.

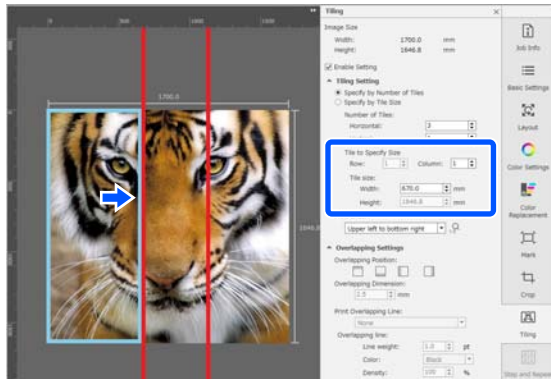
If you want to avoid generating a pasted edge in any position, such as where the eye is located in the example of 3 divisions in Horizontal in step 5, use the following procedure to select the upper left tile and adjust the tile size.

- (1) Use the mouse cursor to click the tile you want or specify the position of the tile you want in **Tile to Specify Size**.

The tile targeted to be adjusted is indicated by a light blue frame.

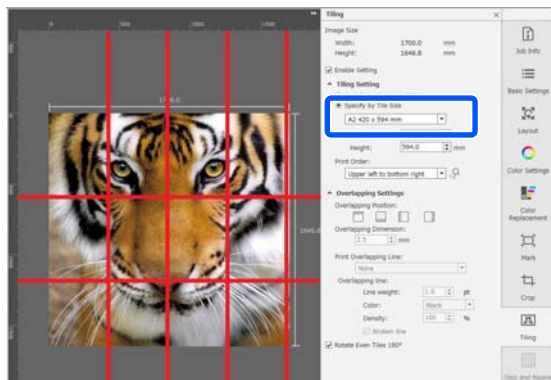
- (2) To adjust the size, drag the light blue frame or enter a value in **Tile size**.

Dividing a large image into parts to print it (tiling)

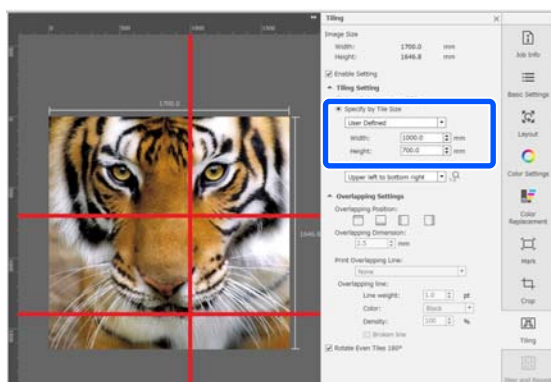


Advance to step 8, and set the print order for the tiles.

- 7** Set the size of divisions in **Specify by Tile Size**.
Example: Set to A2 size

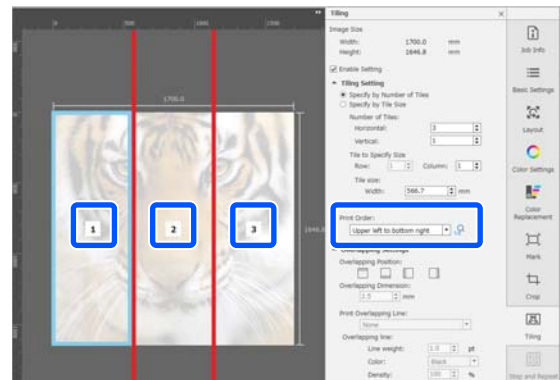


Example: Set to Width 1000 mm and Height 700 mm in User Defined



- 8** Set the order in which tiles are printed in **Print Order**.

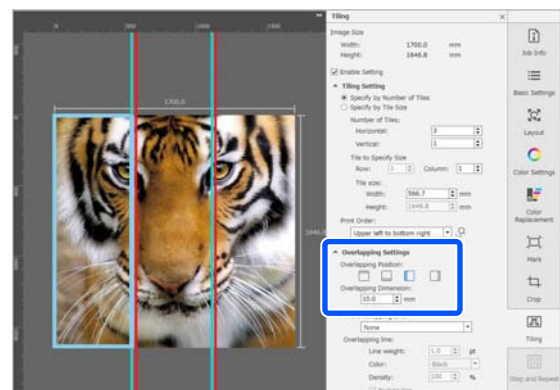
When you select **Print Order** and then click **1-2**, a number indicating the print order is displayed on each tile in the preview area.



- 9** Set the overlap for pasting the images together in **Overlapping Settings**.

- (1) Set where to set the overlap in **Overlapping Position**.
- (2) Set the width of the overlap in **Overlapping Dimension**.

Example: **Overlapping Dimension** is 10 mm and the **Overlapping Position** is on the left side



If you want to print boundary lines between the image and the overlap, go to step 10.

If you do not want to print boundary lines between the image and the overlap, go to step 11.

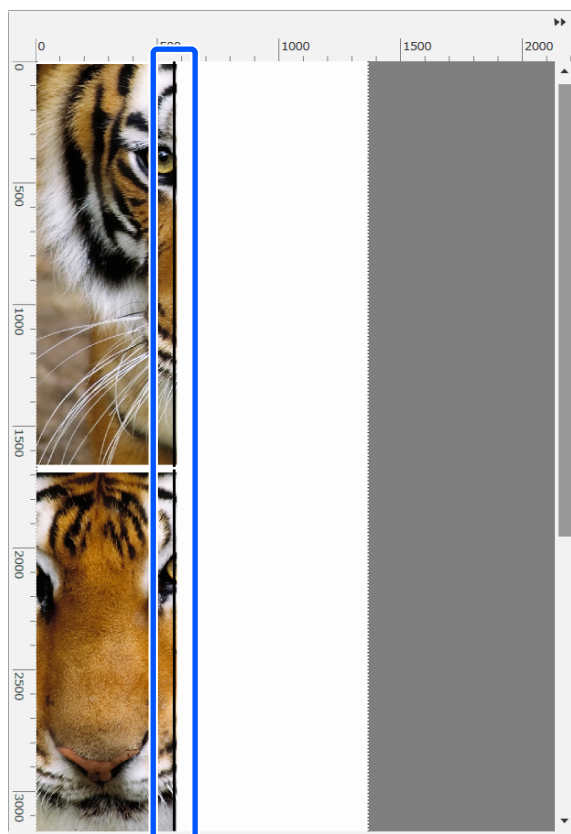
- 10** In **Print Overlapping Line**, select **Print on Image and Margins** or **Print only on Margins**.

Boundary lines are printed between the image and the overlap and can be used as guides to paste the image together.

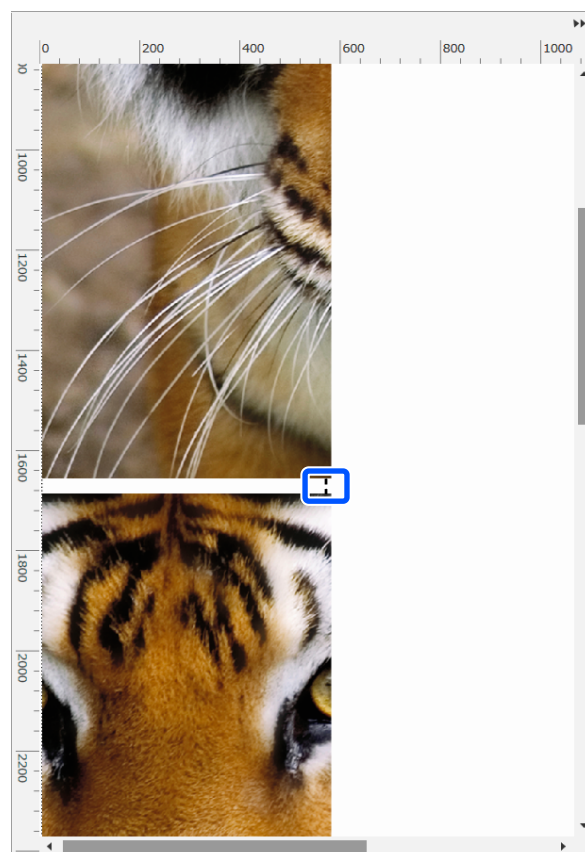
Dividing a large image into parts to print it (tiling)

You can use **Overlapping line** to change the thickness, color, and density of the boundary lines to make them easier to see. If you select **Broken line**, you can change the boundary line from a solid to a broken line.

Example: **Print on Image and Margins** is set



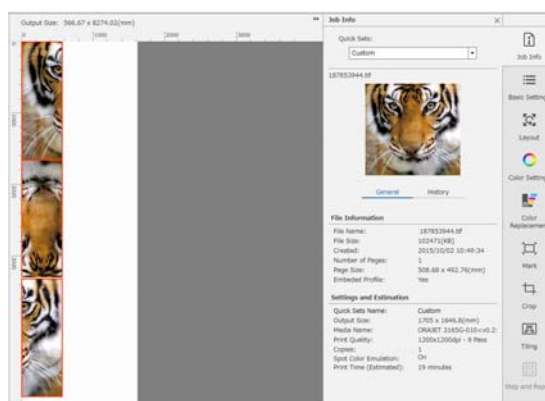
Example: **Print only on Margins** is set



11

When the settings for dividing the image are complete, select something other than  (Tiling),  (Color Replacement), or  (Crop) in the Job Settings menu to change the preview area into the print preview.

Example: When  (Job Info) is selected



Dividing a large image into parts to print it (tiling)

Note:

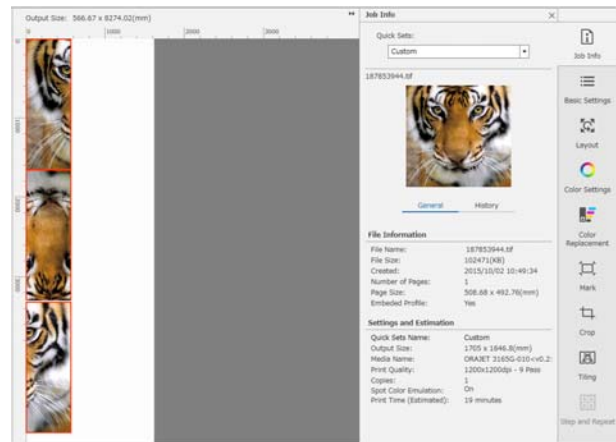
Click  (Layout) in the Job Settings menu to change the tile arrangement.

For example, you can reduce wasted media by arranging tiles horizontally that were initially arranged vertically to match the width of the media, and then printing.

 “Setting the layout” on page 41

However, depending on the arrangement of the tiles, there may be color deviation at the seams when the images are pasted together.

When this is selected, the tiles are alternately printed top to bottom so the discoloration becomes less conspicuous.



When not printing a specified tile

You can cancel printing with the following procedure when you do not want to print a specific tile after an image is divided in the **Tiling** settings.

- 1 Open the right click menu on the tile not to print.
- 2 Clear the **Print** checkbox.
When you clear the **Print** checkbox, an icon is displayed on the tile.
Select the checkbox to print the tile.

Note:

If you right-click on a tile and select **Clear All** from the menu displayed, none of the tiles are printed.

If you only want to print one tile, right-click on the tile you want to print, select **Clear All** from the menu displayed, and then select **Print**.

When color deviation at the seams stands out

When images are pasted together and the color deviation at the seams is conspicuous, check if the **Rotate Even Tiles 180°** checkbox in the **Tiling** settings is cleared.

Printing only the necessary parts of an image (Crop)

Printing only the necessary parts of an image (Crop)

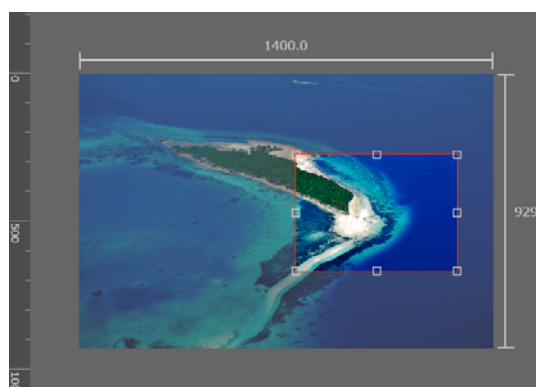
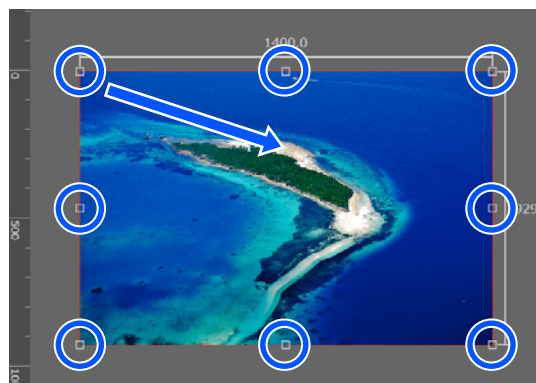
You can specify parts of images and print them.

This function is applicable for printing important parts of a large image to check the image quality and color matching.

The procedure to clip the parts of images that you need is explained below.

- 1 Select a job to clip from the Job List.
- 2 Click  (Crop) in the Job Setting menu.
The setting area changes to Crop settings.
- 3 Select **Enable Setting**.
The setting items are enabled and the clip frames appear in the preview area.
- 4 Set the range to print.
Drag the clipping points to specify the range in the preview area.

You can move the clip frame by dragging the lines of the clip frame. When the clip frame becomes the same size as the image, it cannot be moved.



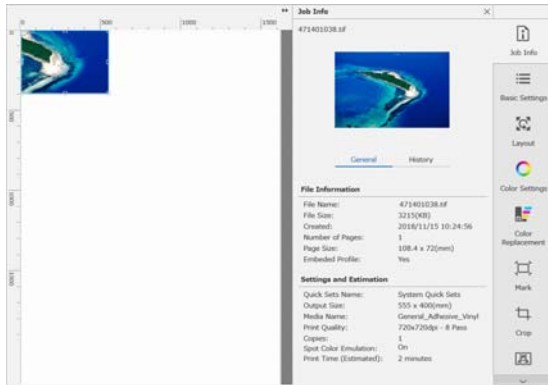
- 5 You can do fine adjustments to the size and position of the clip range.
You can do detailed settings to the size and position by entering numerical values in **Size** and **Left Top Position** in the setting area.

Printing only the necessary parts of an image (Crop)

6

When the settings for the clip range are complete, select something other than  (Crop) in the Job Setting menu to change the preview area into the print preview.

Example: When  (Job Info) is selected



Printing repeating pattern (Step and Repeat)

Printing repeating pattern (Step and Repeat)

You can create and print repeating patterns by placing 1 image and shifting it vertically and horizontally.

The procedure for setting up a pattern is explained below.

How to create patterns

- 1 Select the job (image) on which to base the pattern from the Job List.
- 2 Click  (Step and Repeat) in the Job Settings menu.
The setting area changes to the Step and Repeat settings.
- 3 Select **Enable Setting**.
The settings items are enabled.

The **Execute Step and Repeat on the Printer** checkbox is only displayed when a printer that supports Step and Repeat is selected as the printer you are using. See the following for detailed information about Step and Repeat on the printer.

 [“Processing Step and Repeat on the Printer” on page 57](#)

- 4 Set the size of the area on which to place the image.
Selecting **Layout Area Size** lines up and places the image in the specified size.

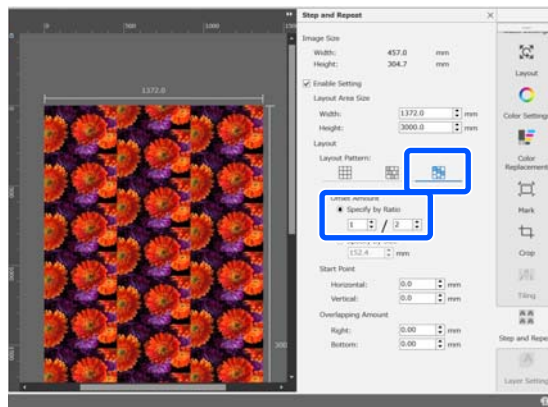
If you select a **Width** for the **Layout Area Size** that is wider than the media's width, the image that extends beyond the media's width is not printed.

5

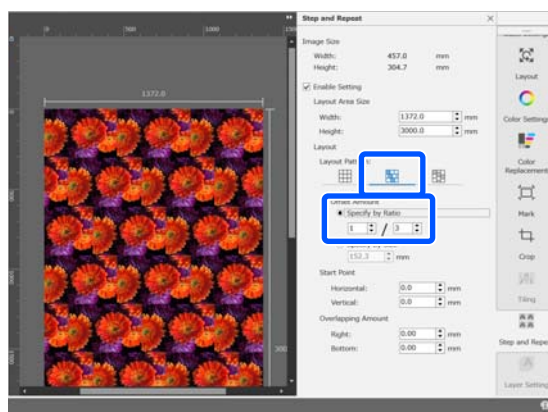
Set whether to shift the position of the image.

Select  in **Layout Pattern** when simply repeating the image without shifting it.

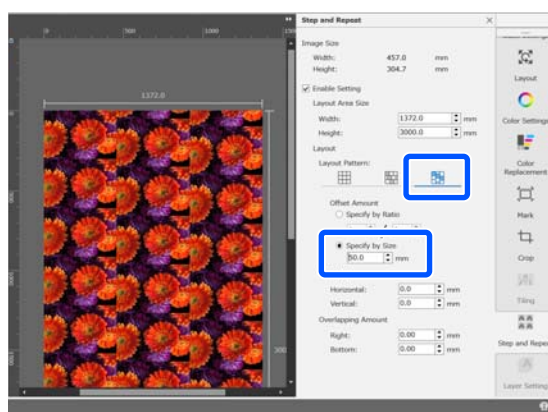
Example: Shifted 1/2 vertically



Example: Shifted 1/3 horizontally



Example: Shifted 50 mm vertically

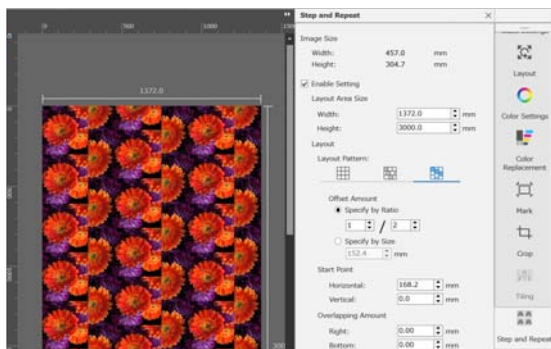
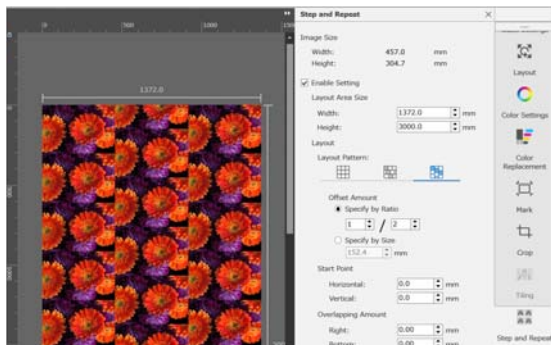


Printing repeating pattern (Step and Repeat)

6

You can set from which position of the image the pattern starts.

You can drag the pattern in the preview area and set the position if, for example, you want to start from a position at which the flower petals are not cut off.

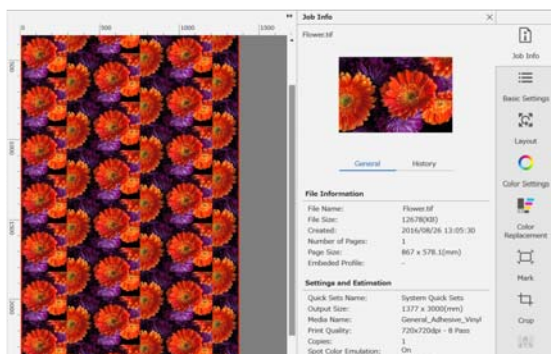


You can also set and change the numerical values in **Start Point**.

7

When the pattern is complete, select something other than  (Step and Repeat) in the Job Setting menu to change the preview area into the print preview.

Example: When  (Job Info) is selected

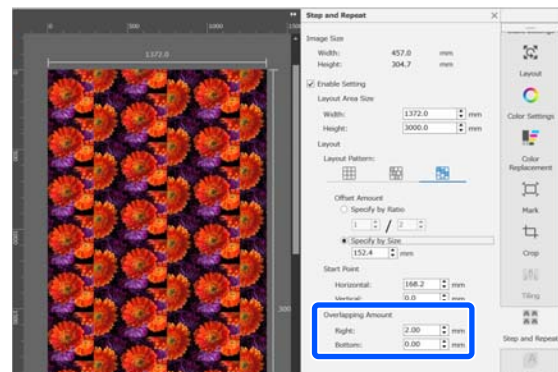


If gaps occur between images you printed

You can set **Overlapping Amount** and do adjustments when dark lines are visible when the images overlap, or when there is a space and white lines are visible when printing, even though the images look perfectly joined in the preview area.

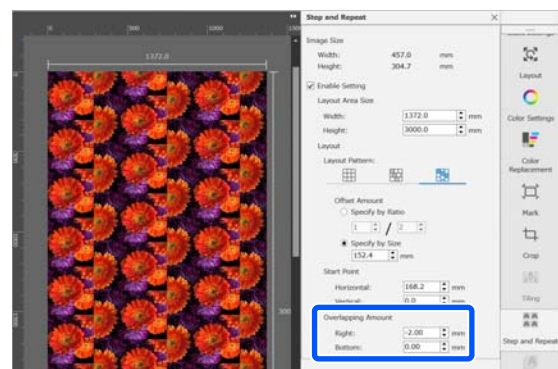
Example: 2-mm wide vertical, white lines appear between the images

White lines occur because there are horizontal spaces between the images. Set 2 in **Right** in **Overlapping Amount**.



Example: 2-mm wide vertical, dark lines appear between the images

Dark lines occur because images overlap horizontally. Set -2 in **Right** in **Overlapping Amount**.



Set **Bottom** in **Overlapping Amount** when horizontal lines appear between the top and bottom of images.

Printing repeating pattern (Step and Repeat)

Processing Step and Repeat on the Printer

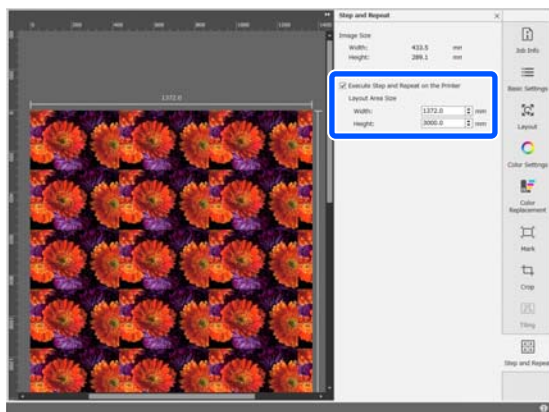
Since the normal Step and Repeat process prints a job with a repetitive pattern that is created during the RIP process, you cannot close this software or shutdown the RIP server (the computer on which this software is installed) until printing is complete. When processing Step and Repeat on the printer, you can close this software or shutdown the RIP server even when you have started printing.

However, you cannot shift images or specify the start position for the pattern.

Select **Execute Step and Repeat on the Printer**, and then set the size of the area in which to place the image in **Layout Area Size**.

Selecting **Layout Area Size** lines up and places the image in the specified size.

If you select a **Width** for the **Layout Area Size** that is wider than the media's width, the image that extends beyond the media's width is not printed.



If the file size in the job (image) is too large, the printer may not be able to perform Step and Repeat processing depending on the model you are using.

If an error is displayed when printing or executing RIP processing, set the standard Step and Repeat.

[“How to create patterns” on page 55](#)

Note:

When Step and Repeat processing is set on the printer, Mark cannot be performed.

Also, When Mark is set, Step and Repeat processing cannot be set on the printer.

See the following for details on Mark.

[“Printing with Frame line and trim marks” on page 118](#)

Replacing a job's Output Color

Replacing a job's Output Color

In Color Replacement, you can replace the Output Color for the following colors that are used in the job selected from the Job List.

- ❑ All spot colors used in the job
Only if the data format of the job is PDF, EPS, PS, or PSD*.
* You can only perform color replacement for PSD if you are using the SC-F10000H Series LcLm (with Light Cyan/Light Magenta inks installed) and you have registered an account for Epson Cloud Solution PORT. See the following for print data that has separate channels for each color.
[☞ “Setting the Output Color for Each Channel \(Separation Color Settings\)” on page 114](#)
- ❑ Colors extracted with the Eyedropper tool in the preview.
This function is available for all data supported by the software.

Note:

- ❑ *The image is converted to process colors and printed except when White, Silver, FluoYellow, FluoPink, or Varnish is set as the spot color (Spot Color) in the image processing software.
Spot Color: Used by commercial printers; specifies special ink that is pre-mixed in advance
Process color: Method to specify a color by combining the basic CMYK ink*
- ❑ *The preview and print results may differ due to parts that were set to overprint in jobs that include images with spot color settings (White, Silver, FluoYellow, FluoPink, or Varnish).*

By replacing colors in the following situations, you can adjust the output color to the appropriate color or change the color.

Adjusting or replacing the output color to the appropriate color

Even if you set the same color value and Spot Color in the print data, the color of the printed results (Output Color) may look different due to the environment and media that was used to print.

The following are the five main ways to adjust or replace the Output Color using color replacement.

- ❑ Checking printouts to set color values
[☞ “Color replacement procedure” on page 59](#)
- ❑ Selecting the intended Output Color from an output-color adjustment chart
[☞ “Setting the Output Color from an output-color adjustment chart” on page 60](#)
However, when the selected target printer is a fluorescent color model, this function is disabled when the value for Fy or Fp is greater than 0.
- ❑ Connecting a compatible colorimeter
You can set the results of a measured color sample as its Output Color.
[☞ “Supported colorimeters” on page 165](#)
[☞ “Setting the measured color sample as the Output Color” on page 62](#)
- ❑ When saving color replacement information that is set for another job
When you have saved color replacement information that was set for another job, you can set it as the Output Color.
[☞ “Using the Set Color Replacement Information” on page 62](#)
- ❑ When a Color Palette is registered in Epson Cloud Solution PORT
You can set the color in the Color Palette as the Output Color.
[☞ “Setting Output Color from the Color Library” on page 63](#)

Replacing the output color with a fluorescent color

When you select a model with fluorescent ink as the target printer, you can select and replace a specific color with a fluorescent color in the Job.

Use the color collection to do settings for the Output Color for jobs, in general.

[☞ “Using Color Collection” on page 79](#)

Replacing a job's Output Color

Color replacement procedure

- 1 Select the job in which to do color replacement from the Job List.

An image of the printout appears in the preview area.

- 2 Click  (Color Replacement) in the Job Settings menu.

The settings area switches to Color Replacement Settings.

If you are using a color that is registered in the job's Color Collection, the Output Color set to that color appears.

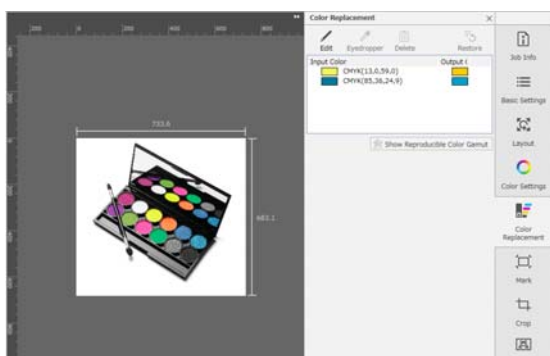
Note:

Spot colors with  displayed for **Input Color** or **Output Color** in the list fall outside the color gamut. Even if you adjust the color values, you may not be able to reproduce the colors completely on your printer or media.

Depending on the type of license you are using, the spot colors for which  is displayed may differ.

Click **Show Reproducible Color Gamut** to check an image of the color gamut of the media profile used for the selected job, as well as the coordinates of Input Color and Output Color in the list.

 [“Checking the Reproducible Color Gamut \(Gamut Viewer\)” on page 103](#)



- 3 Click  (Edit).

- 4 Change the Output Color.

To perform color replacement, be sure to set the Output Color as the color value for C,M,Y,K. If you also want to set the density for ink other than C,M,Y,K, such as WH, MS, FY, FP, or Vr, select **CMYK + WH**, **CMYK + MS**, **CMYK + Fy**, **CMYK + Fp**, **CMYK + FyFp**, **CMYK + WH,Vr**, or **CMYK + Vr** in **Specify Output Color**.

Changing the Output Color of a color registered in the Color Collection

- (1) Select the color you want to change.
- (2) Information about the color you selected appears in **Details**, and then set the color value or density in **C**, **M**, **Y**, **BK**, and **WH**, **MS**, **FY**, **FP**, or **Vr** and adjust the Output Color.

When you want to replace any color in the image

- (1) Click  (Eyedropper).

When you move the mouse cursor over the print image in the preview area, the cursor changes to an Eyedropper.

- (2) Click the image on the preview and align the Eyedropper with the color you want to replace.

The extracted color is added to the Color Replacement Settings.

- (3) Select the color you added.

Information about the color you selected appears in **Details**, and then set the color value or density in **C**, **M**, **Y**, **BK**, and **WH**, **MS**, **FY**, **FP**, or **Vr**, and adjust the Output Color.

It may not be possible to extract the color using the Eyedropper in places where multiple spot colors are mixed or in places where spot colors are set (White, Silver, FluoYellow, FluoPink, or Varnish).

Replacing a job's Output Color

When you want to set the output color conversion method

The following settings are only available when you select a model that supports UV ink as the printer you are using.

You can set the conversion method for color replacement to the set output color in **Rendering Intent**. You can select from the following conversion methods.

Perceptual
Converted according to the balance of the entire image. Applicable for photographic images.
Relative Colorimetric
Converted so the input and output color gamut coordinates are the same, plus the white point (color temperature) coordinate values are the same. This is often used for color matching.
Saturation
Converted so the vividness of the colors is given priority over the accuracy of the colors. This is applicable for business graphics in which use of bright colors is favored, such as for graphs and diagrams.
Absolute Colorimetric
Converted to maintain the accuracy of colors. This is applicable when the accuracy of colors is important, such as for printing the color of logos.

When you want to adjust the Output Color by specifying the amount of ink for each color

The following settings are only available when SC-F10000H Series LcLm (with Light Cyan/Light Magenta inks installed) is selected as the target printer and the data format of the job is PDF or PSD.

- (1) Click on  (Login) to log in to Epson Cloud Solution PORT.
- (2) Select the color that you want to adjust from the list.
- (3) In **Specify Output Color**, select **All Ink Colors**.

All of the ink colors installed on the printer you are using are displayed under **Specify Output Color**.

- (4) Set the Output Color by setting the amount of ink for each color installed in the printer.

5

Click  (Edit).

The Output Color you changed in step 4 is reflected in the image in the preview area.

Note:

When you change the Output Color using the "When you want to adjust the Output Color by specifying the amount of ink for each color" procedure in step 4, the tone of the entire image in the preview area changes. Even if the tone of the entire preview image changes, only changes to the colors for which you have changed the Output Color will be reflected in the print results.

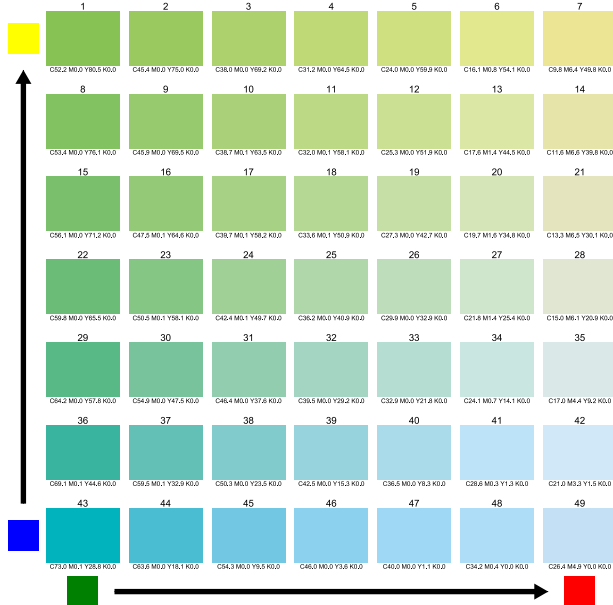
After changing the Output Color, actually print the image and check the tones.

Setting the Output Color from an output-color adjustment chart

An output-color adjustment chart is for jobs that use a chart to print the intended Output Color and color patches of matching tones. Print the job for the output-color adjustment chart, and then choose the intended Output Color from it. The color value is clearly mentioned on each color patch. Set the color value for the selected color in Output Color.

Replacing a job's Output Color

Because red becomes stronger going toward the right throughout the color patches and yellow becomes stronger going toward the top, the layout of the color patches gets closer to dark red as it approaches the upper right patches.



The following explains an example of how to use the eyedropper tool to extract color from a job and create an output-color adjustment chart for the job.

- 1 Select the job for which to do color replacement from the Job List, and then click  (Color Replacement) on the Job Settings menu.

The settings area switches to Color Replacement Settings.

- 2 Click  (Edit).

- 3 Select the spot color that you want to replace from the list.

You can also select the color you want by extracting it using the Eyedropper.

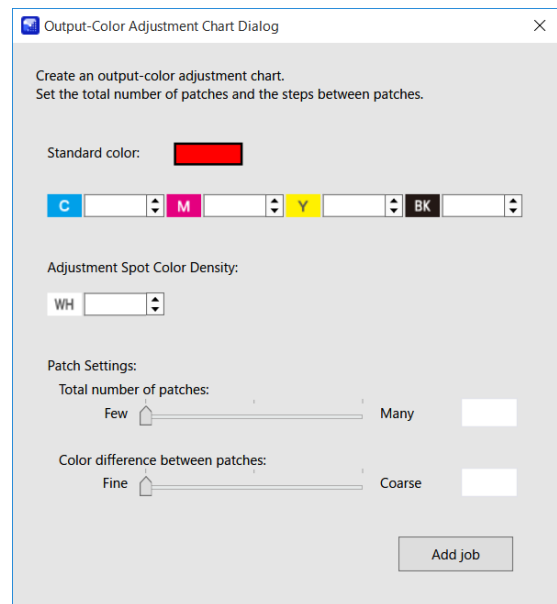
Click the  (Eyedropper), align the Eyedropper with the color you want to replace on the image in the preview, and then click to extract the color.

The information for the extracted color appears in **Details**.

4

Click Output-Color Adjustment Chart.

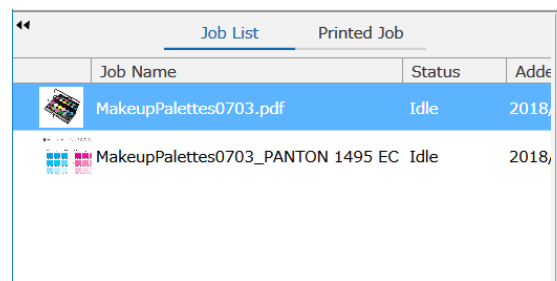
The Output-Color Adjustment Chart Dialog appears.



5

Set the Total number of patches and Color difference between patches, and then click Add job.

The output-color adjustment chart for the job is added to the Job List.



6

Select the output-color adjustment chart for the job from the Job List and print it.

The way to print this is the same as a typical job.

When you actually print the chart, print it using the same print settings and media. However, do not change the  (Basic Settings) or  (Color Settings). If you change these settings, the output-color adjustment chart will not print using the correct tones and you cannot do a color replacement with correct results.

7

Select Output Color from the printed output-color adjustment chart.

Check the color values of the selected color.

Replacing a job's Output Color

- 8 Select the same job as in step 1 from the Job List, and then click  (Color Replacement) on the Job Settings menu.

The settings area switches to Color Replacement Settings.

- 9 Select the color you extracted in step 3 from **Input Color**, and then click  (Edit).

- 10 Set the color selected on the output-color adjustment chart as the Output Color.

In **Details**, set the color values of the color you selected in step 7 to **C**, **M**, **Y**, or **BK**.

- 11 Click  (Edit).

The Output Color you set is reflected in the image in the preview area.

After changing the Output Color, actually print the image and check the tones.

Setting the measured color sample as the Output Color

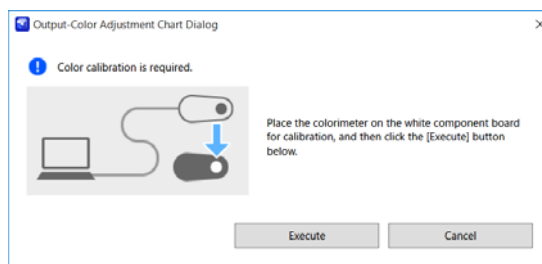
Before doing the following operations, connect the colorimeter to the RIP server so that you can use it. See the manual supplied with the colorimeter for more information about connecting and using the colorimeter.

- 1 Select the job for which to do color replacement from the Job List, and then click  (Color Replacement) on the Job Settings menu.

The settings area switches to Color Replacement Settings.

- 2 Select the color to change, and then click  (Edit).

- 3 Click **Color Measurement** in **Details**.



Follow the on-screen instructions to do a color calibration, and then measure the color sample.

Complete the color measurement to change the color values of the Output Color according to the color measurement results.

- 4 Click  (Edit).

The Output Color you changed in step 3 is reflected in the image in the preview area.

After changing the Output Color, actually print the image and check the tones.

Using the Set Color Replacement Information

The Output Color you adjusted/replaced in the job selected in Job List can be saved and used for another job.

Make sure the media settings in jobs for which you have saved the output color and the media settings in jobs for which you will use the saved output color are the same. If the media settings for those two jobs are different, the color (Output Color) in the print results may look different.

 [“Basic job settings” on page 36](#)

This section explains how to save the adjusted/replaced output color and use the saved output color for another job.

Replacing a job's Output Color

Saving the Output Color

- 1 Select the job for which to do color replacement from the Job List, and then click  (Color Replacement) on the Job Settings menu.
The settings area switches to Color Replacement Settings.
- 2 Adjust or replace the Output Color with the appropriate color.
See the following for details on how to adjust/replace the Output Color.
 [“Color replacement procedure” on page 59](#)
The results of the adjustment/replacement are displayed in the list of color replacement settings.
- 3 Select the color replacement information you want to save from the list of color replacement settings, and then click **Save Details**.
The Select Color Replacement Info dialog opens.
- 4 Check color values for Output Color and so on.
In **Memo**, you can enter notes about the output color being saved.
- 5 Click **OK** to save.

Using the saved Output Color

When the printer on which you saved the Output Color and the printer that will use the saved Output Color have a different **Specify Output Color** setting, you cannot use ink colors that are not installed on the printer. For example, if you save Fluorescent Yellow (FY) as the Output Color on a printer with fluorescent ink, it cannot be used on a printer without fluorescent ink.

- 1 Select the job for which to do color replacement from the Job List, and then click  (Color Replacement) on the Job Settings menu.
The settings area switches to Color Replacement Settings.
- 2 Click  (Edit).

- 3 Select the spot color that you want to replace from the list.
You can also select the color you want to replace by extracting it using the Eyedropper.
Click the  (Eyedropper), align the Eyedropper with the color you want to replace on the image in the preview, and then click to extract the color.
The information for the extracted color appears in **Details**.
- 4 Click **Saved Color Replacement Info**.
The Select Color Replacement Info dialog opens.
- 5 Select the Output Color you want to use from the list, and then click **Apply**.
The information for the selected color appears in **Details**.
- 6 Click  (Edit).
The Output Color you selected is reflected in the image in the preview area.

Setting Output Color from the Color Library

You can only use the following functions if you have already registered an account for Epson Cloud Solution PORT. However, even if you have already registered an Epson Cloud Solution PORT account, this may not be available depending on your country and region.

You can set the color in the Color Palette that you uploaded to the Color Library in Epson Cloud Solution PORT as the Output Color.

For more information on Epson Cloud Solution PORT and Color Library, go to the Epson Cloud Solution PORT website.

This section explains how to set the color in the Color Palette that you uploaded to Color Library as the Output Color.

- 1 Click on  (Login) on the main screen to log in to Epson Cloud Solution PORT.

Replacing a job's Output Color

- 2** Select the job for which to do color replacement from the Job List, and then click  (Color Replacement) on the Job Settings menu.

The settings area switches to Color Replacement Settings.

- 3** Click  (Edit).

- 4** Select the spot color that you want to replace from the list.

You can also select the color you want by extracting it using the Eyedropper.

Click the  (Eyedropper), align the Eyedropper with the color you want to replace on the image in the preview, and then click to extract the color.

The information for the extracted color appears in **Details**.

- 5** Click **Color Library** to log in to Epson Cloud Solution PORT again.

The Color Library screen appears.

- 6** Select the color you want to set as the Output Color from the Color Palette list on the Color Library screen.

Click the  to the left of the color palette name to display a list of colors below the color palette name.

When you select a color from the list, detailed information about the selected color is displayed on the right side of the screen.

Note:

Click on a color palette name to display detailed information about the selected Color Palette on the right side of the screen.

You cannot select the color to be set as the Output Color from the Color Palette details displayed on the right side of the screen. Select the color you want to set as the Output Color from the list of colors on the left side of the screen.

- 7** Click **Apply**.

The information for the selected color appears in **Details** in this software.

- 8** Click  (Edit).

The Output Color you selected is reflected in the image in the preview area.

Printing layers (printing White, Metallic Silver, or Varnish)

Printing layers (printing White, Metallic Silver, or Varnish)

This can only be done when a model that features White ink (hereafter called WH), Metallic Silver ink (hereafter called MS), or UV ink is selected as the printer you are using.

The workflow up to printing layers is as follows.

For models with WH/MS ink, check if the printer's Color Mode is set to the target color (WH/MS)

 User's Guide supplied with the printer



Creating data for multi-layered printing

Prepare the parts to be printed with WH, MS, or Varnish ink* as print data.

* Hereafter called Vr.

 "How to create print data" on page 65



Printing

 "Automatically generating the layer for printing WH, MS, or Vr" on page 66

 "Combining and printing color data with WH, MS, or Vr print data" on page 68

 "Making and printing layered printing data with image processing software" on page 70

How to create print data

The following methods are available for creating data for multi-layered printing.

Automatically generating the layer for printing WH, MS, or Vr

You can automatically generate the following three layers (data) based on the jobs in the Job List.

- ☐ Whole Area
- ☐ Image
- ☐ Excluding Image

However, the following two types can be automatically generated for Vr printing.

- ☐ Whole Area
- ☐ Image

See the following for how to do the detailed operations.

 "Automatically generating the layer for printing WH, MS, or Vr" on page 66

Creating and combining color data and WH, MS, or Vr print data using image processing software

Add the color data made using image processing software and the WH, MS, or Vr print data to the Job List in this software, and then combine them in a job for layered printing.

See the following for how to do the operations.

 "Combining and printing color data with WH, MS, or Vr print data" on page 68

Making spot color settings with image processing software

In the image processing software, set spot colors for the parts to be printed with WH, the parts to be printed with MS, and the parts to be printed with Vr, respectively.

See the following for details on how to create print data with spot colors.

Printing layers (printing White, Metallic Silver, or Varnish)

 “Making and printing layered printing data with image processing software” on page 70

Note:

Printing using Vr texture files

For information on creating print data when printing using texture files (texture patterns) on models equipped with UV ink other than the SC-V7000, see the User's Guide (online manual) supplied with the printer.

See the following for more information on printing the print data you created.

 “Layer printing procedure” on page 74

Automatically generating the layer for printing WH, MS, or Vr

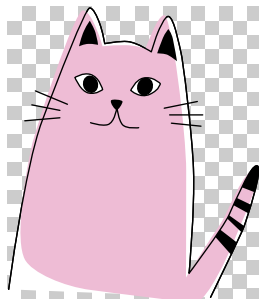
Layer type

You can generate three types of layers with automatic layer generation.

The following example images are used to explain how to generate a layer for printing WH.

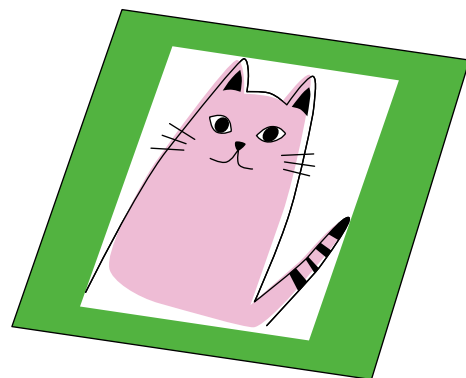
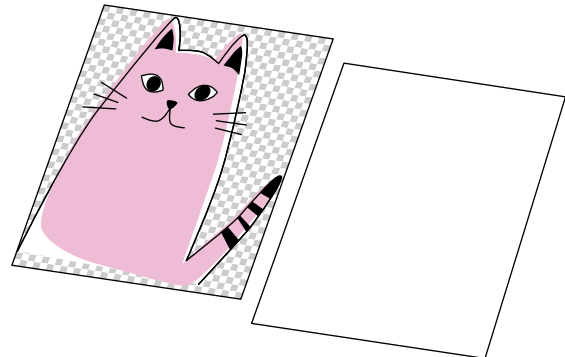
The checkered part of the image is the transparent part. To make it easy to understand, we will explain the procedure using an image printed on green media.

Example:



☐ Whole Area

This generates a layer for printing WH under the entire image. When printed, the whole area is printed WH, and then the image is printed on top.

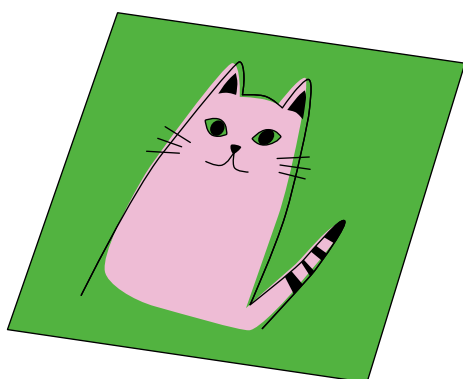
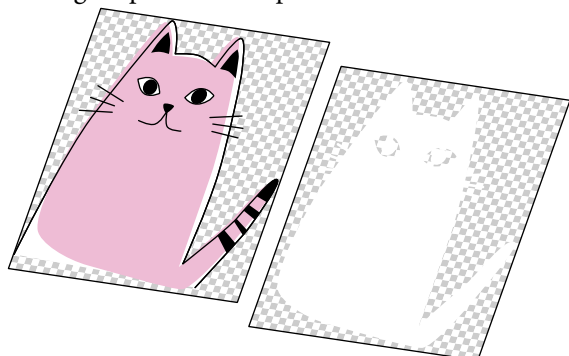


☐ Image

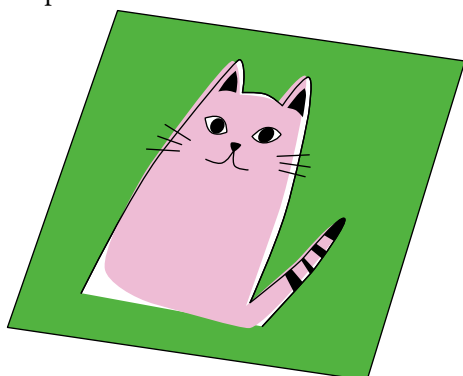
This generates a layer for printing in which WH is printed only under the image. When printed, WH

Printing layers (printing White, Metallic Silver, or Varnish)

is printed where the image appears, and then the image is printed on top of that.

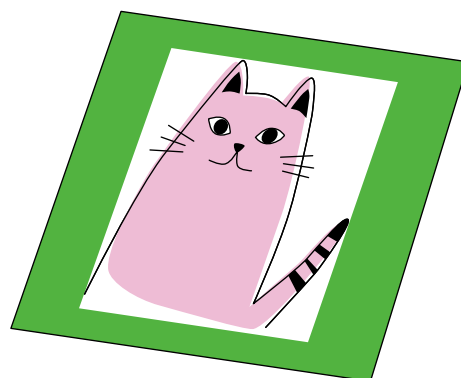
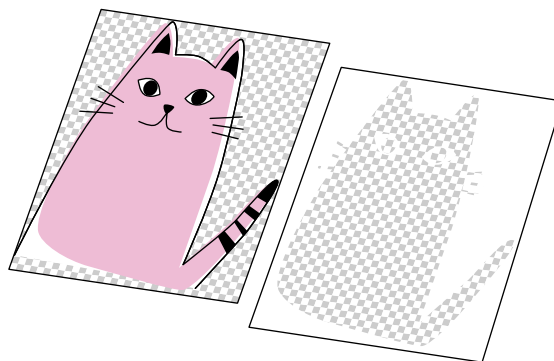


When you select **Image**, you can use the checkbox to select whether to include the white parts of the image in the layer for printing WH. By selecting this, a white layer is also created to print WH for the white parts (CMYK = 0,0,0,0 or RGB = 255,255,255) of the image, such as the eyes and other parts of the cat shown below.



- ☐ **Excluding Image**
This generates a layer for printing WH in all parts except the image. When printed, the part around

the image is printed in WH, and then the image is printed on top of that.



You can generate two types of layers for Vr printing.

- ☐ Whole Area
- ☐ Image

Generating layers automatically

- 1** Click  (Add) on the job toolbar to add the print data.
Or, drag and drop the print data onto the Job List.

The name of the data and a thumbnail for the print data that was added appear in the Job List.

- 2** In the Job List, select the job for which automatic layer generation will be done.

An image of the printout appears in the preview area.

Printing layers (printing White, Metallic Silver, or Varnish)

- 3 Click ☰ (Basic Settings) in the Job Settings menu.

The setting area switches to Basic Settings.

- 4 When printing layers, set the layer order in **Number and Order of Layering**.

You can select different colors according to the Color Mode of the printer you are using.

When using a model that supports WH/MS

If you set two layers, the **No Data** layer is added under the layer in the image data from the Job List. If you set three layers, two **No Data** layers are added.

When using a model that supports UV ink

The way the Job List layers are displayed changes according to the number and order of layering you set.

- 5 Select **No Data** from the Job List, and then click  (Layer Setting) on the Job Settings menu.

The settings area switches to Layer Setting.

- 6 In **Creating Method**, select the type of layer to generate.

The generated layer is added to the Job List.

When using a model that supports WH/MS

If you set three layers in step 4, the generated layer is automatically copied, and completes the data for multi-layer printing with three layers.

When using a model that supports UV ink

Repeat steps 5 and 6 to generate the WH and Vr layers.

You can change the details for the print quality in **Manage Print Info**.

 [“Creating print information suitable for the media being used” on page 128](#)

- 3 Confirm other settings and click  (Print) on the job toolbar to start printing.

Combining and printing color data with WH, MS, or Vr print data

Preparing the data

You can create the parts to be printed in WH, MS, or Vr and the parts to be printed in color using separate data of the same size in the image processing software, combine the parts in this software, and then print.

The following example explains printing in color on printed WH, MS, or Vr.

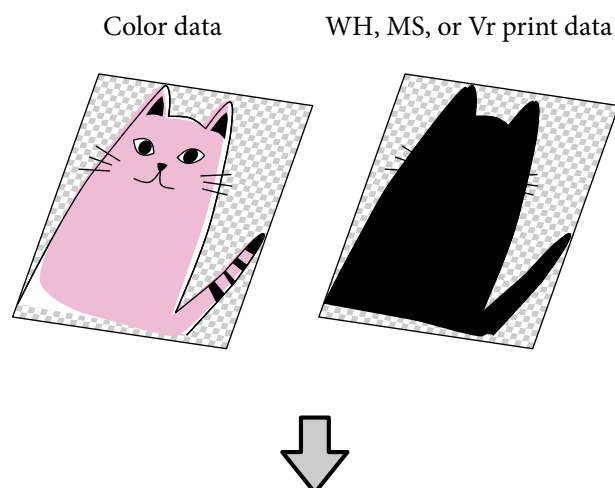
The checkered part of the image is the transparent part.

There is no color for the white parts of the color data.

Data for printing WH, MS, or Vr is CMYK data in which the parts for WH, MS, or Vr have been painted with one of the colors in C,M,Y,K.

This section uses green media and WH is printed entirely beneath the color data.

Example:



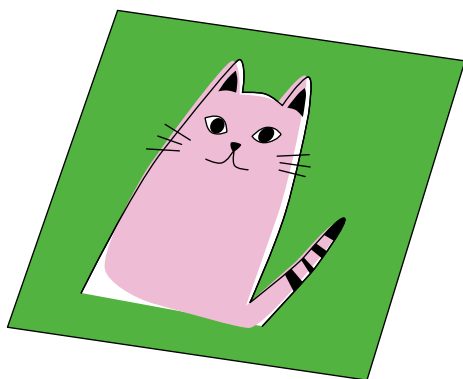
Layer printing procedure

- 1 Select the root for the layered job (row that displays the print image as an icon) in the Job List.

- 2 Click ☰ (Basic Settings) in the Job Settings menu, and then select the print quality in **Print Quality**.

The print qualities that can be selected differ according to the settings in **Number and Order of Layering**.

Printing layers (printing White, Metallic Silver, or Varnish)



In this example, the WH, MS, or Vr print data is created using black, imported into the software, and then the black is replaced with WH.

You can even make spot color settings in advance.

Combining jobs

- 1 Click (Add) on the job toolbar to add the color data and the WH, MS, or Vr print data. Or, drag and drop each data file onto the Job List.

When printing using both WH and Vr on a model that supports UV ink, you need to add three types of data; color, WH, and Vr.

- 2 Select a color job from the Job List.
An image of the printout appears in the preview area.

- 3 Click (Basic Settings) in the Job Setting menu.

The setting area switches to Basic Settings.

- 4 When printing layers, set the layer order in **Number and Order of Layering**.

You can select different colors according to the Color Mode of the printer you are using.

When using a model that supports WH/MS

If you set two layers, the **No Data** layer is added under the layer in the image data from the Job List. If you set three layers, two **No Data** layers are added.

When using a model that supports UV ink

The way the Job List layers are displayed changes according to the number and order of layering you set.

- 5 Select a WH, MS, or Vr print job in the Job List, and then drag and drop it to the target layer in **No Data**.

Or, press and hold the **Ctrl** key while selecting the WH, MS, or Vr print job and the target layer in **No Data**, right-click to open the short-cut menu, and then select **Combine**.

No Data changes to the file name for the WH, MS, or Vr print job.

The following jobs cannot be combined.

- ☐ When the image size of the color data and the WH, MS, or Vr print data are different.
- ☐ When there is no **No Data** layer in the color data.

- 6 In the Job List, select the WH, MS, or Vr print job.

Since the layer for printing WH, MS, or Vr has not been created yet, you cannot view the image in the preview area.

- 7 Click (Layer Setting) on the Job Settings menu.

The setting area changes to Layer Setting.

- 8 In **Color replacement for spot colors**, select the color for the part to print as WH, MS, or Vr in the WH, MS, or Vr print job.

In this example, select **Black**.

The image for the WH, MS, or Vr layer appears in the preview area.

Repeat steps 6 to 8 to print WH and Vr on a model that supports UV ink.

Layer printing procedure

- 1 Select the root for the layered job (row that displays the print image as an icon) in the Job List.
- 2 Confirm other settings and click (Print) on the job toolbar to start printing.

Printing layers (printing White, Metallic Silver, or Varnish)

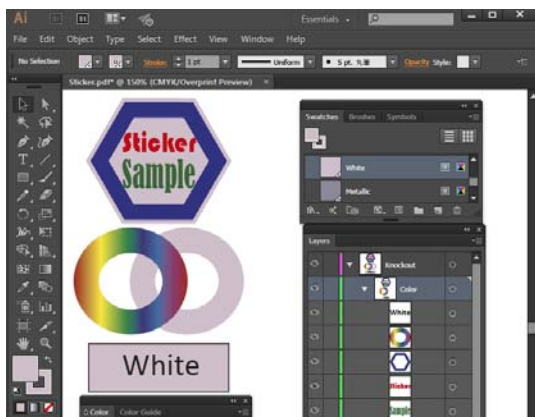
Making and printing layered printing data with image processing software

In this section, we explain the procedure for setting the print data for spot color settings in the image processing software (Adobe), creating data for multi-layered printing, and then printing using this software.

Such as in **A**, the main vector data for graphics and texts are set in Adobe Illustrator (hereafter called Illustrator).

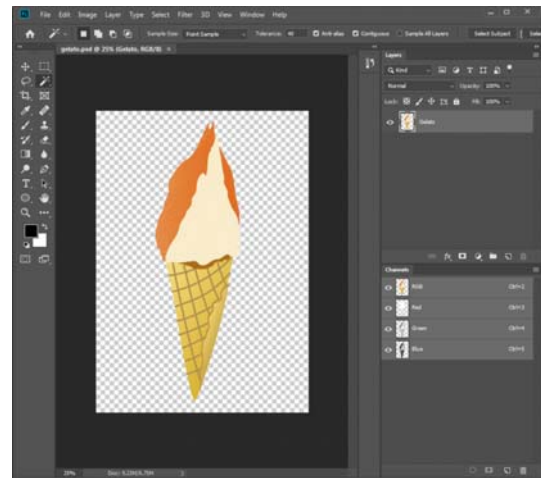
Such as in **B**, the main raster data for photos and graphics are set in Adobe Photoshop (hereafter called Photoshop).

A



☞ “Setting spot colors in Illustrator” on page 70

B

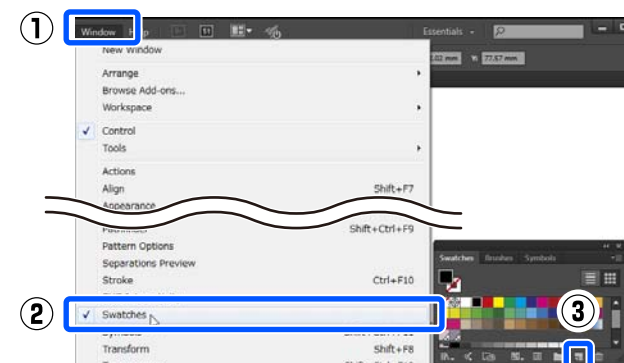


☞ “Setting spot colors in Photoshop” on page 72

Setting spot colors in Illustrator

Image **A** is used as an example to explain the procedure for using Adobe Illustrator CC(2015) to set White to the parts being printed with WH.

- 1 Start up Illustrator and open the print data.
- 2 Click **Window - Swatches**, in order, and then click  (New Swatch).



- 3 Save the spot color to be used in the White setting in Swatches, and then click **OK**.

As shown below, specify the spot color name, as well as the color to print from the screen in Illustrator.

Printing layers (printing White, Metallic Silver, or Varnish)

(1) Swatch Name

Input the spot color name as follows, according to the color to be printed. The following input is case sensitive.

For WH printing: White

For MS printing: Silver

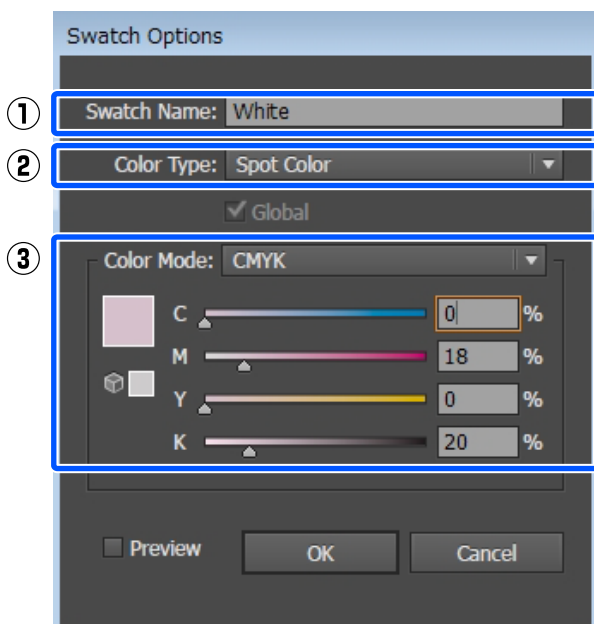
For Vr printing: Varnish

(2) Color Type

Select **Spot Color**.

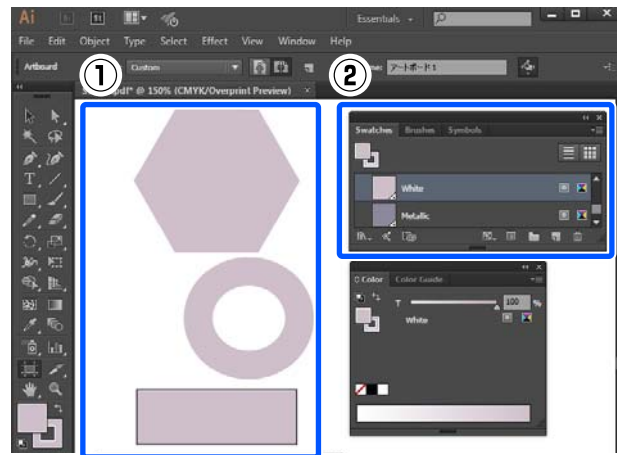
(3) Color Mode

Select **CMYK**, and then specify the color to print from the screen in Illustrator. We recommend specifying a bright color that is not used in any other colored part because it is difficult to identify the background color if you use white (all CMYK at 0%). (In the example diagram, the color is set as a very light purplish gray.) It is actually printed as WH.



4

Select images to print using WH, and then specify the spot color you saved to the Swatches in step 3 to color them.



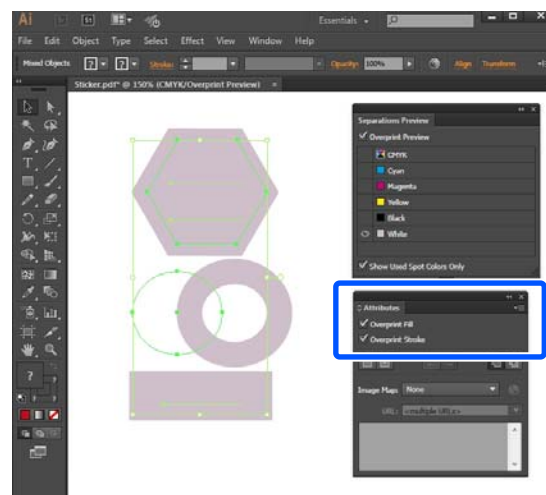
5

Click, in order, **Window - Attributes**, and then set how to print the parts where the images overlap.

By selecting or clearing overprint, you can set whether to apply color to the parts of the images that overlap, as shown below.

When checked

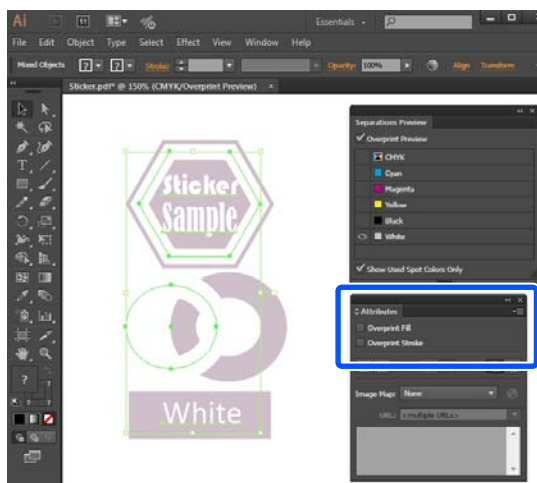
To print a color image in a layer on a white background, such as for window graphics, apply overprint while the image is selected. Each part where the images overlap is also printed.



Printing layers (printing White, Metallic Silver, or Varnish)

When not checked

When the image overlaps, the overlapping parts that make up the bottom layer are not printed in the print order set in this software. (Overprint is disabled.)



Note:

The above image shows when **Overprint Preview** is selected in **Separations Preview**, and the CMYK layer is not displayed, so it is easy to understand the results of printing with WH. **Separations Preview** is displayed by clicking **Separations Preview** in the **Window**.

- 6 When you are finished with the White settings, save the data in PDF format.

Setting spot colors in Photoshop

Image **B** is used as an example to explain the procedure for using Adobe Photoshop CC(2019) to set White to the parts being printed with WH.

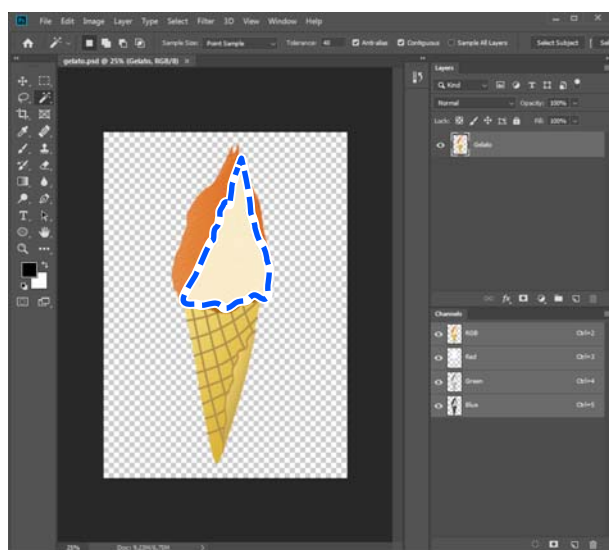
- 1 Start up Photoshop and open the print data.
- 2 Click **Window - Layer**.
- 3 Right click on a layer that includes parts that are printed in WH, and then click **Duplicate Layer**.

The image is copied and there are now two image layers.

- 4 On the **Layer**, select the original image layer, and then delete the part that is printed in WH.

There are two ways to select only the part that is printed in WH. For more information, see the online help for Photoshop.

- ☐ Use the (Quick Selection tool) or (Magic Wand tool) for selecting things.
- ☐ After using the **Select** tool to select an area that includes WH, use **Select - Color Range** to specify the color for WH.



- 5 On the **Layer**, select the copied layer and click **Select - Inverse**, and then delete all the parts except those printed in WH.

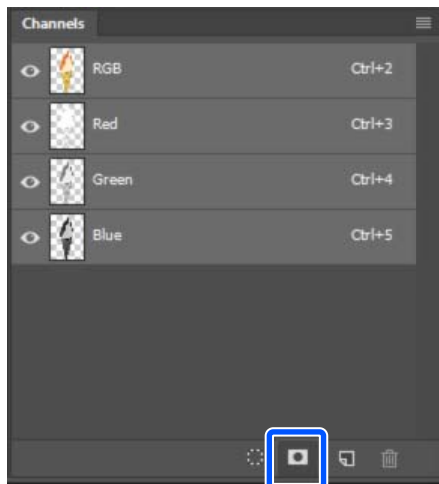
The parts that are not printed in WH disappear so that parts where there is nothing are selected.



- 6 Click **Window - Channel**.

Printing layers (printing White, Metallic Silver, or Varnish)

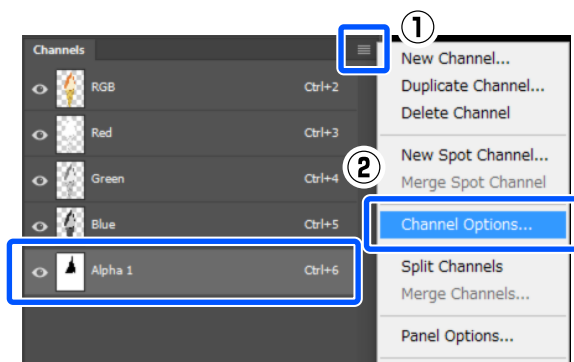
- 7 Click  (Save selection as channel).



The parts that are printed in WH are masked.
(The red colored parts are the masked areas.)



- 8 While **Alpha channel** is selected click the menu and then click **Channel Options**.



- 9 Set the spot color to be used in the White settings as Spot Color, and then click **OK**.

As shown below, specify the spot color name, as well as the color to print from the screen in Photoshop.

(1) Name

Input the channel name as follows, according to the color to be printed. The following input is case sensitive.

For WH printing: White

For MS printing: Silver

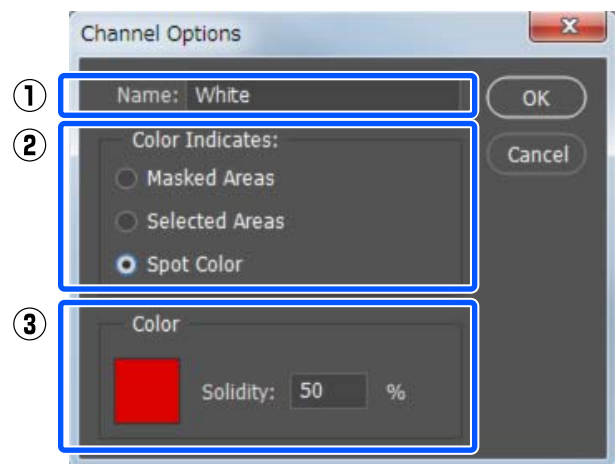
For Vr printing: Varnish

(2) Color Indicates

Select **Spot Color**.

(3) Color

Specify the color from the screen in Photoshop for the parts to print with WH.
(Red is set in the example image.) It is actually printed as WH.



To print the part where the gelato is white using only WH:

To avoid printing unnecessary color ink, hide the copied layer in the Layer window, and then proceed to step 10. Only the alpha channel remains and printing can be done using only WH.

Printing layers (printing White, Metallic Silver, or Varnish)

To print the part where the gelato is white as WH and overlay color ink for the shadows:

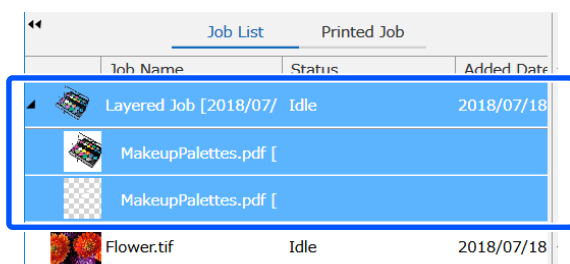
Proceed to step 10.

- 10** When you are finished with the White settings, save the data in PDF format.

Layer printing procedure

- 1** Click  (Add) on the job toolbar, and then add the print data that includes the image spot color settings.
Or, drag and drop the print data onto the Job List.

Print data that has been added to the Job List appears under the root, separated by color (color, White, Silver, Varnish).



- 2** Select the root for the layered job (row that displays the print image as an icon) in the Job List.
An image of the printout appears in the preview area.

- 3** Click  (Basic Settings) in the Job Setting menu.
The setting area switches to Basic Settings.

- 4** In **Number and Order of Layering**, set the order in which to print color images and images set to White, Silver, or Varnish.
You can select different colors according to the Color Mode of the printer you are using.
When set to three layers on a model that supports WH or MS, duplicate colors are printed repeatedly using the same data, according to the selected details.
For example, when set to **Triple Layer (Color -> White -> White)**, the color image is printed, and then the image set to White is printed twice in a row.

Select the color in the Job List that you want to confirm (color, White, Silver, or Varnish) to show only the image for the selected color.

- 5** Select Print Quality in **Print Quality**.
You can select different print qualities according to the settings in **Number and Order of Layering** in step 4.

You can change the details for the print quality in **Manage Print Info**.

 [“Creating print information suitable for the media being used” on page 128](#)

- 6** Confirm other settings and click  (Print) on the job toolbar to start printing.

When layers are misaligned and the background image overruns

After printing, you can use the following procedure to perform adjustments if the background of the image overruns, or if the position of the automatically generated image or the image with spot color settings is misaligned with that of the color image.

Confirm by printing the adjusted results again.

- 1** In the Job List, select a job, whose colors have overrun or whose multiple layers are misaligned, to adjust.
Only the image for the selected color appears in the preview area.
- 2** On the Job Setting menu, click  (Layer Setting).
The setting area changes to Layer Setting.
- 3** To adjust misalignments, input the shifted values in either **Horizontal** or **Vertical** in **Align Layer Positions**.
To move upwards from the current position, specify movement in the vertical direction using - (minus) values.

Printing layers (printing White, Metallic Silver, or Varnish)

To move to the left of the current position, specify movement in the horizontal direction using - (minus) values.

- 4** To adjust overrunning, input the value increased/decreased of the overrun in **Adjust Enlargement Amount of Image**.

To reduce the size of the current image (reducing overrun), specify - (minus) values.

To increase the size (increasing overrun), specify with plus values.

When the Vr surface is noticeably rough

When you select the SC-V7000 as the printer you are using, and surface roughness is noticeable as a result of printing after automatically generating a plate for Vr printing, create two types of jobs and print them by following the steps below.

- 1** Click  (Add) on the job toolbar to add the print data.
Or, drag and drop the print data onto the Job List.

The thumbnails and data names of the print data you add are displayed in Job List, and the following three layers are displayed under the data names. The layers are always arranged in the following order.

- ☐ First Layer [White] (No Data)
- ☐ Second Layer [Color]
- ☐ Third Layer [Varnish] (No Data)

- 2** Select the root for the added job (the row with a triangle on the left) in the Job List.

An image of the printout appears in the preview area.

- 3** Click  (Basic Settings) in the Job Settings menu, and then set the Media Name or Print Quality.

- 4** Confirm other settings and click  (Print) on the job toolbar to start printing.

The first job has been created. Continue to create the second job.

- 5** Click  (Add) on the job toolbar to add the same print data as in step 1.
Or, drag and drop the same print data as in step 1 onto the Job List.

The thumbnails and data names of the print data you add are displayed in Job List, and the following three layers are displayed under the data names. The layers are always arranged in the following order.

- ☐ First Layer [White] (No Data)
- ☐ Second Layer [Color]
- ☐ Third Layer [Varnish] (No Data)

- 6** Select the root for the added job (the row with a triangle on the left) in the Job List.

An image of the printout appears in the preview area.

- 7** Click  (Basic Settings) the Job Settings menu, and then select the **Varnish mode** in **Media Name**.

If you select **Varnish mode**, the three layers from the Job List are hidden.

- 8** Click  (Layer Setting) on the Job Settings menu.

The settings area switches to Layer Setting.

- 9** In **Creating Method**, select the type of layer to generate.

- 10** Confirm other settings and click  (Print) on the job toolbar to start printing.

See the manual supplied with your printer for more details.

When the Size of the Print Data and the Print Results are Different

If the image size set in the print data and the image size in the print results differ when you select a model that supports UV ink as the printer you are using, you can adjust the size of the image by following the steps below.

Printing layers (printing White, Metallic Silver, or Varnish)

Confirm by printing the adjusted results again.

The following jobs cannot be adjusted.

- ☐ Jobs for which Tiling is set
- ☐ Jobs for which Step and Repeat is set
- ☐ Jobs for which the print range is set in Crop
- ☐ Jobs for which marks have been set for cutting
- ☐ Nested jobs that contain jobs with any of the above settings

- 1 Measure the image size of the print results.
Measure the width and height of the image in mm.
- 2 Click Tool menu - **Manage Preset** -  (Options Settings) in this order.
- 3 Use **Horizontal Correction Rate** and **Vertical Correction Rate** to adjust the width and height of the image.

Set **Theoretical Length** to the output size set in this software. When you select a job in Job List, the output size is displayed in the top-left corner of the preview area.

Set **Measured Length** to the value you measured in step 1.

When you have set **Theoretical Length** and **Measured Length**, **Correction Rate** will be calculated.

- 4 When the settings are complete, click **Apply**.
When printing is performed, the print data is adjusted using the calculated adjustment ratio, and then printed.

Note:

Even after clicking **Apply**, the **Output Size** in the top-left corner of the preview area will still display the size before adjustment.

When you want to customize the number and order of layering for layered printing

The following settings are only available when you select a model that supports UV ink as the printer you are using.

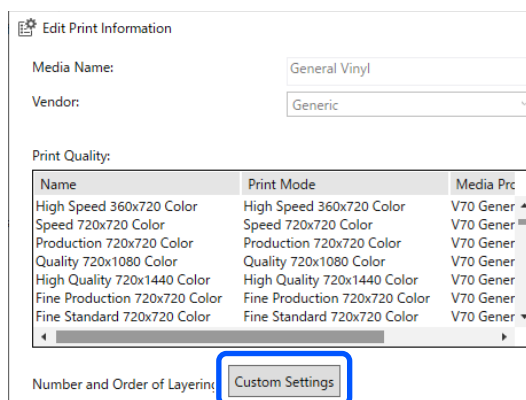
When creating print data for layered printing, you can customize the number and order of layering for each print layer for color, WH, or Vr for each type of media.

You can select the number and order of layering that you created from **Number and Order of Layering** in  (Basic Settings) in the Job Settings menu.

The following settings in the Job Settings menu are not available for jobs that have a customized number and order of layering.

- ☐ **Profile and Tone Curve** in the output settings from  (Color Settings)
- ☐ Everything from  (Mark)

- 1 Click Tool menu - **Manage Preset** -  (Manage Print Info), in this order.
- 2 Select the name of the media for which you want to customize the number and order of layering from the list, and then click  (Edit).
An editing dialog box appears.
- 3 Click **Custom Settings**.
The Custom Settings dialog box is displayed.



Printing layers (printing White, Metallic Silver, or Varnish)

Note:

- ❑ If **Custom Settings** is not displayed in the **Edit** dialog box, you need to re-register the printer to this software.
 *“When you want to register or unregister a printer that is being managed” on page 142*
- ❑ You can also open the **Custom Settings** dialog box from the **Job Settings** menu. Click  in **Number and Order of Layering** from  (**Basic Settings**).

4

Click  (Add).

Single Layer (Color Only) is added to **No. of Layers and Layer Order**.

The name shown in **Name** is displayed in **Print Quality** from  (**Basic Settings**) in the **Job Settings** menu. Change the name as necessary.

5

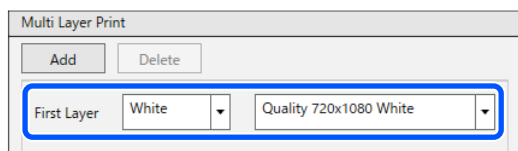
Select the **Single Layer (Color Only)** that you added in step 4 from the **No. of Layers and Layer Order** list.

The first layer and print quality are displayed in **Multi Layer Print**.

6

Select the first layer type and print quality from the list box.

The available print qualities depend on the type of layer.



7

Click **Add**, and then select the second layer type and print quality from the list box.

Repeat step 7 for each layer you want to add. You can add up to 10 layers.

Note:

- ❑ When **Select to increase the print speed.** is displayed in **Multi Layer Print**, select it to automatically consolidate the print quality according to the set layer order, thereby reducing the number of prints made. Reducing the number of prints will increase the printing speed.
- ❑ If you select **Select to increase the print speed.**, you can use the **Prioritize** list box to select whether to prioritize print quality or print speed. We recommend printing using the default settings first and checking the results before making changes to **Prioritize**.
- ❑ If you want to perform additional UV light curing after printing, select **UV Light Irradiation (Specify Strength)**. This is displayed when you are not using the SC-V7000.
- ❑ Click **Delete** to remove the layers in the order they were added.

Repeat steps 4 to 7 when creating multiple layers and layering orders.

To create a different number of layers and order based on the one you created, select the number of layers and order you want to use from the **No. of Layers and Layer Order** list in step 4, and then click  (Copy).

A copy is created and you can edit the copied number of layers and order.

8

Click  to close the settings dialog box.

9

Click **OK**.

When you want to print the WH or Vr layer repeatedly

When you select a model that supports UV ink as the printer you are using, you can print one layer repeatedly for WH printing or Vr printing.

Repeatedly printing one layer allows you to perform printing such as thicker printing for Vr.

Printing layers (printing White, Metallic Silver, or Varnish)

You can only set repeat printing for WH printing or Vr printing for which the print quality is set for each layer.

Repeat printing cannot be set for layers in which print quality has been automatically consolidated when you selected **Select to increase the print speed.** to customize the number and order of layering.

The following explains the procedure for setting up repeat printing.

- 1 Select the WH or Vr job for which you want to set repeat printing from the layered jobs in the Job List.

Only the image for the selected color appears in the preview area.

- 2 On the Job Setting menu, click  (Layer Setting).

The setting area changes to Layer Setting.

- 3 Set the number of prints for the selected job in **Number of Overprints**.

The default setting is 1. When setting repeat printing, set the number of overprint times to 2 or more.

You can set up to 10 as the total **Number of Overprints** for layers including color layers of a layered job.

Example: When printing a layered job with 3 layers (1st layer - WH, 2nd layer - color, 3rd layer - Vr)

- ☐ When setting the number of repeat prints for either WH or Vr, you can set up to 8 as the **Number of Overprints** for one layer.
- ☐ When setting the number of repeat prints for both WH and Vr, the total **Number of Overprints** for each layer should be set to 8 or less.

Using Color Collection

To print the same spot color frequently in multiple jobs, you should register its information, such as the name of the spot color and its Output Color, in Color Collection. If you are setting the same spot color in the print data, you can manage Output Color in batch because the Output Color registered in Color Collection is applied to all jobs to be printed, in general.

Being able to do color replacement is limited to jobs in the following data formats.

- ☐ PDF
- ☐ EPS
- ☐ PS

If a spot color that is not registered in Color Collection is set in an image in the data, it is printed with the tone registered in Illustrator and Photoshop.

Because you can register separate groups for spot colors in Color Collection, you can also register a different Output Color for the same spot color, changing it according to the media type. If you do this, enable only the necessary groups and set their priority level. Doing this determines the most applicable color for the Output Color when printing a spot color.

 [“To enable only required spot colors” on page 81](#)

 [“Applying priority levels to groups” on page 81](#)

You can export spot colors that are registered in the Color Collection by group.

You can import the following files to the Color Collection.

- ☐ Files that have been exported (.epcc)
- ☐ Adobe Color Book files from Illustrator (.acb)
- ☐ Swatches library files from Photoshop (.aco)

 [“Exporting spot colors” on page 82](#)

 [“Importing spot color files” on page 82](#)

You can print color samples in the Color Collection groups.

This is useful when the designer and the printer are discussing print colors.

 [“Printing Color Samples” on page 82](#)

You can adjust spot colors as a batch in Color Collection group units.

This is useful when you want to use the spot colors registered in the group with another type of media or other print settings, or when you want to match the output color to a specified color such as a print sample.

Note that only spot colors registered as Lab values can be adjusted as a batch.

 [“Adjusting Spot Colors as a Batch” on page 82](#)

See the following for how to register spot colors in Color Collection.

Editing/adding spot colors

There are the following two main methods for adding a new Output Color to a spot color and for changing the Output Color of a registered spot color.

- ☐ Checking printouts to set color values
 -  [“Editing/adding procedure” on page 80](#)
- ☐ Setting the results of a measured color sample as an Output Color

This can only be done if the supported colorimeter is connected.

 -  [“Supported colorimeters” on page 165](#)
 -  [“Setting the measured color sample as the Output Color” on page 80](#)

Using Color Collection

The following shows the maximum number of registrations you can make for Color Collection groups and spot colors.

- ❑ Maximum number of groups: 64
- ❑ Maximum number of spot colors: 4000/group

Editing/adding procedure

- 1 Click, in order, the Tool menu - **Manage Preset** -  (Color Collection) -  (Edit). Click  (Add) to add.

If you selected Add, follow the wizard and specify a group name.

Inputting a group name creates a new group.

You can also select a pre-existing group name from the combo box.

The information for the selected spot color appears in **Details**.

- 2 Select either Lab values or CMYK from **Specify Output Color**.

If you frequently change the media type while printing, apply the Lab values.

CMYK is suitable if you rarely change the media type on which you print and you want to print using fixed color values.

If you also want to set the density for ink other than C,M,Y,K, such as WH, MS, FY, FP, or Vr, select **CMYK + WH**, **CMYK + MS**, **CMYK + Fy**, **CMYK + Fp**, **CMYK + FyFp**, **CMYK + WH,Vr**, or **CMYK + Vr** in **Specify Output Color**.

The input box changes according to the selected specification method.

- 3 Input color definition values to be used as Output Color.

- 4 After input is complete, click **OK**.

Setting the measured color sample as the Output Color

Before doing the following operations, connect the colorimeter to the RIP server so that you can use it. See the manual supplied with the colorimeter for more information about connecting and using the colorimeter.

- 1 To change the values, click the spot color name you want to edit from the list, and then click  (Edit). Click  (Add) to add.

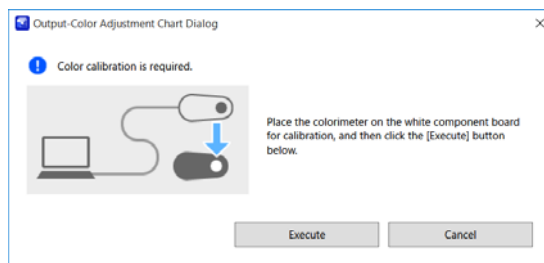
If you selected Add, follow the wizard and specify a group name.

Inputting a group name creates a new group. You can also select a pre-existing group name from the combo box.

- 2 In **Specify Output Color**, select either a Lab value or an ink color.

The input box changes according to the selected specification method.

- 3 Click **Color Measurement**.



Follow the on-screen instructions to do a color calibration, and then measure the color sample.

Complete the color measurement to change the color values of the Output Color according to the color measurement results.

After changing the Output Color, actually print the image and check the tones.

Using Color Collection

To create spot colors that differ from the original imported or added spot colors

In the list, select the spot colors you want as the original, and then click  (Copy).

A copy is created, so edit the copied spot colors.

To delete unwanted spot colors

In the list, select the group or spot colors that are not needed, and then click  (Delete).

To enable only required spot colors

You can use the following procedure to set groups for which the following jobs to print do not apply: when registering multiple color definitions with the same spot color name; when changing the Output Color according to the media using the same spot color name; or when creating groups based on the media type.

Select a group that does not apply to a job in the list, and then click  (Deactivate).

The check to the left of the group name is erased and disabled. If you want to enable it, select the group name again and click  (Activate).

Applying priority levels to groups

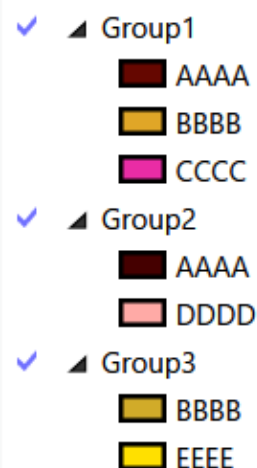
When managing spot colors by dividing them into multiple groups, you can put the groups in priority levels and specify the spot colors that apply to a job to be printed.

1 Select the group name for which to specify its priority level, and then click  / .

The following organizational diagram explains an example of spot colors that are registered and separated by groups.

If you want to apply BBBB of Group3 to a job to print, select **Group3**, and then click .

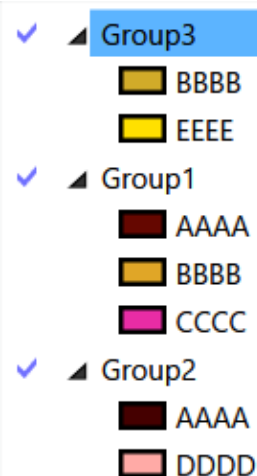
Group3 increases in priority by one.



2

Select **Group3**, and then click  once again.

Group3 moved to the top spot in the list. The first in the list has the highest priority level. The further down, the lower the priority level. In this example, although the spot color BBBB is also registered to **Group1**, if there were an image with spot color BBBB set to a job, the output color setting for spot color BBBB in **Group3** would be applied.



If an image with spot color AAAA set to the same job were included, the output color settings for spot color AAAA in **Group1** would be applied. Similarly, if an image set with the spot color DDDD were included, the output color settings for spot color DDDD in **Group2** would be applied. In this way, spot colors with the same name are applied from the group with the highest priority on the list.

Importing spot color files

The files that can be imported are as follows.

- ☐ Files that have been exported (.epcc)
- ☐ Adobe Color Book files from Illustrator (.acb)
- ☐ Swatches library files from Photoshop (.aco)

1 Click the Tool menu - **Manage Preset** -  (Color Collection) -  (Import), in this order.
Importing Color Collection wizard begins.

2 Select a file to Import.
You can import the Adobe Color Book files (.acb) for Illustrator and the Swatches library files (.aco) for Photoshop.

3 Specify the group name to be added.
You can manage spot colors by splitting them into groups. Inputting a group name creates a new group.
You can also select a pre-existing group name from the combo box.

4 Click **Finish**.
The spot colors that were imported into the list are added.

Exporting spot colors

You can reuse spot colors by exporting them by group, and then importing them on another computer on which this software installed.

- 1** Click, in order, the Tool menu - **Manage Preset** -  (Color Collection).
- 2** On the list, select and right click on the group to export, and then select **Export** from the menu that appears.
- 3** Select where to save the file, and then save it.
The extension for the saved file is (.epcc).

Printing Color Samples

You can create a Color Sample Job containing all of the colors registered in the selected group. The Color Sample Job is automatically added to the Job List. Select it from the Job List for printing. You can also create a color sample Job by selecting a group that has been disabled.

1 Click, in order, the Tool menu - **Manage Preset** -  (Color Collection).

2 Select and right-click on the group to create a color sample Job, and then select **Color Sample** from the menu displayed.

The Create Color Sample is displayed.

3 Set the color sample page size and Quick Sets you want to use, and then click **OK**.

The color sample job is created and added to the Job List. The selected group name becomes the job name.

When printing color samples on transparent film for models with WH/MS

If you want to create a color sample for printing color on a transparent film after printing a White background, we recommend that you automatically generate a WH plate in  (Layer Setting) in the Job Settings menu before printing.

 [“Automatically generating the layer for printing WH, MS, or Vr” on page 66](#)

Adjusting Spot Colors as a Batch

The following summarizes the work flow when adjusting spot colors as a batch.

Note that this feature can only adjust spot colors registered as Lab values.

Using Color Collection

Check that the spot colors you want to adjust are registered to the same Color Collection group

If any spot colors are not registered, register them in Color Collection.

 ["Editing/adding spot colors" on page 79](#)

**Make sure that a complete set of the job settings that will use the adjusted spot colors is saved in Quick Sets**

If Quick Sets has not been created, save the complete set of job settings to Quick Sets.

 ["Creating Quick Sets" on page 124](#)

**Create and print a spot color chart**

Select the spot color or color measurement method you want to adjust, create a spot color chart job, and then print it.

 ["Creating and Printing a Spot Color Chart" on page 83](#)

**Connect the color measurement device to the RIP server**

 ["Supported colorimeters" on page 165](#)

 See the manual supplied with the color measurement device

**Measure the colors in the printed spot color chart**

The spot color chart is measured using the selected color measurement method.

Perform spot color adjustments after performing color measurement.

 ["Measuring and Adjusting Spot Color Charts" on page 84](#)

Creating and Printing a Spot Color Chart

- 1** Click, in order, the Tool menu - **Manage Preset** -  (Color Collection).
- 2** Select the group you want to adjust from the list, and then click  (Group Adjust).
The Group Adjusting Color Collection wizard begins.
- 3** Select Quick Sets to use the adjusted spot colors, and then click **Proceed**.
You need to create the Quick Sets in advance. See the following for details.
 ["Creating Quick Sets" on page 124](#)
- 4** Select the spot colors to create the spot color chart, and then click **Print**.

Click **Select All** to select all of the spot colors that have been registered with Lab values.

However, spot colors that fall outside the color gamut in the Quick Sets job settings selected in step 3 are displayed as  and are not selected.

Note:

*If you want to adjust spot colors for which  is displayed, select **Adjust Out-of-Gamut Spot Colors** to allow them to be selected.*

However, even if you make these adjustments, you may not be able to reproduce the colors completely on your printer or media.

- 5** Select Colorimeter and Color Measurement Method, and then click **Execute**.

The following two methods are available for Color Measurement Method.

Using Color Collection

Spot Measurement

Measure the spot color chart colors one-by-one.

However, if the number of spot colors selected in step 4 exceeds 100, Spot Measurement cannot be performed and they are not displayed in **Color Measurement Method**.

Scan Measurement

Slide the color measurement device horizontally to measure colors using the horizontal lines on the spot color chart.

Note:

- ☐ When the **Measure color according to media type** checkbox is displayed, we recommend selecting it and creating a spot color chart.
If the tones of spot colors adjusted using a spot color chart created when **Measure color according to media type** is selected differ from what is expected, clear the checkbox and create the spot color chart again.
- ☐ You can change the display conditions for the **Measure color according to media type** checkbox by clicking the Tool menu - **Preferences** -  (General), and then selecting **Media Type Detection**.

- 6** When the message **The spot color chart has been added to the job list.** is displayed, click **Finish**.

The spot color chart is created and added to the Job List. The job name is composed of the following elements.

<group name>_<Quick Sets name>_AdjustmentChart.pdf

- 7** Select a spot color chart job in Job List, and then click  (Print) on the job toolbar to start printing.

Note:

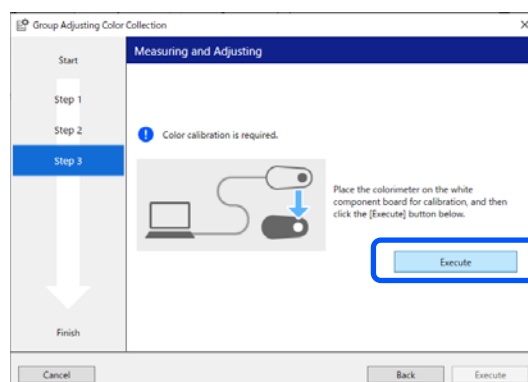
Allow the printed spot color chart to dry thoroughly before measuring the color.

Drying times will vary depending on the ink and media being used.

Measuring and Adjusting Spot Color Charts

Before doing the following operations, connect the colorimeter to the RIP server so that you can use it. See the manual supplied with the colorimeter for more information about connecting and using the colorimeter.

- 1** Click, in order, the Tool menu - **Manage Preset** -  (Color Collection).
- 2** Select the same group from the list as the group you selected when you created the spot color chart, and then click  (Group Adjust).
The Group Adjusting Color Collection wizard begins.
- 3** Select the same Quick Sets as the Quick Sets selected when creating the spot color chart, and then click **Proceed**.
- 4** Click **Color Measurement**.
Do not change the spot color selection after creating the spot color chart.
If you change the spot color selection at this point, you need to recreate the spot color chart.
[🔗 “Creating and Printing a Spot Color Chart” on page 83](#)
- 5** Click **Execute**.
Follow the on-screen instructions to calibrate the color measurement device.



Using Color Collection

If you are using the SD-10 Epson spectrophotometer and the **Media Color Measurement** screen is displayed after performing color calibration, follow the on-screen instructions to measure the margin at the top-right corner of the spot color chart.

6

Measure the spot color chart using the color measurement method selected when the spot color chart was created.

The following explains the color measurement methods.

Spot Measurement

- (1) On the screen displayed, select the number of color measurements for one color patch in **No. of Measurements**.

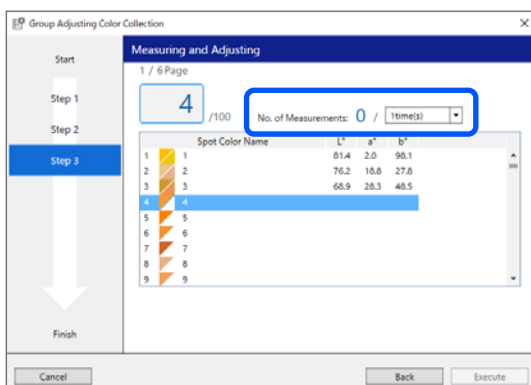
Since the median of the color measurement results is used when measuring five times, the overall accuracy is higher than when measuring once.

- (2) Measure the first color patch.

Once the color has been measured, the white triangle in the selected color patch is colored in.

When the selected number of colors have been measured, the next color patch is selected.

- (3) Measure all of the color patches on the spot color chart as described in step (2).

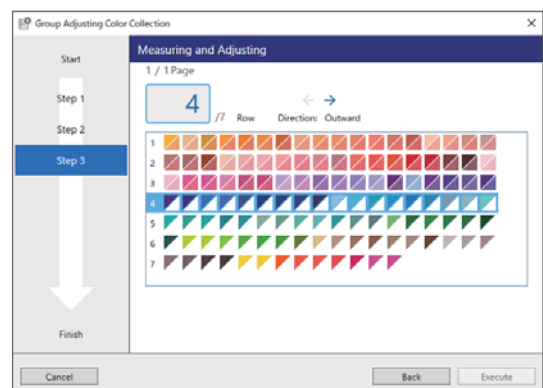


Scan Measurement

- (1) Measure the color patches on the first line.

When color measurement is complete for the first line, the white triangle in the color patch selected on the screen is colored in and the next line is selected.

- (2) Measure all of the color patches on the spot color chart as described in step (1).



Note:

Color measurement may fail in the following situations.

- ☐ When the color measurement device moves too fast or too slow.
- ☐ When you release your finger from the button on the color measurement device during color measurement.

If color measurement fails, re-measure the line that failed.

7

Click **Execute**.

Spot color adjustment starts.

Note:

Execute is grayed out and you cannot click it until measurement is complete for all of the colors on the spot color chart.

Using Color Collection

8

When the message **The adjusted spot color group has been added.** is displayed, check the group name for the adjusted group, and then click **Finish**.

The adjusted group is added to Color Collection. The group name is composed of the following elements.

<group name before adjustment>_<Quick Sets name>

If you print with Quick Sets selected when creating the adjustment chart, the output color settings for the spot colors after adjustment are applied.

Printing Fluorescent Colors

Printing Fluorescent Colors

This can only be performed when a model that features Fluorescent Yellow ink (hereafter called FY)/ Fluorescent Pink ink (hereafter called FP) is selected as the target printer.

How to create print data

You can create print data for fluorescent color printing using any of the following methods.

The method of creating print data changes depending on whether the image is printed using the fluorescent ink colors installed in the printer, printed as a process color by combining the fluorescent colors and the CMYK inks, or as an expression of the gradation of the fluorescent color in the image.

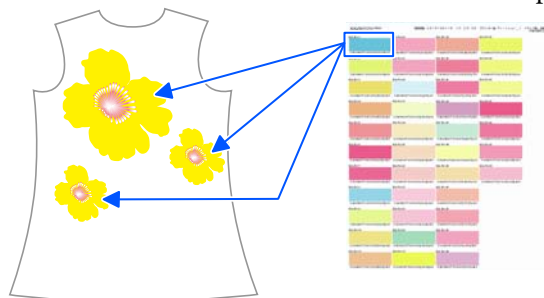
Printing fluorescent colors using Color Replacement or by replacing the ink

You can use image processing software to create standard CMYK color data, and then use this software to print in fluorescent colors by performing Color Replacement or by replacing the ink. Image processing software allows you to print fluorescent colors without having to create special data for fluorescent colors.

- ❑ **Printing parts you want to be fluorescent using Color Replacement**
You can create a color sample job in Color Collection in advance and print it out, then use it to select the color you like during Color Replacement. You can then enter the color value specified below the color to replace it with the color you want.
This allows you to easily print a wide variety of fluorescent colors.

Example:

Printing by replacing yellow parts of the image data with the color selected from the color sample



See the following for more information on printing color samples.

🔗 [“Printing Color Samples” on page 82](#)

See the following for detailed information about replacing colors.

🔗 [“Replacing a job's Output Color” on page 58](#)

- ❑ **Printing the Y and M parts of a CMYK image using the printer's FY and FP inks**
You can set **Fluorescent Color Setting** to **Print YM with FyFp** or **Print Y with Fy** from Add or Edit in the Quick Sets, and then print using that Quick Sets to replace them with FY or FP ink.
If the color setting for the image is a single Y or M color, it is printed using the FY or FP color ink installed in the printer. When the process color is a combination of CMYK, the process color then becomes a combination of C, K, FY, or FP or C, M, K, or FY depending on the **Fluorescent Color Setting** setting.
See the following for detailed information about Quick Sets.
🔗 [“Creating job settings that are often used \(Quick Sets\)” on page 124](#)

Printing Fluorescent Colors

Creating an image by setting the original fluorescent color of the color sample

This method of creating print data is useful when printing a variety of fluorescent colors using Epson Fluorescent Color Collection provided by Epson with CMYK inks.

To create fluorescent images in image processing software, set the colors using Epson Fluorescent Color Collection and then create the print data.

See the following for how to do the detailed operations.

 [“Creating and Printing Images by Setting Fluorescent Colors from the Color Samples” on page 88](#)

Printing gradation in fluorescent colors

This method of creating data is useful when printing data with fluorescent color gradation in the image.

Make spot color settings in the image processing software for parts that you want to print in fluorescent colors.

The fluorescent color to be printed is the fluorescent color ink installed in the printer.

See the following for details on how to create print data with spot colors.

 [“Printing Gradation Using Fluorescent Colors” on page 90](#)

Printing gradation in fluorescent colors by using color replacement

This method is useful for creating print data easily without having to make spot color settings in image processing software.

The fluorescent color to be printed is the fluorescent color ink installed in the printer.

See the following for how to do the operations.

 [“Replacing Colors and Printing Gradations Using Fluorescent Colors” on page 95](#)

Creating and Printing Images by Setting Fluorescent Colors from the Color Samples

The following provides the workflow up to printing.

Decide which fluorescent color to use

The designer and printer decide which fluorescent color to place in Color Collection based on the color samples

 [“Printing Color Samples” on page 82](#)



Open Epson's fluorescent color Swatch Library in image processing software

The designer opens Epson's fluorescent color Swatch Library in image processing software to create print data

 [“Preparing to create print data” on page 89](#)



Create print data for fluorescent color printing using image processing software

Select the fluorescent color you want to use from the Swatches panel and set it for an image

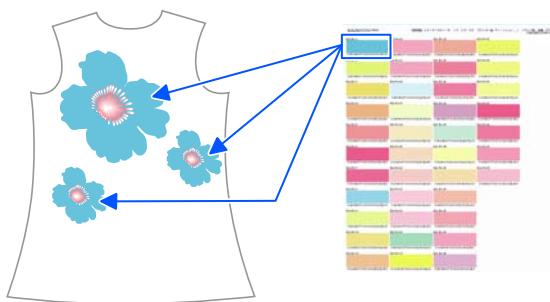
 [“Creating print data” on page 89](#)



Add the Job to this software and then print

 [“Printing fluorescent colors” on page 89](#)

Printing Fluorescent Colors



Creating print data

Preparing to create print data

Open Epson's fluorescent color Swatch Library (Epson Fluorescent Color Collection) in the image processing software the designer uses to create print data.

You can find Epson's fluorescent color Swatch Library by accessing **Option File - Color Sample Book** on the download site for this software (<https://support.epson.net/eep/>).

For example, in Illustrator you can use one of the following methods to open the Swatch Library.

- ❑ Click **Window - Swatch Library - Other Libraries**, select the location of the file above, and then select the file.
- ❑ On the Swatches panel menu, click **Open Swatch Library - Other Libraries**, select the location of the file above, and then select the file.
- ❑ On the Swatches panel, click the Swatch Library menu button (📁) - **Other Libraries**, select the location of the file above, and then select the file.

Creating print data

- 1 From the Swatch Library you opened above, select the color that you decided to use in advance by checking the color sample, and then set the color for the image you want to print in fluorescent color.
- 2 When the image for the CMYK part is also available, it is created as normal.
- 3 When the image is complete, save the data in PDF format.

Printing fluorescent colors

- 1 Click (Add) in the Job toolbar and add the print data to the Job List.
Or, drag and drop the print data onto the Job List.

The name of the data and a thumbnail for the print data that was added appear in the Job List.
- 2 Select the job you just added from the Job List.
When multiple rows are displayed, select the root (the row with a triangle on the left).

An image of the printout appears in the preview area.
- 3 Click (Basic Settings) on the Job Settings menu, and then check that the fluorescent color setting displayed after the **Print Quality** item name is set to **Print with All Colors (Manually Adjust Fluorescent Colors)**.

If the setting is different, change it to another Quick Sets or create or edit the Quick Sets.

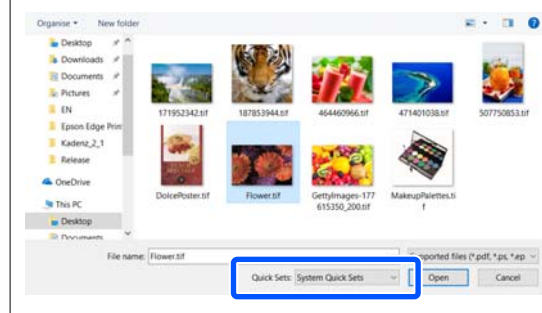
Quick Sets are a saved batch of print job settings. Jobs are generated according to these settings.

“Creating job settings that are often used (Quick Sets)” on page 124

Note:

If you want to change to another Quick Sets, click (Job Info) in the Job Settings menu, and then select the changed Quick Sets in **Quick Sets**.

When you click (Add) and select the print data, you can also select Quick Sets at the same time.



- 4 Click (Basic Settings) in the Job Settings menu, and then select the print quality in **Print Quality**.

Printing Fluorescent Colors

- 5** Confirm other settings and click  (Print) on the job toolbar to start printing.

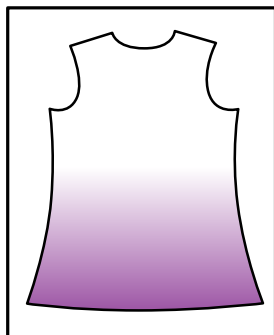
Printing Gradation Using Fluorescent Colors

This section explains how to use Adobe image processing software to create two separate pieces of print data at the same size, such as process colors as shown in **A** and spot colors such as FP as shown in **B**, and then combine the two using this software and then print.

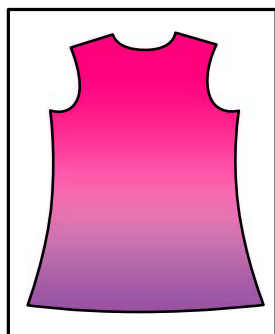
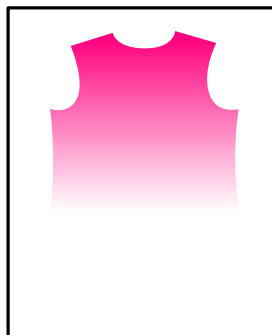
A sets the gradation from 0 to 100% for process color images. The parts that overlap with spot colors are printed in a color that combines the set process color and the spot color.

B sets the gradation from transparent to opaque for spot color (FP) images. A gradation setting of 0 to 100% does not provide a pure spot color (FP).

A Color data



B Data for fluorescent color printing



 [“Setting spot colors in Illustrator” on page 90](#)

 [“Setting spot colors in Photoshop” on page 91](#)

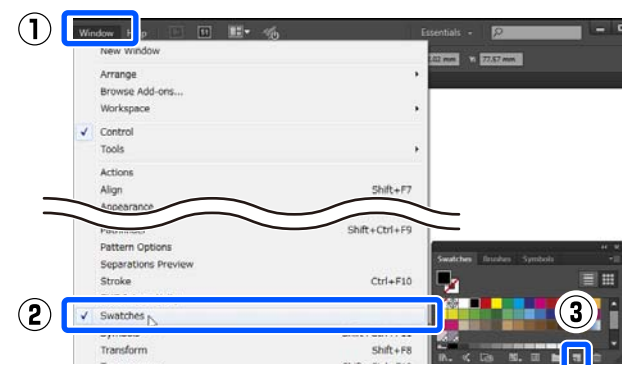
Setting spot colors in Illustrator

Image **B** is used as an example to explain the procedure for using Adobe Illustrator CC(2015) to set the spot colors for the parts being printed in fluorescent colors.

In **A**, specify the color using standard process colors, set the gradation, and then save in PDF format.

- 1** Start up Illustrator and open the print data.

- 2** Click **Window - Swatches**  (New Swatch).



- 3** Save the spot color to be used in the fluorescent color setting in Swatches, and then click **OK**.

As shown below, specify the spot color name, as well as the color to print from the screen in Illustrator.

(1) Swatch Name

Input the spot color name as follows, according to the color to be printed. The following input is case sensitive.

For FY printing: FluoYellow

For FP printing: FluoPink

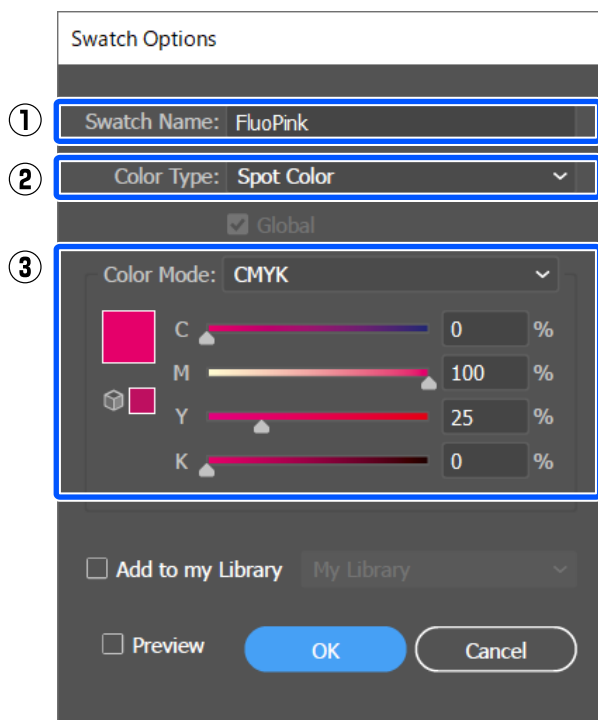
(2) Color Type

Select **Spot Color**.

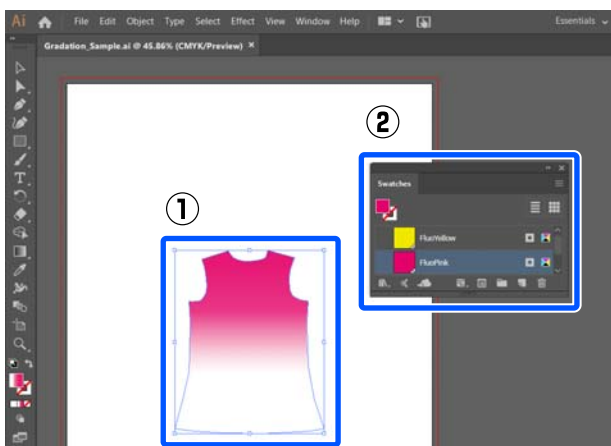
Printing Fluorescent Colors

(3) Color Mode

Select **CMYK**, and then specify the color to print from the screen in Illustrator. We recommend specifying a bright color that is not used in any other colored part because it is difficult to identify the background color if you use white (all CMYK at 0%). (Pink is set in the example image.) It is actually printed as FP.

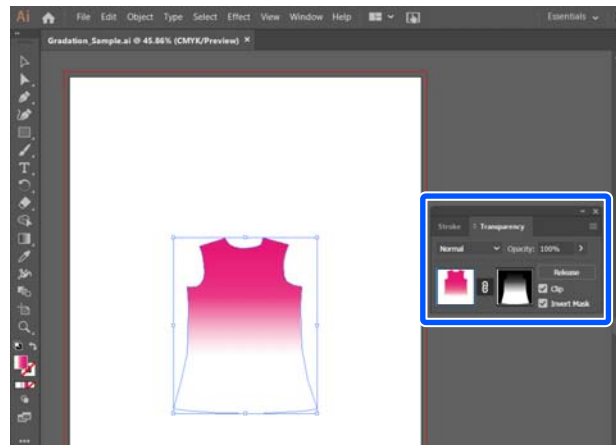


- 4 Select images to print using FP, and then specify the spot color you saved to the Swatches in step 3 to color them.



- 5 Set the gradation.

Copy the image for which you set FP in step 4, overlay it over the original image, set the gradation for the image at the front, and then create an **Opaque mask**.



- 6 When you are finished with the spot color settings, save the data in PDF format.

Setting spot colors in Photoshop

Image **B** is used as an example to explain the procedure for using Adobe Photoshop CC(2015) to set the spot colors for the parts being printed in fluorescent colors.

In **A**, specify the color using standard process colors, set the gradation, and then save in PDF format.

- 1 Start up Photoshop and open the print data.

- 2 Click **Window - Layer**.

- 3 Right click on a layer that includes parts that are printed in FP, and then click **Duplicate Layer**.

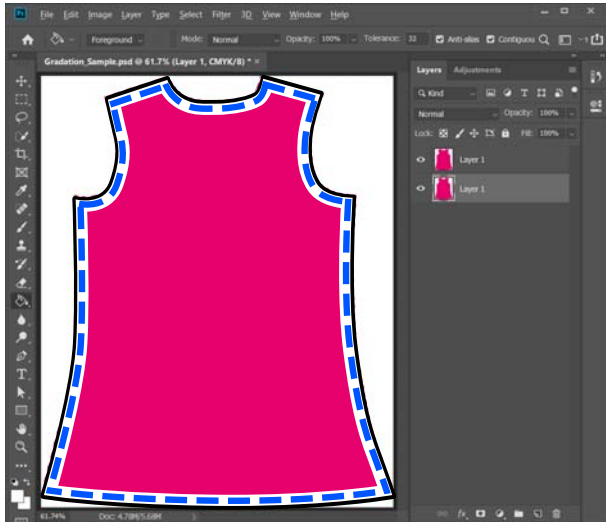
The image is copied and there are now two image layers.

- 4 On the **Layer**, select the original image layer, and then delete the part that is printed in FP.

There are two ways to select only the part that is printed in FP. For more information, see the online help for Photoshop.

Printing Fluorescent Colors

- ❑ Use the  (Quick Selection tool) or  (Magic Wand tool) for selecting things.
- ❑ After using the **Select** tool to select an area that includes FP, use **Select - Color Range** to specify the color for FP.

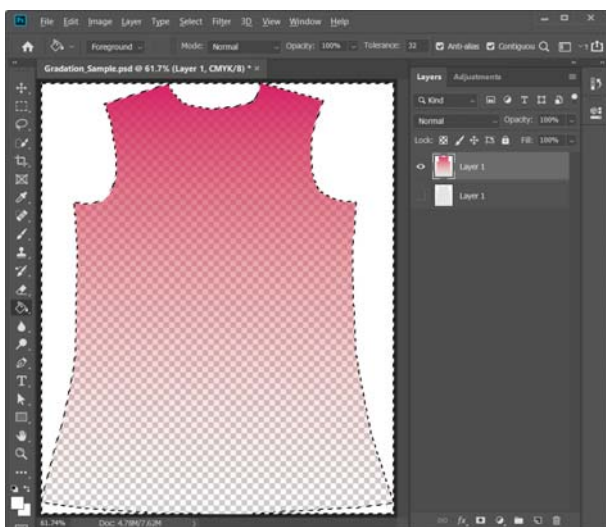


- 5** On the **Layer**, select the copied layer and click **Select - Inverse**, and then delete all the parts except those printed in FP.

The parts that are not printed in FP disappear so that parts where there is nothing are selected.



- 6** Set the gradation from transparent to opaque for the image that you selected in step 5 for printing only in FP.



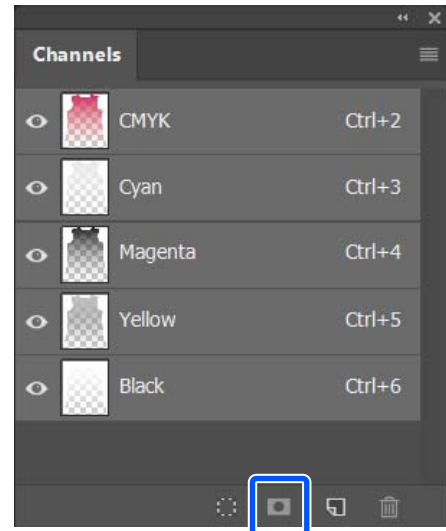
7

Click **Window - Channel**.

Check that the correct target image is selected.

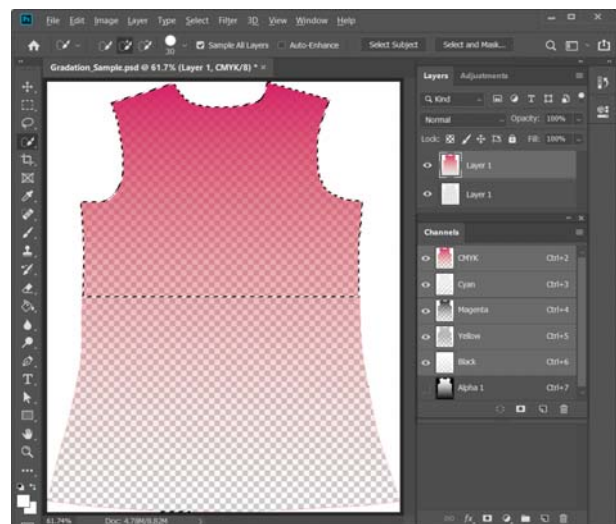
8

Click  (Save selection as channel).



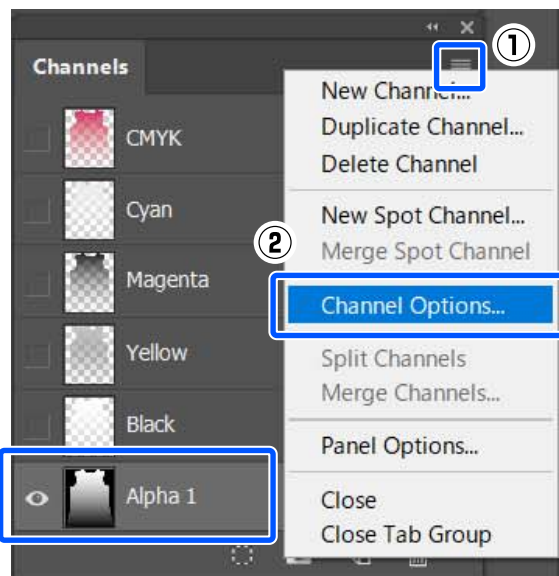
Perform **Clear Selection** and then perform **Invert Gradation**.

The parts that are printed in FP are masked.
(The red colored parts are the masked areas.)



Printing Fluorescent Colors

- 9 While **Alpha channel** is selected click the menu and then click **Channel Options**.



- 10 Set the spot color to be used in the spot color settings as Spot Color, and then click **OK**.

As shown below, specify the spot color name, as well as the color to print from the screen in Photoshop.

(1) **Name**

Input the channel name as follows, according to the color to be printed. The following input is case sensitive.

For FY printing: FluoYellow

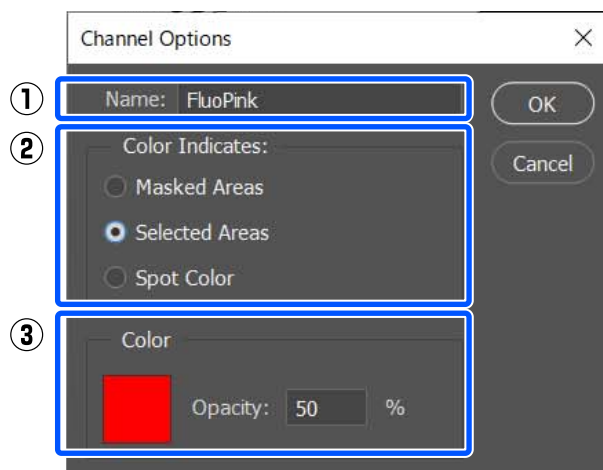
For FP printing: FluoPink

(2) **Color Indicates**

Select **Spot Color**.

(3) **Color**

Specify the color from the screen in Photoshop for the parts to print with FP. (Red is set in the example image.) It is actually printed as FP.



- 11 When you are finished with the spot color settings, save the data in PDF format.

Combining and printing a Job

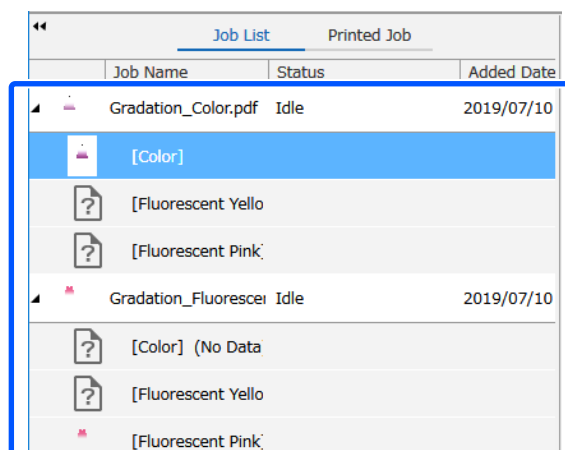
- 1 Click (Add) on the job toolbar to add print data (image data for **B**) set with spot colors and print data (image data for **A**) set as the gradation with the standard process colors. Or, drag and drop the print data onto the Job List.

A row of colors (colors, Fluorescent Yellow, or Fluorescent Pink) is displayed directly below the root of each Job added in the Job List.

However, rows labeled as **No Data** differ depending on the color set for the added Job.

When you add a Job with process colors set, the **Fluorescent Yellow** or **Fluorescent Pink** row is labeled **No Data**.

When you add a Job with spot colors set, the rows for spot colors that are not set to **Color** are labeled **No Data**.



Printing Fluorescent Colors

- 2 Select the root of the job (the row with a triangle on the left) for the color you added in the Job List.

An image of the printout appears in the preview area.

- 3 Click  (Basic Settings) on the Job Settings menu, and then check that the fluorescent color setting displayed after the **Print Quality** item name is set to **Print with All Colors (Manually Adjust Fluorescent Colors)**.

If the setting is different, change it to another Quick Sets or create or edit the Quick Sets.

Quick Sets are a saved batch of print job settings. Jobs are generated according to these settings.

 [“Creating job settings that are often used \(Quick Sets\)” on page 124](#)

Note:

If you want to change to another Quick Sets, click  (Job Info) in the Job Settings menu, and then select the changed Quick Sets in **Quick Sets**.

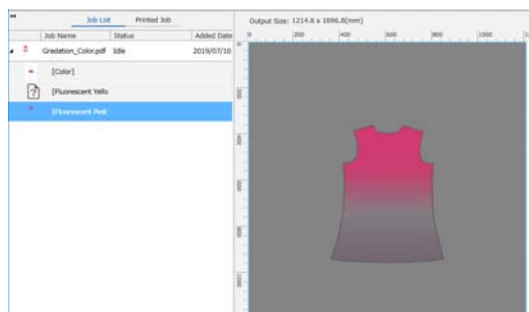
When you click  (Add) and select the print data, you can also select Quick Sets at the same time.



- 4 Select the Job you want to print using fluorescent colors from the Job List, and then drag and drop it onto the fluorescent color row of the target color Job.
Or, press and hold the **Ctrl** key while selecting the fluorescent print Job and the target fluorescent color row, open the right-click menu, and then select **Combine**.

In this example, the **B** image job is being dragged and dropped onto the **Fluorescent Pink** row.

In this example, Fluorescent Yellow is not printed, and therefore nothing is done to the **Fluorescent Yellow** row.

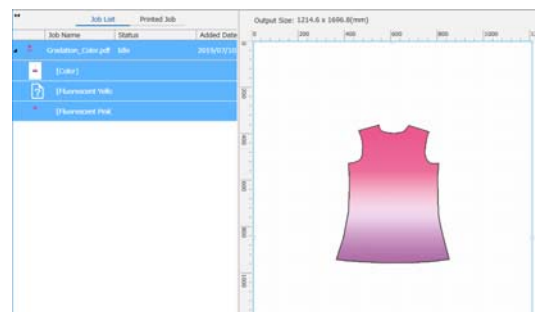


The following jobs cannot be combined.

- ☐ When the image size of the color data and the print data for fluorescent color printing are different.
- ☐ When there is no **No Data** layer to combine in the color data.

- 5 Select the root for the fluorescent color job (the row with a triangle on the left) in the Job List.

An image of the printout appears in the preview area.



- 6 Click  (Basic Settings) in the Job Settings menu, and then select the print quality in **Print Quality**.

You can change the details for the print quality in **Manage Print Info**.

 [“Creating print information suitable for the media being used” on page 128](#)

- 7 Confirm other settings and click  (Print) on the job toolbar to start printing.

Printing Fluorescent Colors

Replacing Colors and Printing Gradations Using Fluorescent Colors

The following provides the workflow up to printing.

Create data using image processing software

Create separate color data and fluorescent color data at the same size.

 ["Preparing the data" on page 95](#)



Add each data to the job in this software and perform combination and replacement for fluorescent colors

Combine color data and fluorescent color print data into one Job, and then replace the fluorescent color print data with the target fluorescent color.

 ["Procedure for combining jobs and replacing fluorescent colors" on page 96](#)



Printing

 ["Printing procedure" on page 97](#)

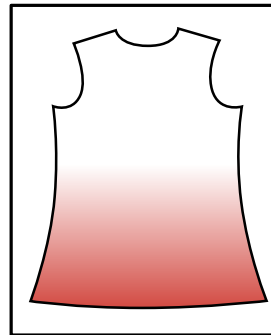
Preparing the data

Use Adobe image processing software to create separate print data at the same size such as those shown in **A** and **B**.

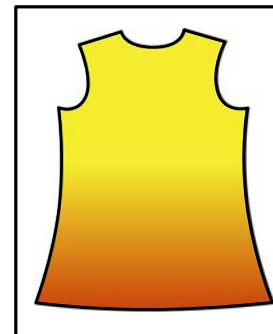
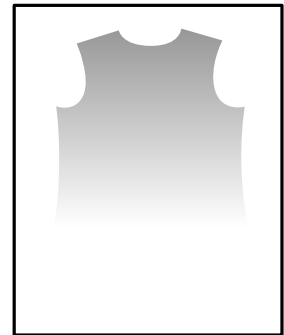
A sets the gradation from 0 to 100% for process color images. The parts that overlap with **B** are printed in a color that combines the set process color and the fluorescent color.

B sets the gradation from 0 to 100% for grayscale images.

A Color data



B Data for fluorescent color printing



This example shows an image when the fluorescent color print data is replaced with FY in **Color replacement for spot colors**.

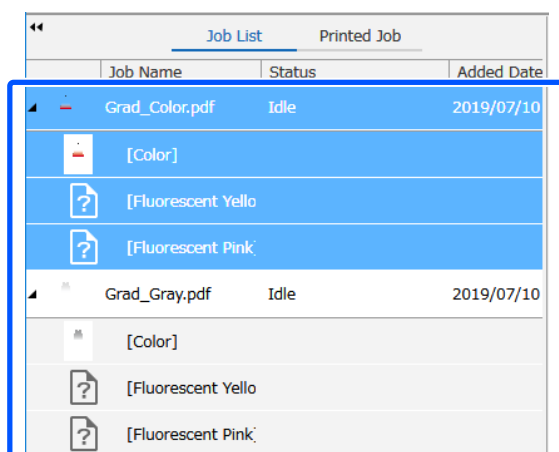
The procedure for combining using this software and replacing fluorescent colors using **Color replacement for spot colors** is described later.

Printing Fluorescent Colors

Procedure for combining jobs and replacing fluorescent colors

- 1 Click  (Add) on the job toolbar to add the color data and the fluorescent color print data to the Job List.
Or, drag and drop the print data onto the Job List.

A row of colors (colors, Fluorescent Yellow, or Fluorescent Pink) is displayed directly below the root of each Job added in the Job List.



- 2 Select the root of the job (the row with a triangle on the left) for the color you added in the Job List.

An image of the printout appears in the preview area.

- 3 Click  (Basic Settings) on the Job Settings menu, and then check that the fluorescent color setting displayed after the **Print Quality** item name is set to **Print with All Colors (Manually Adjust Fluorescent Colors)**.

If the setting is different, change it to another Quick Sets or create or edit the Quick Sets.

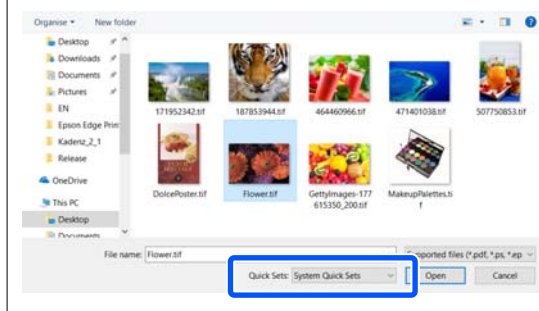
Quick Sets are a saved batch of print job settings. Jobs are generated according to these settings.

 [“Creating job settings that are often used \(Quick Sets\)” on page 124](#)

Note:

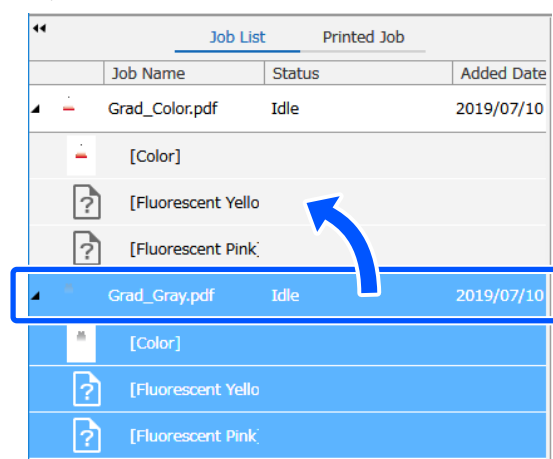
If you want to change to another Quick Sets, click  (Job Info) in the Job Settings menu, and then select the changed Quick Sets in **Quick Sets**.

When you click  (Add) and select the print data, you can also select Quick Sets at the same time.



- 4 Select the Job you want to print using fluorescent colors from the Job List, and then drag and drop it onto the fluorescent color row of the target color Job.
Or, press and hold the **Ctrl** key while selecting the fluorescent print Job and the target fluorescent color row, open the right-click menu, and then select **Combine**.

In this example, the **Fluorescent Yellow** row is the target of the operation as it is being replaced by Fluorescent Yellow.

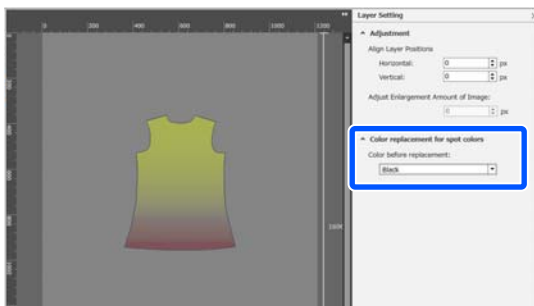


The following jobs cannot be combined.

- ❑ When the image size of the color data and the print data for fluorescent color printing are different.
- ❑ When there is no **No Data** layer to combine in the color data.

Printing Fluorescent Colors

- 5 Select the **Fluorescent Yellow** row in the Job List.
The image is not displayed in the preview area because it has not yet been replaced by the fluorescent color.
- 6 Click  (Layer Setting) on the Job Settings menu.
The setting area changes to Layer Setting.
- 7 Select the target fluorescent color in **Color replacement for spot colors**.
In this example, select **Black**.
The image for fluorescent color printing is displayed in the preview area.



Printing procedure

- 1 Click  (Basic Settings) in the Job Settings menu, and then select the print quality in **Print Quality**.
- 2 Confirm other settings and click  (Print) on the job toolbar to start printing.

Color Settings

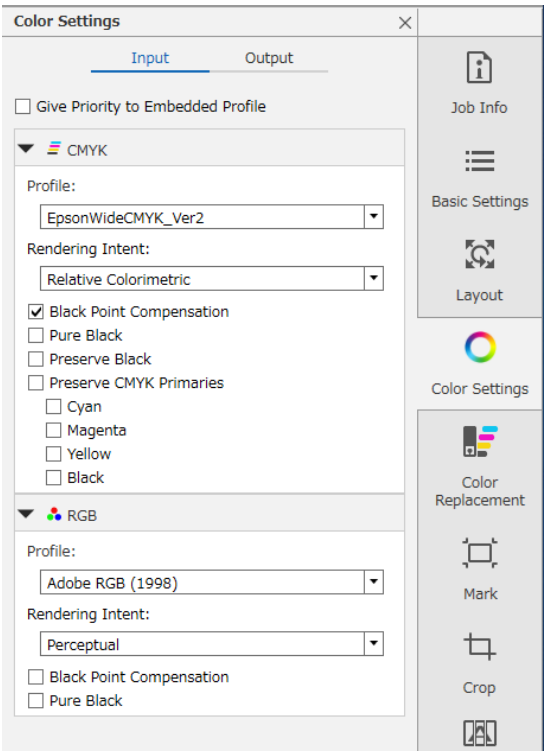
You can do settings for print data (input) and do settings for jobs (output) in Color Settings.

- 1

Select a job in which to set the colors from the Job List.
- 2

Click  (Color Settings) in the Job Setting menu.
- The setting area changes to Color Settings.

Overview of input settings



Set a suitable color space (CMYK/RGB) according to the color space used for the print data.

If you cannot confirm the color space, set both.

Input profile settings

To reproduce the colors of the print data as closely as possible when printing, do the settings, as shown below, according to the conditions of the print data.

Note:

If you select a Print Quality that has been set with DeviceLinkProfile in ≡ (Basic Settings) on the Job Settings menu, **DeviceLinkProfile** is displayed to the right of the **CMYK** and **RGB** display. When **DeviceLinkProfile** is displayed, you cannot make input settings.

- ☐

For applying the profile of print data that is a PDF in which the input profile is embedded and printing
Select **Give Priority to Embedded Profile**. For PDF, you can set whether or not to embed a profile for each image in the data. Input profile settings for this software are applied for images for which a profile is not embedded.

Note:

If multiple input profiles are embedded in the data, the print results may differ from the preview.

- ☐

When the print data does not have an embedded input profile, or if you do not know what kind of input profile was used
We recommend clearing the **Give Priority to Embedded Profile** checkbox, and selecting the following input profile.

When you want to print with vibrant colors	
CMYK	EpsonWideCMYK_Ver2.icc*1
RGB	AdobeRGB1998.icc
When you want to do regular printing	
CMYK	Select a profile for regular printing
RGB	EwsRGB.icm*2 etc.

*1 Wide color gamut input color profile provided by Epson. You can print with a wider color gamut than the colors in regular printing. We recommend this when you want to print with vibrant colors, such as for signage applications. Do the following settings to confirm the appearance of the print results while you are creating the data.

 [“Confirming print results for wide color gamut input color profile when creating data” on page 101](#)

*2 Profile for sRGB color space provided by Epson.

Color Settings

Note:

When you want to use some other input profile you have prepared, if you save it to the following folder in advance, you can select from the list box.

- ☐ For CMYK
C:\ProgramData\EPSON\Epson Edge Print\Color\Common\icc\cmyk
- ☐ For RGB
C:\ProgramData\EPSON\Epson Edge Print\Color\Common\icc\rgb

Setting Rendering Intent

You can select from the following conversion methods for when you convert a color space from an input profile to an output profile.

Perceptual
Converted according to the balance of the entire image. Applicable for photographic images.
Relative Colorimetric
Converted so the input and output color gamut coordinates are the same, plus the white point (color temperature) coordinate values are the same. This is often used for color matching.
Saturation
Converted so the vividness of the colors is given priority over the accuracy of the colors. This is applicable for business graphics in which use of bright colors is favored, such as for graphs and diagrams.
Absolute Colorimetric
Converted to maintain the accuracy of colors. This is applicable when the accuracy of colors is important, such as for printing the color of logos.

Other color settings

Black Point Compensation
Select this checkbox if you feel that the shadow gradations are lost when a color space is converted from an input profile to an output profile.
Pure Black

Select this checkbox when you want to output images that are just black, such as pure black text or lines.

By selecting this checkbox, the parts of the print data that are pure black (CMYK: (0, 0, 0, 100%), RGB: (0, 0, 0)) are output with just black.

There is no effect on halftones (CMYK: (0, 0, 0, 50%), RGB: (30, 30, 30) and so on).

Preserve Black

This can only be set with CMYK data.

Select this checkbox when you want to output only black, regardless of the value for the parts of the data that are single-color black (CMYK: (0, 0, 0, X%) where the X% is any values from 1 to 100%).

Preserve CMYK Primaries

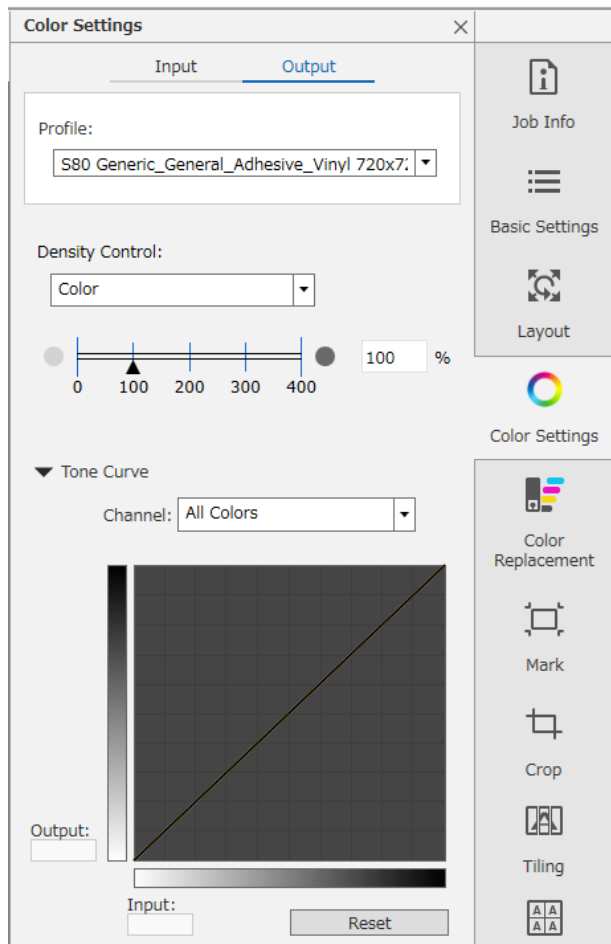
This can only be set with CMYK data.

Select this checkbox when you want to output primary colors for the parts of the print data that are only in cyan, magenta, yellow, or black. If you want to output only a specific color as a primary color, select the checkbox for the target color.

The primary colors depend on the color of the ink in the printer.

Color Settings

Overview of output settings



Changing media profiles

Media profiles are also called output profiles, and they are used when a job is output to the printer.

There is normally no reason to change them because the optimum media profile is set to the media that is selected in **Media Name** in ≡ (Basic Settings) in the Job Setting menu.

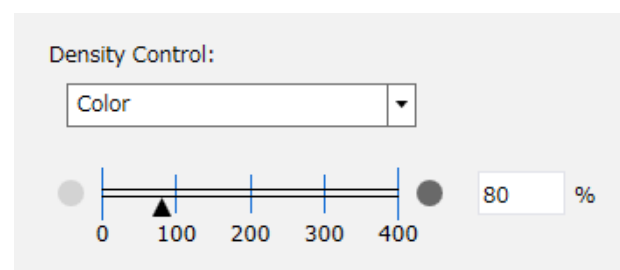
When they need to be changed, select the profile you want from the list box, and then set it.

Adjusting the amount of ink

Density Control allows you to adjust the amount of ink selected in the list box. Set the density by dragging ▲ to the left or right.

The initial position of ▲ is the current density. Moving it to the right makes the density more dense. However, too much density could cause smudging and smears when printing.

- ❑ When selecting a model featuring WH/MS as the printer you are using, you can adjust the density by selecting **White/Metallic Silver**, according to the Color Mode selected.
- ❑ When the selected target printer is a fluorescent color model, you can adjust the density by selecting **Fluorescent Yellow** or **Fluorescent Pink** according to the settings.
- ❑ When selecting a model that supports UV ink as the printer you are using, you can adjust the density by selecting **White** or **Varnish**. Additionally, in ≡ (Basic Settings) from the Job Settings menu, when you select a customized number of layers or layering order in **Number and Order of Layering**, you can adjust the density for each layer.
- ❑ When SC-S9100 Series or a printer that supports DTF (Direct to Film) is selected as the printer you are using, you can adjust the White ink density for areas where the color image overlaps with the WH print layer, and the White ink density for areas where the color image does not overlap, based on the selected color mode.
- ❑ On models other than the above, if there are two types of **Color (Except Black)** and **Black** displayed in the **Density Control** list box, you can adjust the density of Black ink and other inks.



Tone curve settings

You can fine-tune the density and the tone of the Output Color in **Tone Curve**.

Select the color you want to adjust in **Channel**, and then do adjustments by doing the following procedure.

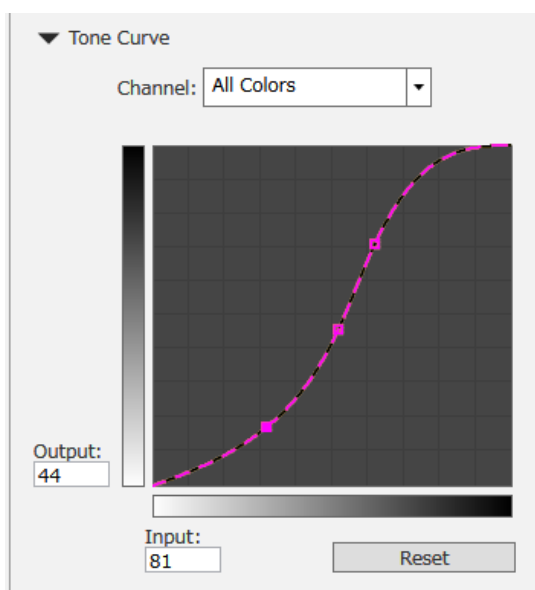
Color Settings

- (1) Click on the Tone Curve line to set a work point.
You can add multiple work points.

You can delete work points that are not needed by selecting them and pressing the **Delete** key.

- (2) Drag the work point to make adjustments.

Clicking **Reset** allows you to undo the adjustment results.



The adjusted results are reflected in the preview area.

Confirming print results for wide color gamut input color profile when creating data

The following section introduces the method to confirm print results in the preview display when you change them temporarily using the following operations while you create the print data. The settings in the work space of the image processing software are not changed.

This explanation uses Windows 7 in Adobe Illustrator CC(2015) as an example.

1

Install the Epson wide color gamut input profile on the computer you are using.

Copy EpsonWideCMYK_Ver2.icc, which is in the following folder on the RIP server, and save it to the computer you are using.

Drive of the storage device \Color\Common\icc\cmyk

Windows

Right click EpsonWideCMYK_Ver2.icc and select **Install**.

Mac

Copy EpsonWideCMYK_Ver2.icc to the following folder.

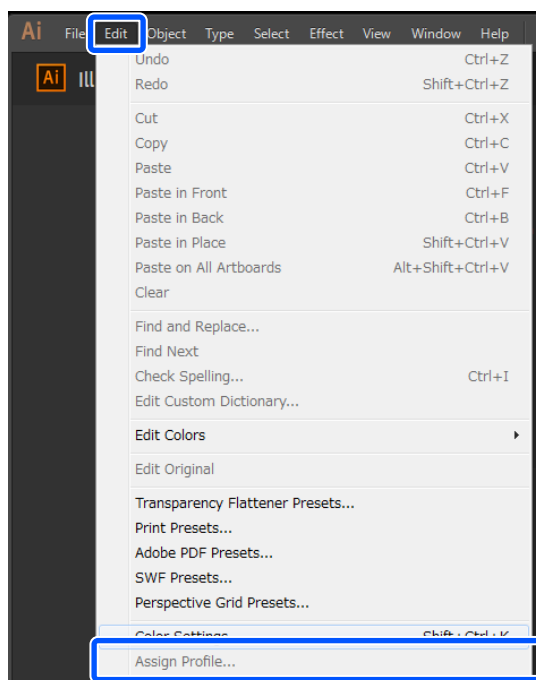
Library - ColorSync - Profiles

2

Start up Adobe Illustrator and open the print data.

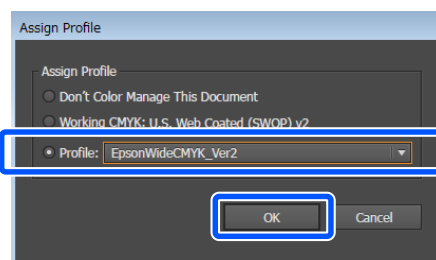
3

Click **Edit - Assign Profile**, in this order.



4

Select **EpsonWideCMYK_Ver2** in **Profile** and click **OK**.



Color Settings

The color displayed in the preview updates to comply with the profile.

5

After confirming, close Adobe Illustrator without saving the print data.

Closing Adobe Illustrator cancels the specified profile.

When you save print data the Epson wide color gamut input profile is embedded, and it is changed from the original state.

Checking the Reproducible Color Gamut (Gamut Viewer)

Checking the Reproducible Color Gamut (Gamut Viewer)

You can only use the following functions if you have already registered an account for Epson Cloud Solution PORT. However, even if you have already registered an Epson Cloud Solution PORT account, this may not be available depending on your country and region.

By starting the Gamut Viewer, you can check an image of the color gamut for various profiles used by this software.

Color Gamut and Gamut Viewer

A color gamut represents a range of colors. The Gamut Viewer in this software provides a method for displaying the color gamut.

You can view the following color gamuts and their corresponding profiles in the Gamut Viewer.

- ☐ **Input profile (CMYK/RGB)**
The color gamut that represents the range expressed by CMYK or RGB in the print data.
- ☐ **Media profile**
The color gamut that represents the range of colors that can be reproduced when printing (color reproducibility).

The printable color gamut varies depending on your printer, media, the print quality settings in this software, and other factors.

What are input profiles and media profiles?

Information about color gamuts is recorded in ICC profiles, such as input profiles and media profiles. The Gamut Viewer obtains and displays information about the color gamut by loading ICC profiles.

Input profile

An input profile determines how the CMYK or RGB values included in the print data are represented. Even if the CMYK or RGB values are the same, the colors will be different if the input profile is different.

The Gamut Viewer allows you to display the color gamut of the input profile and check the maximum range of colors that can be represented in CMYK or RGB.

Media profile

A media profile represents the colors that will be printed by your printer. By selecting an appropriate media profile based on your printer, media, and print quality, you can reproduce the colors in the print data more accurately.

Media profiles contain information about the color gamut that can be reproduced when printing, and the Gamut Viewer allows you to display and compare the color gamuts of each media profile.

When the appropriate media profile is not selected

The color gamut cannot be displayed accurately if the appropriate media profile is not selected. Additionally, colors may not be reproduced accurately when printing.

For example, if you select a wide color gamut media profile for a printer with a narrow color gamut, the printed colors may seem dull. Also, if you select a narrow color gamut media profile for a printer with a wide color gamut, the printed colors may seem too vivid.

Checking the Reproducible Color Gamut (Gamut Viewer)

Color gamuts and Color Settings

Normally, the color gamuts of the input profile and media profile differ, so the colors in the print data cannot be reproduced exactly. During printing, a process is performed to map the colors specified in the print data to a range that can be reproduced when printing. You can specify the mapping method in this software from the Job Settings menu,  (Color Settings) - Rendering Intent as well as other color settings.

Introduction to the Gamut Viewer Functions

The Gamut Viewer provides the following functions.

Displaying the color gamut

Displays the color gamut three-dimensionally within the color space. The Gamut Viewer displays the color gamut in the L* a* b* color space.

Displaying the input profile

By displaying the input profile's color gamut, you can check the range to which the CMYK and RGB values are mapped. When **Relative Colorimetric** is set in Rendering Intent, white point correction is performed, which may result in changes to the shape of the three-dimensional display of the color gamut (hereafter referred to as the "gamut") if the media profile is changed.

 [“Changing the Input Profile for a List” on page 113](#)

Displaying and comparing media profiles

By displaying the color gamut of the media profile, you can check the range of colors that can be reproduced when printing. You can also display and compare the color gamuts of multiple media profiles simultaneously. This allows you to compare the color gamuts of multiple print qualities and select the optimum printing quality.

 [“Adding a Media Profile to the List” on page 109](#)

Displaying color replacement colors

You can display the colors set in  (Color Replacement) from the Job Settings menu in the Gamut Viewer. Displays the color specified in the print data (Input Color) and the color that is expected to be reproduced when printing (Output Color). You can also click on  (Eyedropper) to display colors extracted from the print image in the preview area.

However, some of the colors displayed in the  (Color Replacement) setting area may not be shown in the Gamut Viewer.

 [“Replacing a job's Output Color” on page 58](#)

Displaying measured colors

You can connect the SD-10 Epson spectrophotometer to the RIP server (the computer on which this software is installed) to display the measured colors in the Gamut Viewer. Displaying it alongside the media profile allows you to check if the measured colors can be reproduced when printing.

 [“Measuring a color sample and adding a specified color” on page 111](#)

Changing the Output Color for color replacement

You can set the color displayed in the Gamut Viewer (Specified Colors) as the job's Output Color for color replacement. After changing the Output Color, you can use the Gamut Viewer to check the predicted values of the colors that will be reproduced when printing.

 [“Replacing Specified Colors with the Output Color from the Job” on page 111](#)

Starting the Gamut Viewer

There are two available methods to start the Gamut Viewer in this software.

- ☐ Starting from the Job Settings menu
This method allows you to start from the  (Basic Settings)/ (Color Replacement) setting area in the Job Settings menu. You can compare the media profile used for the selected job with the media profiles when you change the print quality or media.

Checking the Reproducible Color Gamut (Gamut Viewer)

- ❑ Starting from the Tool menu
This method allows you to start from **Start Gamut Viewer** in the Tool menu. You can change the input profile displayed.

Starting from the Job Settings menu

- 1 Click on  (Login) on the main screen to log in to Epson Cloud Solution PORT.
If  (Logout) is displayed, you are already logged in to Epson Cloud Solution PORT.
- 2 In the Job List, select the job for which you want to check the profile's color gamut.
- 3 Click  (Basic Settings) or  (Color Replacement) in the Job Settings menu.
The setting area changes to reflect the settings for the selected menu.
- 4 Click **Show Reproducible Color Gamut**.
The Gamut Viewer screen opens in a separate window. The gamut of the media profile used in the selected job is displayed, along with the coordinates for Input Color and Output Color shown in the Color Replacement job setting area.
See the following for the screen configuration and functions.
 ["Screen Configuration" on page 106](#)

Starting from the Tool menu

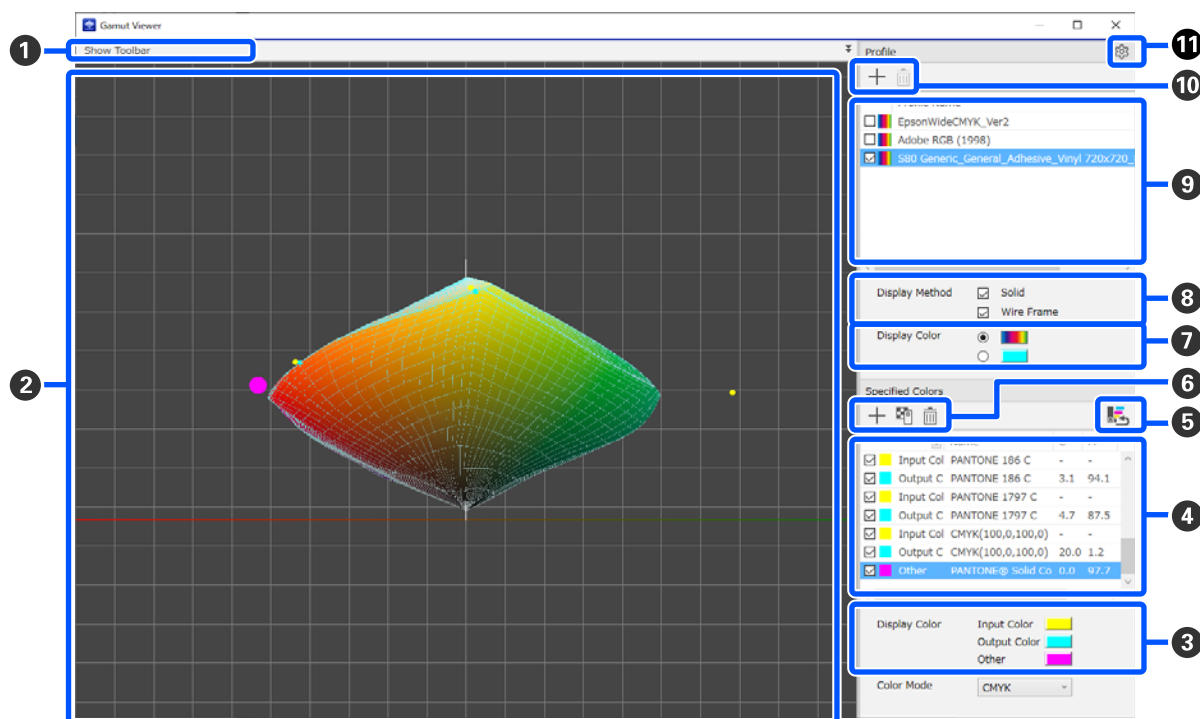
- 1 Click on  (Login) on the main screen to log in to Epson Cloud Solution PORT.
If  (Logout) is displayed, you are already logged in to Epson Cloud Solution PORT.
- 2 Click Tool menu - **Start Gamut Viewer**.
The Gamut Viewer screen opens in a separate window.
See the following for the screen configuration and functions.
 ["Screen Configuration" on page 106](#)

Checking the Reproducible Color Gamut (Gamut Viewer)

Screen Configuration

When you start the Gamut Viewer, the following screen is displayed.

The configuration and functions of the Gamut Viewer's main screen are shown below.



	Names of parts	Functions
1	Toolbar	Click Show Toolbar to display the toolbar for the Gamut Viewer, allowing you to perform the following operations. ↔: Click this icon and then drag in the gamut display area (2) to move the gamut vertically or horizontally. By moving the gamut, you can check specified colors located at coordinates far away from the gamut. ↻: This is enabled when the Gamut Viewer is started. Drag in the gamut display area to rotate the gamut in the direction of the drag. 🔍 / 🔊: Click to reduce or enlarge the gamut display area. 👁️: Click to hide the coordinate axes in the gamut display area. You can hide the toolbar by clicking 🏠 in the top right corner of the toolbar display area.

Checking the Reproducible Color Gamut (Gamut Viewer)

	Names of parts	Functions
②	Gamut display area	In the Profile list (⑨), you can select profiles to view their gamuts, and in the Specified Colors list (④), you can select specified colors to view their coordinates in the L* a* b* color space. When you start the Gamut Viewer, the vertical axis of the coordinate axes represents L* (lightness), the horizontal axis represents a* (red to green hue and saturation), and the depth from front to back represents b* (yellow to blue hue and saturation). You can change the gamut display method and colors using Display Method (⑧) and Display Color (⑦). You can change the display colors for the specified colors using Display Color (③). The specified color you select by clicking it in the specified color list is displayed at a larger size compared to the other specified colors.
③	Display Color	You can change the display colors of the specified colors shown in the gamut display area (②) for each color type. Click the button for the color type you want to change to display the Color dialog box.
④	Specified Colors list	When you start the Gamut Viewer from the Job Settings menu, the spot color and color replacement information used in the selected job are displayed. Specified colors that have been selected are displayed in the gamut display area (②). The type of specified color is displayed to the right of the checkbox. Specified colors you add to the list are displayed as Other.  “Adding Specified Colors to the List” on page 110 If you want to change the color space of the color values displayed in the list, use Color Mode located below the list.
⑤	Edit job color replacement settings button	This is only displayed when you start the Gamut Viewer from the Job Settings menu. You can change the color replacement information of the Output Color for the selected job to the specified colors displayed in the specified colors list (④).  “Replacing Specified Colors with the Output Color from the Job” on page 111
⑥	Add/Delete Specified Colors button	You can add specified colors to the specified colors list (④) or delete colors from the list. + : Add specified colors using a method other than color measurement.  “Adding specified colors using a method other than color measurement” on page 110  : Add colors measured with the SD-10 Epson spectrophotometer to the specified colors.  “Measuring a color sample and adding a specified color” on page 111  : Delete selected specified colors from the list. You cannot delete spot colors and color replacement information used in a job.
⑦	Display Color	You can change the display color of the gamut for the selected profile by clicking it in the Profile list (⑨).  : Displays the gamut of the selected profile as a gradient.  : Displays the gamut in the color shown on the button. Click to open the Color dialog box, allowing you to change the display colors of the gamut.
⑧	Display Method	You can change the display method of the gamut for the selected profile by clicking it in the Profile list (⑨). Solid: Displays the gamut by filling the surface in the color selected in Display Color (⑦). Wire Frame: Displays the gamut using only vertices and lines. You can set both Solid and Wire Frame in a single gamut.

Checking the Reproducible Color Gamut (Gamut Viewer)

	Names of parts	Functions
9	Profile list	When you start the Gamut Viewer from the Job Settings menu, the input profile, output profile, and media profile used in the selected job are displayed. When you start the Gamut Viewer from the Tool menu, the following input profiles are displayed. ☐ EpsonWideCMYK_Ver2 ☐ Adobe RGB (1998) The gamuts of the selected profiles are displayed in the gamut display area (2). When you click to select a profile that does not have a checkmark in its checkbox, the gamut is displayed using the Wire Frame method. You can add profiles for which you want to display the gamut to the list.  "Adding a Media Profile to the List" on page 109
10	Add/Delete Profile button	You can add profiles to the Profile list (9) or delete profiles from the list.  : Click to display the Add Profiles dialog box, allowing you to add profiles.  "Adding a Media Profile to the List" on page 109  : Delete selected profiles from the list. You cannot delete profiles displayed when the Gamut Viewer is started.
11	Input profile settings button	You can check the input profile settings displayed in the Profile list (9). When you start the Gamut Viewer from the Tool menu, you can change the input profile.  "Changing the Input Profile for a List" on page 113

Checking the Reproducible Color Gamut (Gamut Viewer)

Adding a Media Profile to the List

You can add the media profiles for which you want to check the gamut to the Profile list on the Gamut Viewer screen.

There are three methods to add a media profile.

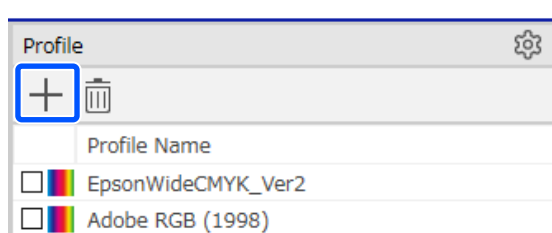
- ☐ Add from the print information of your printer
You can check the gamut of a media profile when changing the print quality with the same media or when changing the media.
See the following for detailed print information.
[🔗 “Creating print information suitable for the media being used” on page 128](#)
- ☐ Add from Quick Sets*
You can add media profiles from those registered in the Quick Sets of this software.
See the following for detailed information about Quick Sets.
[🔗 “Creating job settings that are often used \(Quick Sets\)” on page 124](#)
- ☐ Add profiles you have prepared
You can add media profiles created using profile creation software.

*This is unavailable when the Gamut Viewer is started from the Job Settings menu.

Follow the steps below to add media profiles.

- 1** Start the Gamut Viewer.
[🔗 “Starting the Gamut Viewer” on page 104](#)

- 2** Click **+** (Add) in the **Profile** area.
The Add Profiles dialog box is displayed.



- 3** Select the method for adding a media profile in **Select a Way to Add**.

The dialog box changes according to the selected addition method.

- 4** Select the media profile you want to add.
When Select from Print Info and Add is selected

Select the media, and then select the media profile you want to add from the list. You can also select multiple items.

When Select from Quick Sets and Add is selected

Select the media profile you want to add from the list.

When Import File is selected

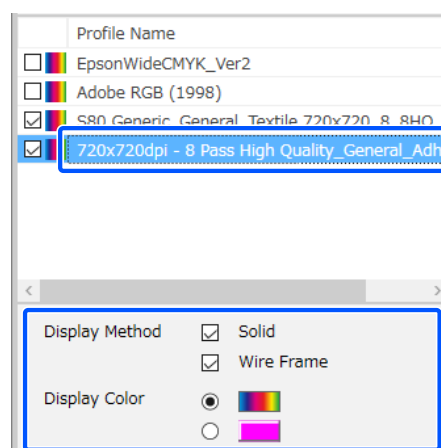
Click **Browse** to specify the location where the media profile you have prepared is saved, and then select the media profile you want to add.

- 5** Click **OK**.

The selected media profile is added to the Profile list, and the gamut is displayed in the gamut display area.

Note:

To change the gamut display of the added media profile, select the media profile in the Profile Name list, and then adjust **Display Method** and **Display Color**.



Checking the Reproducible Color Gamut (Gamut Viewer)

Adding Specified Colors to the List

You can add a specific color (Specified Colors) for which you want to check the coordinates to the specified colors list on the Gamut Viewer screen. By adding the specified color to the list, you can check whether that color falls within the color gamut of the profile displaying the gamut.

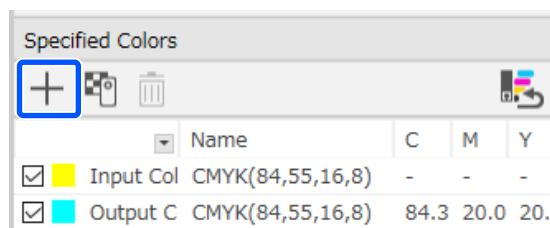
There are four methods to add a specified color.

- ☐ **Add from Color Collection**
You can add a spot color registered in Color Collection to the specified colors. See the following for detailed information about Color Collection.
[☞ “Using Color Collection” on page 79](#)
- ☐ **Add from the Color Library in Epson Cloud Solution PORT**
You can add a color from the Color Palette that you uploaded to the Color Library in Epson Cloud Solution PORT to the specified colors. For more information on the Color Library, go to the Epson Cloud Solution PORT website.
- ☐ **Add by entering a color value**
You can enter the Lab values of the color you want to add and include it in the specified colors.
- ☐ **Add by measuring**
You can add the color measurement results of a color sample to the specified colors. This function is available only when using the SD-10 Epson spectrophotometer.

Adding specified colors using a method other than color measurement

- 1** Start the Gamut Viewer.
[☞ “Starting the Gamut Viewer” on page 104](#)

- 2** Click **+** (Add) in the **Specified Colors** area.
The Add Specified Colors dialog box is displayed.



- 3** Select the method for adding specified colors in **Select a Way to Add**, and then click **Proceed**.

- 4** Select or enter the specified color you want to add.

When Select from Color Collection and Add is selected

When you select a Color Collection name from **Group Name**, the spot colors registered in the selected Color Collection are displayed in the list. Select the spot colors you want to add, and then click **OK**.

Note:

- ☐ If you enter part of a spot color name in **Keyword** and click **Filter**, only the spot colors matching the keyword are displayed in the list.
- ☐ If you clear **Select All**, all of the spot colors displayed in the list are deselected.

When Select from Color Library and Add is selected

When you log in to Epson Cloud Solution PORT on the login screen, the Color Library screen is displayed. Select the color you want to add to the specified colors from the Color Palette list.

For detailed instructions on how to use the Color Library screen, see steps 6 and 7 in the following section.

[☞ “Setting Output Color from the Color Library” on page 63](#)

When Enter Color Value and Add is selected

Enter the Lab values of the specified color you want to add, and then click **Add**.

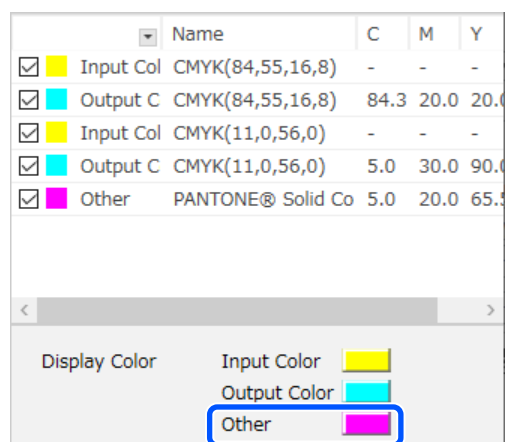
Checking the Reproducible Color Gamut (Gamut Viewer)

- 5** The specified color you selected or entered in step 4 is added to the specified colors list, and its coordinates are displayed in the gamut display area.

Specified colors you add are displayed as **Other**.

Note:

If you want to change the display color of the added specified color in the gamut display area, click the **Other** button in **Display Color** under the specified colors list to open the Color dialog box.



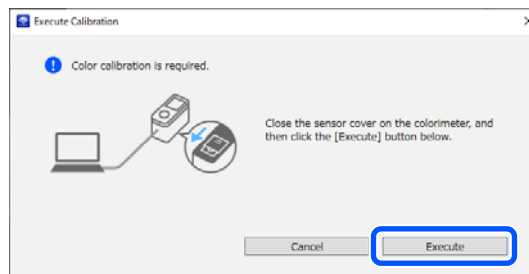
Measuring a color sample and adding a specified color

The following functions are only available when using the SD-10 Epson spectrophotometer.

- 1** Turn on the SD-10.
For instructions on using the SD-10, see the *SD-10 User's Guide* (online manual).
- 2** Start the Gamut Viewer.
[☞ "Starting the Gamut Viewer" on page 104](#)
- 3** Click (Measure and add) in the **Specified Colors** area.
A dialog box is displayed where you can select a color measurement device.

- 4** Select the color measurement device you want to connect, and then click **OK**.

Follow the on-screen instructions to calibrate the color measurement device.



- 5** Measure the color sample you want to add to the specified colors.

The measurement results are added to the specified colors list, and the coordinates are displayed in the gamut display area.

Specified colors you add are displayed as **Other**.

Click (Stop measuring) to disconnect the color measurement device.

Replacing Specified Colors with the Output Color from the Job

You can replace the specified colors displayed in the specified colors list with the Output Color from the job.

You can only replace output colors for the colors labeled as **Input Color** and **Output Color** in the list in the (Color Replacement) setting area from the Job Settings menu.

[☞ "Replacing a job's Output Color" on page 58](#)

This section describes the steps to set the specified colors displayed in the specified colors list to the Output Color of the selected job.

See the following for detailed information about adding specified colors.

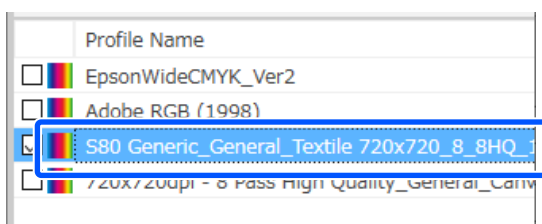
[☞ "Adding Specified Colors to the List" on page 110](#)

Checking the Reproducible Color Gamut (Gamut Viewer)

- 1 Start the Gamut Viewer from the Job Settings menu.

🔗 “Starting from the Job Settings menu” on page 105

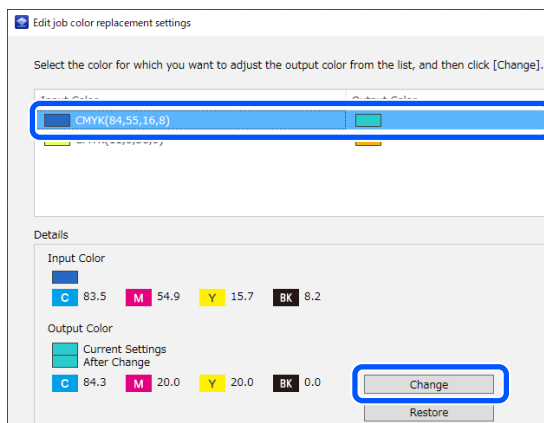
- 2 In the Profile list, click to select the media profile used for the job selected when you started the Gamut Viewer.



- 3 Click  (Edit job color replacement settings) in the **Specified Colors** area.

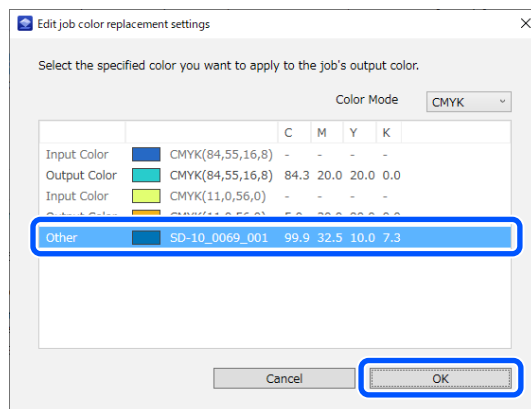
The Edit job color replacement settings dialog box is displayed. The color replacement information for the selected job is displayed in the list.

- 4 Select the color you want to adjust from the list, and then click **Change**.



- 5 Select the specified colors you want to set as the output colors for the job, and then click **OK**.

You can select **Output Color** or **Other** as the color type.



- 6 Check that the specified color you selected in step 5 is displayed in **After Change** from **Output Color**, and then click **Execute**.



You are returned to the main screen of the Gamut Viewer. The specified colors list display for Output Color selected in step 4 changes to the specified colors selected in step 5.

The color replacement settings you made in steps 4 to 6 are not applied to the selected job until you close the Gamut Viewer.

Note:

To delete the color replacement settings you made in steps 4 to 6, select the target color replacement settings from the list in the Edit job color replacement settings dialog box, and then click **Restore**.

- 7 Click  in the top right corner of the screen to close the Gamut Viewer.

Checking the Reproducible Color Gamut (Gamut Viewer)

- 8** When the confirmation screen is displayed, click **Apply**.
- You are returned to the main screen of this software, and the changes made to Output Color are reflected in the image in the preview area.

Changing the Input Profile for a List

You can change the input profile displayed in the Profile list on the Gamut Viewer screen.

You can only change the input profile when the Gamut Viewer is started from the Tool menu.

- 1** Start the Gamut Viewer from the Tool menu.
-  [“Starting from the Tool menu” on page 105](#)

- 2** Click  (Input profile settings).
- The Input profile settings dialog box is displayed.

- 3** Click the tab for the color space (CMYK/RGB) for which you want to change the profile, and then click **Change**.

- 4** Select the method for changing the input profile in **Select Change Method**.

The dialog box changes according to the selected change method.

- 5** Select the input profile you want to change.

When Select from Epson Edge Print and Change is selected

The input profiles registered in this software are displayed. Select the input profile you want to change from the list.

When Import File is selected

Click **Browse** to specify the location where the input profile you have prepared is saved, and then select the input profile you want to change.

- 6** Click **OK**.

- 7** Change the settings for **Rendering Intent** and **Black Point Compensation** as needed, and then click **OK**.

 [“Overview of input settings” on page 98](#)

The input profile in the Profile list is changed.

Note:

For input profiles with the following settings in **Rendering Intent**, the gamut is not displayed even if the checkbox is selected in the Profile list.

- ☐ *Perceptual*
- ☐ *Saturation*

Setting the Output Color for Each Channel (Separation Color Settings)

Setting the Output Color for Each Channel (Separation Color Settings)

The following functions are only available if you are using the SC-F10000H Series LcLm (with Light Cyan/Light Magenta inks installed) and you have registered an account for Epson Cloud Solution PORT. However, even if you have already registered an Epson Cloud Solution PORT account, this may not be available depending on your country and region.

When printing data with separate channels for each color that makes up the image, you can print by adjusting the output color for each channel.

The following provides the workflow up to printing.

Create print data with separate channels for each color using image processing software

Adobe Photoshop allows you to create print data with separate channels by separating the Channel for each color.



Create and print an output color specifications chart for each channel

You can use this software to set the chart creation conditions, create an output color specifications chart job, and print it.

["Creating and Printing an Output Color Specifications Chart" on page 114](#)



Check the printed chart and adjust the output color for each channel

Select an output color from the printed output color specifications chart, and then enter the patch number of the selected color to adjust the output color for each channel.

["Adjusting the Output Color for Each Channel" on page 116](#)



Printing

["Printing procedure" on page 15](#)

Creating and Printing an Output Color Specifications Chart

The output color specifications chart is a job for printing a list of color patches that are similar to the output color of each channel of print data that is separated by color. Print an output color specifications chart job and select the output color from the chart. Each color patch is labeled with a patch number to identify the patch, and you can enter the patch number of the selected color during output color adjustment.

When creating an output color specifications chart job, you can set chart creation conditions such as the number of patches to be printed on the chart and the color difference between adjacent patches.

1 Click on (Login) on the main screen to log in to Epson Cloud Solution PORT.

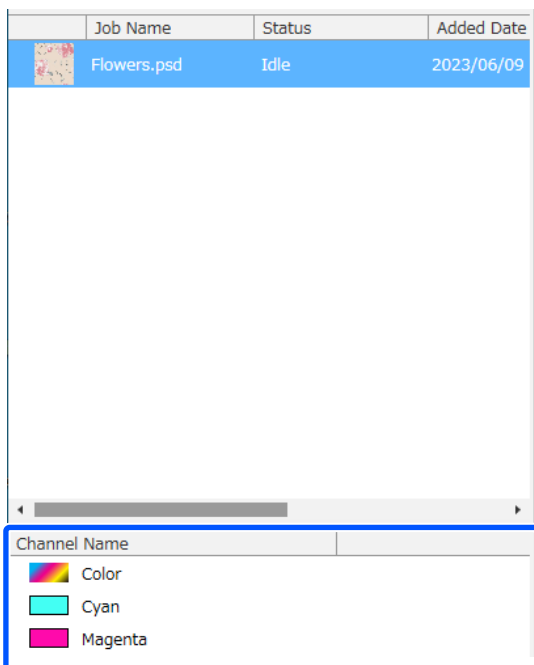
If (Logout) is displayed on the main screen, you are already logged in to Epson Cloud Solution PORT.

2 Click (Add) on the job toolbar in this software to add print data with separate channels for each color.
Or, drag and drop the print data onto the Job List.

The name of the data and a thumbnail for the print data that was added appear in the Job List.

Setting the Output Color for Each Channel (Separation Color Settings)

When the print data has separate channels for each color, a list of the channels for each color is displayed at the bottom of the Job List when you select a job in the Job List.



- 3** Select the job for which you want to create an output color specifications chart in Job List, and then click  (Create Color Chart) on the main screen.

You can use any of the following methods when selecting multiple jobs.

Select multiple consecutive jobs

While pressing the **Shift** key, click on the first and last jobs.

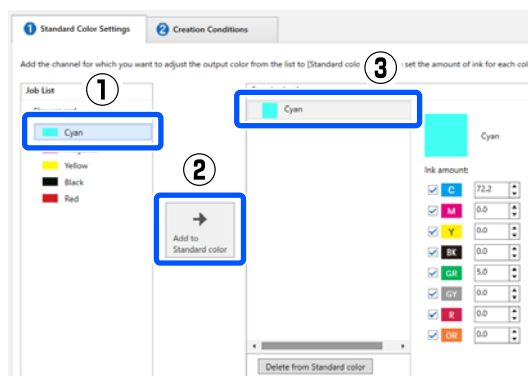
Select multiple nonconsecutive jobs

While pressing the **Ctrl** key, click on the various targeted jobs.

The Create Epson Edge Print Specify Output Color Chart screen is displayed.

- 4** Add the channel for which you want to create the output color specifications chart to Standard color on the **Standard Color Settings** tab.

Double-click a job name in the Job List to display a list of the channels included in the job. Select a channel and click **Add to Standard color** to add it to the **Standard color** area.



- 5** Set the amount of ink for the added standard color.

The color of the thumbnail depicting the amount of ink changes according to the amount of ink set for each ink color.

The color set here acts as the standard color for the output color specifications chart to be created, and color patches similar to the standard color are printed on the chart.

Repeat steps 4 to 5 for the number of standard colors to be displayed on the output color specifications chart to be created.

- 6** Click the **Creation Conditions** tab to set the creation conditions for the chart.

You can set the following items in the creation conditions.

- ☐ **X. Horiz.**
Sets how the color patches change horizontally to the left and to the right. You can set the content to be changed by **Type**. When you select **Ink amount**, click **Select Ink for Color Differences** to select the ink color you want to change. You can set the amount of change in **Differences**. You can set the number of color patches displayed on one line by adjusting **Patches**.
- ☐ **Y. Vert.**
Sets how the color patches change vertically to the top and to the bottom.

Setting the Output Color for Each Channel (Separation Color Settings)

You can set the content to be changed by **Type**. When you select **Ink amount**, click **Select Ink for Color Differences** to select the ink color you want to change.

You can set the amount of change in **Differences**.

You can set the number of color patches displayed in one column by adjusting **Patches**.

☐ Z. Blocks

A group of color patches displayed by the **Horiz.** and **Vert.** settings is called a "Blocks". Sets how the blocks change horizontally to the left and to the right.

You can set the content to be changed by **Type**. When you select **Ink amount**, click **Select Ink for Color Differences** to select the ink color you want to change.

You can set the amount of change in **Differences**.

You can set the number of blocks displayed on the chart for one standard color by adjusting **Patches**.

☐ Width

You can set the width of the chart to be created. Linebreaks are entered between blocks according to the set chart width.

☐ Patch Size

You can set the size of one side of the color patch. A square color patch of the set size is displayed.

7 Change the **Chart Name** if necessary, and then click **Create Chart**.

8 When the message **Creating the Specify Output Color Chart is complete.** is displayed, click **OK**.

The output color specifications chart job is created and added to the Job List.

9 Select the output color specifications chart job from the Job List to print.

The way to print this is the same as a typical job.

When printing the chart you created, be sure to use the same print settings and media as when printing the actual data.

Adjusting the Output Color for Each Channel

This section explains how to adjust the output color for each channel by selecting an output color from the printed output color specifications chart.

Note:

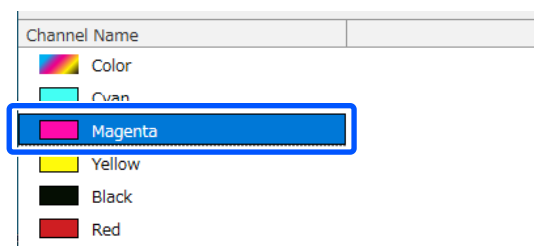
You can also adjust the output colors by directly specifying the amount of ink for each color without using the output color specifications chart.

1 Select an output color from the printed output color specifications chart.

Check the patch number of the selected color.

2 In the Job List, select the job for which you want to adjust the output color for each channel.

3 Select the channel for which you want to adjust the output color from the list below the Job List.



The method for adjusting the output color depends on the type of channel selected.

For CMYK/RGB

Click  (Color Settings) in the Job Setting menu.

The setting area changes to Color Settings.

 ["Color Settings" on page 98](#)

Except for CMYK/RGB

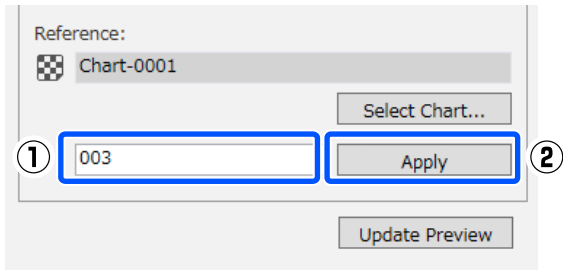
Proceed to step 4.

4 Click on  (Login) on the main screen to log in to Epson Cloud Solution PORT.

If  (Logout) is displayed on the main screen, you are already logged in to Epson Cloud Solution PORT.

Setting the Output Color for Each Channel (Separation Color Settings)

- 5 Only  (Separation Color Settings) is displayed in the Job Settings menu, and the settings area changes to Separation Color Settings.
- 6 Click **Select Chart**.
The Select Chart dialog opens.
- 7 Select the output color specifications chart job you confirmed in step 1 from the list, and then click **Apply**.
The chart name is displayed in **Reference** in the settings area.
- 8 Enter the patch number of the output color selected in step 1 in **Patch Number**, and then click **Apply**.



The output color is reflected in the thumbnail in the settings area.

Click **Update Preview** to reflect the output color you set in the image in the preview area.

After changing the Output Color, actually print the image and check the tones.

Printing with Frame line and trim marks

Printing with Frame line and trim marks

In Mark, you can do job label settings and mark settings for cutting.

You can select from the following cutting marks.

- ☐ Frame line
- ☐ Trim marks (two types)
- ☐ Cutting marks (FOTOBA marks) for the FOTOBA high-speed finishing cutting machines
- ☐ Registration marks (four types) for Graphtec cutting plotters (cutting machines)
- ☐ Cutting marks (OPOS mark) for Summa roll cutters
- ☐ Register marks for digital cutting systems from Zünd

Job labels are such information as settings when printing and the time and date RIP was done, and can be added to images and printed.

Types of Cutting Marks

Except for Frame line, you can select the following cutting marks in **Mark type**.

- ☐ Trim mark 1



- ☐ Trim mark 2



- ☐ Fotoba mark



- ☐ Graphtec 4 Points Type 1



When the print length of the job to be marked is 800 mm or longer, **Graphtec Segment Area Type 1** adds registration marks in the middle of the job's print length as well as the registration marks at the four corners of the image.

Printing with Frame line and trim marks

☐ Graphtec 4 Points Type 2



When the print length of the job to be marked is 800 mm or longer, **Graphtec Segment Area Type 2** adds registration marks in the middle of the job's print length as well as the registration marks at the four corners of the image.

☐ OPOS mark



☐ Zünd register mark



Setting Cutting Marks and Job Labels

The necessary settings and procedures vary depending on the type of cutting marks you set.

- ☐ Frame line
- ☐ Trim mark 1

☐ Trim mark 2

☐ Fotoba mark

See the following when setting the cutting marks mentioned above.

 [“When not exporting cut path data” on page 119](#)

☐ Graphtec 4 Points Type 1

☐ Graphtec 4 Points Type 2

☐ Graphtec Segment Area Type 1

☐ Graphtec Segment Area Type 2

☐ OPOS mark

☐ Zünd register mark

See the following when setting the cutting marks mentioned above.

 [“When exporting cut path data” on page 120](#)

When not exporting cut path data

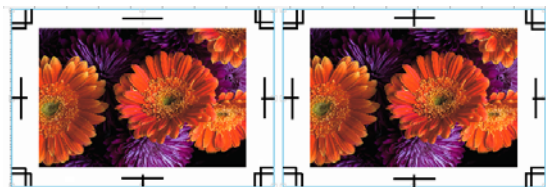
This section explains the procedure for printing cutting marks and job labels around the edges of images in print data when no cutting path has been set.

- 1** On the Job List, select a job for which to do Mark settings.
- 2** Click  (Mark) in the Job Settings menu.
The settings area switches to Mark.
- 3** Select a mark to add in **Mark type**.
The selected mark is reflected in the preview area.
When you select **Fotoba mark**, you can change the settings for each mark using **Horizontal mark** and **Vertical mark**.
- 4** Set the increment used to add marks in **Target**.
Select **Each image** to add a mark to each image.

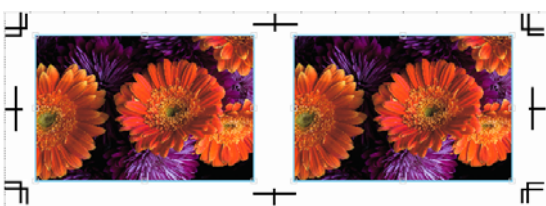
Printing with Frame line and trim marks

Set **All** to add marks to the entire job. When there are multiple images in one job, such as a nested job, marks are added to the area around the entire image.

- ☐ Each image



- ☐ All



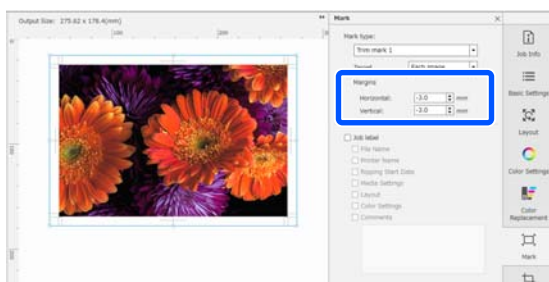
5

To change the distance between the image and the marks, specify the distance in **Margins**.

To set a mark away from an image, specify it using a positive value.

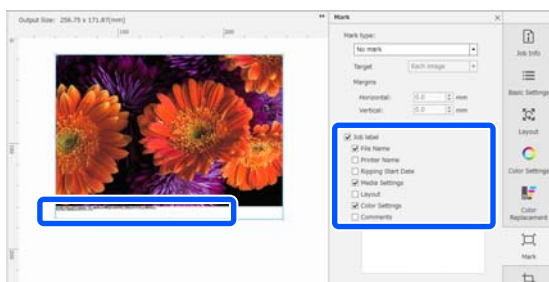
To set a mark inside the image, such as when you do not want to cut beyond the edge, specify a - (minus) value.

Example: When **Margins** are set to -3 mm for both **Horizontal** and **Vertical**



6

To add a job label, select **Job label**, and then select the items you want to print as job labels.



When exporting cut path data

This section explains the procedure for setting cutting marks for the following commercially available cutting machines and cutting plotters, as well as exporting cut path data to PDF or ZCC* when printing or performing RIP processing.

* File format for digital cutting systems from Zünd.

- ☐ Cutting plotters (cutting machines) from Graphtec
- ☐ Roll cutters from Summa
- ☐ Digital cutting systems from Zünd

Preparations before setting cutting marks

The following settings are necessary regardless of the manufacturer of your cutting machine or cutting plotter.

- ☐ You have registered an account for Epson Cloud Solution PORT.
- ☐ You are using this software with an Epson Edge Print PRO license.
- ☐ You have set a cut path in the print data.
[👉 “When Exporting Cut Path Data” on page 138](#)

As well as the settings above, the following settings may also be necessary, depending on the manufacturer of your cutting machine or cutting plotter.

For cutting plotters (cutting machines) from Graphtec

You have installed the "Graphtec Studio 2" software for cutting plotters on your RIP server (the computer on which this software is installed).

For roll cutters from Summa/Digital cutting systems from Zünd

You have set the folder path to the hot folder set in the "GoSign" software for roll cutters from Summa, or in the "Zünd Cut Center" software for cutters from Zünd to the **File Path** in this software.

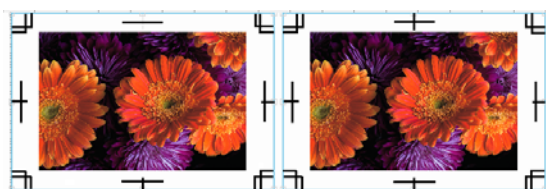
Printing with Frame line and trim marks

You can display the **File Path** by clicking the Tool menu - **Preferences** -  (RIP Server).

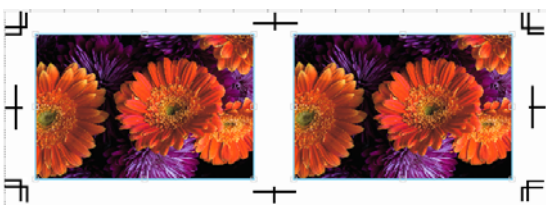
Procedure for setting cutting marks

- 1 On the Job List, select a job for which to do Mark settings.
- 2 Click  (Mark) in the Job Settings menu.
The settings area switches to Mark.
- 3 Select a mark to add in **Mark type**.
The selected mark is reflected in the preview area.
- 4 When performing barcode cutting with your cutting machine or cutting plotter, select the barcode to be added to the image in **Barcode Settings for Cutting**.
- 5 Set the increment used to add marks in **Target**.
Select **Each image** to add a mark to each image.
Set **All** to add marks to the entire job. When there are multiple images in one job, such as a nested job, marks are added to the area around the entire image.

- ☐ Each image



- ☐ All



If you selected **Barcode Settings for Cutting** in step 4, you may not be able to select **Target** depending on the selected setting.

- 6 When adding marks to transparent or semi-transparent media, such as film, make the following settings as needed.

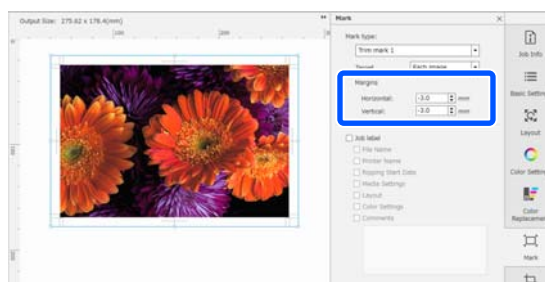
- ☐ Wrap Mark with WH
This setting is only available when the printer you are using is a model equipped with White ink and a layer containing White is selected in **Number and Order of Layering** from  (Basic Settings) in the Job Settings menu. Select this to print around the cutting marks and barcodes using WH. Printing around the cutting marks and barcodes using WH allows cutting plotters or roll cutters to read them accurately.
- ☐ Mirror Cut Data Horizontally
Select this when you want to cut from the reverse side instead of the printed side. When you print a job with this selected, the cutting marks and barcodes you set are mirrored and exported as a PDF.

- 7 To change the distance between the image and the marks, specify the distance in **Margins**.

To set a mark away from an image, specify it using a positive value.

To set a mark inside the image, such as when you do not want to cut beyond the edge, specify a - (minus) value.

Example: When **Margins** are set to -3 mm for both **Horizontal** and **Vertical**



- 8 If you selected **Zünd register mark** in step 3, change the maximum value for the gap between marks in **Gap Between Marks** as needed.

If the cutting position is significantly misaligned with your media, you can adjust the cutting position by changing **Gap Between Marks**.

Printing with Frame line and trim marks

- 9** Select **Show in Preview** to view the cutting paths set in the print data or the cutting frames automatically generated in step 10 in the preview area.

See the following for more details about cutting paths.

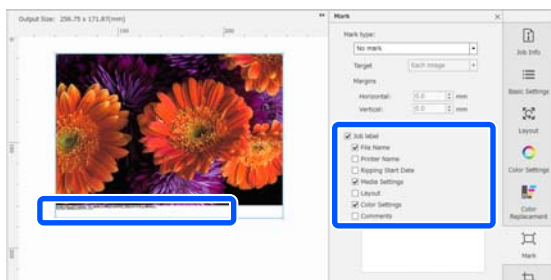
 [“When Exporting Cut Path Data” on page 138](#)

- 10** Select **Auto Generate Cut Frame** if you want this software to automatically generate cutting paths (cutting frames) that can be read by cutting machines or cutting plotters.

A cutting path (cutting frame) is automatically generated around the image.

Click **Change Cut Frame** to adjust the spacing between the image and the cutting frame. You can also change the color of the cutting frame displayed in the preview area.

- 11** To add a job label, select **Job label**, and then select the items you want to print as job labels.



- 12** Click on  (Login) to log in to Epson Cloud Solution PORT.

If  (Logout) is displayed on the main screen, you are already logged in to Epson Cloud Solution PORT.

When you log in to Epson Cloud Solution PORT, the  displayed in Job List will disappear, and you can print the marks you set.

Note:

- ❑ When you print a job with cutting marks (registration marks) compatible with Graphtec cutting plotters, the data for the cutting marks (registration marks) you set is exported as a PDF. In addition, the "Graphtec Studio 2" software for cutting plotters starts automatically after printing, and the exported PDF is imported. To specify the save location for the exported PDF or cancel the automatic startup for "Graphtec Studio 2", click the Tool menu - **Preferences** -  (RIP Server), and then make settings under **Cut Path** on the screen displayed. In **Cut Path**, you can also change the settings to skip the "Graphtec Studio 2" settings screen.
- ❑ When you print a job with added cutting marks (OPOS mark) for roll cutters from Summa or cutting marks for digital cutting systems from Zünd (Zünd register mark), the data for the set cutting marks and cutting path is exported to PDF/ZCC*. When exporting PDF/ZCC for use with the "GoSign" software for roll cutters from Summa or the "Zünd Cut Center" software for cutters from Zünd, save the PDF/ZCC to the same location as the hot folder set in each software.

* File format for digital cutting systems from Zünd.

Printing Without Borders

Printing Without Borders

In normal printing, margins are created on all four sides of the paper due to the structure of the printer, which prevents you from printing at the full size of the paper. However, you can print without borders by selecting a printer that supports borderless printing.

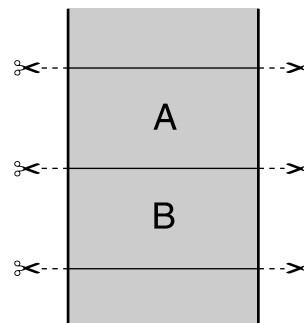
You can set borderless printing when your printer, paper type, and paper size support borderless printing. See the manual supplied with your printer for details on the paper type and paper size that support borderless printing.

You cannot perform borderless printing for nested jobs.

The following explains the procedure for borderless printing.

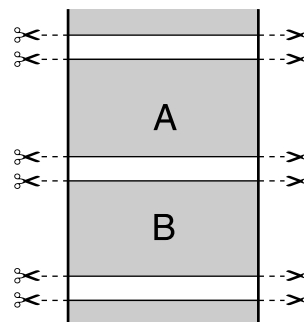
- 1 Select the job (image) for which you want to perform borderless printing in Job List.
- 2 Click  (Basic Settings) in the Job Setting menu.
The setting area changes to Basic Settings.
- 3 Select **Borderless**.
- 4 Set the cutting operation for borderless printing in **Auto Cut**.
The cutting operation for each setting is shown below.

Single Cut



- ❑ There may be uneven colors at the top edge because printing is paused to cut the top edge.
- ❑ If the cutting position is misaligned, small parts of the images from continuous pages may remain at the top and bottom edges. If this occurs, adjust the printer's cutting position. See the manual supplied with your printer for details on adjusting the cutting position.
- ❑ When printing multiple copies continuously, only the top of the first page and the bottom of the continuous pages are cut by several mm inside the edge of the image so that no margins remain.

Double Cut



- ❑ There may be uneven colors at the top edge because printing is paused to cut the top edge.
- ❑ The print out is several mm shorter than the specified size because it is cut inside the edges of the image at the top and bottom to remove any margins.
- ❑ After cutting the bottom edge of the previous page, the top edge of the next page is cut after the paper is fed, which can cause cutoff pieces but provides a more accurate cut. See the manual supplied with your printer for details on the length of the cutoff pieces.

Creating job settings that are often used (Quick Sets)

Creating job settings that are often used (Quick Sets)

Quick Sets are saved as a batch of job settings.

It is efficient to create Quick Sets for frequently used settings that are the same every day, such as for routine work, so you do not need to do the job settings every time.

You can set Quick Sets you have created in hot folders, and use them as default settings when adding jobs.

See the following for detailed information about hot folders.

 [“Printing with decided settings \(hot folder printing\)” on page 29](#)

Creating Quick Sets

Procedure to create Quick Sets

- 1 Click Tool menu - **Manage Preset** -  (Quick Sets) -  (Add), in this order.
- 2 Enter the name of the Quick Sets and click **OK**.
A settings dialog box appears.
- 3 Do the job settings.
If necessary, select the tab and do the settings. The setting details apply to the settings in  (Basic Settings),  (Layout),  (Color Settings),  (Mark), and  (Layer Setting) in the Job Settings menu.
See the following for detailed information about the various settings.

Basic Settings  [“Basic job settings” on page 36](#)
Layout  [“Setting the layout” on page 41](#)
Color Settings  [“Color Settings” on page 98](#)

Mark  [“Printing with Frame line and trim marks” on page 118](#)

Layer Setting  [“When layers are misaligned and the background image overruns” on page 74](#)

Each tab has settings exclusively for Quick Sets. See the following for details.

 [“Functions limited to Quick Sets” on page 124](#)

- 4
- When the settings are complete, click **OK**.
The Quick Sets you added to the list are displayed.

Functions limited to Quick Sets

Each tab in the Quick Sets settings dialog box has the following exclusive Quick Sets settings.

Basic Settings tab

- ☐ **Fluorescent Color Setting**
This appears only when a model equipped with fluorescent ink is selected as the printer you are using. Printing is performed using the ink settings made here. The list box display differs depending on the printer you are using.

Print YM with FyFp
The Y and M parts of the CMYK for the job are printed using the printer's FY and FP inks.
Print Y with Fy
The Y parts of the CMYK for the job are printed using the printer's FY ink.
Print with All Colors (Automatically Adjust Fluorescent Colors)
The printer automatically prints using FY and FP inks according to the tones of the job's image data. You do not need to set fluorescent spot colors in the image data or perform color replacement for the job.
Print with All Colors (Manually Adjust Fluorescent Colors)
Prints using all printer inks (C, M, Y, K, FY, FP) according to the job's color settings. However, to print using the printer's FY and FP inks, you need to use image data with fluorescent spot color settings or job color replacement.
Print with CMYK

Creating job settings that are often used (Quick Sets)

FY and FP inks are not used, but printing speed is faster.

If the settings for Job and the ink do not match, printing is not performed correctly.

☐ PDF Overprint Simulation

You do not need to make any settings when you are using this software with an Epson Edge Print PRO license.

By checking **PDF Overprint Simulation**, printing is done after the colors are pseudo-blended for the tones of the image set to overprint in the data during overprinting. This is only done when an image in the data is set to overprint.

Note:

If you check **PDF Overprint Simulation**, spot color information in the PDF data may not be preserved. For example, you may not be able to print using the correct tones for data in which other images are layered with images set to PANTONE or White/Silver.

☐ Registration Marks

When registration marks are set in the image data for a job, the registration marks are printed using the ink settings made here.

When **Print with All Colors** is set, printing is performed using all of the inks in your printer.

When **Print with CMYK** is set, printing is performed using CMYK inks only.

Color Replacement tab

☐ Deactivated Spot Color Setting

Clear the checkbox to disable color replacement when you want to replace a color according to the settings for Output Color set in Color Collection, or when you want to adjust the Output Color in  (Color Replacement) in the Job Settings menu.

Note:

You can check the setting for **Deactivated Spot Color Setting** from  (Job Info) in the Job Settings menu.

Click **General** to check the **Spot Color Emulation**.

☐ When selected: Spot Color Emulation is set to **Off**

☐ When cleared: Spot Color Emulation is set to **On**

☐ Use the enabled groups in the color collection

By clearing the checkbox, you can select, from all of the groups in Color Collection, the group that you want to use as a replacement for the output color in  (Color Replacement) on the Job

Settings menu. To enable group selection, select the checkbox on the list. The settings in the Quick Sets have priority, regardless of the settings that are enabled/disabled in Color Collection.

Other tab

☐ Status setting of added job

Sets the status of a job when it is added to the Job List.

When set to **Idle**, the status of jobs added to the Job List will be **Idle**. Printing starts sequentially during automatic printing.

When set to **Holding**, the status of jobs added to the Job List will be **Holding**. Jobs are not printed during automatic printing.

☐ Quick Sets Name of the Shared printer

Set this when using the Quick Sets you create with a shared printer. See the following for details.

 [“Setting Quick Sets to Use with a Shared Printer” on page 155](#)

☐ Memo

You can enter notes about settings.

☐ Convert Alpha Channel to Spot Color Layers

This is displayed only when a model equipped with WH/MS ink or UV ink is selected as the printer you are using.

When the data format is TIFF or PNG, set this when generating WH/MS/Vr printing layers from transparency or alpha channel information contained in print data.

Editing Quick Sets

When you want to change Quick Sets that have been created

In the list, select the Quick Sets to be changed, and then click  (Edit).

When you want to create another Quick Sets based on Quick Sets previously created

In the list, select the Quick Sets you want as the original, and then click  (Copy).

A copy is created, so edit the copied Quick Sets.

Creating job settings that are often used (Quick Sets)

To delete unneeded Quick Sets

In the list, select the Quick Sets that are not needed, and then click  (Delete).

Reusing Quick Sets that you created

You can print using shared job settings by saving acquired or created Quick Sets to a file, and then uploading that file to another computer on which this software is installed.

This section explains the procedures for saving (Export) and importing (Import).

Exporting Quick Sets

- 1 Click, in order, the Tool menu - **Manage Preset** -  (Quick Sets).
- 2 On the list, select the Quick Sets to be reused by right clicking, and then select **Export** on the menu that appears.
- 3 Select where to save the file, and then save it.
The extension for the saved file is (.epqs).

Importing Quick Sets to be added

Preparing to import

If a computer to which Quick Sets are being imported does not have the equivalent of the following data in the exported Quick Sets, that data is automatically replaced with the settings for system Quick Sets (Quick Sets that contain the manufacturer's settings).

- ☐ Print information for the media
- ☐ Groups enabled in Color Collection
- ☐ Optional input profile

To import Quick Sets under exactly the same conditions as the exported Quick Sets, first do the following to make the conditions the same as when exported, and then import the Quick Sets.

- ☐ Importing print information
If print information for the media that is set in **Basic Settings - Media Name** of the exported Quick Sets does not exist on the computer to which the Quick Sets are being imported, import the print information in advance.
See the following for details about exporting and importing print information.
[🔗 “Reuse the created print information” on page 131](#)
- ☐ Importing Color Collection groups
If Color Collection groups that were enabled in **Color Replacement** of the exported Quick Sets do not exist on the computer to which the Quick Sets are being imported, import the groups in advance.
See the following for details about exporting and importing the Color Collection.
[🔗 “Exporting spot colors” on page 82](#)
[🔗 “Importing spot color files” on page 82](#)
- ☐ Saving the optional input profile to a specified folder
If an optional input profile is selected in **Color Settings - Profile** of the exported Quick Sets, save the same input profile in advance to a specified folder on the computer to which the Quick Sets are being imported.
The specified folders are shown below.
 - ☐ For CMYK
C:\ProgramData\EPSON\Epson Edge Print\Color\Common\icc\cmyk
 - ☐ For RGB
C:\ProgramData\EPSON\Epson Edge Print\Color\Common\icc\rgb

Procedure for importing

You can import and add Quick Sets files (.epqs) by doing the following procedure.

- 1 Click, in order, the Tool menu - **Manage Preset** -  (Quick Sets) -  (Import).
Import Quick Sets begins.

Creating job settings that are often used (Quick Sets)

- 2 Select a file to import.
- 3 Click **Finish**.
The Quick Sets that are imported into the list are added.

Setting Quick Sets as the default job settings

Other than being used in a hot folder, the Quick Sets that are added can also be used as initial settings when a job is added to the Job List.

The procedure to set defaults is shown below.

- 1 In the list, select the Quick Sets that you want, and then click  (Default).
Or, open the right click menu on the name of the Quick Sets that you want and select **Default**.

 is displayed to the left of the name of the Quick Sets that was set as the default.
- 2 To change the default setting to a different Quick Sets, in the list, select the Quick Sets that you want to change, and then click  (Default).

Changing Quick Sets After Adding a Job

When you add a job to Job List, the Quick Sets set as the default are applied, but you can change the set Quick Sets after adding the job.

Follow the steps below to change the Quick Sets after adding a job.

- 1 Select the job (image) for which you want to change the Quick Sets in Job List.
- 2 Click  (Job Info) in the Job Setting menu.
The setting area changes to Job Info.

- 3 Select the Quick Sets to which to change to in **Quick Sets**.

The settings for the selected Quick Sets are applied to the job.

Note:

*If you change the job settings in the settings area after changing Quick Sets, **Quick Sets** changes to **Custom**.*

Creating print information suitable for the media being used

Creating print information suitable for the media being used

By using the EMX files provided free from Epson, or Media Setting files, you can easily perform optimum printing on commercially available media.

When you are using media for which there is no compatible EMX file or Media Setting file, you can create print information files in one of the following ways.

- ❑ Editing an already acquired EMX file or Media Setting file for a type of media that is similar to the media you are using
See the following for detailed information about acquiring EMX files or Media Setting files.
[🔗 “Preparing EMX files” on page 25](#)
- ❑ Selecting a similar media type from the generic print information that is provided with the software and then editing it for the media you are using

If you can get a media profile from the manufacturer of the media you are using, you can use that. DeviceLinkProfile is also compatible.

Creating one based on the print information in an EMX file/Media Setting file you have acquired

To create print information for the media you are using based on the print information in an EMX file or Media Setting file you have acquired, copy the print information you want, and then create it. You cannot edit print information for EMX files or Media Setting files directly.

1 Click Tool menu - **Manage Preset** -  (Manage Print Info), in this order.

2 In the list, select the media name of the print information that is the copy source, and then click  (Copy).

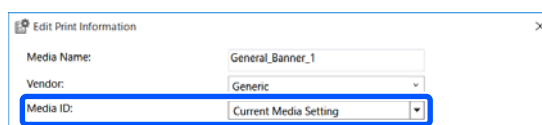
The copy is created below the selected media name.

3 Select the print information created in step 2, and then click  (Edit).

An editing dialog box appears. Edit the settings as necessary.

Media ID

Normally, use the **Current Media Setting** unchanged. When you want to set it for a specific Media ID, select the Media ID you want.



The **Media ID** may not be displayed depending on your printer model.

For models that do not display a **Media ID**, a number for which Custom Paper Settings has not already been registered is selected automatically.

Print Quality

Normally, an appropriate print mode is assigned to each mode.

You can edit, add, and delete Print Quality.

Models that do not display a **Media ID** can only be edited.

See the following for details.

[🔗 “Editing and adding Print Quality” on page 129](#)

[🔗 “Deleting Print Quality” on page 130](#)

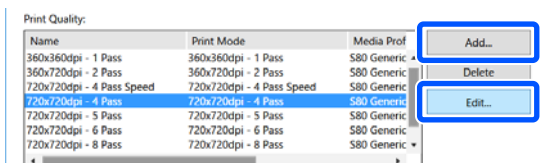
4 When the settings are complete, click **OK**.

Creating print information suitable for the media being used

Editing and adding Print Quality

If a **Media ID** is not displayed in the Edit dialog box, you can only edit the print quality settings.

- 1 In the list, select the Print Quality to be changed, and then click **Edit** to change it. To add, simply click **Add**.



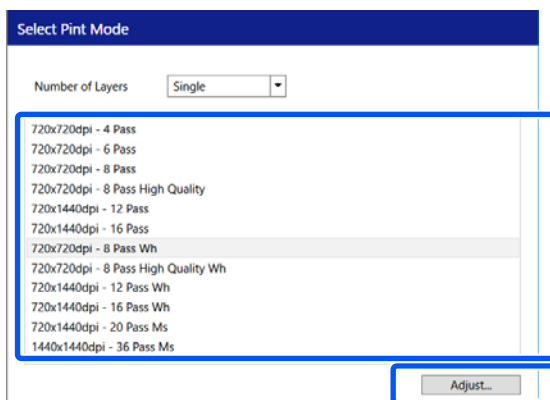
- 2 Select Print Quality and Print Mode according to the wizard.

When a model featuring WH/MS is selected as the printer you are using, select the Number of Layers intended for the **Number of Layers**. The details for the Print Mode change according to the Number of Layers selected.

When the selected target printer is a fluorescent color model, use **Fluorescent Color Setting** to select your ink settings. The contents of the Print Mode change according to the selected settings.

You can change the amount of ink by selecting the Print Mode, and then clicking **Adjust**. Proceed to step 3.

If you are not adjusting the Print Mode, proceed to step 6.



3

You can adjust the Output Color and the amount of ink in **Color**. Set the density by dragging ▲ to the left or right.

The initial position of ▲ is the current density. Moving it to the right makes the density more dense. However, too much density could cause smudging and smears when printing.

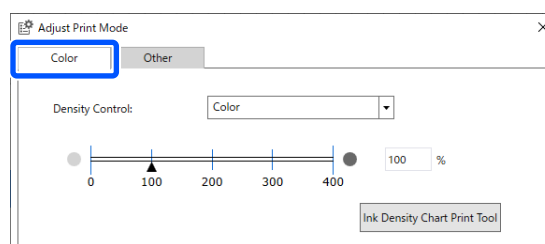
When selecting a model featuring WH/MS as the printer you are using, you can adjust the density by selecting **White/Metallic Silver**, according to the Color Mode selected.

When the selected target printer is a fluorescent color model, you can adjust the density by selecting **Fluorescent Yellow** or **Fluorescent Pink** according to the settings.

When selecting a model that supports UV ink as the printer you are using, you can adjust the density by selecting **White** or **Varnish**.

On models other than the above, if there are two types of **Color (Except Black)** and **Black** displayed in the **Density Control** list box, you can adjust the density of Black ink and other inks.

Clicking **Ink Density Chart Print Tool** or **Ink Density Adjustment Tool** opens a tool on a separate screen that allows you to print a chart to determine the optimal value of ink density.



You can fine-tune the density and the tone of the Output Color in **Tone Curve**.

Select the color you want to adjust in **Channel**, and then do adjustments by doing the following procedure.

- (1) Click on the Tone Curve line to set a work point. You can add multiple work points.

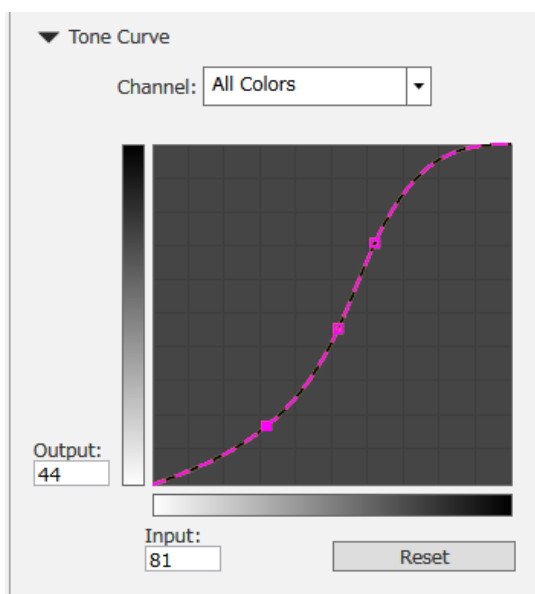
You can delete work points that are not needed by selecting them and pressing the **Delete** key.

Creating print information suitable for the media being used

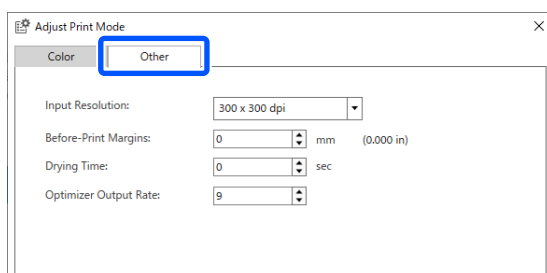
(2) Drag the work point to make adjustments.

Clicking **Reset** allows you to undo the adjustment results.

Selecting Print Quality and the media that was adjusted in ≡ (Basic Settings) reflects the results of the adjustment in the preview area.



4 In **Other**, you can change **Input Resolution**, **Before-Print Margins**, **Drying Time**, and **Optimizer Output Rate**.



Input Resolution

Select the resolution for when the images in the print data are processed by the software.

The available Input Resolution settings vary depending on the Print Mode selected in step 2.

Select a higher resolution if the original image is high definition or for poster images intended for close viewing.

Before-Print Margins

Enter the length of the margin that is inserted as a margin between the next job when printing continuously.

This is useful when printouts are wrapped and attached to a panel or something.

Drying Time

When doing continuous printing, the time that is set here is the waiting time before the next job starts printing. This can prevent ink from smudging onto the back of printouts while they are wound up during continuous printing. When printing on sizes larger than A2, we recommend setting a drying time in **Drying Time Per Pass** in the Setting Menu on the printer.

For details about the setting menu, see the *User's Guide* (online manual)

Optimizer Output Rate

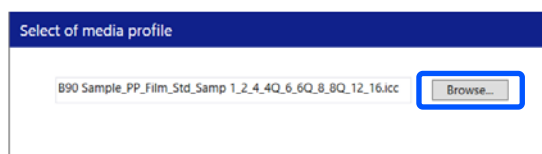
This is displayed when a model equipped with resin ink is selected as the target printer.

Enter the discharge amount for the Optimizer.

5 When the settings are complete, click **OK**.

6 Click **Proceed** and select a media profile. To use the media profile you have prepared, click **Browse** and specify the file path to the media profile.

If you are using a DeviceLinkProfile provided by the manufacturer of the media, click **Extend settings** so that you can do the settings as needed.



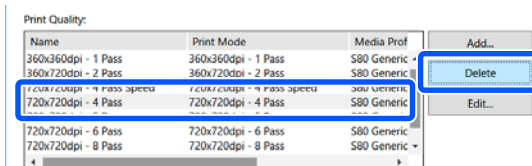
7 Click **Finish**.

Deleting Print Quality

If a **Media ID** is not displayed in the Edit dialog box, you cannot delete the print quality settings.

Creating print information suitable for the media being used

- 1 In the list, select the Print Quality that is not needed, and then click **Delete**.



- 2 When the confirmation message appears, click **Yes**.

- 3 Click **OK**.

Creating print information based on generic print information

This section explains the procedure to create print information for the media you are using based on the generic print information that is provided with the software.

Creating print information is done in a wizard, so it can be easily done by following the onscreen instructions.

- 1 Click Tool menu - **Manage Preset** - (Manage Print Info) - (Add), in this order. Adding Print Information starts.

- 2 Select **Create New** and click **Proceed**.

- 3 Follow the onscreen instructions to select an item.
Enter the name used for the print information you are going to create in **Media Name** and **Vendor**.

- 4 Select a similar media type.

- 5 Click **Finish**.
The print information that is created is added to the list, and the contents of the print information are shown in **Details**.

When you want to change the contents, select the print information that was added to the list, and then click (Edit).

For details, see step 3 and onwards in the following.

“Creating one based on the print information in an EMX file/Media Setting file you have acquired” on page 128

Reuse the created print information

You can reuse print information by saving the acquired or created print information to a file, and then uploading that file to another computer on which this software installed.

This section explains the procedures for saving (Export) and importing (Import).

Exporting print information

- 1 Click Tool menu - **Manage Preset** - (Manage Print Info), in this order.
- 2 On the list, right click the media name for the print information you want to reuse, and then select **Export** on the menus that appears.
- 3 Select where to save the file, and then save.
The extension for the saved file is (.epml).

Importing and adding print information

You can import and add EMX files (.emx) and print information files (.epml) by doing the following procedure.

- 1 Click Tool menu - **Manage Preset** - (Manage Print Info) - (Add), in this order. Adding Print Information starts.
- 2 Select **Import File**, and then click **Proceed**.

Creating print information suitable for the media being used

3 Click **Browse**, specify a place to which the file is saved, and then import the file you want.

4 Click **Proceed**.

After importing the EMX file (.emx), or the print information file (.epml) that was exported via an application software other than this software, copy the media setting values to the printer. If you do not copy the media setting values to the printer, you will not be able to do optimum printing when you select imported and added media name for printing. After importing the print information file (.epml) that was exported using this software, the file name is greyed out so you cannot select it because there is no need to copy it.

To copy the file, select **Copy Media settings** and proceed to step 5.

If you are not copying the file, then proceed to step 6.

5 Select where to copy the file, and then click **Specify copy destination**.

The media settings (1 to 30) registered to the selected printer appear. Select where to copy the media setting values, and then click **OK**.

Selecting a number that is blank adds the values. Selecting a number that has already been registered overwrites the registered information.

After importing multiple files, repeat the process of selecting where to copy the files and selecting where to copy the media IDs, and then copy all of the media setting values that you want to copy.

6 Click **Finish**.

The print information that is imported is added to the list, and the contents of the print information are shown in **Details**.

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When you want to change the initial settings of Media Size

You can change the size that is normally used in **Media Size** in ≡ (Basic Settings) in the Job Setting menu.

- 1 Click Tool menu - **Manage Preset** - ⋮ (Options Settings) in this order.
- 2 Clear **Acquire Media Size from Printer**, and then select the size you want to use from the **Default media size** list box.
- 3 When the settings are complete, click **Apply**.

When you want to acquire the actual size of the media loaded in the printer

By changing the media size acquisition setting, the actual size of the media loaded in the printer is displayed in **Media Size** from ≡ (Basic Settings) in the job settings menu when print data is added to the Job List.

- 1 Click Tool menu - **Manage Preset** - ⋮ (Options Settings) in this order.
- 2 Select **Acquire Media Size from Printer**, and then select **Use loaded media size** from the list box.
- 3 When the settings are complete, click **Apply**.

When you want to create non-standard media sizes (custom media sizes)

To print on cut sheet media or special width roll media, use the following procedure to create a custom media size. After that, you can select it from **Media Size** in ≡ (Basic Settings) in the Job Setting menu.

- 1 Click Tool menu - **Manage Preset** - ⋮ (Options Settings) in this order.
- 2 Click **Custom Media Size Setting**.
The Custom Media Size Setting dialog opens.
- 3 When you click + (Add), the **Custom Media Size** is added to the list, so you can give it any name.
- 4 In **Media Form**, select **Roll** or **Cut Sheet** and enter a size.
When **Roll** is selected, you can only enter **Media Width**.

When you want to change the media's left and right margins when printing

You can set the side margins on the printer's settings menu, as well. Printer settings take priority over settings in this software. However, side margins set on the printer are not reflected in the preview area for this software. If side margins that are wider are set on the printer, you cannot check overprint areas. Overprint areas are not printed.

You may not be able to set left and right margins in this software depending on the model you are using.

- 1 Click Tool menu - **Manage Preset** - ⋮ (Options Settings) in this order.
- 2 Set value for the margins for the **Right** and **Left** at **Margins**.

Troubleshooting & Tips

- 3 When the settings are complete, click **Apply**.

Acquiring Left and Right Margins from the Printer

You can only acquire left and right margin information from the printer when you are using a printer that supports Event Marking. When Event Marking is enabled on the printer, acquired left and right margins include the media edge information area.

- 1 Click Tool menu - **Manage Preset** -  (Options Settings) in this order.
- 2 Select **Acquire Margins from Printer in Margins**.
- 3 Click **Apply**.
Perform one of the following to reflect the left and right margins from the printer in the preview area of this software.
 - ☐ From the Job Settings menu, click  of the right or the **Media Size** list box in  (Basic Settings).
 - ☐ Restart this software

When synchronizing media settings and print information

The **media settings for printer have been updated**. is displayed, or when the  icon appears to the right of the **Media Name** list box in  (Basic Settings) from the Job Settings menu, the print information that corresponds to the media setting values registered in the printer is not registered in the software.

Follow the steps below to synchronize them.

Depending on the model you are using, synchronization may be disabled.

- 1 Click Tool menu - **Manage Preset** -  (Manage Print Info), in this order.

- 2 Click  (Sync).
A confirmation screen appears.

- 3 Click **Execute**.

Cannot Find the Genuine Epson Paper I Need

If your model supports genuine Epson paper but you cannot find the genuine Epson paper that you want to use for **Media Name** in  (Basic Settings) on the Job Settings menu, you can acquire the Media Setting for the genuine Epson paper.

- 1 Click Tool menu - **Manage Preset** -  (Manage Print Info) in this order.
- 2 Click  (Add).
The Adding Print Information wizard starts.
- 3 Select **Acquire and add information file about Epson Special Media**, and then click **Proceed**.
A list of Media Setting files for genuine Epson paper is displayed.
- 4 Select the Media Setting file you want to use.
Select one Media Setting file. You cannot select multiple Media Setting files at the same time.
The Media Setting files that you have already acquired are greyed out and cannot be selected.
The ones that show **Update Available** in **Status** indicate that a Media Setting file has been updated after you acquired it.
If you select and acquire a Media Setting file that shows **Update Available**, the Media Setting file that was already acquired is overwritten.
- 5 Click **Finish**.
The Media Setting file is acquired.
When acquiring is complete, the acquired genuine paper is added to the **Media Name** list box for  (Basic Settings).

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When a PDF, which contains data in which transparent images are layered with images that have been set with spot colors, cannot be printed correctly

You can avoid this with any one of the following three methods.

- ☐ Enabling PDF Overprint Simulation, and then printing again
Click, in order, the Tool menu - **Manage Preset** -  (Quick Sets). Select **PDF Overprint Simulation** on the **Basic Settings** tab.
 [“Creating Quick Sets” on page 124](#)
- ☐ Resaving the file to EPS using image processing software
- ☐ Using image processing software to create a PDF in which the transparency effect is applied
Example: For Illustrator, select the layered image, and then execute the “Flattener” process.

When the tones in the print results differ from previous results

When using this software with an Epson Edge Print PRO license, the tones in the print results may differ from the tones in previous printouts from this software.

If you want to print using the same tones as in previous printouts, change the settings as shown below.

However, to change the settings you must register the Epson Edge Print and Epson Edge Print PRO licenses.

- 1** Click the Tool menu - **Preferences** -  (RIP Server).

- 2** Select **Use Adobe PostScript for RIP engine**.

Note:

Generally, we recommend printing while the **Use Adobe PostScript for RIP engine** checkbox is cleared.

Printing when the checkbox is cleared has the following effects.

- ☐ You can print overprint settings and transparency effects using the correct tones.
- ☐ You can print with smoother gradations.

- 3** When the settings are complete, click **Apply**.

When you want to print smoother gradations

The following settings are only available when you are using this software with an Epson Edge Print PRO license, and the data format is PDF, EPS, or PS.

If you print PDF, EPS, or PS format print data, the gradation parts of the image may contain light and dark shaded stripes (banding).

If you can confirm that **8 bit** is set in **Bit Depth** in the following procedure, try changing it to **16 bit** to print with smoother gradations.

- 1** Click the Tool menu - **Preferences** -  (RIP Server).

- 2** Select **16 bit** from **RIP Options - Bit Depth**.

- 3** When the settings are complete, click **Apply**.

When thin lines in an image are not printed

If lines are not printed for images containing thin lines, change **Input Resolution** to a higher value in  (Basic Settings) from the Job Settings menu, and then reprint.

Troubleshooting & Tips

 [“Basic job settings” on page 36](#)

As well as making the settings above, if **Image Interpolation** in  (Basic Settings) from the Job Settings menu is enabled, change it to **Bicubic**.

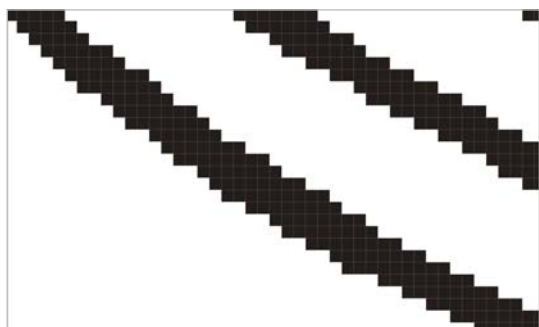
If fine lines in the image are not printed even after changing to **Bicubic**, change the setting to **Bilinear (Supersampling)**.

Depending on the model you are using, **Image Interpolation** may only be available when the print data format is TIFF. On models where the setting is only available for TIFF, **Bilinear (Supersampling)** is not displayed in the list box.

When diagonal lines or curves in an image are not printed smoothly

If diagonal lines or curves are not printed smoothly as shown in the example image below, perform steps 1 to 3 in order and reprint the image each time.

Example:



Solution

1. Perform Media Feed Adjustment and Print Head Alignment on the printer.

See the manual supplied with your printer for details on Media Feed Adjustment and Print Head Alignment.

2. Change **Input Resolution** to a higher value in  (Basic Settings) from the Job Settings menu in this software.

 [“Basic job settings” on page 36](#)

3. Change **Print Quality** to a higher output resolution value in  (Basic Settings) from the Job Settings menu, and also change **Input Resolution** to a higher value.

 [“Basic job settings” on page 36](#)

If you are using this software with an Epson Edge Print PRO license and the data format is PDF or EPS/PS containing line drawings, as well as making the settings above, set **Anti-aliasing** to **On** in  (Basic Settings) from the Job Settings menu.

If **Image Interpolation** in  (Basic Settings) from the Job Settings menu is enabled, change **Image Interpolation** to **Bicubic**. If changing to **Bicubic** does not provide smooth printing for diagonal lines or curves, try changing to **Bilinear (Supersampling)**.

Depending on the model you are using, **Image Interpolation** may only be available when the print data format is TIFF. On models where the setting is only available for TIFF, **Bilinear (Supersampling)** is not displayed in the list box.

When you want to change the interface language or the length units

You can change the length units and the interface language used in the software.

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- 1 Click Tool menu - **Preferences** -  (General), in this order.
- 2 Select the language to which to change to in **Language**.
- 3 Select the length units to which to change to in **Length Unit**.
- 4 When the settings are complete, click **Apply**.

When you want to change the arrangement method when setting the number of copies for a nested job

When you set the number of copies for a nested job and a multi-page job, images and pages are arranged in the same way as when you select **Standard** as the **Arrangement Option** in  (Layout) from the Job Settings menu.

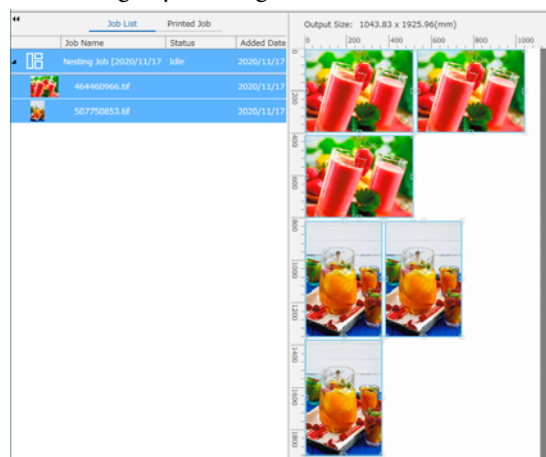
 [“Setting the layout” on page 41](#)

When you select **Standard**, you can change the way jobs and pages are arranged.

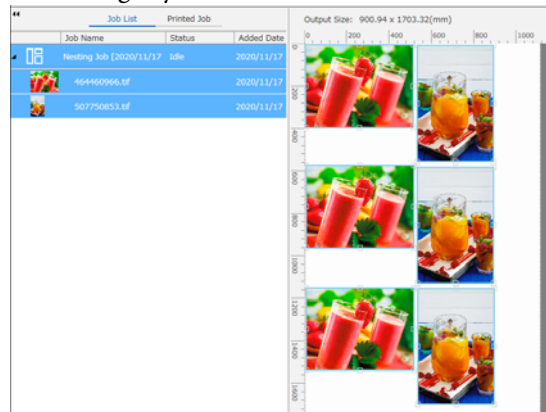
If you change the arrangement method, the arrangement is also changed when the the number of copies is set for a nested job and a multi-page job.

- 1 Click Tool menu - **Preferences** -  (General), in this order.
- 2 Select the arrangement method in the **Standard Arrangement Option** list box.
Example: When the number of copies for each nested job is set to 3

☐ Arrange by Job/Page



☐ Arrange by Set



- 3 When the settings are complete, click **Apply**.

When you want to reduce the preview display time

The following settings are only available when you are using this software with an Epson Edge Print PRO license, and the data format is anything except for PDF or PS.

If the file size of the print data is large, it may take some time before the preview is displayed after the print data has been added to Job List.

You can reduce the time between adding print data and viewing the preview by changing the type of preview to **Quick Preview**.

Troubleshooting & Tips

The following settings on the Job Settings menu are not available in Quick Preview. To access these settings, change to High Quality Preview.

- ☐ Everything from  (Color Replacement)
- ☐ Combining jobs for layered print jobs
 “Combining jobs” on page 69

In addition, the following settings are not reflected in the preview image. The resolution for the preview image will also be lower.

- ☐ Color Settings (Input/output profiles)
- ☐ Color replacement information
- ☐ Spot color settings

- 1** Click Tool menu - **Preferences** -  (General), in this order.
- 2** Select **Quick Preview** as the **Type of Preview**.
- 3** When the settings are complete, click **Apply**.
Follow the on-screen instructions to restart the software and apply the settings.

Note:

- ☐  is displayed in the Job List thumbnails for jobs in which Quick Preview is enabled.
- ☐ Quick Preview may be disabled even for jobs in a data format other than PDF/PS.
- ☐ To change a job for which Quick Preview is enabled to a high quality preview, select the job in the Job List, and then click  (High Quality Preview) on the job toolbar.

When Exporting Cut Path Data

You can export cut path data to PDF, EPS, or other formats when the print data you are printing, or the print data for which you are performing RIP processing, includes cut paths set in your image processing software. When using digital cutting systems from Zünd, you can export cut path data to ZCC.

The exported cut path data can be used with a cutting plotter (cutting machine) that supports importing PDF, EPS, or ZCC data.

However, cut path data cannot be exported for jobs with the following settings.

- ☐ When the print range is set in  (Crop) from the Job Settings menu
- ☐ When you divide an image in  (Tiling) from the Job Settings menu
- ☐ When you create a repeating pattern in  (Step and Repeat) from the Job Settings menu

Additionally, exporting to PDF or ZCC is only available if you are using this software with an Epson Edge Print PRO license.

Preparing to export

Creating print data

Use the image processing software to create a cut path in the printed data. Set the spot color for the path you created and give the spot color a name.

Set a spot color name that is specific to the cut path.

Example: CutContour

Setting Cut Paths

Set the cut path so that this software can recognize the spot color name set in the cut path of the print data as the cut path. The spot color name for which the cut path set using the following steps is not printed.

- 1** Click Tool menu - **Preferences** -  (RIP Server), in this order.
- 2** Select **Save Cut Path as file** from **Cut Path**, and then click **Cut Path Settings**.
A settings dialog box appears.
- 3** Click  (Add).

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- 4** Enter the spot color name you set for the cut path of the print data in **Spot Color**.
When using a digital cutting system from Zünd (Zünd cutter), select the cutting method in **Cutting Method (Zünd)** to use for the cut path with the entered spot color name.

When using a cutting plotter (cutting machine) other than those from Zünd, you do not need to select the **Cutting Method (Zünd)**.

- 5** Click **OK**.

- 6** When multiple spot color names are registered in **Spot Color**, select the spot color name to use for the cutting paths (cutting frames) automatically generated by this software in **Auto Generated Cut Frame**.

See the following for more details about the cutting paths (cutting frames) automatically generated by this software.

 ["Setting Cutting Marks and Job Labels" on page 119](#)

- 7** Click  to close the settings dialog box.

- 8** Click **Browse** in **File Path** to select where you want to save the file for the cut path data.

- 9** When the settings are complete, click **Apply**.

Exporting cut path data

If you add print data with a cut path to Job List and start printing or RIP processing, the PDF, EPS, or ZCC is saved to the specified destination with the following file name.

<print data file name>_<export date>.pdf (.eps)(.zcc)

Note that when you add print data to Job List, the cut path is not displayed on the image in the preview area.

If a cut path is displayed on the image in the preview area, exporting cut path data is disabled. If you enable exporting cut paths as described in "Setting Cut Paths" and then add the print data to Job List again, the cut path for the image in the preview area is hidden.

When the print heads start and stop during printing

Do printing after raster image processing (ripping) has finished.

- 1** Select the job you want to print from the Job List.

- 2** Click  (RIP) in the Job toolbar.

When RIP starts, **Status** appears in the **Ripping...** column in the Job List.

Wait until **Ripped** appears in the **Status** column.

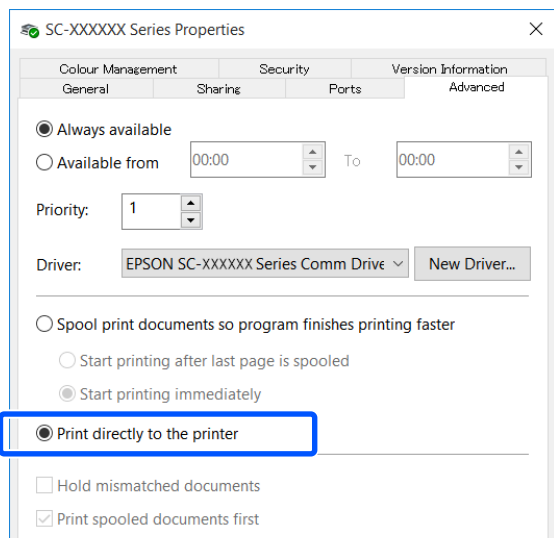
- 3** Select the job you want to print from the Job List, and click  (Print) in the Job toolbar.

If the measures above do not resolve the problem

Check the settings for the Epson communication driver (EPSON SC-XXXXXX Series Comm Driver) that is installed. See the following for details on how to check the settings. The following procedure uses Windows10 as an example.

- (1) Select, in order, **Start - All Apps - Windows System - Control Panel - Devices and Printers**.
- (2) Select and right click on the printer you want from the list, and then select **Printer properties** on the menu that appears.
- (3) Open the **Advanced** tab and check whether **Print directly to the printer** is selected. If it is not selected, select it.

Troubleshooting & Tips



When you want to estimate ink usage

You can estimate the ink usage for printing the image displayed in the preview area. Depending on the model you are using, this function may not be supported.

Important:

-  This is a simple tool for estimating the ink usage for a given print job. EPSON DOES NOT WARRANT ACCURACY. Because of disparities in how different models operate, the result of comparisons between models can also not be guaranteed.
-  EPSON provides several kinds of tools for estimating the ink usage, please use the tool suitable for the desired purpose.
-  Actual ink usage vary considerably depending on conditions of printer use.
-  Estimates do not include the amount of ink used for printer maintenance (unless specifically indicated in the tool), or ink remaining in the replaced cartridge.

Estimates can be performed for the following types of jobs.

-  Individual jobs
-  Nested jobs

- 1** Select the job (image) for which you want to measure the ink usage from the Job List.
- 2** Click  (Job Info) in the Job Setting menu.
Detailed information about the selected job is displayed in the setting area.
- 3** Click **Confirm for Ink Usage (Estimate)**.
The Ink Usage (Estimate) dialog box is displayed.
- 4** Click **Start Estimation**.
When the estimation is complete, the usage is displayed for each ink color in **Estimation Result**.

Note:

Creating the estimate may take some time depending on the job.

When Error appears in Status on Job List and printing is not done

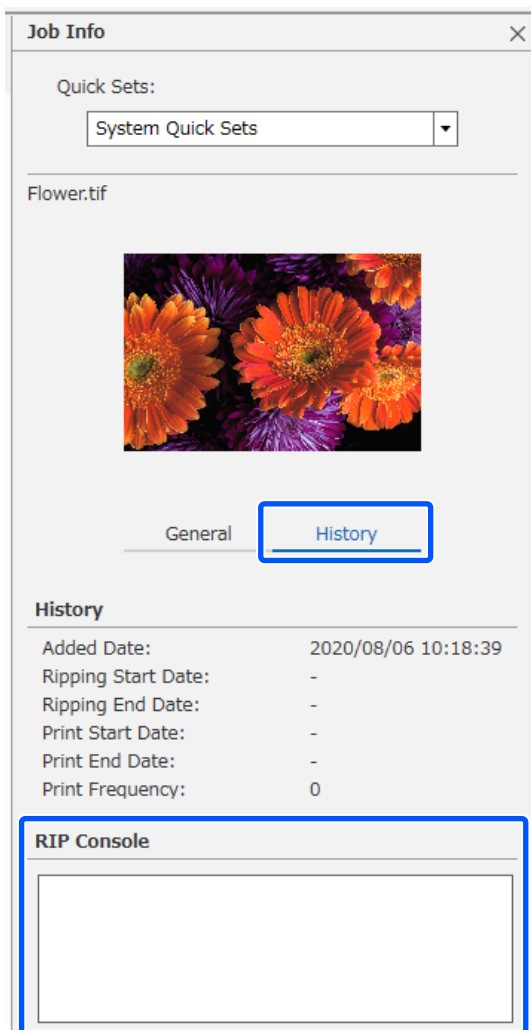
A postscript error may have occurred. Use the following procedure to confirm the details of the error, and resolve it if necessary.

Confirming the details of errors

- 1** Select a job to confirm in the Job List, and then click  (Job Info) in the Job Setting menu.
Detailed information about the selected job is displayed in the setting area.

Troubleshooting & Tips

- 2 Click **History** and confirm the **RIP Console** column.



When %[% Error: invalidfont; OffendingCommand: xxxxxxxx]% appears

When Error:invalidfont occurs, a font is not embedded or a font that does not exist in the system was specified. Embed the font in the source data or change it to a different font.

The xxxxxxxx part changes according to the status.

When something other than what is above appears

See the following page and increase the amount of memory used by the RIP server.

Changing the memory size used by the RIP server

- 1 Click Tool menu - **Preferences** - (RIP Server), in this order.
- 2 Select a larger size in **RIP Memory**.
If you increase the amount of memory, and the same error appears, change to a memory that is one level larger.
- 3 When the settings are complete, click **Apply**.

When you want to send information for analysis when an error occurs

You can only use the following functions if you have already registered an account for Epson Cloud Solution PORT. However, even if you have already registered a Epson Cloud Solution PORT account, the menu may not be displayed depending on your country and region.

You can send information for analysis to Epson Cloud Solution PORT for help with analysis of errors that occur in this software.

We recommend sending the information for analysis in advance when you contact Epson support to report an error.

Epson will only use the information collected to analyze errors and it will not be used for any other purpose.

To send information for analysis, the RIP server must be connected to the internet.

- 1 Click on (Login) on the main screen to log in to Epson Cloud Solution PORT.
If (Logout) is displayed on the main screen, you are already logged in to Epson Cloud Solution PORT.

Troubleshooting & Tips

- 2 Select the job in which the error occurred from the Job List.

When sending information for analysis of multiple jobs, select and send one job at a time.

- 3 Click the Tool menu - **Send Information for Analysis**, in this order.

- 4 Select the information you want to send, and then click **OK**.

- 5 When the confirmation message appears, click **Yes**.

Analysis ID is displayed when the information for analysis has been sent.

When contacting Epson support, provide the Analysis ID displayed and request that the content of the error is checked.

When you want to change amount usable capacity in the storage device

You can change the capacity for the location of your saved ripped data.

Or, you can also set a processing method for when there is little memory available in the memory device.

- 1 Click Tool menu - **Preferences** -  (RIP Server), in this order.
- 2 Set the available capacity in **Max Capacity** in **Data Storage**.
- 3 Select **Near-full Option** for the processing method for when there is little capacity available in the storage device.

When **Notice** is selected: An error is displayed as a notice when the capacity is almost full.

When **Delete Old Jobs** is selected: Old data is automatically deleted when the capacity is full.
- 4 When the settings are complete, click **Apply**.

When you want to register or unregister a printer that is being managed

With this software, you can register four printers to be managed.

Select the printer you want on the tab at the bottom of the screen if multiple printers are registered.

Registration and changes

When you register a printer with the software, the same printer is registered automatically in the Epson Edge Dashboard.

When you register a printer to be managed in the Epson Edge Dashboard, it is not automatically registered on the software. If necessary, register it to the software.

Registration procedure

- 1 Click Tool menu - **Preferences** -  (Printer) -  (Register) in this order.

A list of connected printers that are not registered in the software appears.

Models that are not supported do not appear, even if they are Epson printers.

You can also click **Search by IP Address** and enter an IP address directly to search for it.

Note:

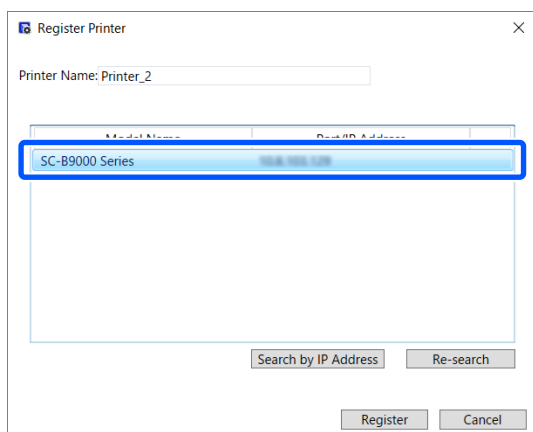
When registering printers with different models

The model of the printer that is selected when this software is installed appears on a list. When adding models to use after installation, refer to the following and install model information, etc., for the model you are adding. After adding the printer, the added model will appear on the list as a supported model.

 *"When you want to add models to use after installation" on page 144*

Troubleshooting & Tips

2 Select the printer you want from the list.



The name shown in **Printer Name** is displayed on the printer switching tab of the main screen as the name of the printer registered in this software. Change the name as necessary.

3 Click **Register**.

Changes to registered details

The registered printer name can be edited after registration.

Also, if you change the printer's color mode settings, Black ink type, Hard Disk Unit settings, Save to Storage settings, and so on after registering the printer, make sure you change them to match the printer. If the printer's settings and the settings for the software do not match, printing cannot be done correctly.

You can change the following settings.

- ☐ **Registered name**
You can change this for all printer types.
- ☐ **Color Mode Settings**
You can change this on printers that support WH/MS.
- ☐ **Black ink type**
You can change this on printers that support Black ink switching.
- ☐ **Hard Disk Unit print mode**
You can change this on printers that allow you to install the optional Hard Disk Unit.

- ☐ **Save to Storage setting**
You can change this on printers that support Save to Storage.

See the manual supplied with your printer for details on settings other than the registered name.

To change the settings, select the printer you want to change from the list, click  (Change), change the settings, and then click **OK**.

Procedure to unregister

By unregistering a printer, all the following content related to work done previously on the printer is deleted.

- ☐ Jobs on the Job List
- ☐ Jobs on the Printed Job list
- ☐ Acquired and added print information
- ☐ Added Quick Sets

Additionally, when you unregister a registered printer, it is also deleted from the registered printers in the Epson Edge Dashboard, as well as from the **Devices and Printers** window in Windows.

When the printer to unregister is set as the output printer in a hot folder, unregister the hot folder before unregistering the printer.

You cannot unregister a printer if you do not unregister the hot folder.

 [“Unregistering a hot folder” on page 30](#)

- 1** Click Tool menu - **Preferences** -  (Printer), in this order.
- 2** Select the printer to unregister in the list, and then click  (Unregister).
Or, open the right click menu on the icon of the printer to unregister and select **Unregister**.
- 3** When the confirmation message appears, click **Yes**.

When you want to add models to use after installation

Use the following procedures to install model information, etc., for models that you are adding.

The following work does not require you to reregister or delete the registered license.

Important:

When the printer you want to add and the RIP server (the computer where this software is installed) are connected by USB, turn off the printer before installing the Model Information File.

- 1 Download the Model Information File for the model you want to add from the software's download site (<https://support.epson.net/eep/>), and save it anywhere on the RIP server.
- 2 Close this software.
- 3 Unzip the Model Information File you saved, and then double-click Model Information File (.exe) to run the installation.

Follow the on-screen instructions to complete the installation.
- 4 After the installation is complete, start the software and register the printer.

When you want to register with an added license

Use the following procedure when you have added a license, such as if you have purchased a new printer.

- 1 Click Tool menu - **Preferences** -  (License) -  (Add), in this order.

The License Authentication wizard starts. Follow the on-screen instructions.

For details about the License Authentication wizard, see step 4 and onwards in the following.

Skip this, because printers are not registered.

When the RIP server is connected to the internet

 [“When connected to the internet” on page 145](#)

When the RIP server is not connected to the internet

 [“When not connected to the internet” on page 146](#)

When you want to replace the RIP server's computer

Use the following procedure to replace the RIP server's computer.

1. Before replacing it, delete the registration of the license for the RIP server.
2. Install this software on the replacement computer, and then register the license.

Important:

If you do not delete the registered license beforehand, then you cannot use the software on the replacement computer.

If something happens, such as the computer used for the RIP server malfunctions, and you cannot delete the registered license for this software, contact your local Epson support.

Procedure to delete the license

The computer must be connected to the internet when you delete the registration of the license.

You cannot delete a registration while not connected to the internet.

Troubleshooting & Tips

Note:

If the RIP server is in an environment that is not connected to the internet, and you need to unregister the license, contact your local Epson support.

- 1 Click Tool menu - **Preferences** -  (License), in this order.
A list of registered licenses appears.
- 2 Select the license for which to delete registration in the list, and then click  (Delete).
- 3 When the confirmation message appears, click **Yes**.

See the following when you uninstall the software. Uninstallation must be done after you delete the registration of the license.

 [“Uninstalling the software” on page 149](#)

Registering the license after replacing the computer

Registration of the license is done in a wizard format.

The registration procedure is different depending on whether or not the computer, in which the license is being registered, is connected to the internet.

The Serial Number of the software must be entered for the license authentication. The Serial Number is on a label stuck to the inside of the package for the software.

Have the package handy before you start this operation.

 [“When connected to the internet” on page 145](#)

 [“When not connected to the internet” on page 146](#)

Note:

If you have multiple licenses, we recommend registering the licenses for printers that are not registered in this software, too. You can register licenses for up to four printers with the software. The software can be used more efficiently when multiple licenses are registered.

When connected to the internet

- 1 Install this software on the replacement computer.
 [Setup Guide](#)
- 2 Click , which was created on the desktop, to start the software.
- 3 When the request message for license authentication appears, click **Start**.
The License Authentication wizard starts.

Note:

If you click **Free Trial**, license authentication is not performed, and you can use the software for a 30 day trial.

During the trial period, a message counting down the usage period appears each time the software is started.

You can use the official version by clicking **Start License Authentication** in the message screen, and then doing the license authentication.

When the 30 day trial period is over, you cannot use the software unless you do the license authentication.

- 4 Select **Online** and click **Proceed**.
- 5 Enter the serial number and click **Proceed**.
The serial number is on a label stuck to the inside of the package for the software.
Enter it correctly.
- 6 When the message **License authentication completed.** is displayed, click **Finish**.
- 7 When a message requesting printer registration appears, click **Start**.
The RIP server and printers connected via a network or USB appear in a list.

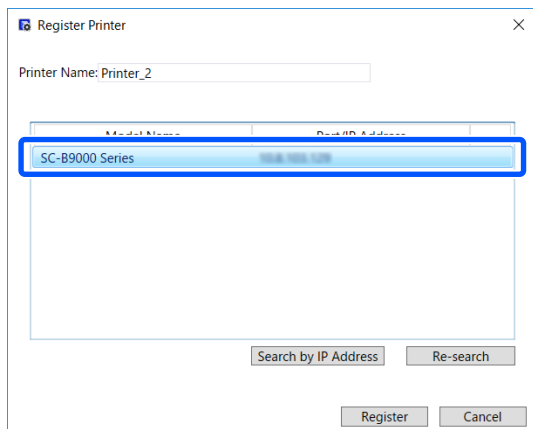
Troubleshooting & Tips

Models that are not supported do not appear, even if they are Epson printers.

You can also click **Search by IP Address** and enter an IP address directly to search for it.

8

Select the printer you want from the list.



The registered name of the printer selected in the list appears in **Printer Name**. If you want to change the registered name, enter the name after changing it.

9

Click **Register**.

After printer registration is done, the main screen of the software appears and you can start using it.

When not connected to the internet

1

Install this software on the replacement computer.

 *Setup Guide*

2

Click , which was created on the desktop, to start the software.

3

When the request message for license authentication appears, click **Start**.

The License Authentication wizard starts.

Note:

If you click **Free Trial**, license authentication is not performed, and you can use the software for a 30 day trial.

During the trial period, a message counting down the usage period appears each time the software is started.

You can use the official version by clicking **Start License Authentication** in the message screen, and then doing the license authentication.

When the 30 day trial period is over, you cannot use the software unless you do the license authentication.

4

Click **Offline - Proceed**, in this order.

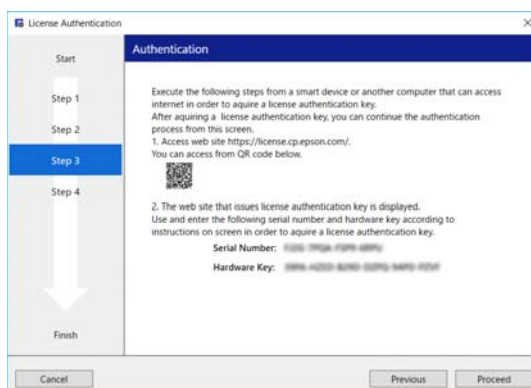
5

Enter the serial number and click **Proceed**.

The serial number is on a label stuck to the inside of the package for the software.

Enter it correctly.

By clicking **Proceed**, the URL, serial number, and hardware key appear on the screen. Without changing anything, proceed to step 6.



6

Access the following URL via one of the following devices that can connect to the internet.

- ☐ Smartphone
- ☐ Tablet
- ☐ Computer

<https://license.cp.epson.com/>

Troubleshooting & Tips



- 7 When the screen shows the website for issuing license authentication keys, click (or tap) **Start**.
- 8 Enter the Serial Number and the Hardware Key.
Correctly enter the Serial Number and the Hardware Key that are displayed on the screen that appears in step 5.
- 9 Clip (or tap) **Issue**.
When the authentication is complete, the license authentication key appears.
Enter this authentication key in the License Authentication wizard for the RIP server. When you are using a smartphone or a tablet, save a screenshot or just advance to step 10.
When you are using a computer, write it down without making a mistake.

When you are doing multiple license authentications, continue to do the operation to issue authentication keys. Click (or tap) **Issue the authentication key with another serial number**, and then repeat steps 8 and 9.
- 10 Click **Proceed** in the License Authentication wizard screen (the screen that appears in step 5) on the RIP server.
The screen changes to the Enter License Authentication Key screen.
- 11 Enter the license authentication key that appeared in step 9, and click **Proceed**.
If you had multiple license keys issued as a batch on the site that issues license keys, be sure to correctly enter the authentication key that corresponds to the Hardware Key.
- 12 When the message **License authentication completed.** is displayed, click **Finish**.

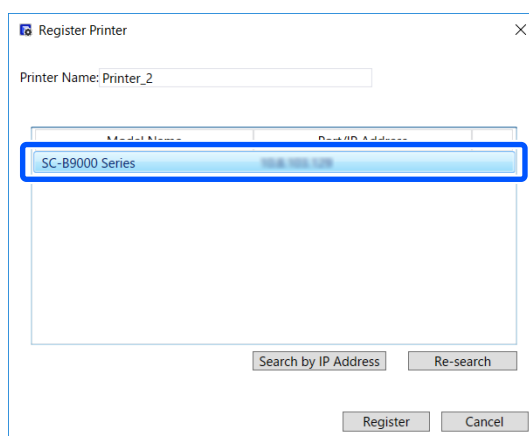
- 13 When a message requesting printer registration appears, click **Start**.

The RIP server and printers connected via a network or USB appear in a list.

Models that are not supported do not appear, even if they are Epson printers.

You can also click **Search by IP Address** and enter an IP address directly to search for it.

- 14 Select the printer you want from the list.



The registered name of the printer selected in the list appears in **Printer Name**. If you want to change the registered name, enter the name after changing it.

- 15 Click **Register**.
After printer registration is done, the main screen of the software appears and you can start using it.

Backup and Restore

You can save all of the software's settings (including registered printers) to a backup file.

If the computer on which the software is installed happens to become damaged, you can continue to keep the same settings from before by doing a Restore of the backup file you saved using the software that was installed on a new computer.

We recommend saving backup files regularly.

Troubleshooting & Tips

Note:

- ❑ Job data from the Job List and Printed Job list is not saved in the backup file. Save job data to a separate file using the job save (Export) function.
🔗 [“Saving Job Data to a File” on page 34](#)
- ❑ You can change whether to show or hide backup notifications by clicking the Tool menu - **Preferences** -  (General), and then clicking **Change Notification Preferences**.

Backup

- 1 Click the Tool menu - **Backup and Restore**, in this order.
The Backup and Restore wizard begins.
- 2 Select Backup, and then click **Proceed**.
- 3 Select a location to save the backup files, and then click **Proceed**.
- 4 Select where to save the file, and then save.
The extension for the saved file is (.dat).

Restore

Precautions when doing a Restore

Check the following points before doing a Restore.

- ❑ If you do a Restore, all of the current conditions that are currently set in the software will change to the conditions at the time of the Backup.
- ❑ If you do a Restore, any current jobs imported into the Job List and any jobs in the Printed Job list will be deleted.
- ❑ You cannot do a Restore if the printer installed differs from the one installed when the Backup was done.
When installing the software to a new computer, select the same printer type (model) as before. If, when installing the software, the printer type (model) was omitted, add the model.
🔗 [“Registration procedure” on page 142](#)

Restore procedure

- 1 Click the Tool menu - **Backup and Restore**, in this order.
The Backup and Restore wizard begins.
- 2 Select Restore, and then click **Proceed**.
- 3 Specify the location at which the backup to do the Restore is saved, and then open the target file.
- 4 Associate printers that are connected.
Association automatically finishes when the port for the connected printer is the same both at Backup and Restore. Click **Proceed** to proceed to step 7.
If the port that is connected is different, (**No Settings**) appears. Proceed to step 5 to associate manually.
- 5 Select a printer for which (**No Settings**) is displayed, and then click **Register**.
A list of connected printers that are not registered in the software appears.
- 6 Select a printer, and then click **Register**.
Select a printer to register to the list.
You can also click **Search by IP Address** and enter an IP address directly to search for it.
- 7 After the Restore is complete, click **Finish**.

Updating the software

This software is updated as needed to make it more useful and to improve functions.

If **A newer version of Epson Edge Print is available**, is displayed while using this software, follow the steps below to update the software to the latest version. If **A newer version of the following model information file is also available**, is displayed, also update the Model Information File for the displayed model.

Troubleshooting & Tips

**Important:**

Do not turn off the RIP server while updating.

1

Click **Download** in **Epson Edge Print Installer / Updater** on the download site (<https://support.epson.net/eep/>) for this software, and then save the file to any location on the RIP server.

If you are also updating the Model Information File, go to step 2.

If you are not updating the Model Information File, go to step 3.

2

In **Model Information File**, click **Download** for the Model Information File of the model you were notified to update, and save the Model Information File to any location on the RIP server.

3

Close this software.

4

Unzip the file you saved in step 1, and then double-click EEPSetup.exe to start the installation.

Follow the on-screen instructions to complete the installation.

Note:

You do not need to uninstall the version of the software that you were using. It is updated when you install and overwrite with the latest software.

5

Unzip the Model Information File you saved in step 2, and then double-click Model Information File (.exe) to run the installation.

Follow the on-screen instructions to complete the installation.

Note:

*You can change whether to show or hide update notifications for this software by clicking the Tool menu - **Preferences** - ≡ (General), and then clicking **Change Notification Preferences**.*

Uninstalling the software

**Important:**

- ☐ Log in as a "Computer administrator" (an account with Computer administrator privileges).
- ☐ Enter the administrator password when prompted and then proceed with the remainder of the operation.
- ☐ Exit any other applications that may be running.

For Windows 8.1/10

1

Before uninstalling the software, delete all the licenses that are registered in this software.

If you uninstall the software while the licenses are registered, an error occurs and you cannot execute the uninstallation.

 ["Procedure to delete the license" on page 144](#)

If you delete all of the registered licenses, this software will close.

2

Open the Control Panel and click **Uninstall a program**.

3

Select **Epson Edge Print** from the list, and click **Uninstall**.

When the confirmation message is displayed, click **Yes**.

For Windows 11

1

Before uninstalling the software, delete all the licenses that are registered in this software.

If you uninstall the software while the licenses are registered, an error occurs and you cannot execute the uninstallation.

 ["Procedure to delete the license" on page 144](#)

Troubleshooting & Tips

If you delete all of the registered licenses, this software will close.

2

Click the Start button - **Settings**.

The **Settings** screen is displayed.

3

Click **Apps** from the menu on the left of the screen.

4

Click **Apps & features** (or **Installed apps**).

5

Click the **Epson Edge Print** menu button from the list, and then select **Uninstall**.

When the confirmation message is displayed, click **Yes**.

Printing from Other Applications (Printer Sharing)

Printing from Other Applications (Printer Sharing)

If you have registered a shared printer in this software so that it can be used from another computer (client) on the same network as the RIP server (the computer on which this software is installed), you can send print data from the client to the RIP server.

This allows you to add print data created by the client's image processing software directly to the Job List in this software.

To share the printer between the RIP server and the client, you need to set it up on each computer.



Important:

For printer sharing, we recommend using the following computers for both the RIP server and the clients.

- ☐ Windows Pro edition
- ☐ Active Directory domain environment

You may not be able to share printers if the Windows edition or domain environment is different.

Necessary settings for the RIP server

[“Enabling Sharing Settings for the RIP Server and the Client” on page 151](#)

[“Enabling Printer Sharing Settings” on page 152](#)

[“Setting Quick Sets to Use with a Shared Printer” on page 155](#)

Necessary settings for the client

[“Enabling Sharing Settings for the RIP Server and the Client” on page 151](#)

[“Adding a Shared Printer to a Client” on page 152](#)

Enabling Sharing Settings for the RIP Server and the Client

Enable network sharing settings for the RIP server and the client.

The computers you need to setup differ depending on the operating system on the client computer.

When the client computer is Windows

Enable sharing settings on the RIP server and the client.

When the client computer is Mac

Enable sharing settings only on the RIP server.

In this section we use Windows 10 as an example.

1

Click **Start** - (Settings) - **Network & Internet**.

For Windows 11, click **Start** - **All apps** - **Windows Tools** - **Control Panel** - **Network and Internet**.

For Windows 8.1, click **Desktop** - **Settings** - **Control Panel** - **View network status and tasks**. Proceed to step 3.

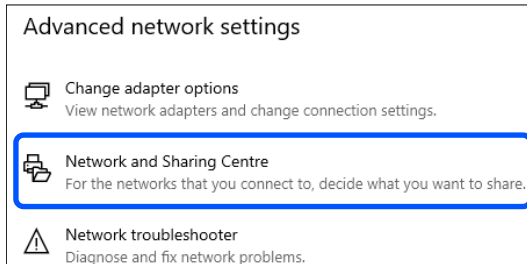
Note:

*If **View network status and tasks** is not displayed in Windows 8.1, click **Network and Sharing Center**.*

2

Click **Network and Sharing Center** from **Advanced network settings**.

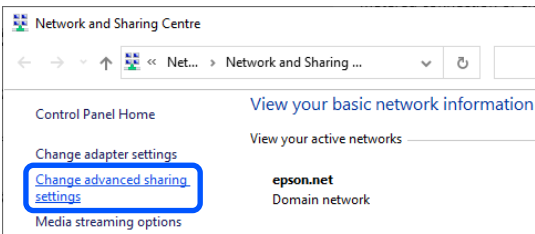
The Network and Sharing Center screen is displayed.



Printing from Other Applications (Printer Sharing)

For Windows 11, click **Network and Sharing Center**.

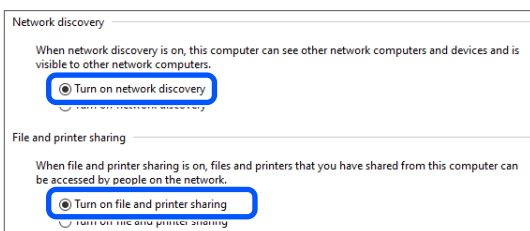
3 Click **Change advanced sharing settings**.



4 Enable **Network discovery** and **File and printer sharing**.

In **Network discovery**, select **Turn on network discovery**.

In **File and printer sharing**, select **Turn on file and printer sharing**.



5 Click **Save changes**.

Network sharing settings are enabled.

Enabling Printer Sharing Settings

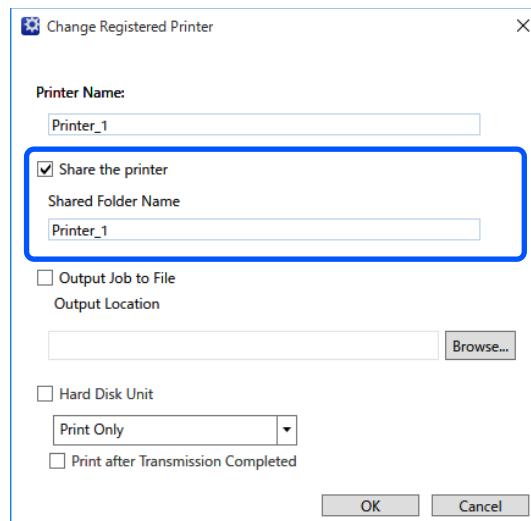
Enable sharing settings for the printer registered in this software.

- 1 Start this software, and then click the Tool menu - **Preferences** - (Printer).
- 2 Select the printer for which you want to enable sharing settings from the list, and then click (Change).
- 3 Select **Share the printer**.
Shared Folder Name displays the same name as the name displayed in **Printer Name**. You can change the name displayed in **Shared Folder Name**.

However, **Shared Folder Name** cannot be changed once it has been set.

Note:

If **Printer Name** contains "*" or "\", **Shared Folder Name** converts these to "_".



4 Click **OK**.

Sharing settings for the printer registered in this software are enabled.

Adding a Shared Printer to a Client

Add a printer with sharing settings enabled to the client computer.

The procedure differs depending on the computer's operating system.

For Windows

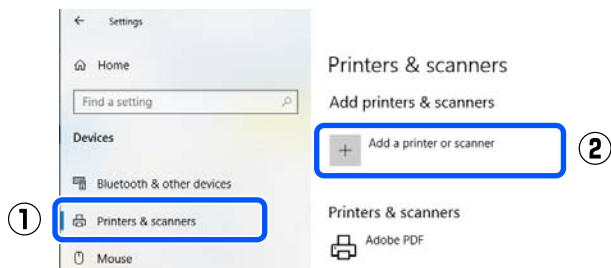
In this section we use Windows 10 as an example.

- 1 Click **Start** - (Settings) - **Devices**.
For Windows 11, click **Start** - **Settings** - **Bluetooth & devices**.
For Windows 8.1, click Desktop - **Settings** - **Control Panel** - **View devices and printers**.

Printing from Other Applications (Printer Sharing)

- 2** Click **Printers and Scanners - Add a printer or scanner**.

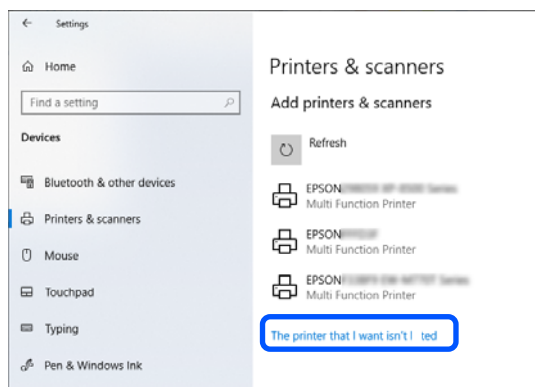
Searching for printers and scanners is displayed and the computer searches for the printer.



For Windows 11, click **Printers & scanners - Add device** to start searching for printers.

For Windows 8.1, click **Add a Printer** to view **Searching for Available Printers** and start searching for the printer.

- 3** Click **The printer that I want isn't listed** if you cannot see the printer when the search is complete.



For Windows 11, click **Add manually** from **The printer that I want isn't listed**.

For Windows 8.1, click **The printer that I want isn't listed**.

- 4** Choose **Select a shared printer by name**, and then enter the computer name of the RIP server and the name* of the printer for which sharing settings have been enabled.

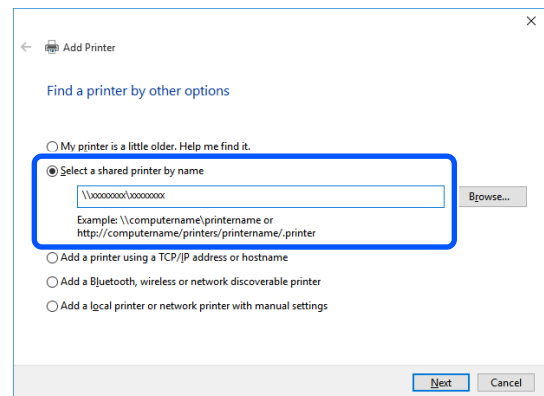
* This is the printer name displayed in **Printer Name** when **Share the printer** is selected in this software.

See step 3 below for more details on the **Printer Name**.

[“Enabling Printer Sharing Settings” on page 152](#)

Enter the information using one of the following formats.

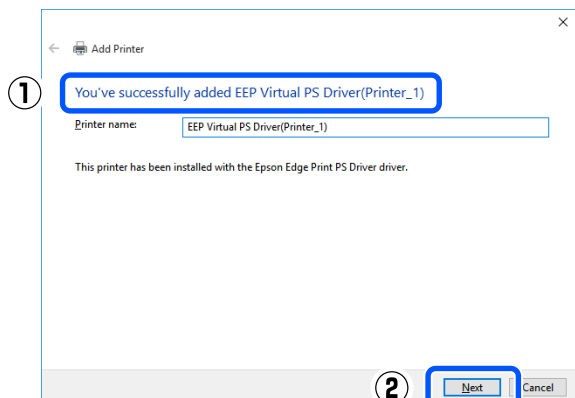
- ☐ \\<computer name>\EEP Virtual PS Driver(<Printer Name>)
- ☐ http://<computer name>/printers/EEP Virtual PS Driver(<Printer Name>)/.printer



- 5** Click **Proceed**.

When the message **Do you trust this printer?** is displayed, click **Install Driver**.

- 6** Check that <printer name> was added successfully is displayed, and then click **Next**.



- 7** Click **Finish**.

The printer (shared printer) for which sharing settings have been enabled is added to the client computer.

For Mac

In this section we use macOS 10.15 as an example.

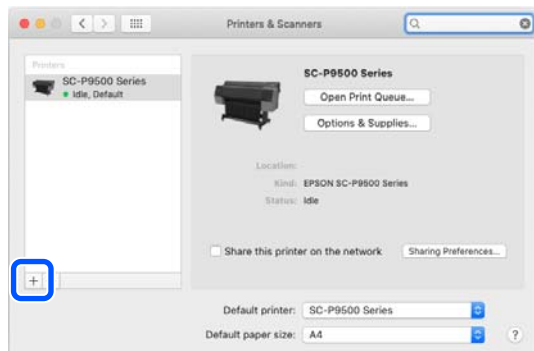
Printing from Other Applications (Printer Sharing)

- 1 Download the PPD file from **Option File** on the software's download site (<https://support.epson.net/eep/>), and then run the installation.

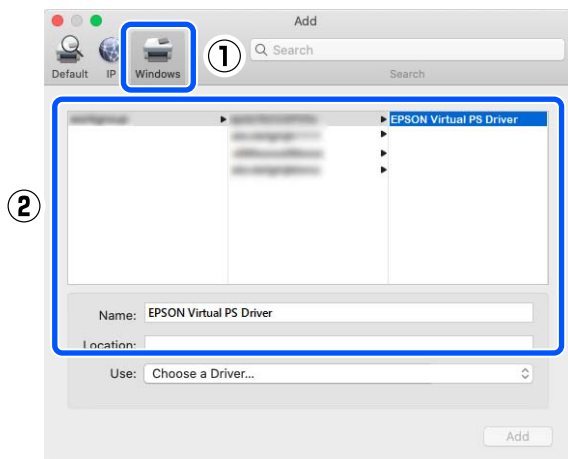
Follow the on-screen instructions to complete the installation.

- 2 Click the Apple menu - **System Preferences - Printers & Scanners**.

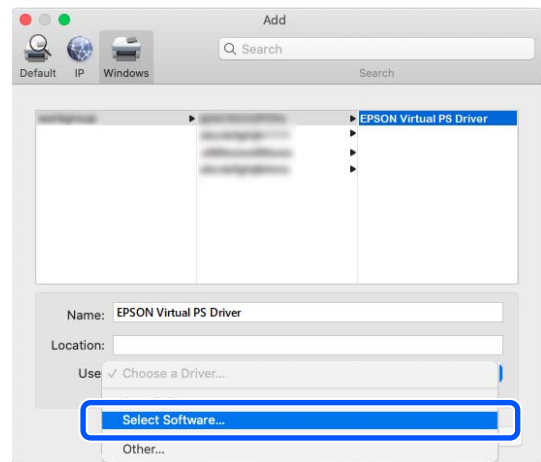
- 3 Click +.



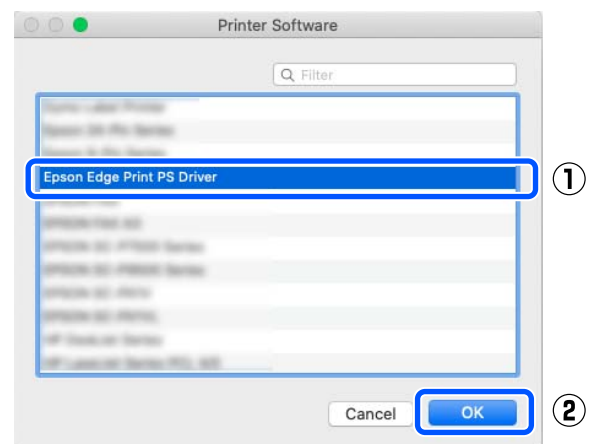
- 4 Click **Windows**, and then from the list click <the name of the Windows workgroup> - <the computer name of the RIP server> - **EPSON Virtual PS Driver**.



- 5 Choose **Select Software** from **Use**.
The **Printer Software** dialog box is displayed.



- 6 Select **Epson Edge Print PS Driver**, and then click **OK**.



- 7 Click **Add**.
The printer (shared printer) for which sharing settings have been enabled is added to the client computer.

See the following if the shared printer is not added to the client computer after performing steps 1 to 7.

[“Adding a Shared Printer Using an LPD Connection \(Mac\)” on page 159](#)

Printing from Other Applications (Printer Sharing)

Setting Quick Sets to Use with a Shared Printer

By associating the Quick Sets registered in this software with the Quick Sets name of the shared printer, you can set Quick Sets when printing from the client using a shared printer.

See the following for detailed information about Quick Sets.

 [“Creating job settings that are often used \(Quick Sets\)” on page 124](#)

If you do not associate a Quick Sets, the default Quick Sets is applied.

See the following for detailed information about the Quick Sets default settings.

 [“Setting Quick Sets as the default job settings” on page 127](#)

This section describes how to associate the Quick Sets name of a shared printer with a Quick Sets once it has been created, but you can also associate it when you create the Quick Sets.

1 Click the Tool menu - **Manage Preset** -  (Quick Sets).

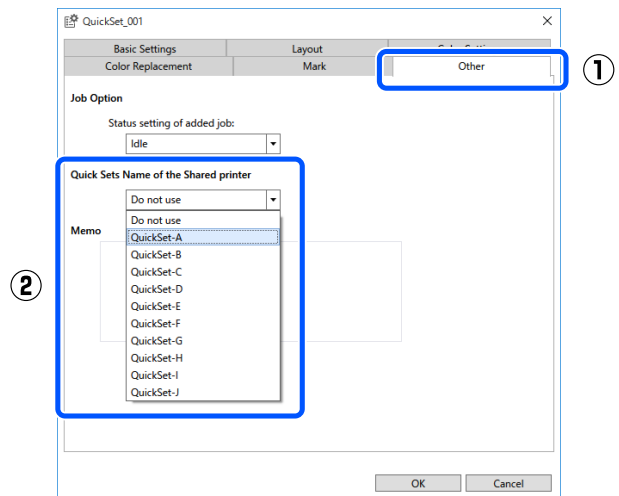
2 Select the Quick Sets from the list, and then click  (Edit).

A settings dialog box appears.

3 Click the **Other** tab, and then from the **Quick Sets Name of the Shared printer** list box select the Quick Sets name you want to associate with the Quick Sets in this software.

In **Quick Sets Name of the Shared printer**, you can select from 10 names, QuickSet-A to QuickSet-J.

Quick Sets names that have already been associated with other Quick Sets are not displayed.



4 Click **OK**.

The Quick Sets of this software is associated with the Quick Sets name of the shared printer.

See the following for detailed information about setting the associated Quick Sets.

 [“Printing from a Client to a Shared Printer” on page 155](#)

Printing from a Client to a Shared Printer

Once the RIP server and the client settings are complete, you can print from the client's image processing software.

This section explains how to perform printing from image processing software for Adobe.

Notes on printing on a shared printer

Print data that is being printed from the client on a shared printer is added to the Job List on the printer that has sharing settings enabled in this software.

Note the following points when using a shared printer.

Printing from Other Applications (Printer Sharing)

The RIP server and this software must be running.

When printing from the client, print data is not added to Job List unless the RIP server and this software are running.

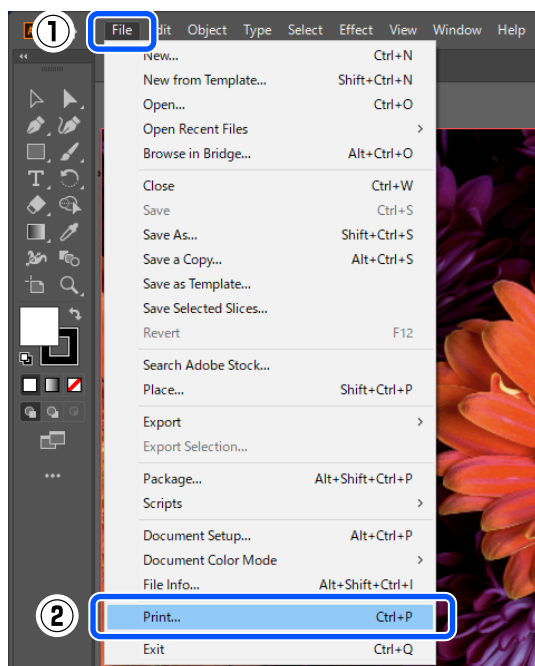
We recommend using a printer with sharing settings enabled as a dedicated shared printer.

If you set print data to Nest or Tiling on the Job List of a printer with shared settings enabled, then the print data from the client with shared settings enabled may interrupt the work that is in progress in some unexpected way.

Printing from Illustrator

In this section we use Adobe Illustrator 2020 as an example.

- 1 Start up Illustrator and open the print data.
- 2 Click **File - Print**.
The **Print** dialog box is displayed.



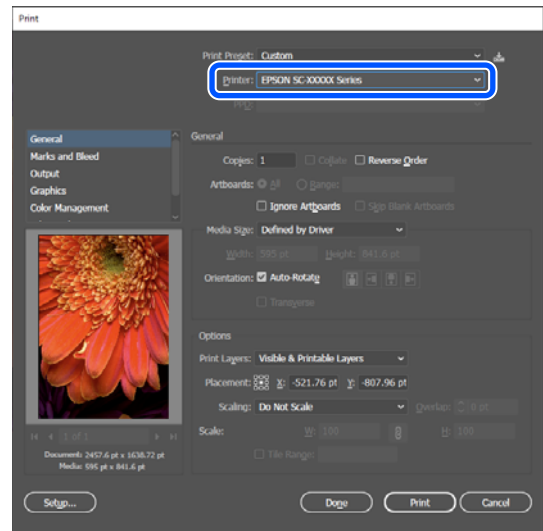
- 3 Select the shared printer from **Printer**.
To setup Quick Sets, go to step 4.
If you do not want to setup Quick Sets, go to step 11.

Note:

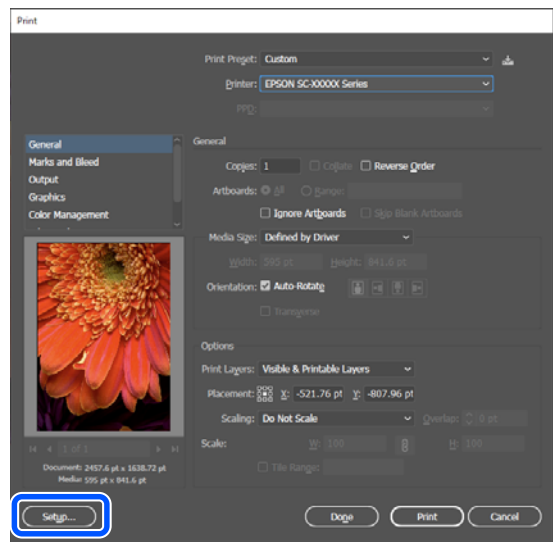
If you perform printing without setting up Quick Sets, the Quick Sets set as the default in this software is applied.

See the following for detailed information about the Quick Sets default settings.

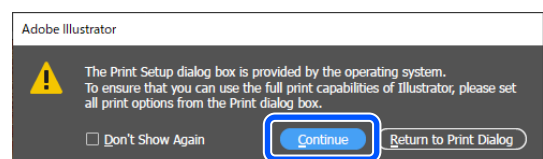
[“Setting Quick Sets as the default job settings” on page 127](#)



- 4 Click **Setup** at the bottom left.

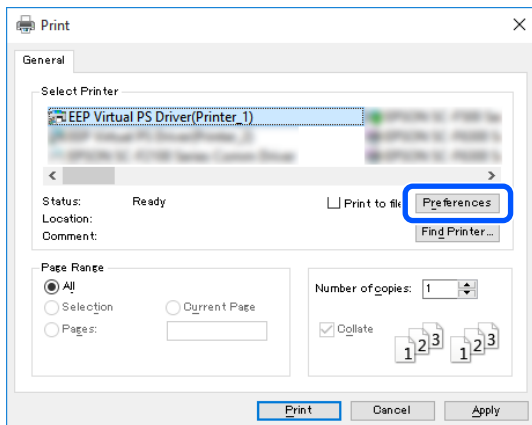


- 5 If a warning dialog box is displayed, click **Continue**.

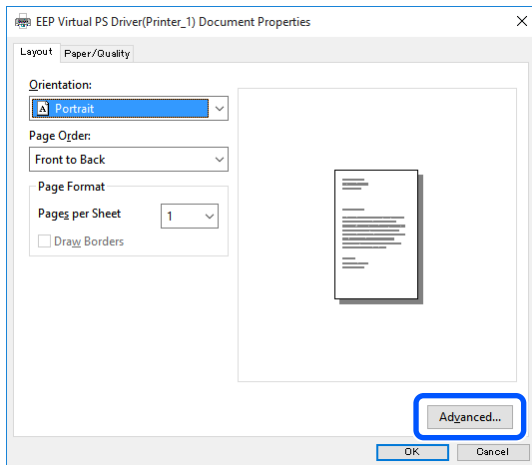


Printing from Other Applications (Printer Sharing)

6 Click **Preferences**.



7 Click **Advanced**.

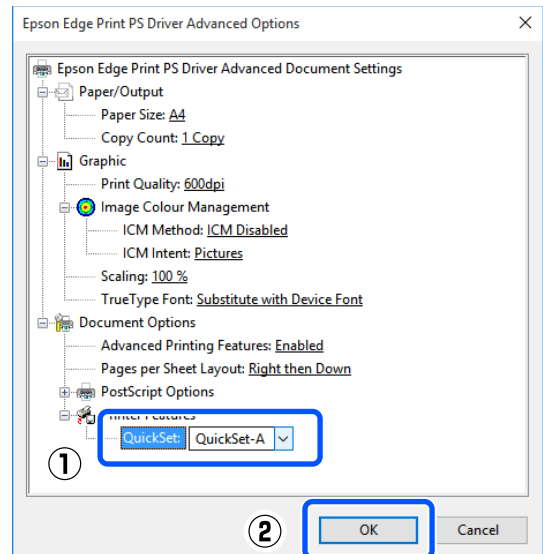


8 Select the Quick Sets name associated with the Quick Sets for this software in **QuickSet**, and then click **OK**.

You need to associate the Quick Sets name of the shared printer and the Quick Sets for this software in advance. See the following for details.

 [“Setting Quick Sets to Use with a Shared Printer” on page 155](#)

If you select a Quick Sets that has not been associated, the Quick Sets set as the default in this software is applied.



9 Click **OK**.

10 Click **Print**.

You are returned to the **Print** dialog box.

11 Click **Print**.

The print data is added to the Job List for the printer on which sharing settings have been enabled in this software.

Note:

See the following if your computer is running a Mac operating system and print data is not added to the Job List after clicking **Print**.

 [“Adding a Shared Printer Using an LPD Connection \(Mac\)” on page 159](#)

Printing from Photoshop

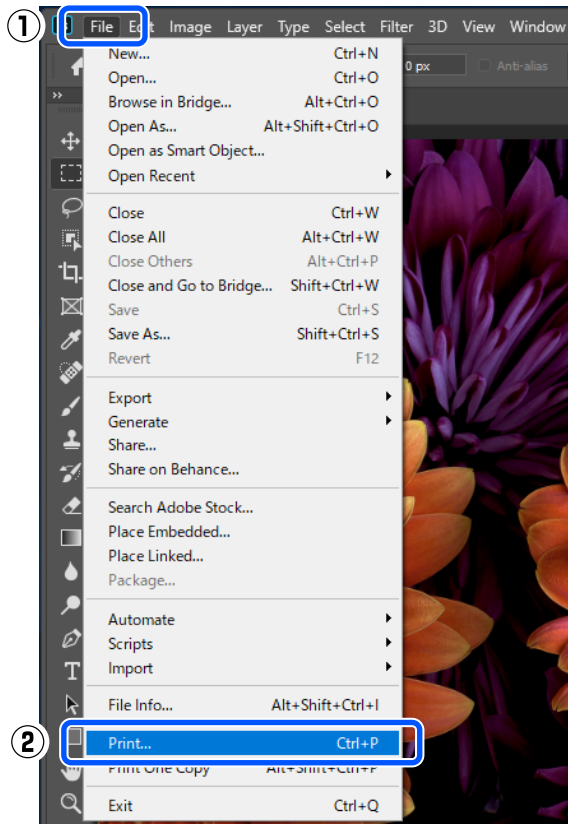
In this section we use Adobe Photoshop 2020 as an example.

1 Start up Photoshop and open the print data.

Printing from Other Applications (Printer Sharing)

2 Click File - Print.

The **Photoshop Print Settings** dialog box is displayed.



3 Select the shared printer from **Printer**.

To setup Quick Sets, go to step 4.

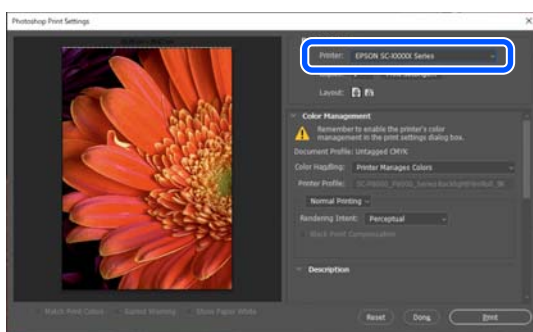
If you do not want to setup Quick Sets, go to step 8.

Note:

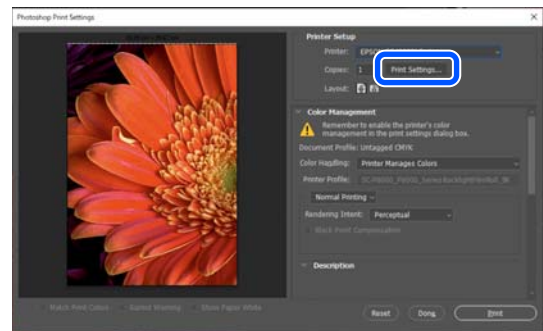
If you perform printing without setting up Quick Sets, the Quick Sets set as the default in this software is applied.

See the following for detailed information about the Quick Sets default settings.

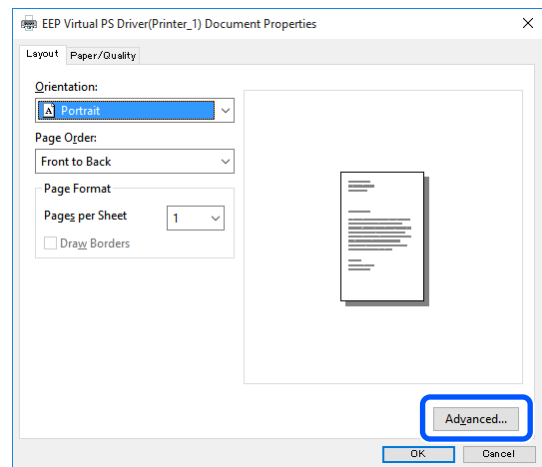
☞ "Setting Quick Sets as the default job settings" on page 127



4 Click Print Settings.



5 Click Advanced.



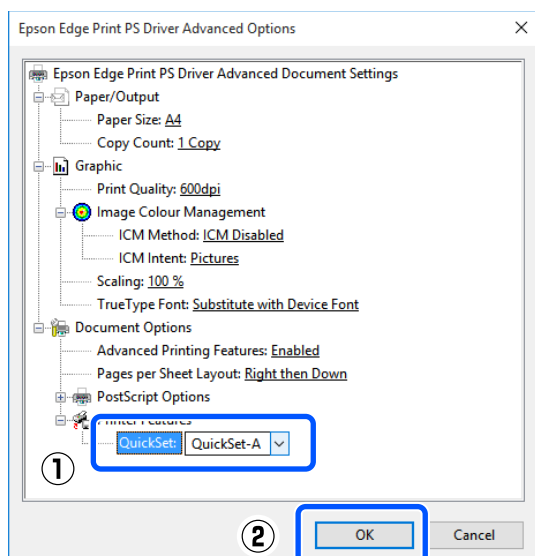
6 Select the Quick Sets name associated with the Quick Sets for this software in **QuickSet**, and then click **OK**.

You need to associate the Quick Sets name of the shared printer and the Quick Sets for this software in advance. See the following for details.

☞ ["Setting Quick Sets to Use with a Shared Printer" on page 155](#)

Printing from Other Applications (Printer Sharing)

If you select a Quick Sets that has not been associated, the Quick Sets set as the default in this software is applied.



7 Click **OK**.

You are returned to the **Photoshop Print Settings** dialog box.

8 Click **Print**.

The print data is added to the Job List for the printer on which sharing settings have been enabled in this software.

Note:

See the following if your computer is running a Mac operating system and print data is not added to the Job List after clicking **Print**.

🔗 [“Adding a Shared Printer Using an LPD Connection \(Mac\)” on page 159](#)

Adding a Shared Printer Using an LPD Connection (Mac)

The following settings are only available when the client computer is running a Mac operating system.

If the shared printer cannot be added to the client computer, or if print data is not added to the Job List when printing from the client by specifying a shared printer, change the connection method for the shared printer.

Preparing to change the connection method

Changing the RIP server settings

Follow the steps below to enable the LPD printing service on the RIP server (the computer on which this software is installed).

In this section we use Windows 10 as an example.

1 Click **Start - All Apps - Windows System - Control Panel - Programs**.

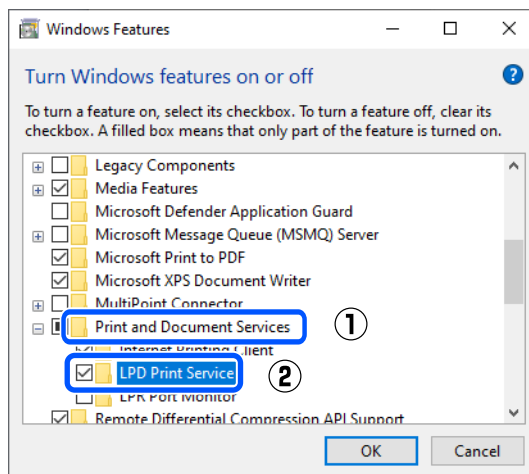
For Windows 11, click **Start - All apps - Windows Tools - Control Panel - Programs**.

For Windows 8.1, click **Desktop - Settings - Control Panel - Programs**.

2 Click **Turn Windows features on or off**.

The Windows Features dialog opens.

3 Double-click **Print and Document Services**, and then select **LPD Print Service**.



4 Click **OK**.

When the message **The necessary changes have been made.** is displayed, click **Close**.

Printing from Other Applications (Printer Sharing)

Deleting shared printers

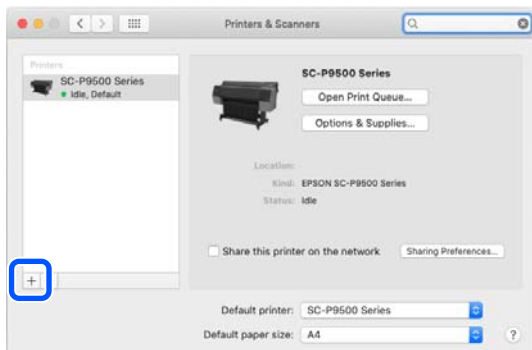
If you have already added a shared printer to the client computer, follow the steps below to delete the shared printer.

- 1 Click the Apple menu - **System Preferences - Printers & Scanners**.
- 2 Select the shared printer from the list of printers, and then click -.

Adding a shared printer using an LPD connection

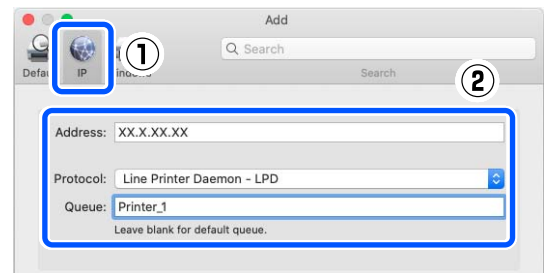
- 1 Download the PPD file from **Option File** on the software's download site (<https://support.epson.net/eep/>), and then run the installation.

Follow the on-screen instructions to complete the installation.
- 2 Click the Apple menu - **System Preferences - Printers & Scanners**.
- 3 Click +.

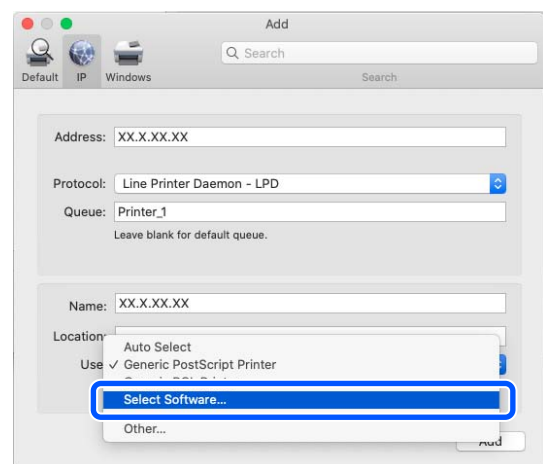


- 4 Click **IP** to set each of the following items.
 - ☐ **Address**
Enter the IP address of the RIP server.
 - ☐ **Protocol**
Select **LPD (Line Printer Daemon)**.
 - ☐ **Queue**
Enter the printer name for which sharing settings are enabled in this software.
See step 3 in the following link for more details on the printer name.

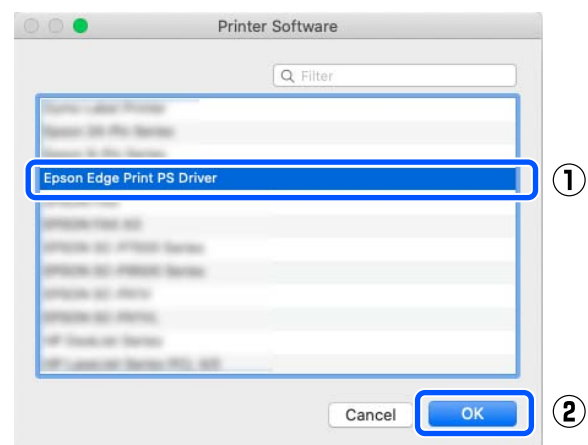
➞ “Enabling Printer Sharing Settings” on page 152



- 5 Choose **Select Software from Use**.
The **Printer Software** dialog box is displayed.



- 6 Select **Epson Edge Print PS Driver**, and then click **OK**.



- 7 Click **Add**.
A shared printer with an LPD connection is added to the client computer.

Printing Using Production Flow

The following features can only be used when you have registered an Epson Cloud Solution PORT account and have already purchased Production Flow from Marketplace in Epson Cloud Solution PORT. However, depending on your country and region, Epson Cloud Solution PORT and Production Flow may not be available.

By uploading job data created using this software to Production Flow, you can use printers that are not connected to your RIP server (the computer on which this software is installed). This allows you to send job data to a printer in a remote location for printing.

You need to make the following settings to use this feature.

- ☐ Make sure the printer you want to use and the RIP server are correctly connected and turned on.
- ☐ Epson PJ Agent for ECSP is set on the RIP server connected to the printer you want to use.
🔗 [Epson Cloud Solution PORT website](#)
- ☐ Your RIP server contains the model information for the model of the printer you want to use.
🔗 [“When you want to add models to use after installation” on page 144](#)
- ☐ The printer you want to use is registered in this software on your RIP server.
🔗 [“Registering a RIP Server and Unconnected Printers” on page 161](#)

See the following for details on uploading job data created using this software to Production Flow.

🔗 [“Uploading Jobs to Production Flow” on page 162](#)

Registering a RIP Server and Unconnected Printers

Register the printer you want to use for remote printing to this software.

- 1 Click on  (Login) on the main screen to log in to Epson Cloud Solution PORT.
If  (Logout) is displayed, you are already logged in to Epson Cloud Solution PORT.

- 2 Click Tool menu - **Preferences** -  (Printer) -  (Register) in this order.

A list of printers that are not registered to this software is displayed.

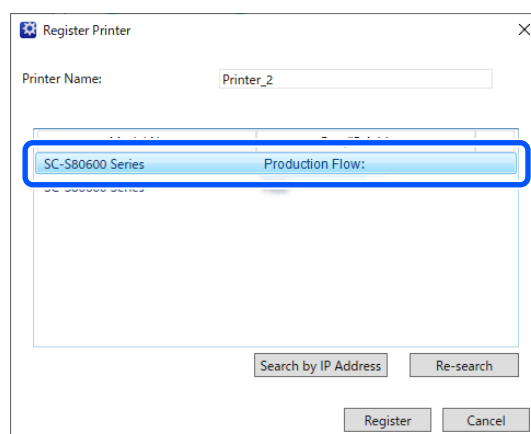
Note:

If the printer model you want to use is not displayed in the list, see the following to install the information for the model you want to add. After adding the printer, the added model will appear on the list as a supported model.

🔗 [“When you want to add models to use after installation” on page 144](#)

- 3 Select the printer you want from the list.

Select the printer that has **Production Flow** displayed in the **Port/IP Address** list.



The name shown in **Printer Name** is displayed on the printer switching tab of the main screen as the name of the printer registered in this software. Change the name as necessary.

Printing Using Production Flow

Note:

Any number of printers set in Production Flow can be registered to this software without limit.

4

Click **Register**.

When a printer set in Production Flow is registered,  is displayed on the status icon on the switch printer tab on the main screen.

Uploading Jobs to Production Flow

1

Click on  (Login) on the main screen to log in to Epson Cloud Solution PORT.

If  (Logout) is displayed, you are already logged in to Epson Cloud Solution PORT.

2

On the main screen, click the Printer tab for the printer you want to use.

Click the tab that has  displayed on the status icon on the switch printer tab.

3

Click  (Add) in the Job toolbar and add the print data to the Job List.
Or, drag and drop the print data onto the Job List.

The name of the data and a thumbnail for the print data that was added appear in the Job List.

4

Select the job you want to print in Job List, and then make various settings in the Job Settings menu.

Introduction to various functions 
[“Introduction to functions on the Job Setting menu” on page 17](#)

5

Click  (Upload) on the Job toolbar to upload the created job to Production Flow.

The Job Upload screen is displayed. For details on each item, see the online help for Production Flow.

 Epson Cloud Solution PORT website

Appendix

System Requirements

This software can be used in the following environments. (as of May 2025)

The supported OS and other elements may change.

For the latest information, see the Epson Web site.

Minimum Operating Environment

Operating system (OS)	Windows 11 Windows 10 x64
CPU	Intel® Core™ i3 3.0 GHz or faster (released after April 2014)
Free memory	8 GB or more
Hard disk drive (free space during installation)	50 GB or more
Communication interface	Hi-Speed USB Ethernet 100Base-TX/1000Base-T
Display resolution	1280 x 1024 or more

Use the Windows Pro edition when sharing the printer between a computer on which this software is installed (the RIP server) and other computers (clients) on the same network.

 [“Printing from Other Applications \(Printer Sharing\)” on page 151](#)

We recommend installing this software on a computer with high specifications, considering that you will also be running application software such as Adobe Illustrator.

Additionally, the data handled by this software is typically several GB and can increase to tens of GB when performing high-quality, long-format printing.

Therefore, we recommend using a computer with sufficient free storage space.

See the following section for the recommended environment when using this software.

Recommended Environment

Operating system (OS)	Windows 11 Windows 10 x64
CPU	Intel® Core™ i7-14700 processor or faster

Appendix

Free memory	32 GB or more
Storage (free space during installation)	SSD 1 TB or more
Communication interface	Hi-Speed USB Gigabit Ethernet
Display resolution	1280 x 1024 or more

Supported data formats

We have verified that print data in the following formats is supported. (as of May 2025)

Supported data formats may be added or changed.

For the latest information, see the Epson website.

Supported formats	Explanation
PS	PostScript Level3
EPS	Encapsulated PostScript Embed linked images.
PDF	The following versions are supported. Epson Edge Print PRO: Up to PDF 2.0 Epson Edge Print: Up to PDF 1.7 Adobe Extension Level3 However, password protected PDF files are not supported.
TIFF	Baseline and progressive are supported Supported compression formats: JPEG/LZW/ZIP/G3/G4 Multipage TIFF are supported The alpha channel is skipped for models not equipped with WH/MS or UV inks.
JPEG	Baseline and progressive are supported JPEG2000 is not supported
PNG	Baseline and progressive are supported The alpha channel is skipped for models not equipped with WH/MS or UV inks.
CALS-G4	CALS Type1 format is supported
PSD*	Photoshop Document PSB format, Layer format, 32 bit not supported PSD files created in Adobe Photoshop CC or later are recommended

* If you are using the SC-F10000H Series LcLm (with Light Cyan/Light Magenta inks installed) and you have registered an account for Epson Cloud Solution PORT.

Appendix

Supported colorimeters

The following spectrophotometers are supported.

Manufacturer Name	Product Name	Notes
Epson	SD-10	Cannot be used with Scan Measurement for spot color batch adjustments.  "Adjusting Spot Colors as a Batch" on page 82 This software also supports the optional Auto Color Chart Reading Portable Table. Only Scan Measurement is supported when performing spot color batch adjustments using the Auto Color Chart Reading Portable Table.
	i1 Pro3	-
X-Rite	i1 Studio	Cannot be used for spot color batch adjustments.  "Adjusting Spot Colors as a Batch" on page 82