

Garment Creator Operation Guide

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Introduction

Introduction

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Meaning of Symbols Used in this Guide

 Important	Indicates operations that must be performed. If operations indicated by this symbol are ignored or not performed correctly, the product may breakdown or malfunction.
Note	Indicates additional explanations or reference information.
	Indicates reference pages for related information.

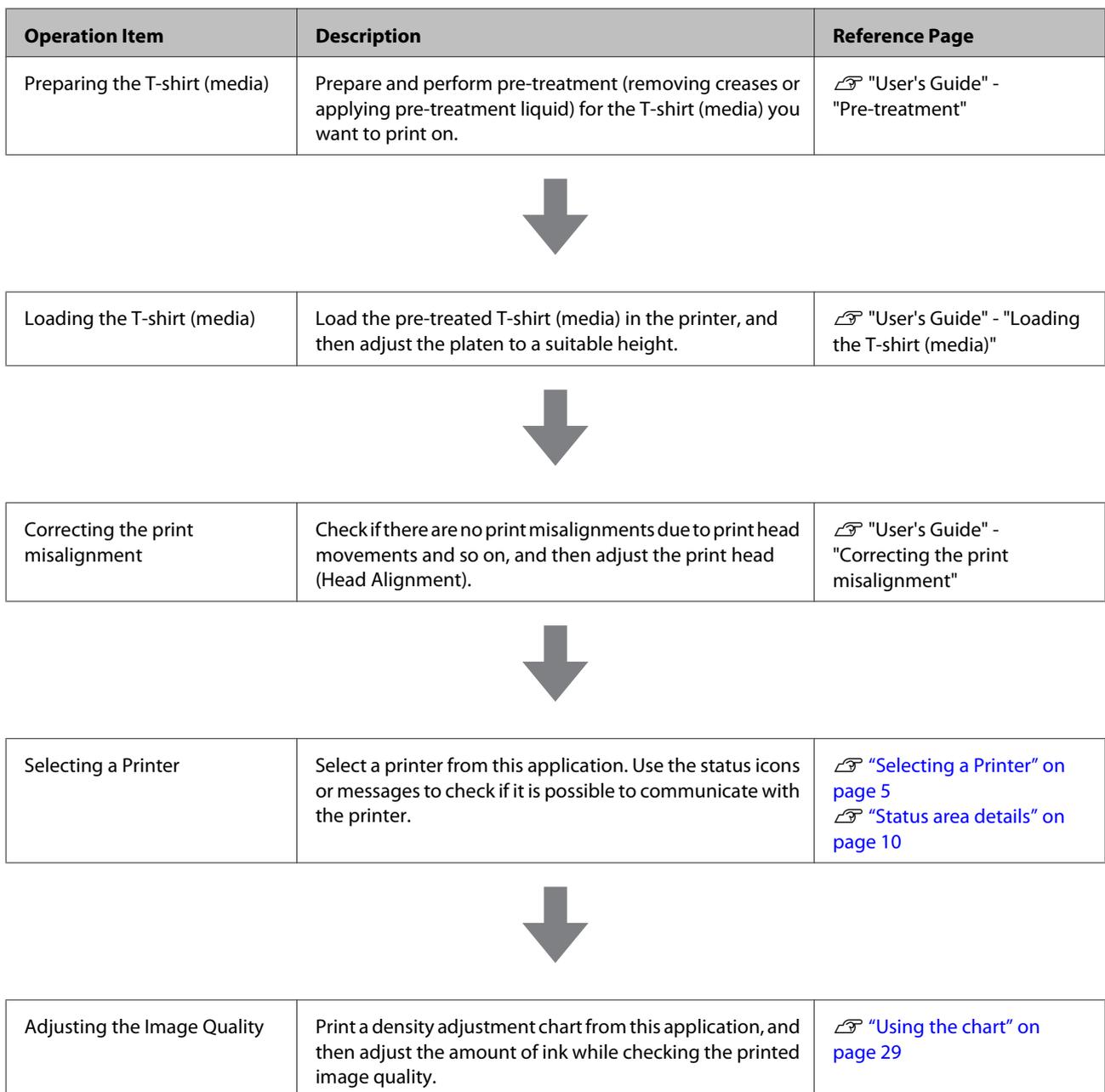
Workflow

Workflow

You need to adjust the output image quality before using the image data for printing. Once you have adjusted the image quality for the T-shirt (media), you can print using the image data.

Adjusting the Image Quality

This section explains the workflow from printing the chart that allows you to check the density to be used for the T-shirt (media) you want to print, to adjusting the image quality.



Workflow



Creating and Sending Data	After adjusting the output image quality, import the image data you want to print, and then send it to the printer.	🔗 "Creating and Sending Data" on page 5
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Selecting a Printer

For Windows users, before selecting a printer, check that a communication driver for a printer that supports this application is installed on the computer being used. If a communication driver is installed, the printer is listed in the printer's status area. Select a printer.

[🔗 "Status area details" on page 10](#)

Creating and Sending Data

This section explains the basic workflow before sending data to the printer, including creating data in drawing applications, and then making T-shirt (media) settings and setting the layout in this application.

Operation Item	Reference Page
Preparing Image Data	🔗 "Preparing Image Data" on page 6



Importing an Image	🔗 "Importing an Image" on page 12
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T-shirt (media) Settings	🔗 "T-shirt (media) Settings" on page 13
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Layout Settings	🔗 "Layout Settings" on page 14
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Sending Print Data	🔗 "Sending Print Data" on page 15
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Preparing Image Data

Preparing Image Data

This application supports images that meet the following conditions.

Image Format	TIFF (.tif, .tiff, .TIF, .TIFF)
	JPEG* ¹ (.jpg, .jpeg, .JPG, .JPEG)
	PNG (.png, .PNG)
	BMP (.bmp, .BMP)
Data Size	2 GB maximum
Color Mode	RGB (recommended), CMYK* ² , grayscale, binary image
Resolution (pixels)	360 dpi (recommended)
Color Space	sRGB (recommended)

*1 Data that contains transparency information is not supported.

*2 PNG and BMP formats are not supported.

Note:

*For dark color T-shirts such as black T-shirts, set the color mode in your drawing application to RGB, and then create data with transparency information. Also, select **Dark Color T-Shirt (Standard)** from **Garment Settings** in this application, and then print the under-base using White ink. We do not recommend printing directly onto dark T-shirts using only color ink, because the base-color of the fabric prevents the colors from developing and color reproduction cannot be guaranteed.*

The method for creating the most suitable image data varies according to the real base-color of the T-shirt (media). See the following for more details.

 [“For Light Color T-Shirts \(Including White T-Shirts\)” on page 7](#)

 [“For Dark Color T-Shirts” on page 8](#)

Preparing Image Data

For Light Color T-Shirts (Including White T-Shirts)

When creating data, we recommend setting the color mode in your drawing application to RGB.

If you select **Light Color T-Shirt (Standard)** from **Garment Settings** in this application, ink is not fired for the white pixel areas in RGB images (areas with a value of R, G, B = 255, 255, 255); these areas become the color of the fabric of the T-shirt.

Preparing Image Data

For Dark Color T-Shirts

We recommend setting the color mode in your drawing application to RGB, and then creating data that includes transparency settings.

If you select **Dark Color T-Shirt (Standard)** from **Garment Settings** in this application, White ink is used to print the under-base, and then color ink is printed on top.

Color or White ink is fired depending on the pixel values in the RGB image. You can set whether or not White ink is fired for areas with white pixel values (R, G, B = 255, 255, 255).

The ink usage or ink firing amount changes depending on whether or not there are transparency settings. See the following for more details.

 [“With transparency settings” on page 8](#)

 [“Without transparency settings” on page 8](#)

Without transparency settings

When printing RGB images, with the exception of white pixel value areas, the White ink is fired as the under-base with the color ink on top. The most suitable amount of White ink used for the under-base is automatically determined based on the print quality settings made in this application, and the RGB pixel values. Since pixel value areas that are very bright (except for white areas) can disappear into the base color of the T-shirt, the amount of White ink fired for these areas is increased.

With transparency settings

When the data being imported contains transparency settings, the amount of ink fired decreases depending on the transparency.

For white pixel value areas, the amount of White ink decreases depending on the transparency. When you want to print white gradation data, such as clouds, using White ink only, after applying white to the corresponding area, create data with a gradation on the transparency.

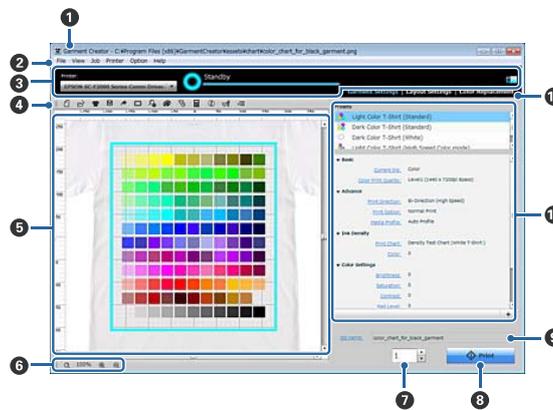
Importing the Image to Starting to Print

Importing the Image to Starting to Print

Before explaining the details for each item used in the workflow for "importing images" to "sending print data", we will explain the composition of the Main screen for this application. Before importing an image, check that a communication driver for a printer that supports this application is installed on the computer being used.

Screen Explanation

We will explain the composition of the main screen for this application by dividing it into areas. For more information on each area, see the reference pages provided in the explanations.



Item	Explanation	
1	Title bar	A path to the data currently being imported is displayed after the name of this application.
2	Menu bar	A drop-down menu for this application. See the following for a list of the menus. ☞ "Menu bar" on page 16
3	Status area	Displays the selected printer, the status of the printer, and the status of the USB memory. ☞ "Status area details" on page 10
4	Toolbar	Displays icons that indicate the content of each menu item. ☞ "Toolbar" on page 22
5	Preview area	Displays an image of how the output will look by applying the settings made for the image in the print settings area. ☞ "Preview area" on page 23

Importing the Image to Starting to Print

Item	Explanation								
<p>6 Preview area zoom</p>	<p>Allows you to enlarge or reduce the image in the preview area. You can drag & drop icons to place them where you want in the preview area.</p> <table border="1" data-bbox="608 369 1441 848"> <tr> <td data-bbox="608 369 834 568">  </td> <td data-bbox="834 369 1441 568"> <p>Click to display the following zoom ratios as a list. 25 %, 50 %, 75 %, 100 %, 150 %, 200 %, 300%, 400%, 600%, Fit Platen to Window</p> <p>In Fit Platen to Window, the zoom is adjusted so that the platen frame fits within the preview area window.</p> </td> </tr> <tr> <td data-bbox="608 568 834 656">xxx %</td> <td data-bbox="834 568 1441 656"> <p>Click to enter a zoom ratio number. You can set within a range of 25 to 600%. The default is 100%.</p> </td> </tr> <tr> <td data-bbox="608 656 834 743">  </td> <td data-bbox="834 656 1441 743"> <p>Click to change the display zoom ratio in the following stages.</p> </td> </tr> <tr> <td data-bbox="608 743 834 848">  </td> <td data-bbox="834 743 1441 848"> <p>25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 360, 420, 480, 540, 600</p> </td> </tr> </table>		<p>Click to display the following zoom ratios as a list. 25 %, 50 %, 75 %, 100 %, 150 %, 200 %, 300%, 400%, 600%, Fit Platen to Window</p> <p>In Fit Platen to Window, the zoom is adjusted so that the platen frame fits within the preview area window.</p>	xxx %	<p>Click to enter a zoom ratio number. You can set within a range of 25 to 600%. The default is 100%.</p>		<p>Click to change the display zoom ratio in the following stages.</p>		<p>25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 360, 420, 480, 540, 600</p>
	<p>Click to display the following zoom ratios as a list. 25 %, 50 %, 75 %, 100 %, 150 %, 200 %, 300%, 400%, 600%, Fit Platen to Window</p> <p>In Fit Platen to Window, the zoom is adjusted so that the platen frame fits within the preview area window.</p>								
xxx %	<p>Click to enter a zoom ratio number. You can set within a range of 25 to 600%. The default is 100%.</p>								
	<p>Click to change the display zoom ratio in the following stages.</p>								
	<p>25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 360, 420, 480, 540, 600</p>								
<p>7 Number of Prints</p>	<p>Set the number of copies to be printed within a range of 1 to 250.</p> <p>Set using one of the following methods.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons 								
<p>8 Print button</p>	<p>Sends print data to the selected printer. This is not available if the Printer Status is Off-line.</p> <p> "Sending Print Data" on page 15</p>								
<p>9 Job name</p>	<p>Allows you to change the name of the job to be sent to the printer. Click Job name to enter a name in the text box.</p> <p>There is a limit to the number of characters that can be displayed on the printer. See the manual supplied with the printer for more details.</p>								
<p>10 Print settings area</p>	<p>Displays details for each item selected from the Print settings menu.</p> <p>You can set the type and quality of the T-shirt, as well as make layout and color replacement settings.</p>								
<p>11 Print settings menu</p>	<p>When you click an item, the details for that item are displayed in the print settings area. See the following for more details on each item.</p> <p> "T-shirt (media) Settings" on page 13</p> <p> "Layout Settings" on page 14</p> <p> "Color Replacement Items" on page 35</p>								

Status area details

This section explains details about the status area.



Importing the Image to Starting to Print

Item	Explanation	
①	Printer list	Displays as a list any printer communication drivers that are installed on the computer and that support this application. Select the printer that you want to use from the list.
②	Status icon	 <p>Cannot communicate with the printer because it is not turned on and so on.</p>
		 <p>A printer error has occurred. Check the message displayed on the printer's control panel screen. See the manual supplied with the printer for details on clearing the error.</p>
		 <p>A message is displayed on the printer's control panel screen. Check the content of the message, and take the necessary actions.</p> <p>You can send print data from this application at any time, except when the message Updating firmware... or Panel operating or maintenance working... is displayed.</p>
		 <p>The printer is performing operations such as printing or cleaning, or it is standing by. The icon rotates when the printer is operating.</p> <p>You can send print data from this application.</p>
③	Printer status	The status of the printer is displayed in a message.
④	Progress bar	Displays the progress of creating the print data.
⑤	USB memory status	The icon lights up when the printer recognizes a USB memory.

See the following for more details on each step from importing images to sending print data.

 [“Importing an Image” on page 12](#)

 [“T-shirt \(media\) Settings” on page 13](#)

 [“Layout Settings” on page 14](#)

 [“Sending Print Data” on page 15](#)

Importing the Image to Starting to Print

Importing an Image

Import the image data you want to print onto a T-shirt. Images that can be imported include image formats supported by this application, as well as prn data* (print data) and gcr data (data unique to this application). Data can be imported by any of the following methods.

*Limited to data created by this application.

From the Menu bar

Click **File - Import - Image**, or **File - Open**, and then select the data you want to print.

 [“File” on page 16](#)

From the Toolbar icons

Click the **Open** toolbar icon, and then select the data you want to print.

 [“Toolbar” on page 22](#)

Drag and drop

Drag and drop image data to one of the following areas.

- Preview area
- The shortcut icon for this application
- The executable file for this application

Double-click a file

When you double-click a gcr data file (unique to this application), this application starts and the data is imported.

Importing the Image to Starting to Print

T-shirt (media) Settings

Select the type of T-shirt (media) that you want to print on. This application provides the following four types by default.

- Light Color T-Shirt (Standard)
- Dark Color T-Shirt (Standard)
- Dark Color T-Shirt (White)
- Light Color T-shirt (High Speed Color mode*)

*Select this mode the first time the printer is setup.

See the following for more details on each type.

 [“Garment Settings Items” on page 25](#)

As well as the types mentioned above, you can register detailed settings such as selecting the ink, setting the print quality, adjusting the ink amount, and correcting the color to match the T-shirt (media) you want to use.

 [“Menu icons” on page 26](#)

Importing the Image to Starting to Print

Layout Settings

You can set how image data that has been imported is arranged on the T-shirt. Using the standard layout, the center of the platen (M size) attached to the printer, and the center of the image data are arranged so that they overlap.

Change the platen size, or reduce/enlarge, rotate, and flip the image data as necessary to create the layout.

Note:

In the preview area, you can set the T-shirt image as the standard background, or you can display grid lines. See the following for more details.

 ["View" on page 17](#)

Importing the Image to Starting to Print

Sending Print Data

Once you have decided the layout for the image data, you can send the data to the printer. You can also save it to your computer as job data.

Print

Click the **Print** button at the bottom-right of the main screen in this application to send the data to the selected printer.

Repeat printing

When a USB memory stick is connected to the printer, data is saved to the USB memory stick with the file name "Epson_repeat_print.prn", and then printing starts. Even when printing is complete for the sent data, the printer stands by to repeat printing for the data saved on the USB memory stick (a message is displayed indicating that you should load a T-shirt, and then press the  button).

**Important:**

If you click the Print button to send print data that has different print settings or image data, while the USB memory stick is connected, the print data overwrites the previous data on the USB memory stick with the file name "Epson_repeat_print.prn".

Note:

See the manual supplied with the printer to check the specifications for supported USB memory sticks.

Export File

Click **File - Export File** on the Menu bar, or click the export file icon on the toolbar to export the print data to the computer.

 ["File" on page 16](#)

Explaining Each Screen

Explaining Each Screen

This section explains the items and functions for each screen.

Menu bar

This section explains the menu bar at the top of the main screen.

File

Item	Explanation	
New	Select the platen size and Media Settings , and then create a new preview area.	
Open	Opens data that for which Garment Settings and Layout Settings have already been made. A screen where you can select the file format unique to this application (.gcr) is displayed. Select the data you want to edit or print, and then click the Open button.	
Save As	Select what to save.	
	Work data	Displays a screen where you can save the current operations displayed in the preview area. Select the destination where you want to save the file, enter a file name, and then click the Save button. The data is saved in a format unique to this application (.gcr).
	Only image	Displays a screen that allows you to save edited images only. Select the destination where you want to save the file, enter a file name, and then click the Save button.
Import	Imports each of the following items and displays them in the preview area.	
	Image	Displays a screen where you can select image data. Select the image you want to print, and then click the Open button.
	Background Image	Displays a background image in the preview area. An image of a T-shirt is used as the background image. Click to display the folder in which the background images are saved. Select an image and then click the Open button, the selected image is displayed as the background in the preview area. If you do not want to display a background image, select View or the Guide View icon, and then clear the Background Image check box.
	Black Garment Chart	Prepares a color chart that allows you to check colors when printing on a T-shirt. Click to display the color chart in the preview area. Load the T-shirt for which you want to check the color, and then print.
	White Garment Chart	
Print File	Displays a screen where you can select a print file. Select the print file you want to import, and then click the Open button.	

Explaining Each Screen

Item	Explanation	
Export File	Select the export location for the print data.	
	Computer	Displays a screen where you can select where the file is saved. Once you have selected the destination and entered a file name, click the Save button to save the job data.
	Printer USB memory	Saves data to the USB memory stick connected to the printer. A time stamp created by the printer's internal time is used as the saved file name. This item is only available while the printing is standing by. This is unavailable when the printer is operating or is off-line.
Exit	Closes Garment Creator.	

View

Item	Explanation	
Preview Mode	<p>Displays how image data will be printed in Full Color or White in the preview area. The selected item changes depending on the T-shirt (media) settings selected; if a T-shirt that uses White ink is selected, White is displayed in the menu.</p> <p>If White is selected when the selected T-shirt type uses White and color ink, you can check the layer of White ink printed as the under-base.</p>	
Guide View	Background Image	When this item is selected, the image set in Background Image Layout is displayed in the preview area.
	Grid Lines	When this item is selected, grid lines are displayed in the preview area. See the following to change the distance between the grid lines. 🔗 "Grid Print Area" on page 50
	Print Range (Platen Frame)	When this item is selected, the printable area (platen frame) is displayed in the preview area. You can change the color of the platen frame in Platen Frame Color .
	Background Link with Media Preset	When this item is selected, a background suitable for the type selected in Media Settings is automatically displayed in the preview area.
View Color	Background Color	Changes the background color. Click to display the Color Setting screen. See the following for more details on changing the color. 🔗 "Color Setting screen details" on page 19
	Grid Line Color	Changes the grid lines color. Click to display the Color Setting screen. See the following for more details on changing the color. 🔗 "Color Setting screen details" on page 19
	Platen Frame Color	Changes the platen frame color. Click to display the Color Setting screen. See the following for more details on changing the color. 🔗 "Color Setting screen details" on page 19

Explaining Each Screen

Item	Explanation
Zoom	<p>Click to display the following zoom ratios as a list. 25 %, 50 %, 75 %, 100 %, 150 %, 200 %, 300%, 400%, 600%, Fit Platen to Window</p> <p>In Fit Platen to Window, the zoom is adjusted so that the platen frame fills the preview area window.</p>

Explaining Each Screen

Color Setting screen details

Item	Explanation
Standard tab	Displays the color chart. ↗ "Standard" on page 19
User Setting tab	Displays the select area for color tone or brightness, or the input area for R/G/B values or Hex (hexadecimal number). ↗ "User Setting" on page 20
New	Displays the color after selection.
Current	Displays the color before selection.
R	You can set a value for each R/G/B color within a range of 0 to 255.
G	
B	
Hex	You can set RGB values using hexadecimal numbers (within a range or 000000 to ffffff).
Cancel button	Cancels settings and returns to the original screen.
Save button	Saves the settings and returns to the original screen.

Standard

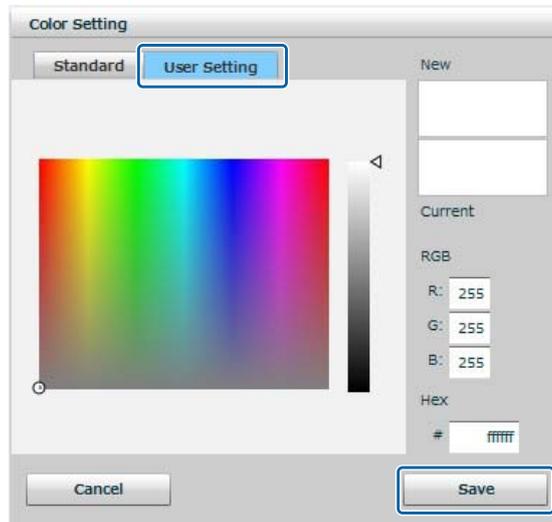
Click the **Standard** tab to display the following color chart screens. Click the color you want to change, and then click the **Save** button to reflect the changes.



Explaining Each Screen

User Setting

Click the **User Setting** tab to display the following settings screen. Click the color you want to change, and then click the **Save** button to reflect the changes.



Item	Explanation
Color tone selection area	Click the area of the color you want to change.
Brightness selection area	Click within the area. Or move the arrow up and down.

Job

Item	Explanation
History	Allows you to check a list of jobs that have been printed from this application, and the details for each job. 🔗 "History" on page 39
Estimate	Allows you to estimate the cost when printing an image using the current print settings. 🔗 "Estimate" on page 42

Printer

Item	Explanation	
Printer Status	Displays the status of the selected printer with messages and icons. The status display for the waste ink bottle and the cartridges is the same as the control panel on the printer. See the manual supplied with the printer for more details.	
	<table border="1"> <tr> <td>Close button</td> <td>Closes the Printer Status screen and returns to the main screen.</td> </tr> </table>	Close button
Close button	Closes the Printer Status screen and returns to the main screen.	

Explaining Each Screen

Item	Explanation	
Maintenance	Allows you to print a nozzle check pattern or perform head cleaning for the selected printer.	
	Nozzle Check	Click to print a nozzle check pattern for the selected printer. Load paper in the printer, and then press the  button.
	Head Cleaning	Click to start head cleaning using All Nozzles (medium) for the selected printer.

Option

Item	Explanation
Configuration	Allows you to make settings such as the display language for this application and Preview Settings items.  "Configuration" on page 49

Help

Item	Explanation
Help	Displays the help for this application.
Version	Displays the version of this application.

Explaining Each Screen

Toolbar

Displays shortcut icons for each top menu function from the menu bar. You can drag and drop the icons as necessary, and anchor them at the top or bottom of the preview area. The function for each icon is the same as each item on the menu bar. See the menu bar content for more details.

Top menu	Icon	Function name	Reference page
File		New	🔗 "File" on page 16
		Open	
		Background Image	
		Save As	
		Export File	
View		Preview Mode	🔗 "View" on page 17
		Guide View	
		View Color	
Job		History	🔗 "Job" on page 20
		Estimate	
Printer		Printer Status	🔗 "Printer" on page 20
		Maintenance	
Option		Configuration	🔗 "Option" on page 21

Explaining Each Screen

Preview area

This section explains the operation methods for the preview area.

You can adjust the image quality for the preview area on the **Option - Configuration - Grid Print Area** tab.

[🔗 “Grid Print Area” on page 50](#)

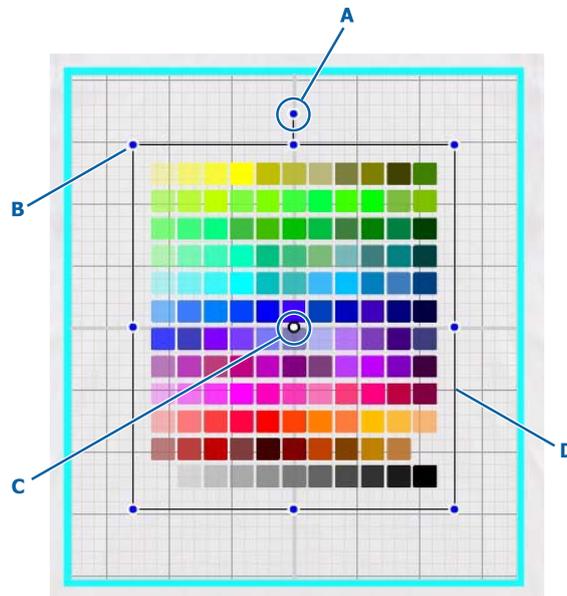
Preview area operations

The preview area zoom can be operated with a mouse as well as from the menu or icons.

Description	Mouse Operations
Enlarge/Reduce	Rotate the mouse wheel in the preview area.
Move the Entire Area	Drag while holding down the right mouse button.
Slide Vertically	Rotate the mouse wheel on the vertical scroll bar.
Slide Horizontally	Rotate the mouse wheel on the horizontal scroll bar.

Image Operations

You can perform operations on images imported into the preview area.



- A: Rotation anchor
- B: Enlarge/Reduce anchor
- C: Center
- D: Image frame

Explaining Each Screen

Description	Mouse Operations
Move	Drag, or press the arrow keys on the keyboard. While holding down the Shift key, drag the image to slide it vertically and horizontally.
Enlarge/Reduce	Position the mouse cursor on the Enlarge/Reduce anchor, and then drag.
Rotate	Position the mouse cursor on the rotation anchor, and then drag. You can rotate in 90 degree steps.
Flip	Vertical axis: Position the mouse cursor on one of the Enlarge/Reduce anchor points on the right edge of the image, and then drag it from right to left over the center point. Horizontal axis: Position the mouse cursor on the rotation anchor, and then drag it from top to bottom over the center point.
Release operations	Click outside the image frame.

Background Image Operations

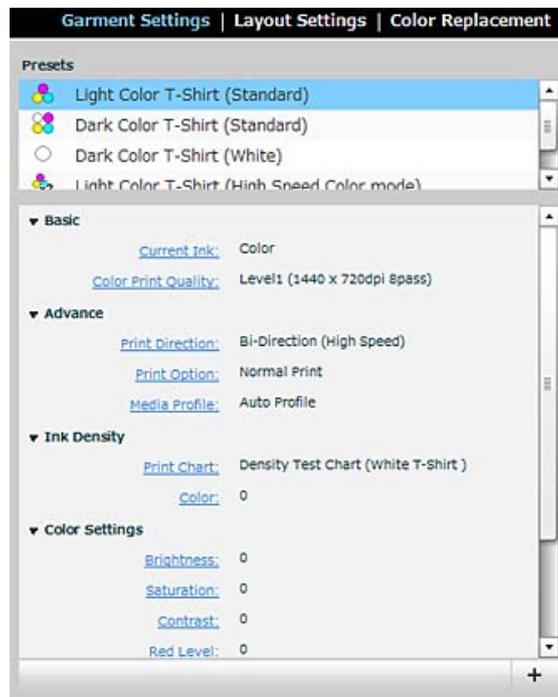
While a Background Image is displayed, double-click the Background Image to perform operations. The operation method is the same as making image operations.

Explaining Each Screen

Garment Settings Items

This section explains the media setting items displayed on the right-hand side of the main screen.

You can set and register the ink and image quality you want to use for the T-shirt (media) to be printed.



Presets

Displays the type of T-shirt (media). This application provides the following four types by default. Double-click or right-click one of the types to display menu icons such as Add and Delete.

Item	Explanation
Light Color T-Shirt (Standard)	This setting is suitable when printing using color ink only. Ink is not fired for the white pixel areas of the image data (areas with a value of R,G,B = 255, 255, 255); these areas become the color of the fabric of the T-shirt.
Dark Color T-Shirt (Standard)	This setting is suitable when printing using color ink and White ink. After printing an under-base using White ink, color ink is printed on top. Color or White ink is fired depending on the pixel values in the image data. White ink is fired onto the white pixel value (R, G, B = 255, 255, 255) areas.
Dark Color T-Shirt (White)	This setting is suitable when printing using White ink only. White ink is also fired depending on the pixel values in the image data. White ink is fired onto the white pixel value (R, G, B = 255, 255, 255) areas as well.
Light Color T-shirt (High Speed Color mode)	This setting is suitable when printing using the high-speed color mode set during setup.

Explaining Each Screen

Menu icons

Displays the menu for managing T-shirt (media) types.

Item	Explanation
 Add current setting	Select to register item adjustments made to the current type in Presets. When selected, a screen is displayed where you can enter a name. After entering a name, click the Save button. The name is registered in the list of Presets.
 Delete	Deletes the selected type.
 Overwrite	Select to register the type that you want to adjust from the types that have already been registered in Presets. When selected, a screen is displayed where you can enter a name. To overwrite, click the Save button. If you want to register using a different name, click the Save As button. The name is registered in the list of Presets.
 Copy	Select to copy the content for the selected type, and create a new type in Presets with the name "Copy + selected type name".
 Sort	Sorts the T-shirt (media) types. As well as Sort by date or Sort by name , you can also sort by Ascending Order or Descending Order .

Garment Settings screen details

Details for the type you selected are displayed under Presets. When you click an item, the details for that item are displayed.

Item	Explanation
Basic	Allows you to select the ink you want to use and the print quality.  "Basic" on page 27
Advance	Allows you to set special items such as Print Direction and Double-strike (x2).  "Advance" on page 27
White Management	Allows you to set items related to White ink printing, such as under-base settings and the treatment of white pixels on the image.
Ink Density	Allows you to adjust the density of the White ink and the color ink.  "Ink Density" on page 28
Color Settings	Allows you to fine tune the hue and brightness.  "Color Settings" on page 30

Explaining Each Screen

Basic

Item	Explanation	
Current Ink	Select the ink you want to use with the printer.	
	Color	Prints using Cyan, Magenta, Yellow, and Black ink. Ink is not fired for the white pixel areas of the image data (areas with a value of R, G, B = 255, 255, 255); these areas become the color of the fabric of the T-shirt. This type of printing is suitable for light color T-shirts (including white T-shirts).
	White + Color	Prints using White, Cyan, Magenta, Yellow, and Black ink. After printing an under-base using White ink, color ink is printed on top. Color or White ink is fired depending on the pixel values in the image data. White ink is fired onto the white pixel value (R, G, B = 255, 255, 255) areas. This type of printing is suitable for dark color T-shirts.
	White	Prints using White ink only. This type of printing is suitable for black and white images.
	Color (Dual)	Select when the printer you are using is set to use high-speed color mode. Prints using a combination of colors (Cyan, Magenta, Yellow, and Black ink).
Color Print Quality	Allows you to set whether to prioritize speed or quality. When Quality is selected in White Print Quality , White ink is printed in layers (twice). Available levels vary depending on the type settings.	
White Print Quality		

Advance

Item	Explanation	
Print Direction	Select the direction the print head moves when printing.	
	Bi-Direction (High Speed)	Prints when the print head moves in both directions.
	Uni-Direction (Low Speed)	Prints when the print head moves in one fixed direction. Although printing in one direction improves the print quality, the print speed decreases. Try this setting if you notice any print misalignments or unevenness in color and so on.
Print Option	This is available when Color or Color (Dual) is selected in Current Ink . This option adds unique printing results.	
	Normal Print	Performs standard printing.
	Double-strike (x2)	Prints the data once, and then prints over it again. This setting is suitable if you notice the ink is not soaking in sufficiently when printing with one strike only, or if you want the colors to be more vivid.
	Ink Blot Reduction	Prints Yellow first, and then prints the remaining colors Cyan, Magenta, and Black. This setting is useful if inks are mixed causing blurring.

Explaining Each Screen

Item	Explanation	
Media Profile	Select the ICC profile you want to use.	
	Auto Profile	Uses the standard profile provided by this application.
	User Profile	When selected, a screen is displayed where you can set an ICC profile. Select the profile you want to use, and then click the Open button.

White Management

Item	Explanation	
Treatment of White Pixel	This is available when White + Color is selected in Current Ink . Set how to treat the white pixel value areas (R, G, B = 255, 255, 255) of the image data that has been imported.	
	White Ink	Fires White ink onto the white pixel value areas (R, G, B = 255, 255, 255) of the image data that has been imported.
	Background (Transparent)	The white pixel value areas (R, G, B = 255, 255, 255) of the image data that has been imported are treated as a background, and White ink is not fired.
Reduce White Area	<p>Prevents the under-base from protruding beyond the edges of the color print.</p> <p>This is available when White + Color is selected in Current Ink from the Basic items. The bigger the value, the bigger the white under-base area to be reduced. (Reduce).</p> <p>You can specify the amount (width) by which to reduce the under-base area within a range of 0 to 20 (pixels). The default is 2. Adjust using one of the following entry methods.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons <input type="checkbox"/> Move the slider to the left or right <input type="checkbox"/> Click at a point on the slider bar 	
Under White	<p>Normally, use ON.</p> <p>Select OFF when a dark color T-shirt is selected and you want to make the best use of the color tones of the fabric being used. However, printed areas that are not White becomes less resistant to washing and friction.</p>	

Ink Density

Allows you to specify the density (amount) of ink used for printing. You cannot check the adjustment results in the preview.

Item	Explanation
Print Chart	<p>Creates a chart that allows you to check the density of the ink fired onto the T-shirt (media). Click to print a chart suitable for the type of T-shirt (media) selected. Load the T-shirt for which you want to adjust the amount of ink, and then print a chart. The chart is not displayed in the preview area.</p> <p>See the following for details on using the printed chart.</p> <p> "Using the chart" on page 29</p>

Explaining Each Screen

Item	Explanation
Color	<p>This is available when anything except White is selected in Current Ink from the Basic items.</p> <p>You can set the density of the ink within a range of -50 to +100 %. The default is 0. Adjust using one of the following entry methods.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons <input type="checkbox"/> Move the slider to the left or right <input type="checkbox"/> Click at a point on the slider bar
White	<p>This is available when White + Color or White is selected in Current Ink from the Basic items.</p> <p>You can set the density of the ink within a range of -50 to +100 %. The default is 0. Adjust using one of the following entry methods.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons <input type="checkbox"/> Move the slider to the left or right <input type="checkbox"/> Click at a point on the slider bar

Using the chart

There are two chart patterns. View the print results and check for the pattern that is least blurred or has the best density, and then change the ink amount to the value above or to the left of the pattern.

- 1** Select the type of T-shirt (media) for which you want to check the ink density from the **Garment Settings** items.

A suitable chart is selected automatically when you set the T-shirt (media) type.

- 2** Make sure the T-shirt (media) for which you want to check the ink density is loaded in the printer, and that you have performed pre-treatment and height adjustments.

 "User's Guide"

- 3** Click **Ink Density - Print Chart**, and then click **Yes**.

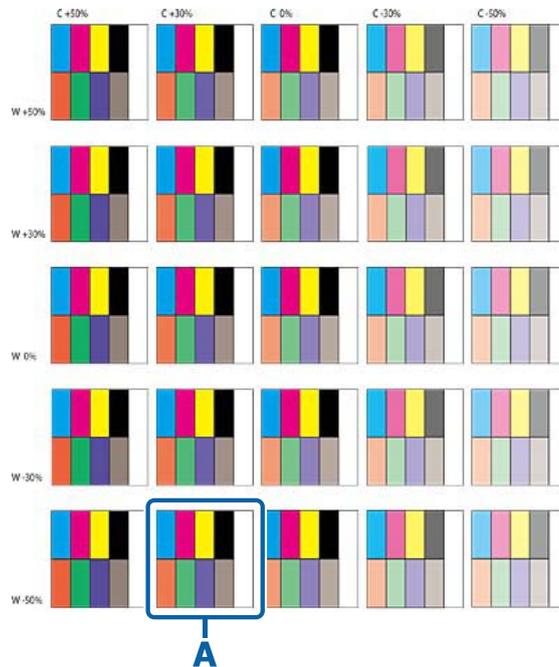
A chart is printed for the loaded T-shirt (media).

Explaining Each Screen

4 Adjust the values for the **Ink Density** while checking the print results.

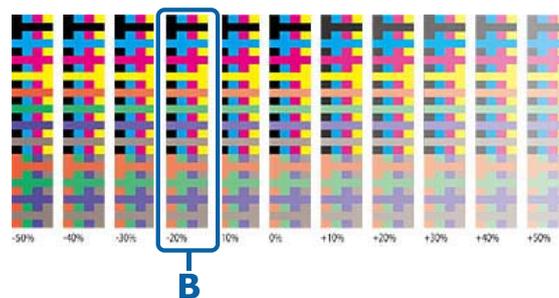
For dark colors

For example, if you want to adjust to the pattern in A, change the **Color** to "+30%" and the **White** to "-50%" in **Ink Density**.



For light colors

For example, if you want to adjust to the pattern in B, change the **Color** to "-20 %" in **Ink Density**.



["Ink Density" on page 28](#)

5 Register the results of the adjustment to Presets if necessary.

["Menu icons" on page 26](#)

Color Settings

Note:
Adjustments made in **Ink Density** and **Color Replacement** are given priority over the settings in this item.

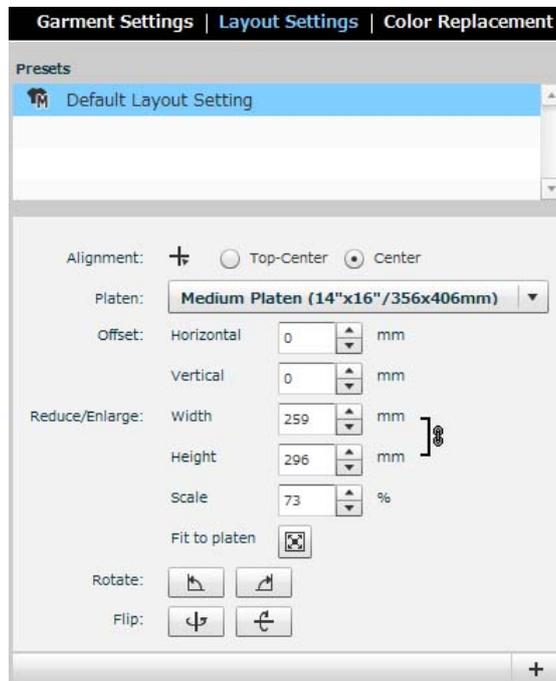
Explaining Each Screen

Item	Explanation
Saturation	You can set each item within a range of -100 to +100.
Brightness	Adjust using one of the following entry methods.
Contrast	<input type="checkbox"/> Enter the number manually
Red Level	<input type="checkbox"/> Enter using the ▲/▼ buttons
Green Level	<input type="checkbox"/> Move the slider to the left or right
Blue Level	<input type="checkbox"/> Click at a point on the slider bar

Explaining Each Screen

Layout Settings Items

This section explains the screens that are displayed when you click one of the **Layout Settings** items displayed on the right of this application.



Presets

Allows you to register a layout settings type. The following values are registered as the default layout setting.

- Alignment:** Center
- Platen:** M size
- Offset:** 0
- Scale:** 100%

Double-click or right-click the Layout Settings type to display menu icons such as Add and Delete.

Menu icons

Item	Explanation
Add current layout	Select to register item adjustments made to the current layout in Presets. When selected, the Layout Settings screen is displayed. After entering a name, click the Save button. The name is registered in the list of Presets.
Delete	Deletes the selected layout.

Explaining Each Screen

Item	Explanation
 Overwrite	Select to register the layout that you want to adjust from the layout that have already been registered in Presets. When selected, the Layout Settings screen is displayed. To overwrite, click the Save button. If you want to register using a different name, click the Save As button. The name is registered in the list of Presets.
 Copy	Copies the content for the selected type, and displays the Layout Settings screen. Change the name if necessary, and then click the Save button. The name is registered in the list of Presets.
 Sort	Sorts the Presets list. As well as Sort by date or Sort by name , you can also sort by Ascending Order or Descending Order .

Layout Settings screen details

Details for the Layout Settings type you selected are displayed under Presets.

Item	Explanation	
Alignment	Set the layout position for the image data.	
	Top-Center	Positions the image data at the top-center of the printable area (platen frame).
	Center	Positions the image data so that the center of the printable area (platen frame) and the center of the image data overlap.
Platen	Select the platen size you want to use for printing.	
Offset	Set the layout position for the image data. You can set within a range of -9999 to 9999 mm. The default is 0. Set using one of the following input methods. <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons	
	Horizontal	Adjusts the position horizontally. Enter a positive (+) value to move the image data to the right, and a negative (-) value to move it to the left.
	Vertical	Adjusts the position vertically. Enter a positive (+) value to move the image data down, and a negative (-) value to move it up.

Explaining Each Screen

Item	Explanation	
Reduce/Enlarge	<p>You can change the size of the image data using one of the following methods.</p> <p>Except for the Fit to platen button, make adjustments using one of the following methods.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons 	
	Width	You can set within a range of 0 to 9999. The default value is the size of the image data that has been imported.
	Height	Since they are joined, when either value is changed, the other value also changes.
	Scale	You can set within a range of 0 to 9999. The default is 100.
	 Fit to platen button	Based on the selected Alignment , this function automatically enlarges or reduces the image data so that it fits within the printable area (platen frame). Click again to return to the status before reduce/enlarge was applied.
Rotate	Rotates the image data in 90 degree steps.	
	 button	Click to rotate 90 degrees to the left.
	 button	Click to rotate 90 degrees to the right.
Flip	Flips the image data along the horizontal or vertical axis.	
	 button	Click to flip the image along the vertical axis.
	 button	Click to flip the image along the horizontal axis.

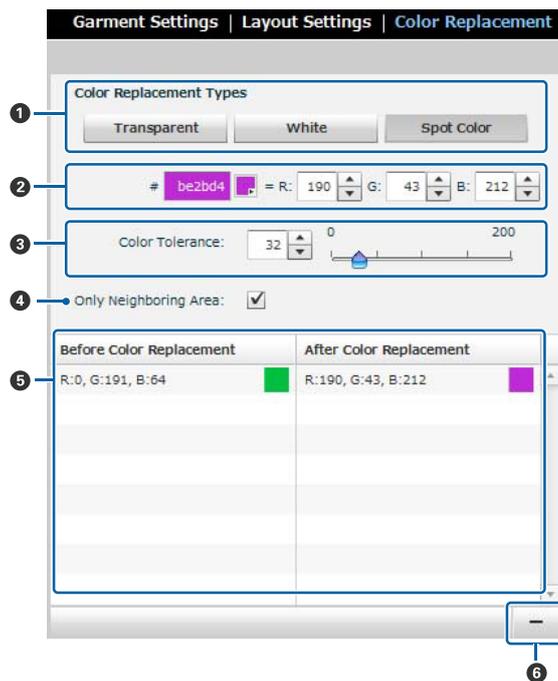
Explaining Each Screen

Color Replacement Items

This section explains how to use the screen that is displayed when you click one of the **Color Replacement** items displayed on the right of the main screen in this application. This allows you to make the image data displayed in the preview area partially transparent, or replace it with white or spot colors.

Note:

When adjustments are made to **Ink Density**, the **Ink Density** settings are given priority over this setting.



How to Use

- 1 On the screen displayed when you click a **Color Replacement** item, click one of the buttons in 1 for the type you want to replace.
The mouse pointer switches to color addition mode.
- 2 When you want to replace with a spot color, set the color after replacement in advance in area 2.
[🔗 “Screen details” on page 37](#)
- 3 Set the range of the data you want to replace in area 3.
Set which color in the range you want to replace from the point that you clicked in the preview area.
For example, if each RGB point you click is 200 and the Color Tolerance is set to 10, the RGB values within a range of 190 to 210 are considered as the same color to be replaced.
- 4 Click the data section you want to replace in the preview area.
Information for Before Color Replacement and After Color Replacement is displayed in area 5.

Explaining Each Screen

If any of the changes are incorrect, click the information that you want to delete from area **5**, and then click the delete icon (**6**) at the bottom right.

5 To continue making replacements, repeat steps 1 to 4.

To finish making replacements, click the button in the selected **1** again, or right-click anywhere on the screen.

Editing color replacement information

You can easily edit the registered information. You cannot change **Color Replacement Types (Transparent to Spot Color)**. This section explains the editing procedure.

1 Select the color replacement information you want to edit from the list registered in **5**.

After making your selection, a marker icon () is displayed at the point that you clicked in the preview area, and the mouse pointer changes. ()

2 Edit the content.

Change the spot color

Correct the current replacement color to the color you want in area **2**.

 [“Screen details” on page 37](#)

Change the replacement section

Drag the marker icon in the preview area from the current point to the point you want to change. If you want to change the replacement range, change it in **3**. Change the selection in **4** if necessary.

 [“Screen details” on page 37](#)

3 To edit different content, select the list you want to edit from the lists registered in **5**.

To finish making edits, click or right-click anywhere outside the print settings area.

Explaining Each Screen

Screen details

Item	Explanation						
<p>① Color Replacement Types</p>	<p>Select one of the following types that you want to replace.</p> <p>Transparent, White, Spot Color</p> <p>When you click the buttons, the mouse changes as shown below, and color addition mode starts.</p> <table border="1" data-bbox="606 544 1437 875"> <tr> <td data-bbox="606 544 911 875">  </td> <td data-bbox="911 544 1437 875"> <p>Click the color that you want to replace from the image data in the preview area. When you click the image, the range set in color tolerance adjacent to the clicked point is replaced by the selected color and displayed in the preview area. A list is also added to the replacement information display area.</p> <p>When you have finished making operations, click the selected color button again, or right-click anywhere on the screen.</p> </td> </tr> </table>		<p>Click the color that you want to replace from the image data in the preview area. When you click the image, the range set in color tolerance adjacent to the clicked point is replaced by the selected color and displayed in the preview area. A list is also added to the replacement information display area.</p> <p>When you have finished making operations, click the selected color button again, or right-click anywhere on the screen.</p>				
	<p>Click the color that you want to replace from the image data in the preview area. When you click the image, the range set in color tolerance adjacent to the clicked point is replaced by the selected color and displayed in the preview area. A list is also added to the replacement information display area.</p> <p>When you have finished making operations, click the selected color button again, or right-click anywhere on the screen.</p>						
<p>② Spot color settings</p>	<p>Click the Spot Color button to enable this setting. Use one of the following methods to set the color information to be replaced.</p> <table border="1" data-bbox="606 965 1437 1525"> <tr> <td data-bbox="606 965 911 1077"># input box</td> <td data-bbox="911 965 1437 1077">You can set RGB values using hexadecimal numbers (within a range of 000000 to ffffff). The default is 000000 (black).</td> </tr> <tr> <td data-bbox="606 1077 911 1211">Color picker</td> <td data-bbox="911 1077 1437 1211">Click to display the Color Setting screen. See the following for more details. 🔗 "Color Setting screen details" on page 19</td> </tr> <tr> <td data-bbox="606 1211 911 1525">RGB input boxes</td> <td data-bbox="911 1211 1437 1525">You can set a value for each R/G/B color within a range of 0 to 255. The default is 0. Set using one of the following input methods. <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons For numerical settings, check the values described on the File - Import - Black Garment Chart or White Garment Chart output by this application.</td> </tr> </table>	# input box	You can set RGB values using hexadecimal numbers (within a range of 000000 to ffffff). The default is 000000 (black).	Color picker	Click to display the Color Setting screen. See the following for more details. 🔗 "Color Setting screen details" on page 19	RGB input boxes	You can set a value for each R/G/B color within a range of 0 to 255. The default is 0. Set using one of the following input methods. <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons For numerical settings, check the values described on the File - Import - Black Garment Chart or White Garment Chart output by this application.
# input box	You can set RGB values using hexadecimal numbers (within a range of 000000 to ffffff). The default is 000000 (black).						
Color picker	Click to display the Color Setting screen. See the following for more details. 🔗 "Color Setting screen details" on page 19						
RGB input boxes	You can set a value for each R/G/B color within a range of 0 to 255. The default is 0. Set using one of the following input methods. <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons For numerical settings, check the values described on the File - Import - Black Garment Chart or White Garment Chart output by this application.						
<p>③ Color Tolerance</p>	<p>Set which color in the range you want to replace from the point that you clicked in the preview area. You can set within a range of 0 to 200. The default is 32. Set using one of the following methods.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons <input type="checkbox"/> Move the slider to the left or right <input type="checkbox"/> Click at a point on the slider bar 						
<p>④ Only Neighboring Area</p>	<p>When selected, only the area adjacent to the color (point) clicked in the preview area is replaced. When this is cleared, all approximate colors of the color (point) clicked are replaced throughout the image.</p> <p>This is selected by default.</p>						

Explaining Each Screen

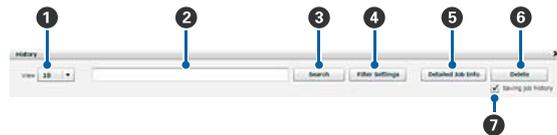
Item		Explanation	
5	Replacement information display area	The newest replacement information is displayed at the top.	
			Deletes the selected replacement information.

Explaining Each Screen

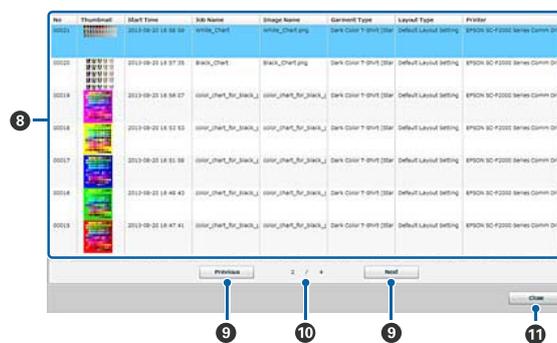
History

Select **Job - History** from the menu bar or **Job History** from the toolbar, for details and explanations on how to use the displayed screen. This allows you to check information on jobs printed from this application. Deleting (uninstalling) this application also deletes the job history.

Job History screen details



Item	Explanation
1 View	Set the maximum number of jobs displayed in list view. You can select from "10", "20", "50", or "100".
2 Text box	Allows you to search for entered terms. You can broaden your search by entering multiple terms separated by spaces. You can search for the following items displayed in the list view. "No", "Start Time", "Job Name", "Image Name", "Garment Type", "Layout Type", "Printer"
3 Search button	Starts the search using the conditions entered in the text box.
4 Filter Settings button	Opens the Filter Settings screen. "Filter Settings screen" on page 40
5 Detailed Job Info button	Opens the Detailed Job Info screen. "Detailed Job Info screen" on page 41
6 Delete button	Deletes the job selected from the list view. To delete multiple jobs, select the job information entries you want to delete while holding down the Shift key.
7 Saving job history	Saves the job history when you click the Print button. This is selected by default. Clear if you do not want to save the job history.



Explaining Each Screen

Item	Explanation
8 List view	Displays a list of information on printed jobs or jobs that have been searched for. The acquired job information is displayed in descending order from newest to oldest. If you click an item name such as Job Name or Image Name , the list is sorted based on the clicked item. To delete entries from the list, click the job information you want to delete, and then press the Delete key. To delete multiple jobs, select the job information entries you want to delete while holding down the Shift key, and then press the Delete key.
9 Previous/Next button	These are available when there are multiple pages of job information.
10 Current page	Indicates which page is currently displayed.
11 Close button	Closes the Job History screen and returns to the main screen.

Filter Settings screen

Item	Explanation
Selected Period	Select this to set the period to display the job history by specifying the From and To dates. This is cleared by default.
From	Set the start date for the job history period you want to display.
To	Set the end date for the job history period you want to display.
Set filter condition	Select this to exclude jobs specified in Item and Filter pattern from the job history display. This is cleared by default.
Item	Set filter condition items from the following. Job Name, Start Time, Printer, Image Name, Garment Type, Layout Type, Current Ink, Color Print Quality, White Print Quality, Double-strike (x2), Ink Blot Reduction, Print Direction, Color Density, White Density, Brightness, Saturation, Contrast, Red Level, Green Level, Blue Level, Offset (Left), Offset (Top), Height, Width, Reduce White Area, Under White, Media Profile
Filter pattern	Enter the text string you do not want to display in filter condition items. Jobs that match this text string exactly are not displayed. This function is case sensitive.
Register button	Registers the filter condition settings in the filter condition list.
List of registered filter conditions	Displays a list of the filter conditions that have already been registered.
Delete button	Deletes the filter condition selected from the filter condition list.
Cancel button	Cancels settings and returns to the Job History screen.
Save button	Saves the settings and returns to the Job History screen.

Explaining Each Screen

Detailed Job Info screen

Item	Explanation
Item	Displays the following items. Thumbnail, Job Name, Start Time, Printer, Image Name, Garment Type, Layout Type, Current Ink, Color Print Quality, White Print Quality, Double-strike (x2), Ink Blot Reduction, Print Direction, Color Density, White Density, Brightness, Saturation, Contrast, Red Level, Green Level, Blue Level, Offset (Left), Offset (Top), Height, Width, Reduce White Area, Under White, Media Profile
Cancel button	Returns you to the Job History screen.
Open button	Opens the selected job, and displays an image in the preview area.

Explaining Each Screen

Estimate

Select **Job - Estimate** from the menu bar or **Estimate** from the toolbar, for details and explanations on how to use the displayed screen. Create Estimate cannot be performed if image data has not been imported.

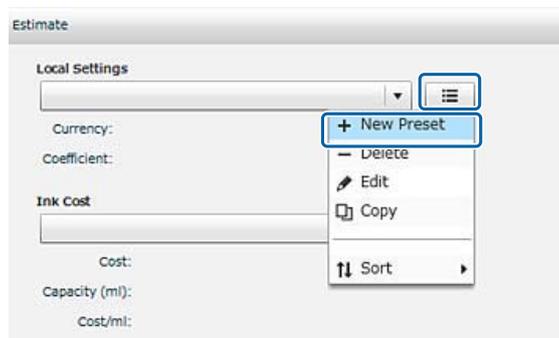
! **Important:**

This is a simple tool for estimating the cost of ink for a given print job. EPSON DOES NOT WARRANT ACCURACY. Actual ink costs vary considerably depending on such factors as software used, firmware version, image printed, print settings, substrate types, frequency of use, temperature, and variations in printer performance and user preferences and practices. Estimates do not account for ink used over the life of the cartridge for printer maintenance, or for ink remaining in the cartridge after the replace cartridge signal. Some Epson printers have multiple tools for estimating cost or ink consumption and not all tools work the same way.

How to Use

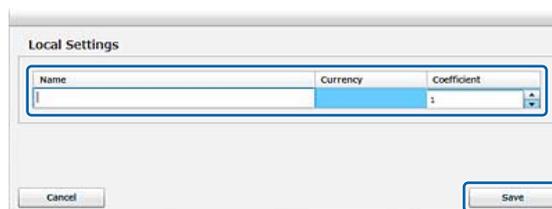
You can create estimates after making region settings, ink unit costs, T-shirt (media) unit costs, and so on.

- 1 Check that image data has been imported.
- 2 On the menu screen, click **Job** from the menu bar, or **Estimate** from the toolbar.
- 3 On the screen displayed, click the button to the right of the **Local Settings** item, and then click **New Preset**.



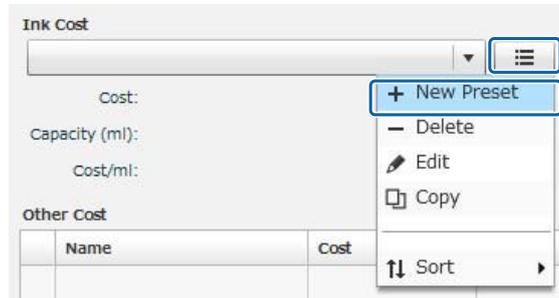
- 4 Click and enter information for **Name**, **Currency**, and **Coefficient**, and then click **Save**.

[🔗 “Local Settings screen” on page 47](#)



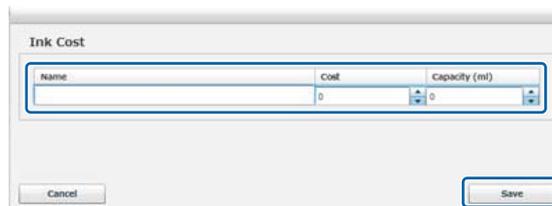
Explaining Each Screen

- 5** On the **Estimate** screen, click the button to the right of the **Ink Cost** item, and then click **New Preset**.

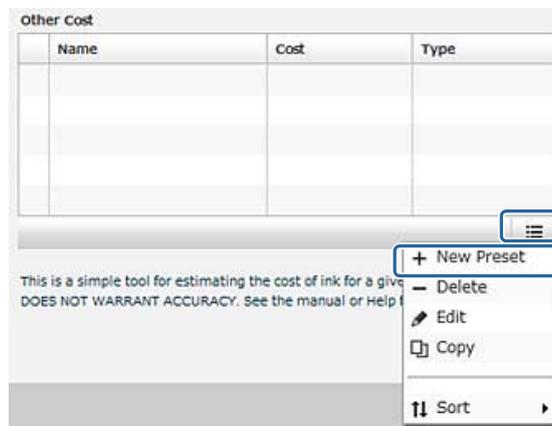


- 6** Click and enter information for **Name**, **Cost**, and **Capacity (ml)**, and then click **Save**.

[🔗 “Ink Cost screen” on page 48](#)



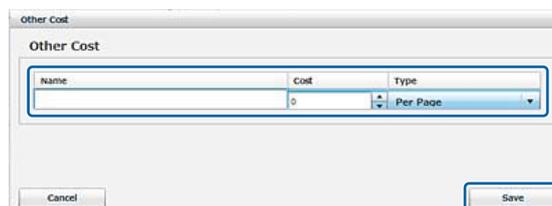
- 7** On the **Estimate** screen, click the button to the bottom-right of the **Other Cost** item, and then click **New Preset**.



- 8** Click and enter information for **Name** and **Cost**, select **Type**, and then click the **Save** button.

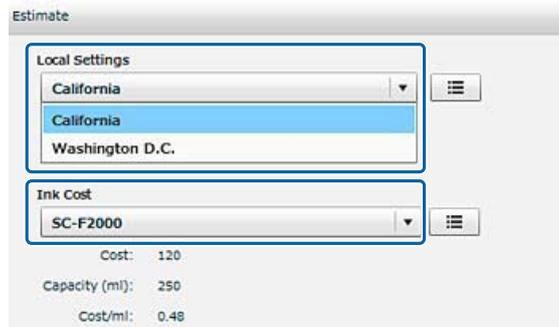
For example, you can add cost items for one print job such as the cost of the T-shirt (media), administrative costs, utilities, and so on.

[🔗 “Other Cost screen” on page 48](#)

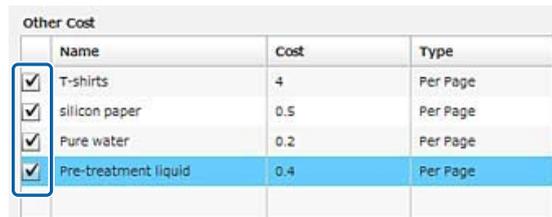


Explaining Each Screen

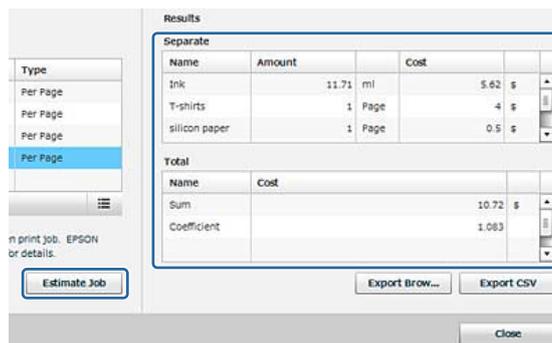
- 9 To add multiple entries for **Local Settings**, **Ink Cost**, and **Other Cost**, repeat from step 3.
- 10 After registering the region and cost, set estimate conditions.
Select the items you want to include in the estimate from **Local Settings** and **Ink Cost**.



Select the items you want to include in the estimate from **Other Cost**.



- 11 Click the **Estimate Job** button.
The results of the estimate are displayed on the right.

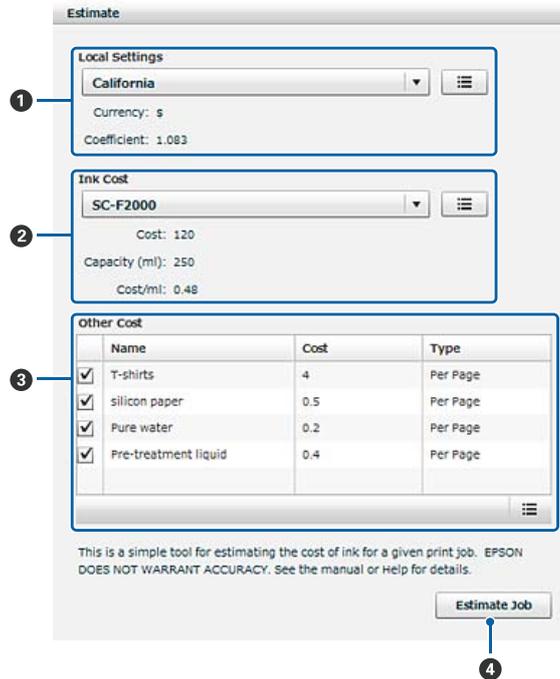


Click the **Export Browser** or **Export CSV** button to save the estimate results.

[“Exporting from the Estimate screen” on page 52](#)

Explaining Each Screen

Estimate screen details

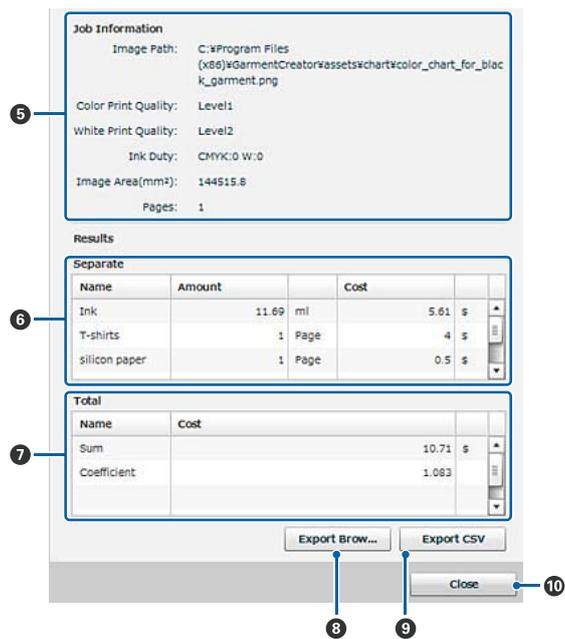


Item	Explanation
1 Local Settings	Set coefficients such as the unit of currency and tax rates.
	New Preset Displays the local settings screen. ↗ "Local Settings screen" on page 47
	Delete Deletes the selected list.
	Edit Displays the local settings screen for the selected list. ↗ "Local Settings screen" on page 47
	Copy Copies the content of the selected list, and creates a new list with the name "Copy + selected list name".
	Sort Sorts the list. As well as Sort by date or Sort by name , you can also sort by Ascending Order or Descending Order .

Explaining Each Screen

Item	Explanation											
<p>2</p> <p>Ink Cost</p>	<p>Set the ink cost.</p> <table border="1" data-bbox="608 338 1437 904"> <tr> <td data-bbox="608 338 687 439">  New Preset </td> <td data-bbox="687 338 1437 439"> Displays the ink cost screen. 🔗 "Ink Cost screen" on page 48 </td> </tr> <tr> <td data-bbox="608 439 687 533">  Delete </td> <td data-bbox="687 439 1437 533"> Deletes the selected list. </td> </tr> <tr> <td data-bbox="608 533 687 633">  Edit </td> <td data-bbox="687 533 1437 633"> Displays the ink cost screen for the selected list. 🔗 "Ink Cost screen" on page 48 </td> </tr> <tr> <td data-bbox="608 633 687 745">  Copy </td> <td data-bbox="687 633 1437 745"> Copies the content of the selected list, and creates a new list with the name "Copy + selected list name". </td> </tr> <tr> <td data-bbox="608 745 687 904">  Sort </td> <td data-bbox="687 745 1437 904"> Sorts the list. As well as Sort by date or Sort by name, you can also sort by Ascending Order or Descending Order. </td> </tr> </table>		 New Preset	Displays the ink cost screen. 🔗 "Ink Cost screen" on page 48	 Delete	Deletes the selected list.	 Edit	Displays the ink cost screen for the selected list. 🔗 "Ink Cost screen" on page 48	 Copy	Copies the content of the selected list, and creates a new list with the name "Copy + selected list name".	 Sort	Sorts the list. As well as Sort by date or Sort by name , you can also sort by Ascending Order or Descending Order .
 New Preset	Displays the ink cost screen. 🔗 "Ink Cost screen" on page 48											
 Delete	Deletes the selected list.											
 Edit	Displays the ink cost screen for the selected list. 🔗 "Ink Cost screen" on page 48											
 Copy	Copies the content of the selected list, and creates a new list with the name "Copy + selected list name".											
 Sort	Sorts the list. As well as Sort by date or Sort by name , you can also sort by Ascending Order or Descending Order .											
<p>3</p> <p>Other Cost</p>	<p>Set cost items for one print job such as the cost of the T-shirt (media), administrative costs, utilities, and so on.</p> <table border="1" data-bbox="608 994 1437 1559"> <tr> <td data-bbox="608 994 687 1095">  New Preset </td> <td data-bbox="687 994 1437 1095"> Displays the other cost screen. 🔗 "Other Cost screen" on page 48 </td> </tr> <tr> <td data-bbox="608 1095 687 1189">  Delete </td> <td data-bbox="687 1095 1437 1189"> Deletes the selected list. </td> </tr> <tr> <td data-bbox="608 1189 687 1290">  Edit </td> <td data-bbox="687 1189 1437 1290"> Displays the other cost screen for the selected list. 🔗 "Other Cost screen" on page 48 </td> </tr> <tr> <td data-bbox="608 1290 687 1402">  Copy </td> <td data-bbox="687 1290 1437 1402"> Copies the content of the selected list, and creates a new list with the name "Copy + selected list name". </td> </tr> <tr> <td data-bbox="608 1402 687 1559">  Sort </td> <td data-bbox="687 1402 1437 1559"> Sorts the list. As well as Sort by date or Sort by name, you can also sort by Ascending Order or Descending Order. </td> </tr> </table>		 New Preset	Displays the other cost screen. 🔗 "Other Cost screen" on page 48	 Delete	Deletes the selected list.	 Edit	Displays the other cost screen for the selected list. 🔗 "Other Cost screen" on page 48	 Copy	Copies the content of the selected list, and creates a new list with the name "Copy + selected list name".	 Sort	Sorts the list. As well as Sort by date or Sort by name , you can also sort by Ascending Order or Descending Order .
 New Preset	Displays the other cost screen. 🔗 "Other Cost screen" on page 48											
 Delete	Deletes the selected list.											
 Edit	Displays the other cost screen for the selected list. 🔗 "Other Cost screen" on page 48											
 Copy	Copies the content of the selected list, and creates a new list with the name "Copy + selected list name".											
 Sort	Sorts the list. As well as Sort by date or Sort by name , you can also sort by Ascending Order or Descending Order .											
<p>4</p> <p>Estimate Job button</p>	<p>Begins calculating the cost of printing the set image data.</p>											

Explaining Each Screen



Item	Explanation
5 Job Information	Displays the name of the image data that has been imported, as well as the job information you set such as print quality and ink density.
6 Separate	Displays the results of the estimate for each cost item. Click each title to sort the items into ascending order or descending order.
7 Total	Displays the results of the estimate as a sum total which does not reflect coefficients such as tax rates, as well as the total.
8 Export Browser button	Displays a list of the estimate results in a browser. See the following for more details. 🔗 “Exporting Cost Information” on page 52
9 Export CSV button	Exports a list of the estimate results as a file. See the following for more details. 🔗 “Exporting Cost Information” on page 52
10 Close button	Closes the Estimate screen and returns to the main screen.

Local Settings screen

Item	Explanation
Name	Allows you to set the names displayed in the list.
Currency	Allows you to set the unit of currency used for calculations.
Coefficient	Allows you to set the coefficient within a range of 0 to 100 in increments of 0.001. The default is 1. Set using one of the following methods. <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons
Cancel button	Cancels settings and returns to the Estimate screen.

Explaining Each Screen

Item	Explanation
Save button	Saves the settings and returns to the Estimate screen.

Ink Cost screen

Item	Explanation
Name	Allows you to set the names displayed in the list.
Cost	Allows you to set the cost and capacity (ml) within a range of 0 to 999999. Enter the average ink unit costs and average capacity for the ink cartridges installed in the printer. The default is 0. Set using one of the following methods.
Capacity (ml)	
	<input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons
Cancel button	Cancels settings and returns to the Estimate screen.
Save button	Saves the settings and returns to the Estimate screen.

Other Cost screen

Item	Explanation
Name	Allows you to set the names displayed in the list.
Cost	You can set the cost within a range of 0 to 999999. The default is 0. Set using one of the following methods. <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons
Type	Set the units using one of the following methods. Per Page: The cost for 1 T-shirt (media) Per Area (m²): The cost for 1 m ² Per Job: The cost for 1 job.
Cancel button	Cancels settings and returns to the Estimate screen.
Save button	Saves the settings and returns to the Estimate screen.

Explaining Each Screen

Configuration

This section explains the screen that is displayed when you click **Option** from the menu bar, or **Configuration** from the toolbar.

Configuration screen details

Item	Explanation
Environment tab	Allows you to make settings for the environment of this application, such as the display language. ↗ "Environment" on page 49
Grid Print Area tab	Allows you to make settings for items related to Preview Settings and the preview area. ↗ "Grid Print Area" on page 50
Cancel button	Cancels settings and returns to the main screen.
Save button	Saves the settings and returns to the main screen.

Environment

This section explains the screen that is displayed when you click the **Environment** tab.

Item	Explanation	
Language	Allows you to set the display language for this application.	
Path	Allows you to set the location to save the various setting information for this application.	
	Export	Displays the screen where various setting information is saved. Select the destination where you want to save the file, enter a file name, and then click the Save button. The data is saved in a database format unique to this application (.db).
	Import	Displays the screen where you can select the database file for this application. Select the database file you want to import, and then click the Open button.
	Create New Application Data	Allows you to create a new database file. A screen where you can save the new file is displayed. Select the destination where you want to save the file, enter a file name, and then click the Save button. The data is saved in a database format unique to this application (.db).
Spool Settings	Select the spooling method. The default is Start printing after last page is spooled .	
	Start printing after last page is spooled	The print job does not start until all of the print data has been spooled, and stable printing is possible.
	Start printing immediately	The print job starts before the printer has finished spooling the first page in the print data. Although this allows you to print at high speed, printing may be unstable.

Explaining Each Screen

Grid Print Area

This section explains the screen that is displayed when you click the **Grid Print Area** tab.

Item	Explanation
Unit	Allows you to select the unit of measurement used in this application from Millimeter or Inch . The default is Millimeter.
Gridline every	<p>Allows you to set the distance between grid lines displayed in the preview area within a range of 1 to 100. The default is 10.</p> <p>Set using one of the following methods.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons
Bold every	<p>Allows you to set the interval at which grid lines displayed in the preview area will be highlighted in bold within a range of 1 to 100. The default is 5.</p> <p>Set using one of the following methods.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons
Display outer grid	Allows you to set whether or not the grid is displayed outside the platen frame. Select to display the grid.
Preview Quality	<p>Allows you to set the quality of the image data displayed in the preview area within a range of -10 to 10. The larger the value entered, the higher the display quality, but layout operations may slow down. The default is 0.</p> <p>Adjust using one of the following entry methods.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Enter the number manually <input type="checkbox"/> Enter using the ▲/▼ buttons <input type="checkbox"/> Move the slider to the left or right <input type="checkbox"/> Click at a point on the slider bar

Problem Solver

Importing images takes a long time

■ **Is the image being imported from another drawing application?**

Importing image data from another drawing application may take a while. Lower the resolution for the image data to 180 dpi and so on.

The colors do not match

■ **Try the following methods to adjust the colors.**

- Alter the colors over the whole image

Adjust each item in **Color Settings** from **Garment Settings**.

[🔗 "Color Settings" on page 30](#)

- Alter the colors in a particular area

Make adjustments using the **Color Replacement** function. If you want to check how the colors will look on the printed T-shirt (media) before adjusting the colors, print a color chart first. There are color charts for dark colors and light colors.

[🔗 "Color Replacement Items" on page 35](#)

[🔗 "File" on page 16](#)

The job name is not displayed on the printer's control panel

■ **Are there any double-byte characters in the job name?**

Double-byte characters are not supported when importing from a USB memory stick. Use single-byte, alphanumeric characters.

Appendix

Exporting Cost Information

You can export setting information in CSV format from the **Estimate** screen. You can also display it in a browser.

Exporting from the Estimate screen

The following estimate items are exported as a CSV file.

	A	B	C	D	E	F	G	H	I
1	Job name	color_chart_for_black_garment							
2	Image Path	C:\Program Files (x86)\GarmentCreator\Assets\chart\color_chart_for_black_garment.png							
3									
4	Name	Amount	Unit	Cost	Currency				
5	Ink	11.69	ml	5.61	\$				
6	T-shirts	1	Page	4	\$				
7	silicon paper	1	Page	0.5	\$				
8	Pure water	1	Page	0.2	\$				
9	Pre-treatment liquid	1	Page	0.4	\$				
10	Sum			10.71	\$				
11	Coefficient			1.083					
12									
13	Total			11.6	\$				
14									

Deleting (Uninstalling)

This section explains how to delete Garment creator from your computer. As well as this application, delete the database files and Adobe AIR if necessary.

Garment Creator

Start the installer for this application, and then select Uninstall on the screen displayed.

Adobe AIR

See the Adobe homepage for details on deleting this application.

Appendix

Using from Another Drawing Application

You can start this application from drawing applications such as Illustrator or Photoshop. Create image data in the special drawing application, set the T-shirt type and layout, and then print directly.

When this application is installed, it is displayed as a script item in the drawing application.

Example: Photoshop

Import the target file "GarmentCreator for Photoshop.jsx" from **File - Scripts - Browse**.

If you place this file in the **Presets - Scripts** folder in Photoshop's program file, it is automatically displayed on the **File - Scripts** menu.

Example: Illustrator

Import the target file "GarmentCreator for Illustrator.jsx" from **File - Scripts - Other Script**.

If you place this file in the **Presets - Scripts** folder in Illustrator's program file, it is automatically displayed on the **File - Scripts** menu.

**Important:**

Download the files mentioned above from the Epson Web site.