MIMAKI

Simple POP

Reference Guide

MIMAKI ENGINEERING CO., LTD.

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Introduction

Thank you for purchasing a Mimaki product.
Simple POP is designing software used to create Print & Cut POP data.

Cautions

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About This Manual

This document describes how to use Simple POP and its functions.

Notations used in this manual

- The text displayed on the screen including menus and icons is shown in square brackets, such as [File] menu.
- The button displayed in the dialog box is shown in square brackets as well, such as [OK].
- A dialog box is shown in angle brackets, such as <Page Setup> dialog box.
- Other notation on screens is also shown in square brackets, such as [Line Width].
- A key on the keyboard is shown in a box, such as Shift key.

About RasterLink

- Unless it is important to distinguish between individual versions, RasterLink6Plus and RasterLink7 are both referred to as "RasterLink" in this document.
- The screen images provided primarily apply to RasterLink6Plus.

Special instructions

Hint! Provides helpful hints on how to use Simple POP.

Note! Indicates cautions you need to take or procedures you must follow when using Simple POP.

→ Indicates pages for reference.

System and software requirements

To install and use Simple POP, the following requirements must be met.

Operating system	Windows 10® (32/64bit) Windows 11® (64bit)
CPU	Intel® Core™ i3-4130K (3.4 GHz) or higher
Chipset	Genuine Intel® chipset
Memory	2 GB or more
HDD	160 GB or more
Print & Cut printer	CJV330, UCJV300/150, CJV300/150, CJV300 Plus series, UCJV330
RIP software	RasterLink6Plus version 2.6 or later RasterLink7 version 3.2.0 or later

The compatibility of the RIP software with individual models is as follows:

Model	RasterLink6Plus	RasterLink7
CJV330	NG	OK
CJV300 Plus	OK	OK
UCJV300	OK	OK
UCJV150	OK	NG
CJV300	OK	OK
CJV150	OK	OK
UCJV330	NG	OK

About Execution Mode

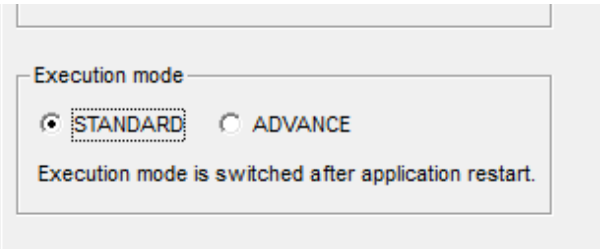
Simple POP has two execution modes.

1.STANDARD mode･･･Use it when editing the template and printing it.

2.ADVANCE mode･･･Use it when creating a new template.

The execution mode can be set by selecting [File] - [Environments] - [General].

* The execution mode changes after Simple POP has been restarted.



Hint! How to switch the execution modes (=> on page 38)

The initial state is STANDARD mode. The following shows the functions available for each mode.

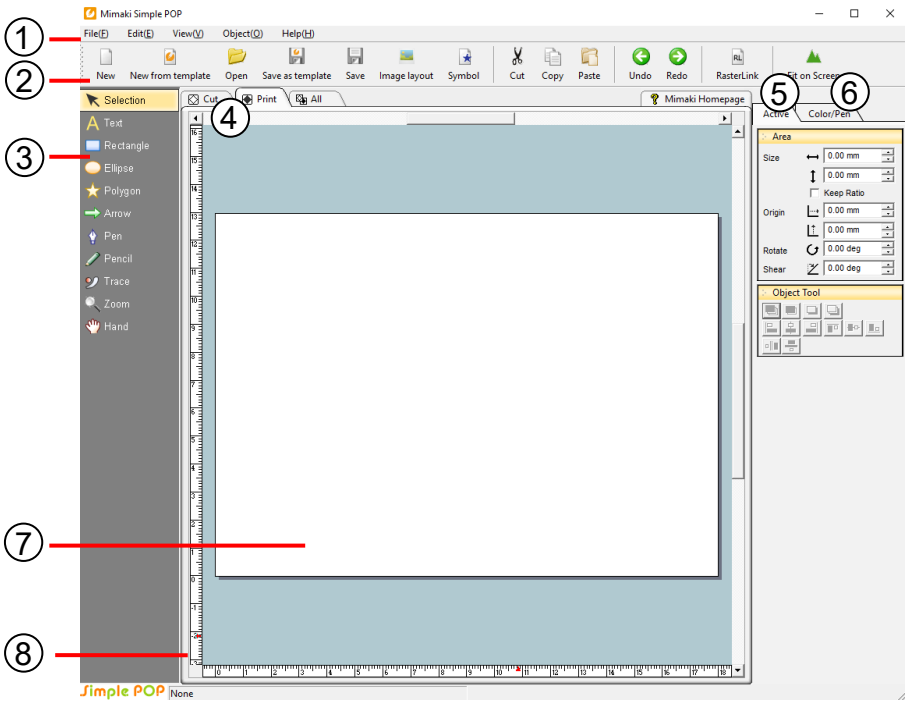
Function name	Item Name	Mode	
		STANDARD	ADVANCE
Creation	New	-	○
	Open	○	○
	New from temprate	○	○
Save	Save	○	○
	Save as template	○	○
	Bulk import of template	○	○
Input	Image Layout	○	○
	Symbol	○	○
	TWAIN	-	○
Output	Print	-	○
	Cut	○	○
	RasterLink	○	○
Tools	Selection	○	○
	Text, Rectangle, Polygon, Ellipse	○	○
	Arrow, Pen, Pencil	-	○
	Trace	-	○
	Zoom, Hand	○	○
Object menu	Change to Print/Cut Data	○	○
	Change to Simple Figure	-	○
	Change to Compound Figure	-	○
	Make Weed Line	-	○
	Contouring	-	○
	Clipping	○	○

Functions

Functions of Simple POP

The Screen of Simple POP

This section describes the elements of the Simple POP screen.



(1) Menu bar
(2) Menu icons
(3) Toolbox
(4) View tabs
(5) [Active]
(6) [Color/Pen]
(7) Layout area
(8) Rulers

(1) Menu bar

The menu bar is divided into five groups: [File], [Edit], [View], [Object], and [Help]. Clicking these menu items displays menus of the basic Simple Studio functions.

(→ See page 19)

(2) Menu icons

Frequently used functions in the menus are available as menu icons.
The menu icons help you efficiently work in Simple POP as you can run a function with one click.

[New]: Click this icon to create a new document.
(→ See page 20)

[New from template]: Click this icon to create a new document by selecting a template from the <Template Selection> dialog box, where the templates that come with Simple POP or the templates that users registered are shown.
(→ See page 22)

[Open]: Click this icon to open a saved file. Only files in MPX format can be loaded.
(→ See page 21)

[Save as template]: Click this icon to register and save the file you are editing as a template. Specify a category and a name of the template when registering it.
(→ See page 23)

[Save]: Click this icon to overwrite the existing file with the file you are editing. To save the file with a different name, click [File] - [Save As].
(→ See page 23)

[Image layout]: Click this icon to load and display external data such as images.
(→ See page 25)

[Symbol]: Click this icon to load and display the symbols that come with Simple POP.
(→ See page 26)

[Cut]: Click this icon to cut the selected objects from the document and copy them to the clipboard.
(→ See page 40)

[Copy]: Click this icon to copy the selected objects to the clipboard.
(→ See page 41)

[Paste]: Click this icon to paste the data copied in the clipboard into the document.
(→ See page 41)

[Undo]: This menu item undoes the last operation. You can use it when you did a wrong operation.
(→ See page 40)

[Redo]: Click this icon to reverse the last [Edit] - [Undo] operation and return the data to the original state before the [Undo] command is run.
(→ See page 40)

[RasterLink]: Click this icon to output print data and cut data to RasterLink. (→ See page 32)

[Cut]: Click this icon to send data to the cutting plotter for cutting.
(→ See page 29)

[Fit on Screen]: Click this icon to display all the data in the document.
(→ See page 42)

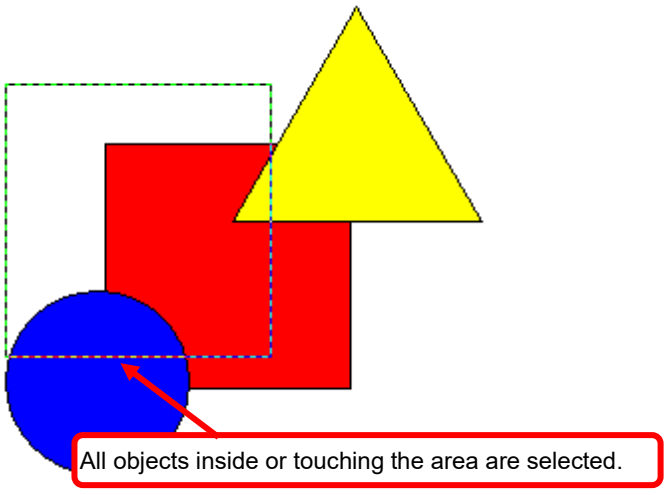
(3) Toolbox

The toolbox contains buttons for functions such as creating and editing objects.

You can select objects such as text objects or graphic objects by clicking or dragging them.

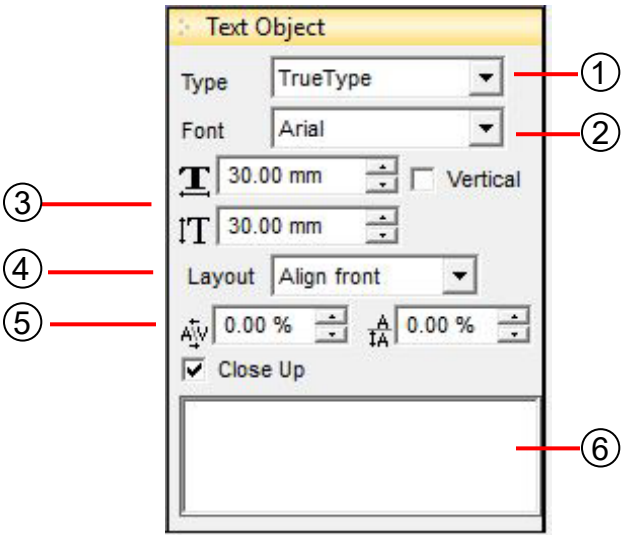
Two ways to select multiple objects

1. Hold down the Shift key while you click the objects you want to select.
2. Drag to enclose all the objects you want to select.



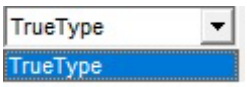
Text

To insert text, click on the document. In the [Active] tab, the [Text Object] panel is displayed.



(1) [Type]

Select the type of the font. Fonts belonging to the type selected here are displayed in (2) [Font].



(2) [Font]

Fonts belonging to the type selected in (1) [Type] are displayed here.

(3) Size

Specify the vertical and horizontal sizes of a character.

(4) [Layout]

For text longer than a single line, select one of the following layouts: [Align front], [Align center], [Align back], or [Uniformity]

(5) Character and line spacing

Specify the amount of white space between characters and between lines in percent.

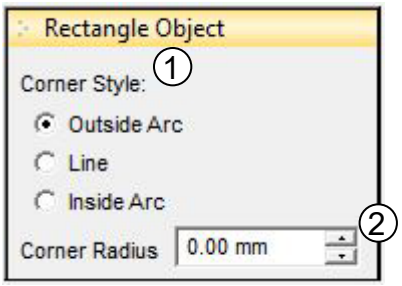
(6) Text field

Enter text for the text object.

Note!

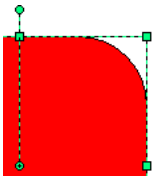
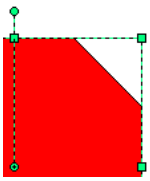
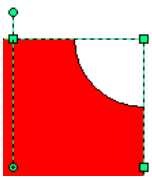
Characters that cannot be edited are also in the template. When selecting them, [Text Object] is not displayed.

Create a rectangle by dragging the mouse on the screen. In the [Active] tab, the [Rectangle Object] panel is displayed.



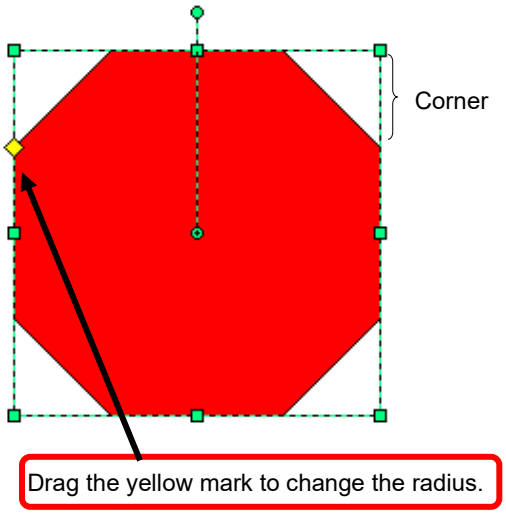
(1) [Corner Style]

Select one corner style from the following three styles: [Outside Arc], [Line], or [Inside Arc]

		
Outside Arc	Line	Inside Arc

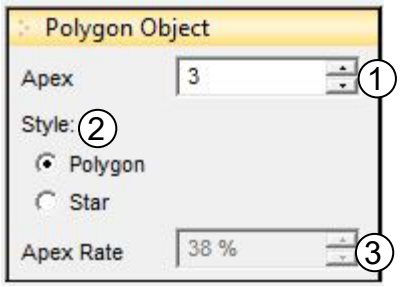
(2) [Corner Radius]

Specify the radius in mm.



Create a circle by dragging the mouse on the screen. You can draw a perfect circle by dragging while holding down the Shift key.

Create a polygon by dragging the mouse on the screen. In the [Active] tab, the [Polygon Object] panel is displayed.

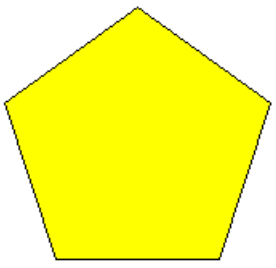
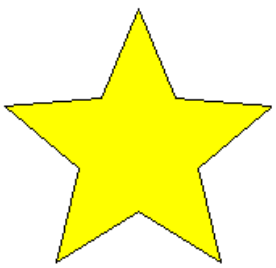


(1) [Apex]

Enter the number of corners of the polygon.

(2) [Style]

Select either [Polygon] or [Star].

	
Polygon	Star

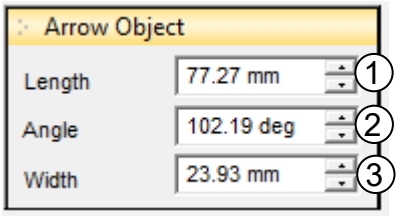
(3) [Apex Rate]

This parameter is available only when [Star] style is selected.

Smaller value produces a star with sharp points, larger value produces a star with obtuse points.

Arrow

Create an arrow by dragging the mouse on the screen. In the [Active] tab, the [Arrow Object] panel is displayed.



(1) [Length]

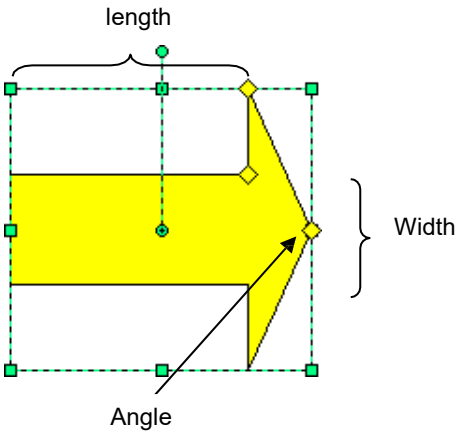
Enter or select the length of the arrow.

(2) [Angle]

Enter or select the angle for the arrow.

(3) [Width]

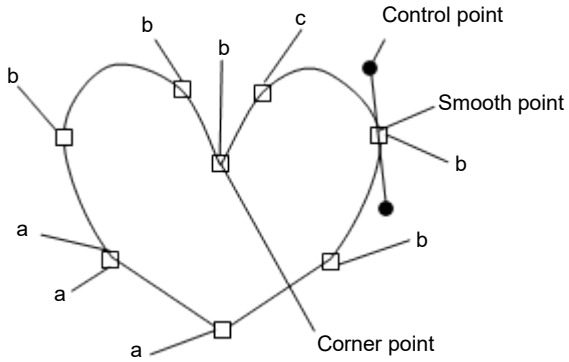
Enter or select the width of the arrow.



Pen

When no object is selected, you can “create simple figure”, and when a simple figure is selected, you can “edit simple figure”.

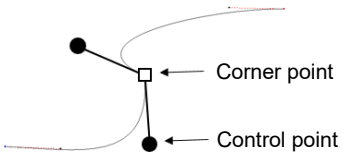
To edit an object, you must first convert it into a simple figure.

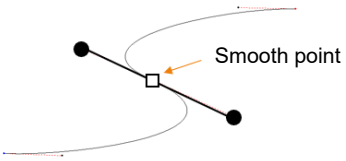


Creating an object

(An example of clicking in the order from (1) to (9) in the diagram above)

a	Click	Adds a line point.
b	<Ctrl> + click	Adds a smooth point.
c	<Shift> + click	Makes one point before a corner point and adds a point.





Editing an object

1. Drag a point to move it.
2. Right-click a point to display the menu.

Corner Point	This changes to a point connecting two segments at an angle.
Smooth Point	This changes to a point connecting two segments smoothly.
Delete Point	This deletes the point.
Divide	This divides the line.
Join	This joins the start and end points of the line.

3. Drag a segment to move it.
4. Right-click a segment to display the menu.

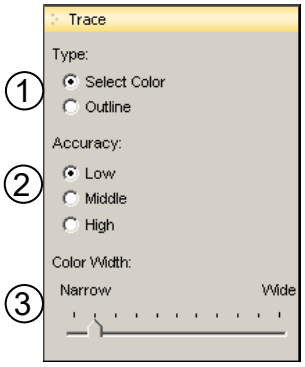
Add Point	This adds a point.
Line	This changes the segment to a straight line.
Curve	This changes the segment to a curved line.
Delete Figure	This deletes the figure.

This draws freehand lines by dragging with the mouse. The line stops when the mouse button is released.

Hint!

When drawing lines with the pencil tool, curved areas may be drawn jagged.
To create smooth curves, use the pen tool after creating draft lines with the pencil tool.

This traces the image object and converts it to vector data (outline).



(1) Type

・Select Color

Extract and trace the selected color.

・Outline

Trace excludes the selected color.

(2) Accuracy

Select the tracing accuracy from the three levels. Precision increases the number of tracing points and traces in detail but may result in large data.

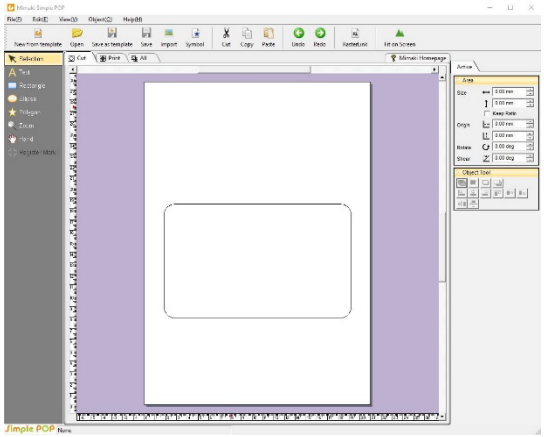
(3) Color width

Set the width of the color to be extracted. When the extraction width is reduced, tracing is performed on the same color as the selected color.

Zoom in on the clicked location.
To zoom in an area, drag to select the area.
To zoom out an area, drag to select the area while holding down the Alt key.

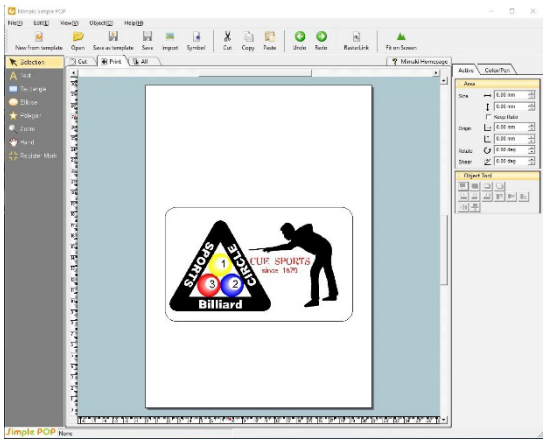
Drag to scroll up, down, and sideways on the screen.

(4) View tabs



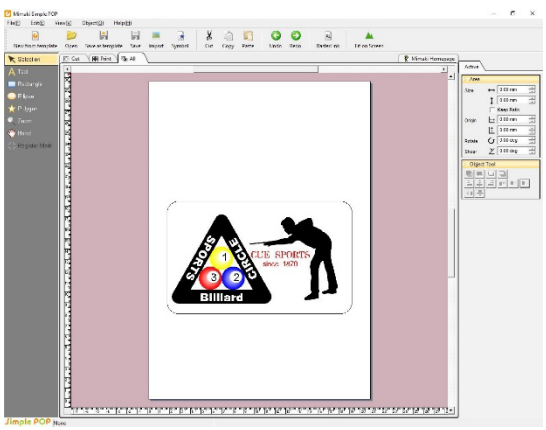
[Cut] tab:

Displays only data for cutting. The [Color/Pen] panel is not displayed in the [Cut] tab.



[Print] tab:

Displays only data for printing.

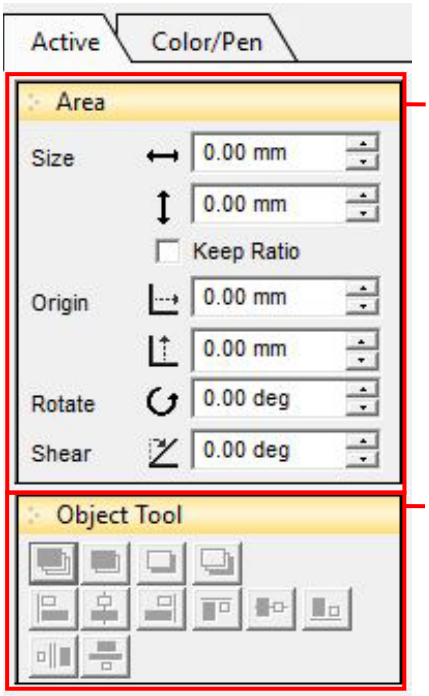


[All] tab:

Displays both data for cutting and printing.

(5) [Active]

Normally, only the [Area] and [Object Tool] panels are displayed. The necessary panels are displayed for the object you select.



① [Area]

The [Size] and [Origin] of the selected object is displayed.

You can edit the values of [Rotate] and [Shear] by directly entering numerical values.

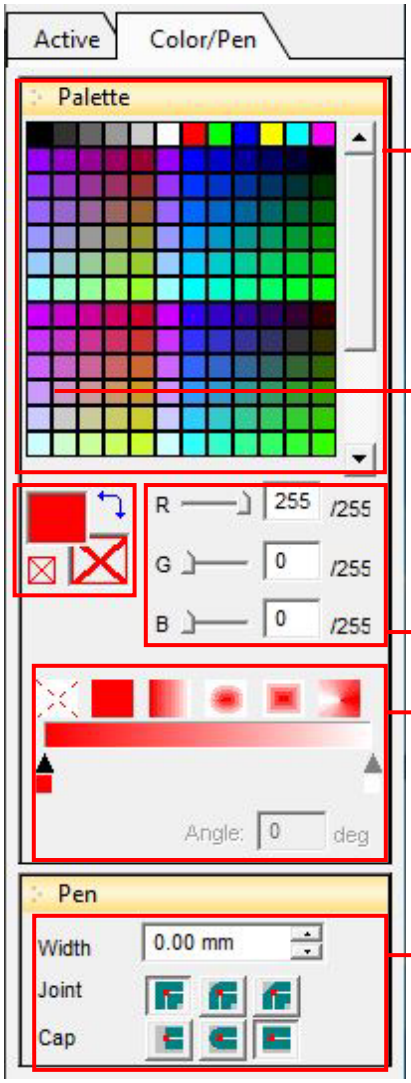
② [Object Tool]

The functions are the same as [Arrange] and [Align].

(→ See page 46)
(→ See page 47)

(6) [Color/Pen]

The [Color/Pen] panel is only displayed when [Print] is selected as the editing mode. Only the settings of print data can be set.



① [Palette]

[Palette] is used to set the fill color and line. Click a color you want to use for the fill color or line of the selected object.

② Current color

Allows you to switch between the fill color and line color.

The color specified in [Palette] or the RGB settings is reflected.

③ RGB settings

Allow you to set the color values in RGB.

④ Gradation

Allows you to set the gradation type and color.

⑤ [Pen]

Allows you to set the [Line Width], [Joint], and [Cap] of the line.

(7) Layout area

Displays a white layout area with the scale you specified in [Page Setup].

(8) Rulers

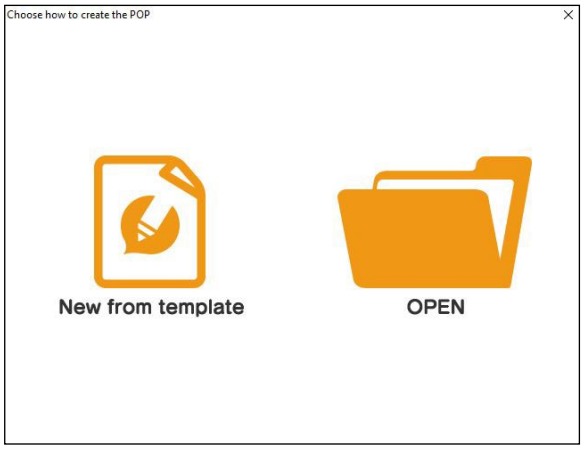
Rulers are displayed.

The red dots on each x-axis and y-axis move as you move the mouse, which indicates the location.

The screen that appears when Simple POP starts

When you activate Simple POP, the <Choose how to create the POP> dialog box appears.

The behaviors when clicking the buttons are the same as for the menu icons.



[New from template]: Click this icon to create a new document by selecting a template from the <Template Selection> dialog box, where the templates that come with Simple POP or the templates that users registered are shown.

(→ See page 22)

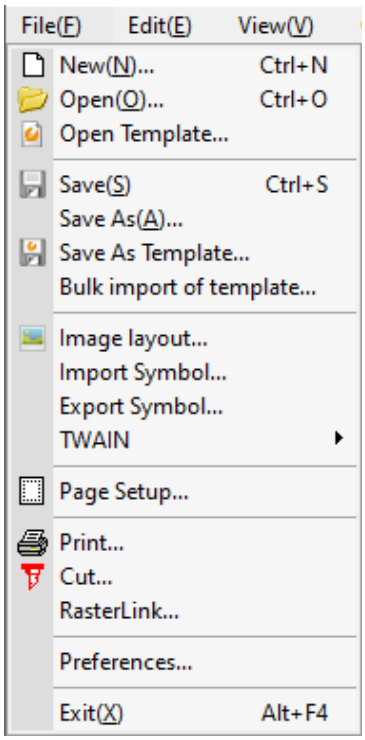
[Open]: Click this icon to open a saved file. Only files in MPX format can be loaded.

(→ See page 21)

Menus

Menus in Simple POP

[File] menu

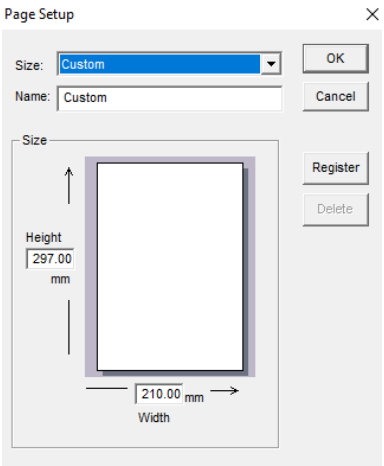


[New] Ctrl + N

Selecting this command displays the [Page Setup] dialog box. Set the various details and click the OK button to create a new document.

Setting a custom size

Enter [Name] and [Size], and click the Register button.

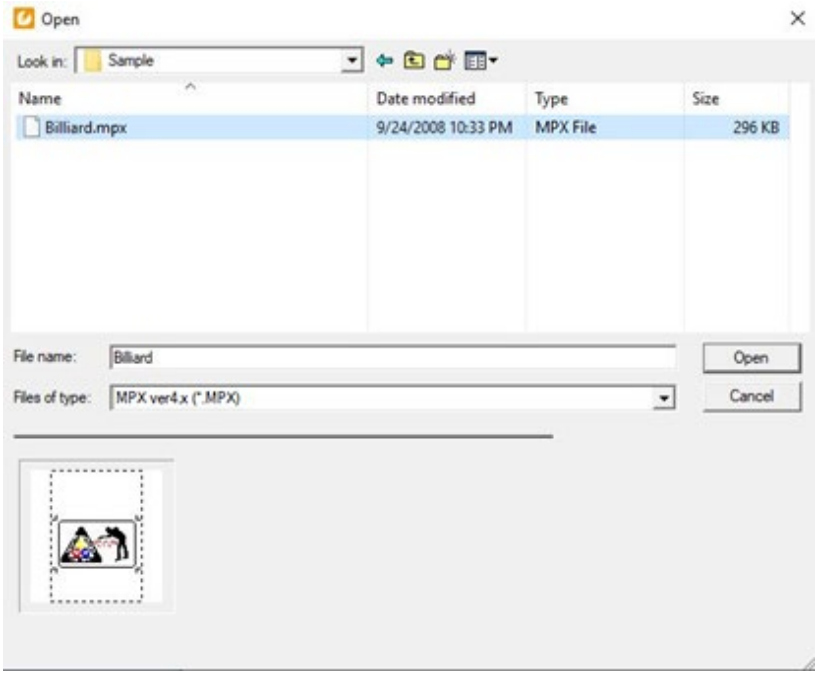


Hint!

If you set the paper height to 2,000 mm (or longer) as a guideline, the cutting output may be misaligned due to meandering of the sheet.
If this happenes, setting "Tile Cut" on the cutting plotter (which supports the function) may improve the output quality.
For more details, refer to the operation manual of the cutting plotter in use.

[Open] Ctrl + O

Select a file and click the [Open] button to load the saved document. Only files in MPX format can be loaded.

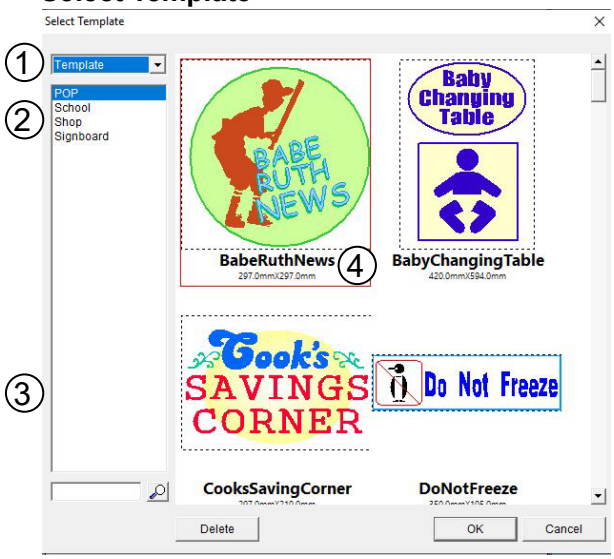


[New from template]

Selecting this command displays the <Select Template> dialog box.

Select one of the managed folders and template categories and choose a template to use, then click [OK]. A new document is created for you.

<Select Template >



(1) Template folder: Select a template type, either [Template] or [User].

Template: Select this option to choose a template out of the templates that come with Simple POP or ones that you imported using the Bulk import of template function (→ See page 25).

User: Select this option to choose a template out of the templates that users saved.

(2) Category: Select a template category. The templates in the selected category appear.

(3) Search keyword: Enter a keyword to filter templates.

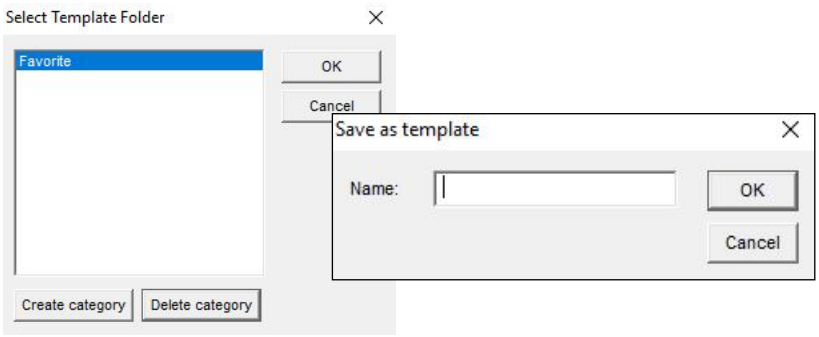
(4) Selected template: The selected template is outlined in red.

Hint!

When selecting a new template after creating the data, select [New from Template] from the menu icon.

[Save as template]

You can save a POP design you often use as a template.
When you select a folder to save the template and click [OK], a window for entering the name of the template appears. Input a name and click [OK].



[Save] Ctrl + S

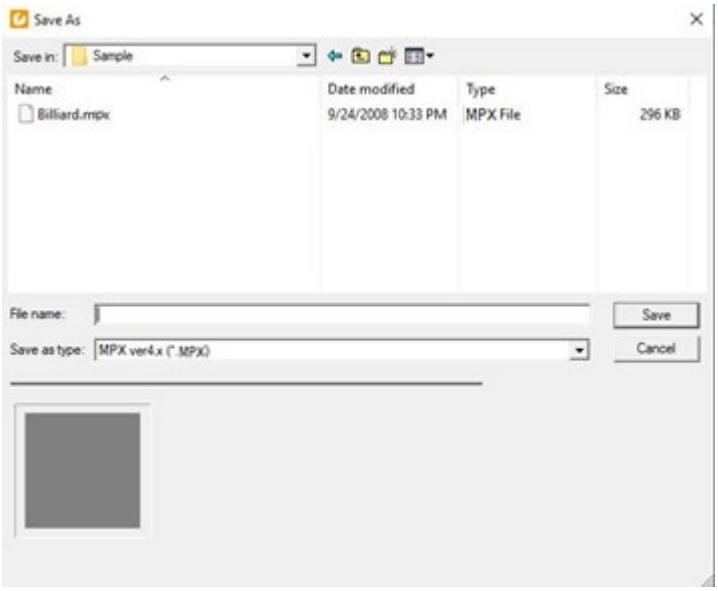
This menu item saves the file you are editing by overwriting the existing file.

Note!

The [Save] action is performed without any warning. When you run it, the existing data is no longer available because it is overwritten with the new data.

[Save As]

This menu item allows you to save the file you have created with a name.
Input a name of the file and click the [Save] button.

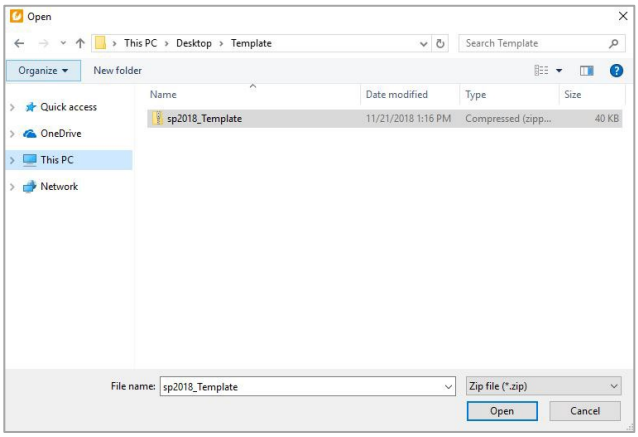


Note!

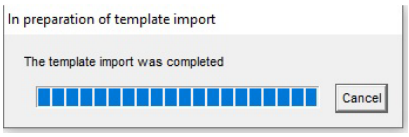
Only files in MPX format can be saved.

[Bulk import of template]

This menu item allows you to import additional templates provided by Mimaki Engineering Co., Ltd.
Templates can be downloaded from the following URL:
URL : https://mimaki.com/product/software/cutting/simple-pop/download.html
Select the downloaded zip file, then click the [Open] button to add the template.



The following progress bar appears when the import process starts. The progress bar disappears automatically when the import completes.



Note!

The added template is saved in the following folder.
Template saved folder: [Installation folder¥data]
Delete the above folder manually after uninstalling.

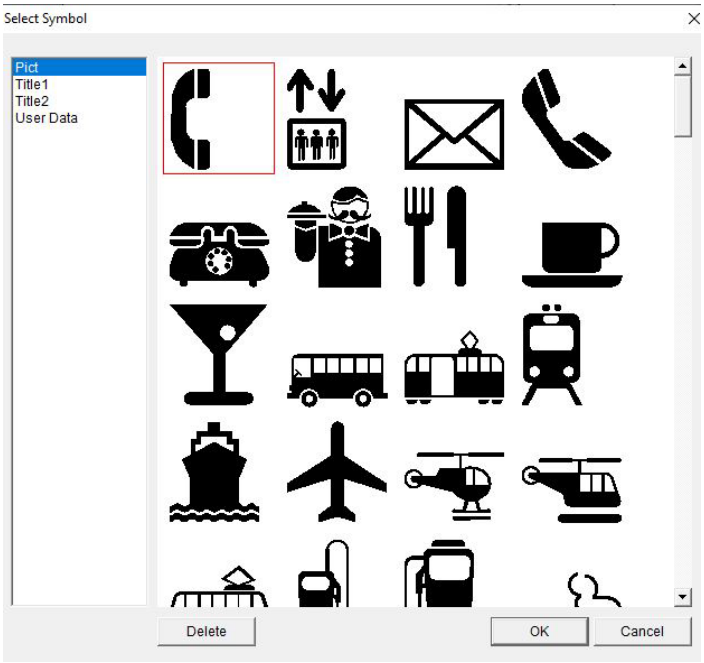
[Image layout]

This menu item allows you to load external data such as images.
Only files in BMP and JPG formats can be displayed.

[Symbol]

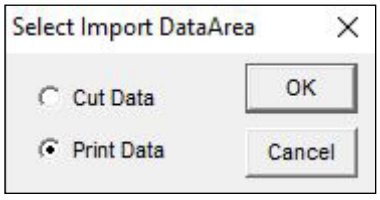
This menu item allows you to load symbol data.

1 **Select a category from the category list on the left.**



2 **Select a symbol to import from the symbols displayed on the right and click the [OK] button.**

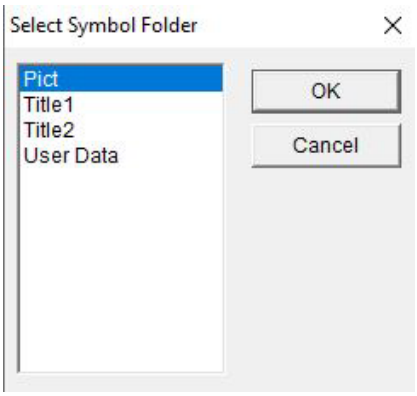
3 **Select the data type to use and click the [OK] button.**



[Export Symbol]

This menu item allows you to register data that you created as a symbol. You can later load the data you registered here using [Symbol].

1 **Select a folder to register the symbol.**



Note!

The added Symbol is saved in the following folder.
Symbol saved folder: [Installation folder¥data]
Delete the above folder manually after uninstalling.

[TWAIN] - [Import From TWAIN]

Executing the TWAIN input command starts image scanning with the TWAIN device such as scanners. When scanning has finished, the scanned image is placed in the document.

Note!

Refer to the manual packaged with the scanner for how to scan images.

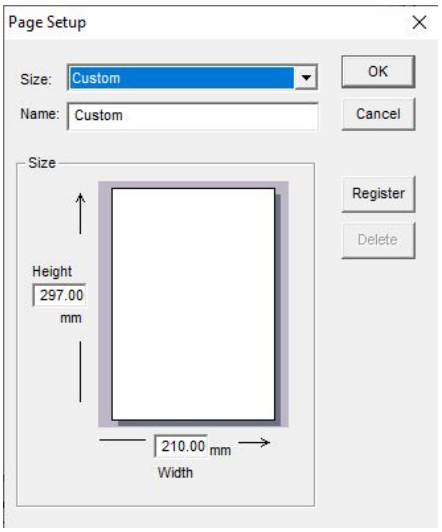
[TWAIN] - [Select TWAIN]

Executing the [Select TWAIN] command displays the selectable TWAIN devices. Select a TWAIN device and click the Select button.

[Page Setup]

In the <Page Setup> dialog box you can:

- Select a paper size
- Add a new custom size
- Change the existing custom size
- Delete the existing custom size



[Print]

Print is performed using the printer driver of the printer you normally use. The [Print] dialog box of your printer is displayed.

Note!

Depending on the resolution of the objects, printing documents that include images and metafile objects may reduce the image quality.

[Cut]

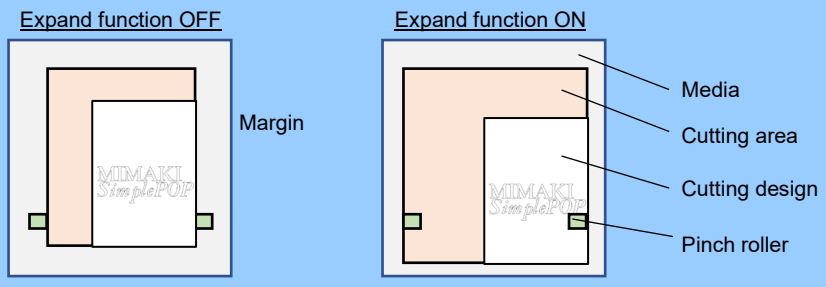
Cuts data in accordance with the cutting information set on the [Cut] tab.

Note!

This requires prior installation of the Mimaki CG-AR Plotter Driver.
For details, please refer to "CG-AR Operation Manual".

Note!

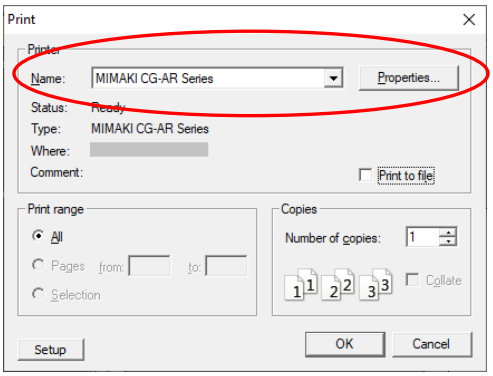
Depending on the plotter model, a fixed margin may be inserted around each edge of the media. (The size of the margin will vary depending on the particular model.)
The margin can be reduced by enabling the [Expand function] setting on the plotter. For details, refer to the operation manual for the plotter being used.



1 **Click the [Cut] icon .**

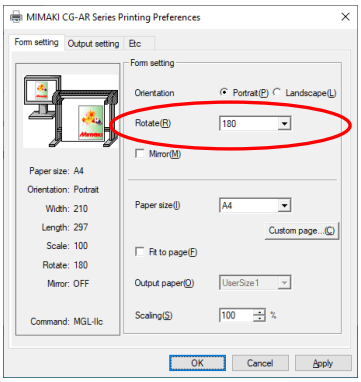
- The [Print] dialog is displayed.

2 **Select the cutting plotter to be used, then click the [Properties...] button.**



- The [Printing Preferences] dialog is displayed.

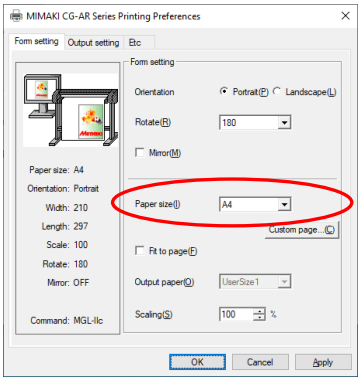
3 **Set [Rotate] to [180].**



Hint!

This step may be skipped, as it sets the output orientation to match the existing "SimpleCut".

4 **Set [Paper size] to the same media size set for Simple POP. (→ See page 28)**

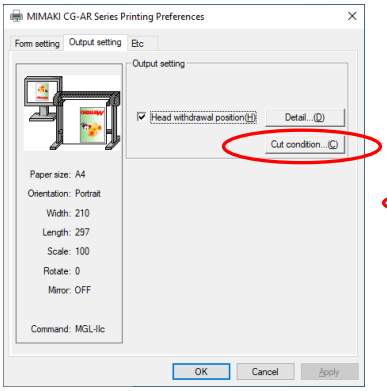


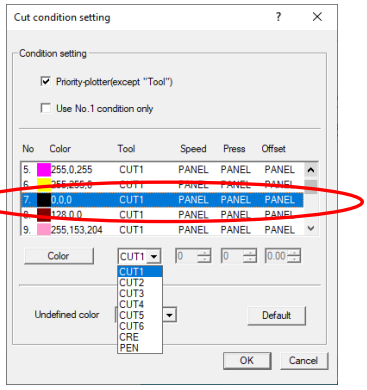
Hint!

To configure settings other than the paper size, edit the settings as required on the [Form setting], [Output], and [Etc] tabs.

5 Set the cutting conditions.

- In the plotter driver, set the output conditions for each line color.
  The color of the line to be cut and output from Simple POP is black (0,0,0).
  Set the cutting conditions for "No.7 Black 0,0,0" on the [Set Cutting Conditions] screen from the [Output Settings] tab - [Set Cutting Conditions].





6 Close the [Printing Preferences] dialog, then click the [OK] button.

- Cutting starts.

[RasterLink]

This menu item allows you to perform printing or cutting by sending the data you have edited to RasterLink.

Note!

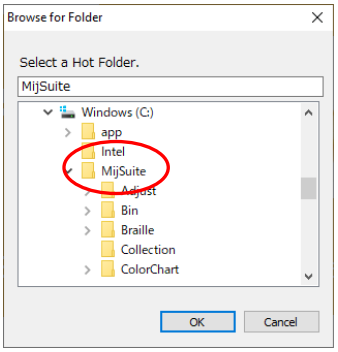
The following items must be set up in RasterLink before sending data:
・Favorite settings
・Auto Execution option settings
For details, refer to the Simple POP Setup Guide.

1 **Click icon to display the <Browse for Folder> dialog box.**

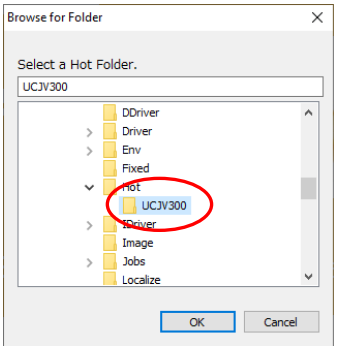
2 **Select installation folder of RaserLink.**

Hint!

The installation folder for each version of RasterLink is shown below.
RasterLink6Plus : C:¥MijSuite¥
RasterLink7 : C:¥MijCtrl¥



3 **Select a RasterLink hot folder and click [OK].**

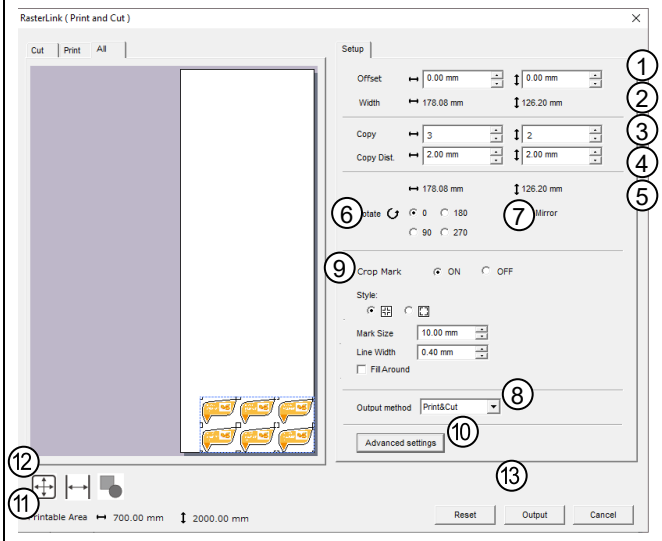


Hint!

RasterLink has separate hot folders for each printer. More than one hot folder can be created for different print settings. For details on how to use the hot folders. see the manual comes with RasterLink

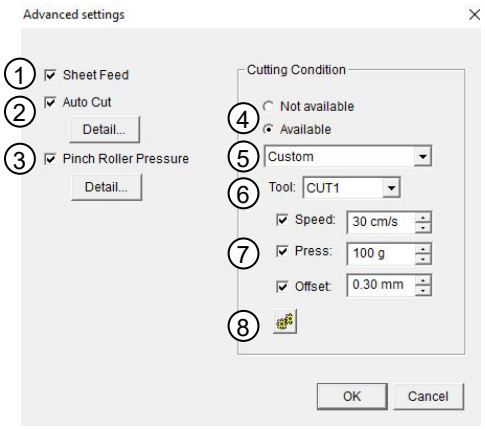
4

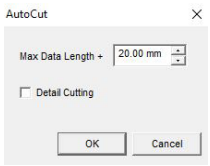
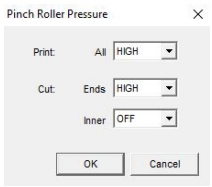
Select the [Setup] tab and configure the items.



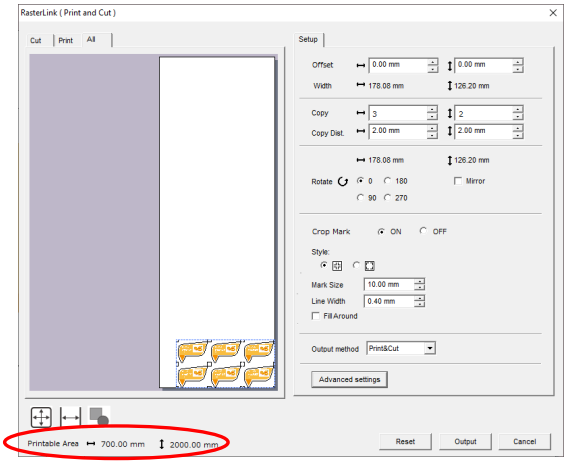
(1) [Offset]	The printing and cutting position of the entire data is moved according to the [Offset] values specified here. (No negative values are allowed)
(2) [Width]	The size of the data object is displayed.
(3) [Copy]	Specify the number of data objects to be copied horizontally and vertically.
(4) [Copy Dist.]	Specify the horizontal and vertical spaces between copied objects to be pasted.
(5) [Print size]	The size of the entire data is displayed.
(6) [Rotate]	The entire data is rotated according to the setting here.
(7) [Mirror]	Select this option to flip the data object horizontally, like a mirror.
(8) [Output method]	Specify how data is output to RasterLink.
(9) [Crop Mark]	This is for applying a Crop Mark to data object. This is mainly used to perform position detection when cutting.
(10) [Detail settings]	Displays the detailed setting screen for cutting.
(11) [Printable Area]	Specify the size of the sheet. You can check the data layout in the sheet displayed in the [Cut], [Print], and [All] tabs.
(12) [Zoom size display]	 Fit in Sheer Size — Displays the entire sheet.  Fit in Sheet Width — Enlarges the sheet width to full screen.  Fit in Objects Size — Displays the enlarged object to fill the screen.
(13) [Output button]	Sends data to RasterLink.

5 Click the [Detailed setting] button to configure the items.



(1) [Sheet Feed]	Feeds a sheet before cutting to check if the last data can be cut.
(2) [Auto Cut]	Cuts the media after cutting data.  ・Specify the length between the end of data and the location where to cut the media. ・Cuts the media every time a row of data has been cut.
(3) [Pinch Roller Pressure]	Specify the pinch roller pressure.  - Specify the pressure used when printing. - Specify the pressure used when cutting. For cutting, separate pressure values can be set for the pinch rollers that hold both ends of the media and the pinch rollers that hold the middle of the media.
(4) Specifying condition	Specify whether to set the cutting condition.
(5) Preset	Select a preset cutting condition.
(6) [Tool]	Select the tool to use for cutting.
(7) Cut setting	Specify the [Speed], [Pressure], and [Offset].
(8) Preset setting	Edit the cut condition preset setting.

6 Check the printable size.



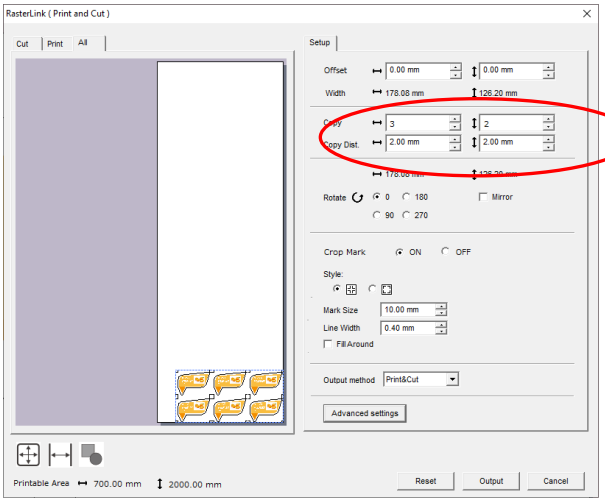
Note!

For roll media, the printable size length is set to the maximum sheet size that has been input on preferences setting window.
The printable size is set when the Auto Execution of RasterLink has been started and the Auto Execution option [Get media information regularly] is enabled.
Refer to “Reference Guide” for additional instructions.

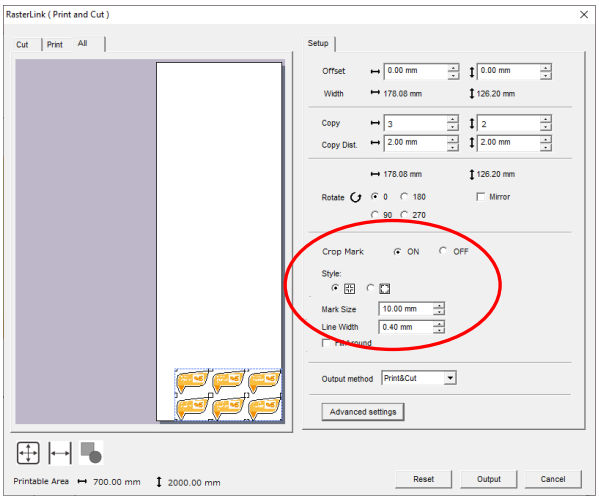
7 Specify the number of data objects to be copied and the spaces between data objects to be pasted.

In the [Copy] fields, enter the number of data objects you want to copy and paste horizontally and vertically.

In the [Copy Dist.] fields, enter the margins between copied data objects to be pasted.



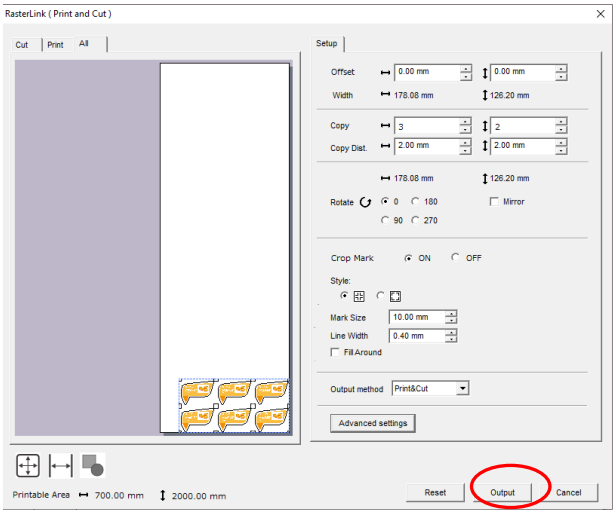
8 Create the Crop Marks.



Note!

The Simple POP crop mark settings will be grayed out if Whole Register Mark is set in the RasterLink favorite settings.

9 Click the [Output] button.



Note!

When setting the [output method] to [Print] with the data that does not have print data, the data is not output.

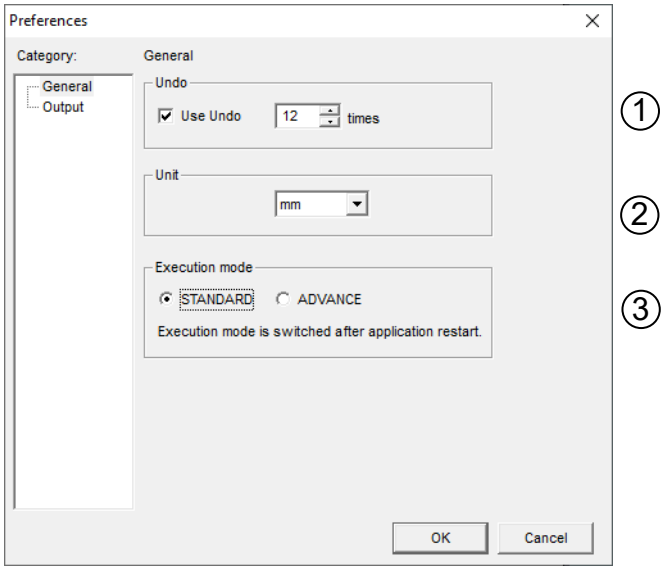
Note!

The part where the print data and cut data overlap is cut.
When not cutting the print data, click the [Cancel] button to rearrange the print data so that they may not overlap

[Preferences]

Configure the operational environment for Simple POP. Select either [General] or [Output] from the left menu.

● [General]



(1) [Undo]

Specify whether to enable the [Undo] function and the maximum number of times you can undo previous operations. Select the checkbox to enable [Undo].

Note!

Setting a larger maximum number increases memory consumption, and Simple POP can slow down.

(2) [Unit]

Selects mm or inches for the display units. The default setting is mm.

Note!

The units cannot be switched to inches for certain items.

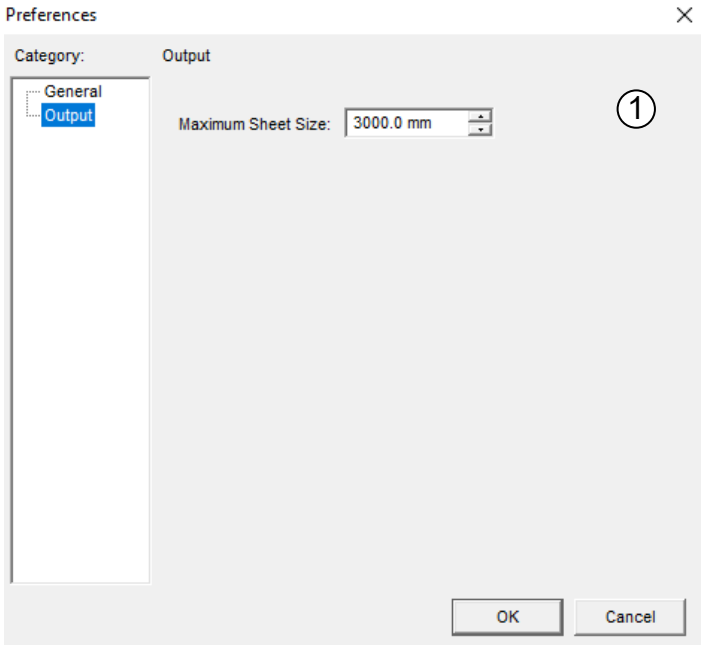
(3) [Execution mode]

Use this function to switch the startup mode. The initial state is STANDARD mode.

Note!

The execution mode changes after restarting Simple POP.

● **[Output]**



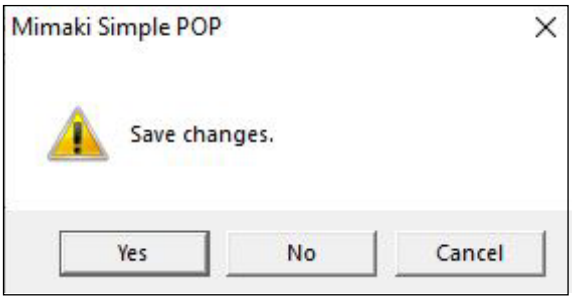
(1) [Maximum Sheet size]

Specify the maximum preview size displayed in the <RasterLink Output> dialog box.

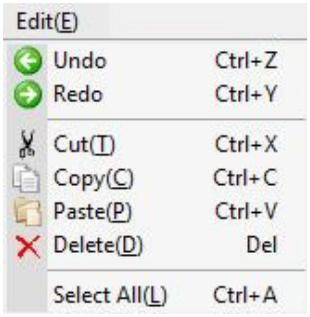
[Exit] Alt + F4

Select this command to exit Simple POP.

If you are editing a document, a window appears asking whether to save it. Click [Yes] to save it and exit Simple POP, click [No] to exit Simple POP without saving it, or click [Cancel] to cancel the exit.



[Edit] menu



[Undo] Ctrl + Z

This menu item undoes the last operation. You can use it when you did a wrong operation.
If you want to undo an operation you have just undone, select [Edit] - [Redo].

Note!

The number of previous operations that can be redone with the [Undo] command is limited by the value specified in [File] - [Preferences].

[Redo] Ctrl + Y

This menu item reverses the last [Edit] - [Undo] operation and returns the data to the original state before the [Undo] command is run.

Note!

This menu item is enabled after you run [Edit] - [Undo]. Otherwise, it is grayed out and cannot be selected.

[Cut] Ctrl + X

This menu item cuts the selected objects from the document and copies them to the clipboard. You can paste the data you have cut into the document with [Edit] - [Paste].
Note that you need to select one or more objects before running the [Cut] command.

[Copy] Ctrl + C

This menu item copies the selected objects to the clipboard. You can paste the data you have copied into the document with [Edit] - [Paste].
Note that you need to select one or more objects before running the [Copy] command.

[Paste] Ctrl + V

This menu item pastes the data copied in the clipboard, that is from another application or data created with Simple POP, into the document.
It does not work if nothing or incompatible data is stored in the clipboard.

Hint!

Data created with Simple POP may be pasted on the position of the original copied data.

[Delete] Del

This menu item deletes the selected objects.

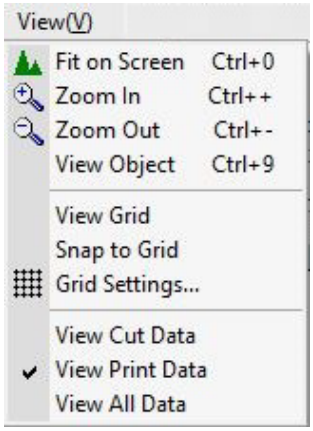
[Select All] Ctrl + A

This menu item selects all the objects on the document.

Hint!

When you are in the [Print] tab, only print data is selected. When you are in the [Cut] tab, only cut data is selected.
When you are in the [All] tab, both print and cut data is selected.

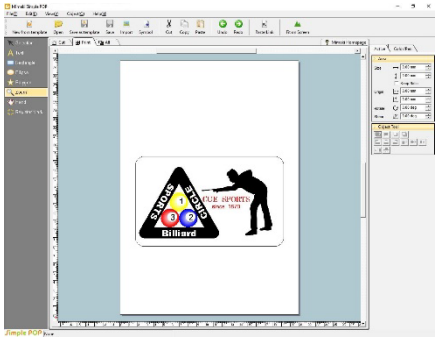
[View] menu



[Fit on Screen] Ctrl + O

This menu item displays all the data in the document when the document is zoomed in and only part of it is displayed, or the document is zoomed out.

A zoomed-in view of a document



After running the [Full on Screen] command

[Zoom In] Ctrl + +

This menu item allows you to zoom in the entire document each time you click the document.

Hint!

If you want to zoom in an area in the document, click the [Zoom In] icon in the Toolbox and drag to enclose the area.

[Zoom Out] Ctrl + -

This menu item zooms out the entire document.

When you create and/or edit data while checking the entire document, the [Zoom Out] command helps you efficiently work in Simple POP.

[View Object] Ctrl + 9

This menu item zooms in the selected object.
When you edit a particular object, the [View Object] helps you efficiently work in Simple POP as the document is zoomed in focusing on the selected object.

Hint!

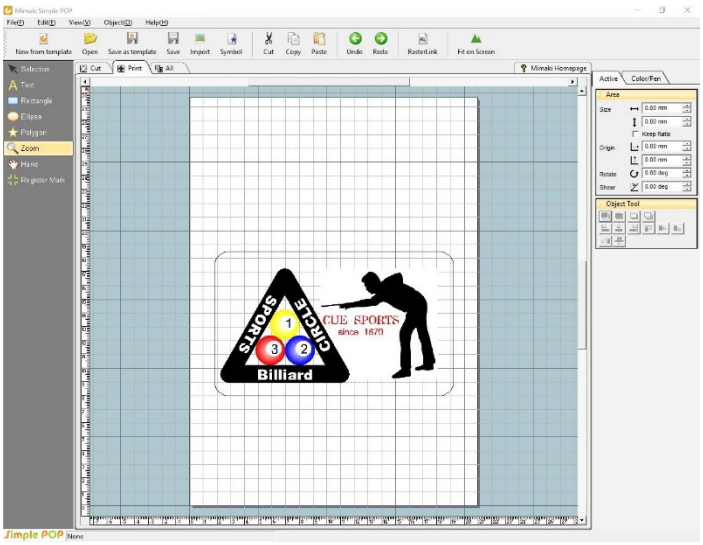
The [View Object] command zooms in the selected object to the width of the display screen. If you want to zoom in more, use [Zoom In].

[View]

This menu item switches between showing and hiding grids. Select [View] to display grids.

Hint!

You can specify the grid size and style with [View] - [Grid Settings].



[Snap]

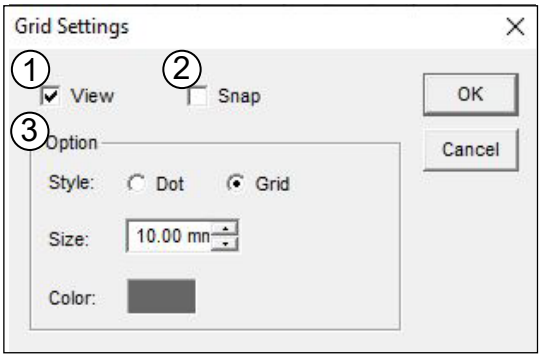
With [Snap] enabled, an object automatically sticks to a grid when you move or copy & paste the object, which helps you create or edit a data layout more easily.

Hint!

You can specify the grid size with [View] - [Grid Settings].

[Grid Settings]

This menu item allows you to set up the grid settings.



(1) [View]

Select the [View] checkbox to display grids.

(2) [Snap]

Select the [Snap] checkbox to enable the [Snap] function.

(3) [Option]

Specify the [Style], [Size], and [Color] of grids.

[View Cut Data]

This menu item is the same as displaying the [Cut] tab.

(→ See page 15)

[View Print Data]

This menu item is the same as displaying the [Print] tab.

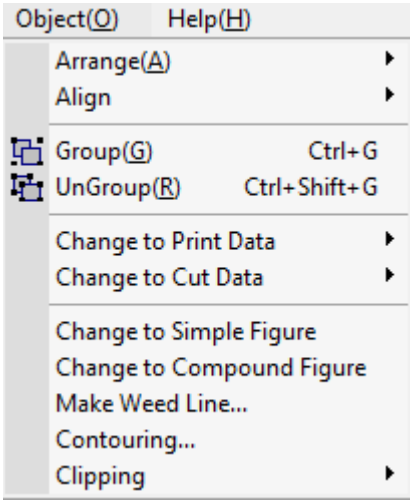
(→ See page 15)

[View All Data]

This menu item is the same as displaying the [All] tab.

(→ See page 15)

[Object] menu



[Arrange]

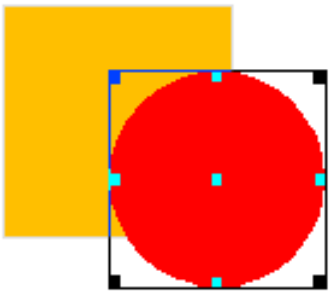
This menu item allows you to stack the selected object differently. Select an object and click one of the following:

- [Bring to Front]
- [Bring Forward]
- [Send Backward]
- [Send to Back]

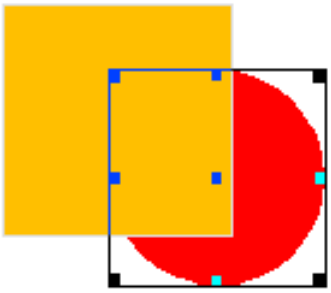
Hint!

* If you want to bring an object to the front of the stack, click [Bring to Front] in the following procedure item 2.
* [Bring Forward] and [Send Backward] move the layer one level up or down of the stack.

1 **Select the object you want to stack differently.**



2 **Click [Object] - [Arrange] - [Send to Back]. The selected object is sent to the back of the stack.**

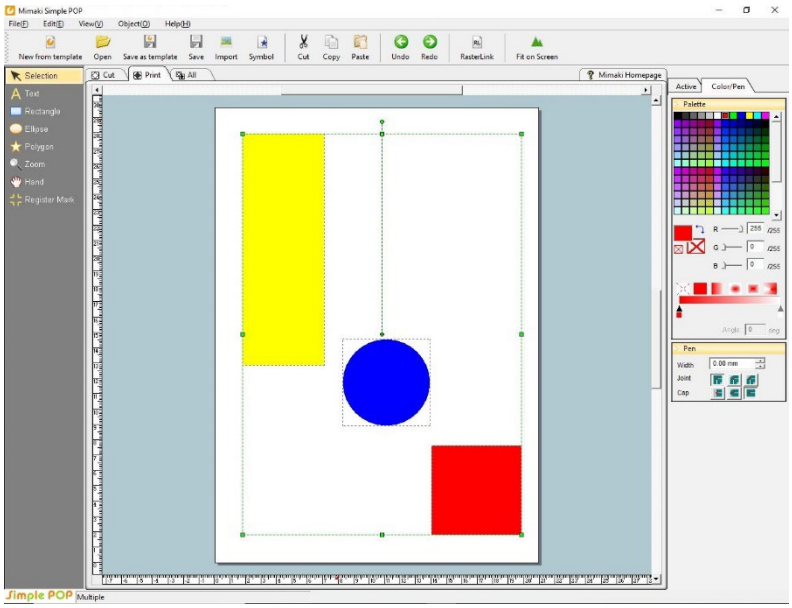


[Align]

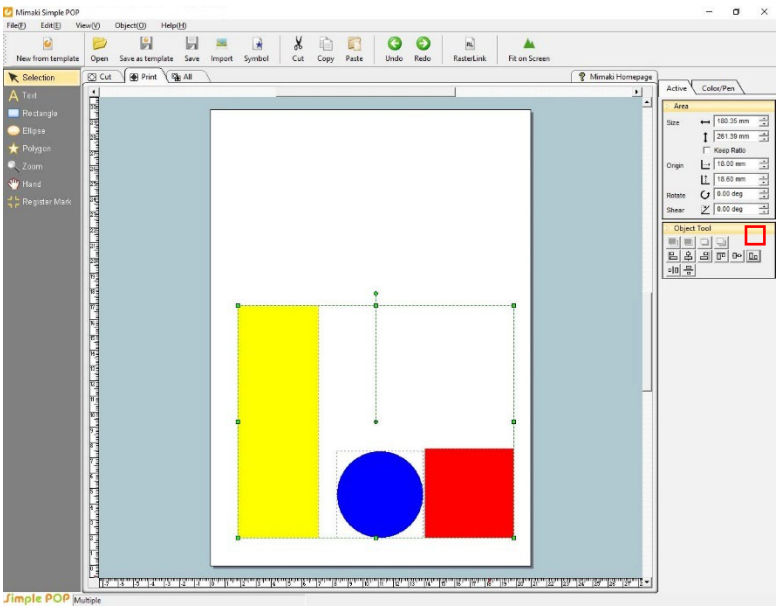
This menu item allows you to align multiple objects horizontally or vertically.

Note! It is enabled only when multiple objects are selected.

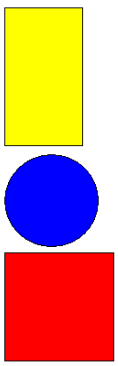
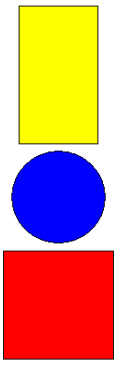
1 **Select the objects you want to align.**

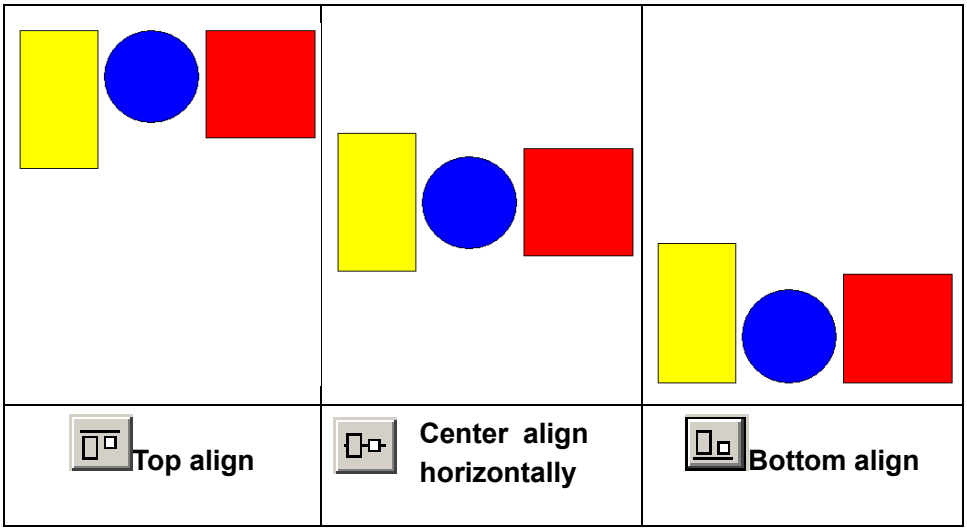


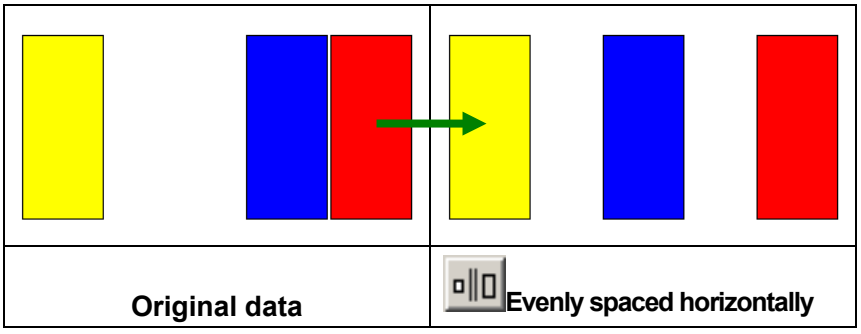
2 **Select the align icon .**

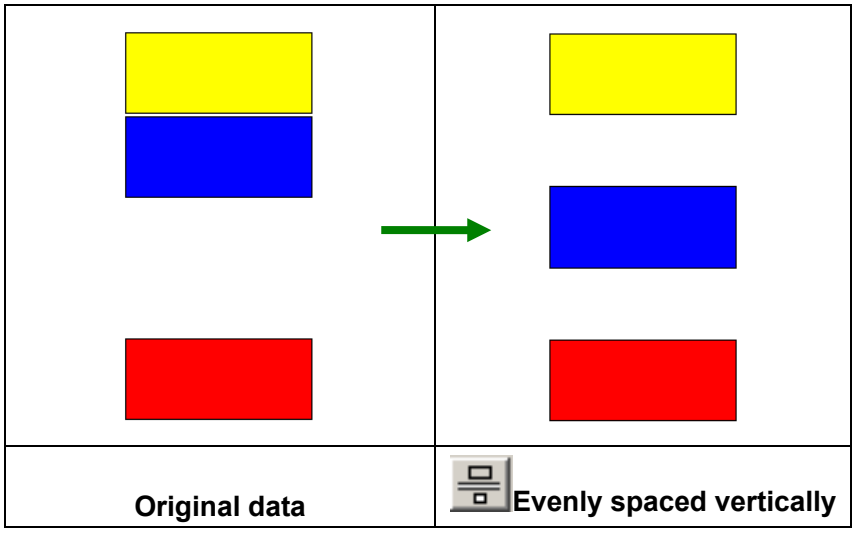


Alignment examples

		
Left align	Center align vertically	Right align


Top align
Center align horizontally
Bottom align

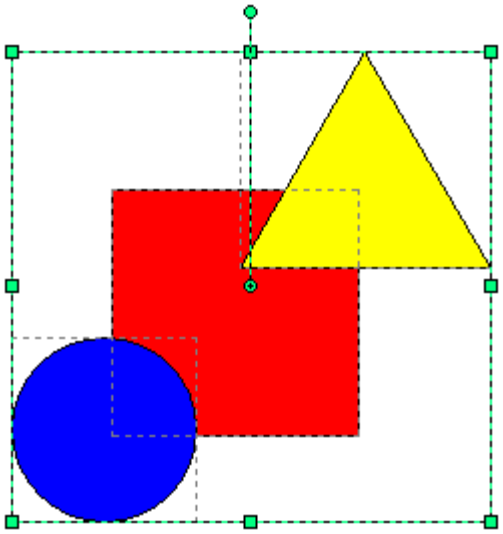

Original data
Evenly spaced horizontally


Original data
Evenly spaced vertically

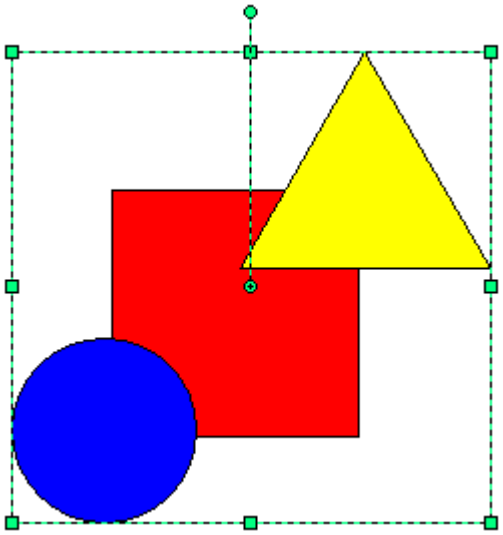
[Group] Ctrl + G

This menu item allows you to group multiple objects while keeping each object's attributes. Once you group objects, you can edit them as a single object.

1 **Select the objects you want to group.**



2 **Click [Object] - [Group].**



[UnGroup] Ctrl + Shift + G

This menu item allows you to ungroup the grouped objects, returning it back to multiple separate objects.

1 **Select the grouped object you want to ungroup.**

2 **Click [Object] - [UnGroup].**

[Change to Print Data]

This change selected objects into print data. Either [Copy] or [Move] can be selected as the method of changing the object to print data.

[Change to Cut Data]

This change selected objects into cut data. Either [Copy] or [Move] can be selected as the method of changing the object to cut data.

[Change to Simple Figure]

Convert selected objects to simple figures.

Convert objects such as squares, circles, polygons, and arrows to a single simple figure.

Convert characters or group objects to a grouped simple figure.

Hint!

The object's points can be edited freely by converting the object to a simple figure.
(→ See page 13)
A grouped simple figure should be ungrouped before editing the points.

[Change to Compound Figure]

Convert multiple selected or grouped simple figures into compound figure (compound paths).

When converted to a compound figure, the overlapping paths are transparently processed (background visible). The resulting compound figure will have the same fill and line colors of the forefront simple figure.

Hint!

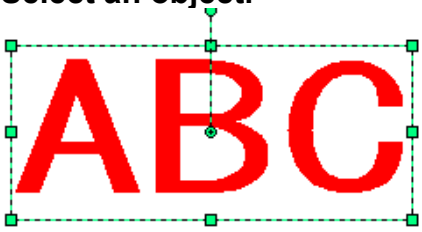
Before converting to a simple figure, character and polygon cannot be converted to compound figures.

Convert an object to a simple figure and then convert it to a compound figure.

[Make Weed Line]

To make it easier to peel off the unwanted part of the sticker, it is convenient to make a cut line around the object (precut). Here, the cut line around the outside of the object is called a weed line. Making weed line creates a cut line and a frame.

1 **Select an object.**



2 **Click [Object] - [Make Weed Line].**

3 **Set the weed line.**

(1) Free setting

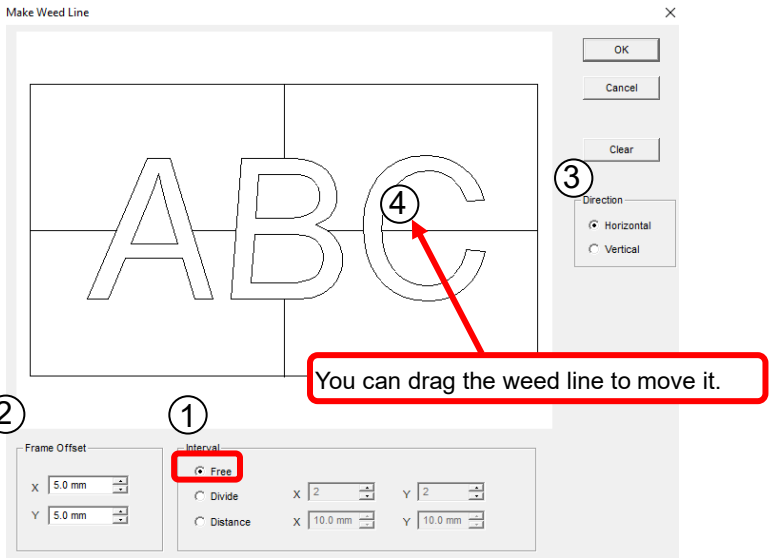
① Select [Interval] - [Free].

② In [Frame Offset], set the distance between the object and the frame. (In the diagram below, the vertical distance to the frame is set to 5 mm.)

* If there is a gap in the weed line even if [Frame Offset] is set to 0, selecting [Object] - [Change to Simple Figure] eliminates the gap

③ In [Direction], set the direction in which to create the weed line (horizontal or vertical).

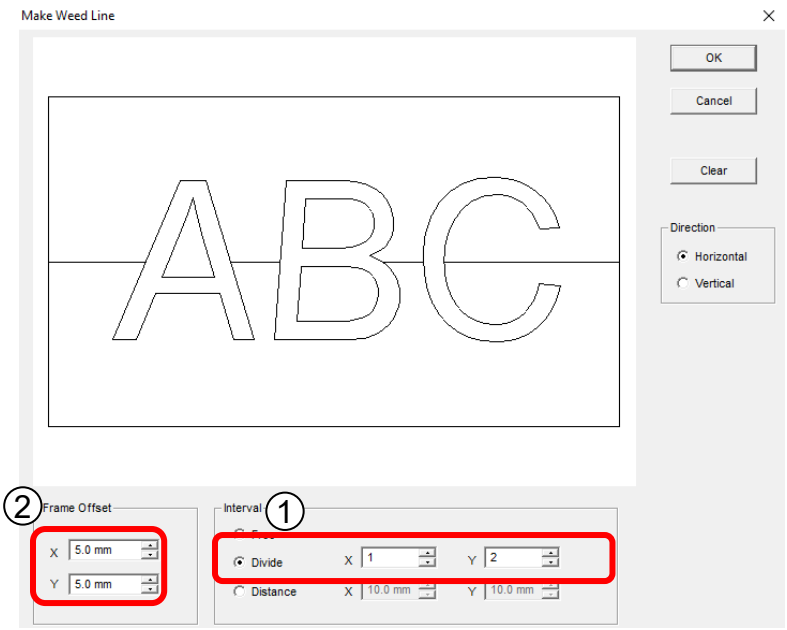
④ Click the position to create the weed line.



(2) Divide setting

① Select [Interval] - [Divide]. Select or enter the number of horizontal and vertical divisions

② In [Frame Offset], set the distance between the object and the frame

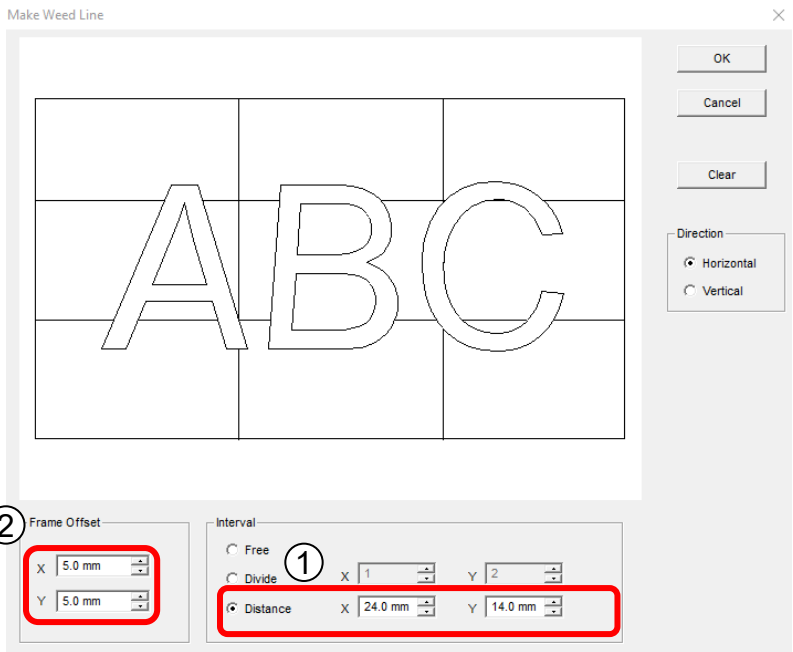


(3) Distance setting

① Select [Interval] - [Distance].

Select or enter the horizontal and vertical cut line intervals.

② In [Frame Offset], set the distance between the object and the frame.



Hint!

Click [Cancel] to return to the Simple POP screen without making a weed line.
Clicking [Clear] deletes all weed line except for the frame.

Hint!

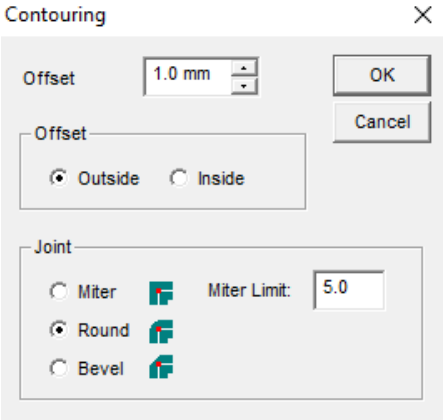
To delete individual weed lines, select [Interval] - [Free], and drag lines that you want to delete to the edge of the screen.

4 **Click the [OK] button when you complete the settings.**

[Create Outline]

Create the outline data from the selected object.

For example, when you want to cut at the point of 2mm outside of the data to be printed, you can create the cut data using the object to be printed as the original by creating the outline.

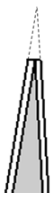


Amount of offset	Specify the distance between the selected object and the outline figure to be created.	
Offset	Specify whether the outline figure will be created inside or outside the selected object.	
Joint	Specify the shape of corners of the outline figure.	
	Miter	The outline figure is created with a similar shape to the original object. However, depending on the value of the Miter Limit, the shape of corners may be beveled.
	Round	The outline figure is created with rounded corners.
	Bevel	The outline figure is created with beveled corners.
Miter Limit	Use to set the joint to Miter. A smaller value for the Miter Limit prevents from sticking out because the shape of corners is processed with a bevel. A larger value for the Miter Limit can be processed the shape of corners with a Miter.	

Hint!

If the joint is set to Miter, the created outline figure will change depending on the shape of corners of the original object and the miter limit. Check the criteria sample while changing the value of the Miter Limit.

Miter Limit: 5
Bevel processing

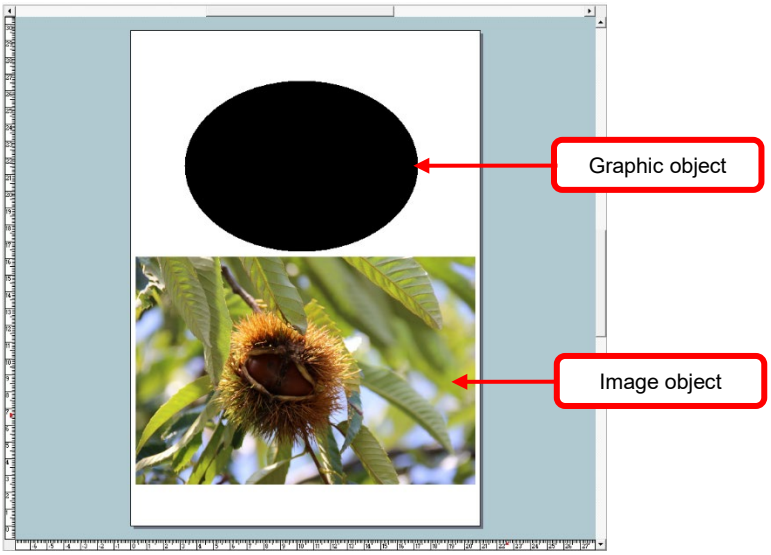


Miter Limit: 10
Miter processing

[Clipping]

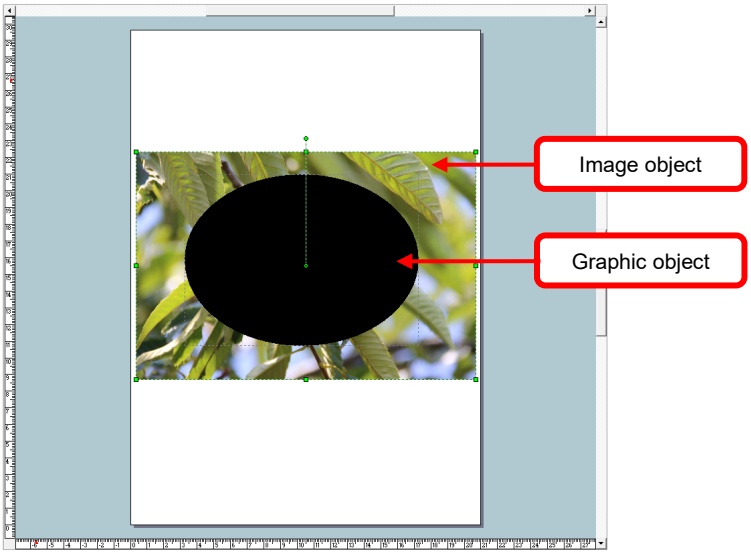
This menu item allows you to display an image object as if it was cut out in a shape such as a color-filled shape.

1 **Prepare a graphic object for the shape of the clipping and an image object to be clipped out.**

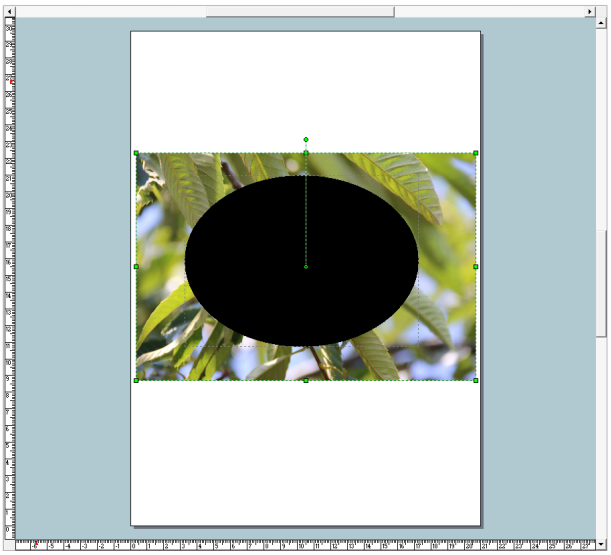


Note! The shape of the clipping cannot be specified by the image object.

2 **Put the graphic object on the image object.**



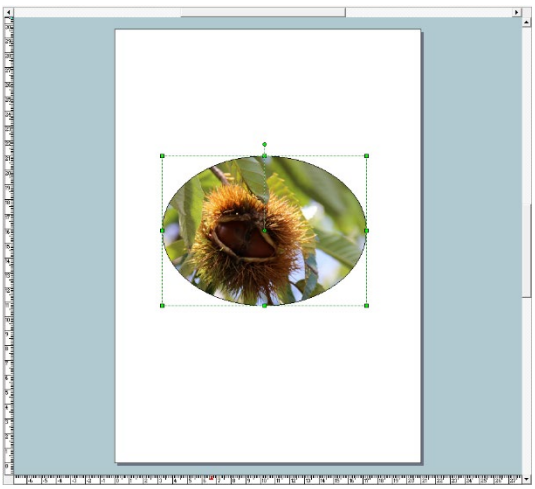
3 **Select the graphic object and image object.**



Hint!

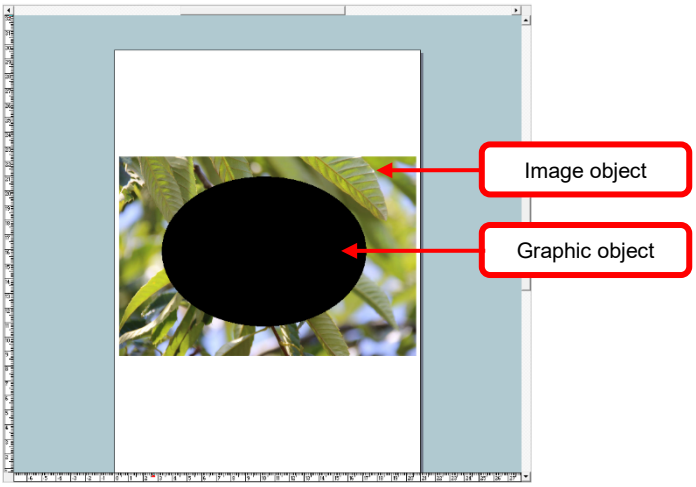
You can select both objects by clicking the graphic and image objects while holding down the Shift key. (⇒ Page 8)

4 **Click [Object] - [Clipping] - [Clipping setting]. The image object is displayed in an oval shape.**



To cancel a clipping:

1. **Select the grouped object clipped.**
2. **Click [Object] - [Clipping] - [Clipping cancellation]. The graphic object and the image object is in the original state.**



[Help] menu

[Version Info]

This menu item displays the version information of your Simple POP. Please check this version information before you call our support line.

At times like this

Error Message	Indicate condition	Remedies
Sorry, this data cannot output. The printable area cannot check. Please check the printer or RasterLink settings again.	Printer does not startup.	Turn on to start it up.
	RasterLink does not startup.	Start up RasterLink. [Procedure] -> See “RasterLink Installation Guide”
	No media is set on Printer.	Set media on Printer.
	Printer media width is less than 209 mm.	Set media at least 210 mm wide.
	The setting for creating individual Crop Mark is stored in RasterLink favorites.	Do not apply the setting for creating individual Crop Mark to RasterLink favorites. Create the individual Crop Mark with Simple POP.

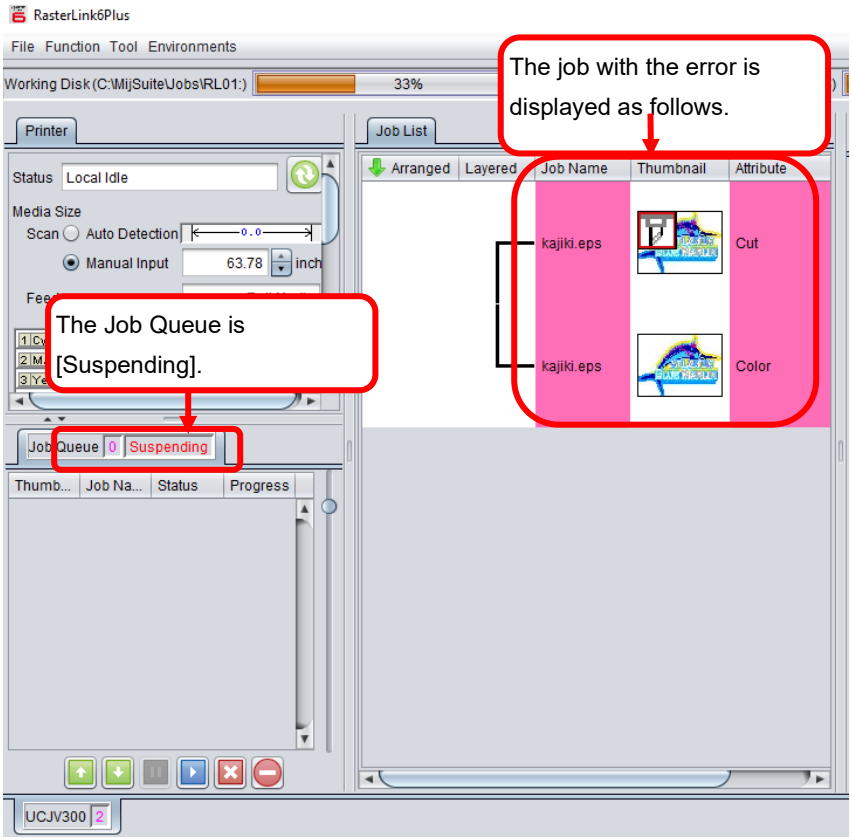
Warning Message	Indicate condition	Remedies
Cannot confirm the printable size. Please adjust the setting of this data with application of RasterLink series.	Auto execution of RasterLink stops.	Follow the “Simple POP Setup Guide” to execute Setup. ※If you do not perform auto execution in RasterLink, the setup is not required. Continue the operation. By checking the [Do not display this dialog again], the message will no longer be displayed.
	Auto execution in RasterLink starts. However, the auto execution setting option [Get media information regularly] is invalid.	
This data is out of printable area. Please resetting.	The setting exceeds the printable size on the RasterLink output window.	Readjust the setting within the printable size.
This data cannot make the crop mark. Please set the short side of the data to 50 mm or more.	The size of shorter side of data is less than 50mm.	The minimum size to create a crop mark is 50mm in Printer. Set the size to 50mm and larger.

If an error occurred in the RasterLink

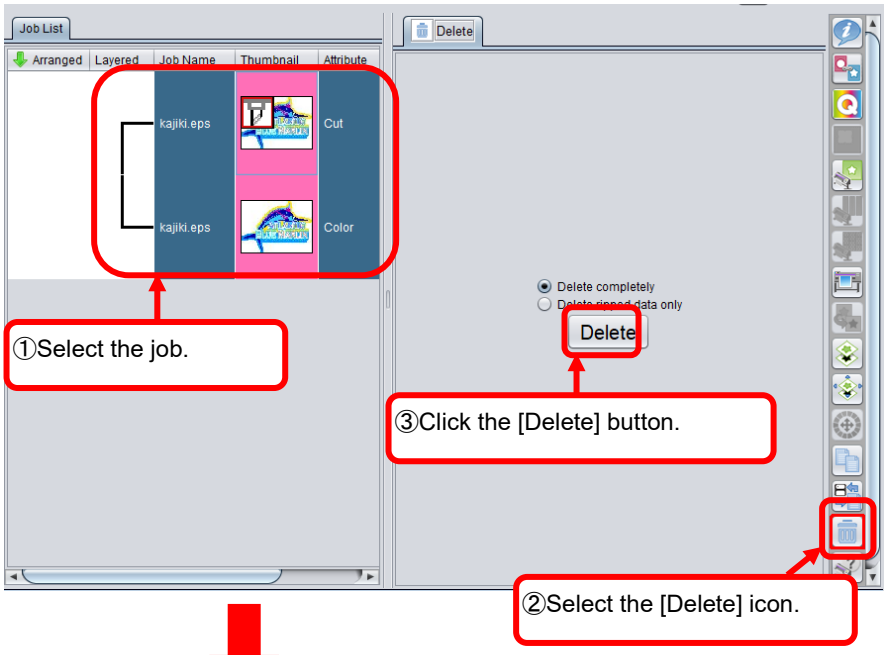
If an error occurs when the auto execution in RasterLink starts, the Job Queue stops and you cannot print.

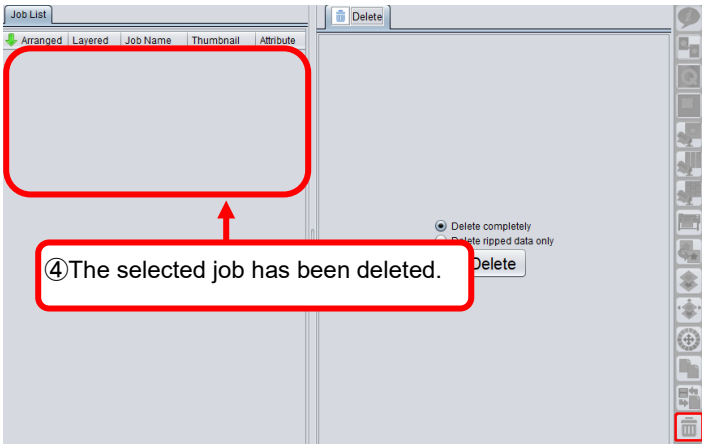
Operate RasterLink along with the following procedure to restart auto execution.

1 Open the RasterLink window and check for the error.



2 Delete the job which error occurred.

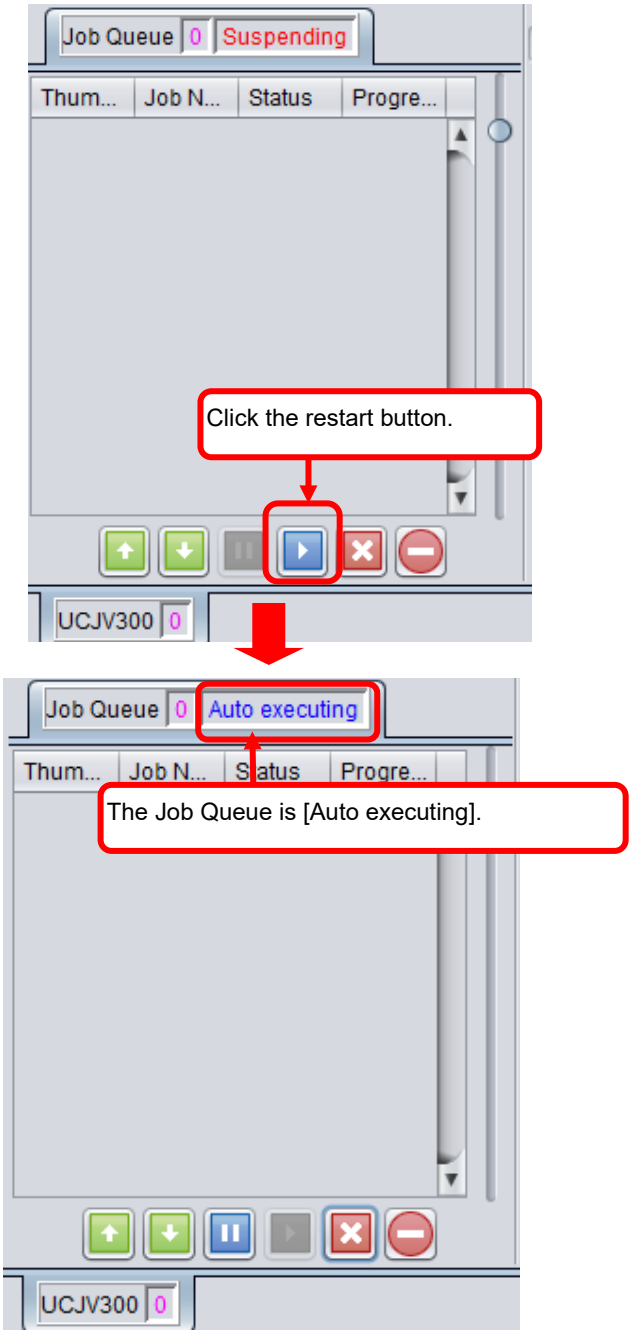




Note !

Select and delete all the composition jobs.
If you select only one of them, it cannot be deleted.

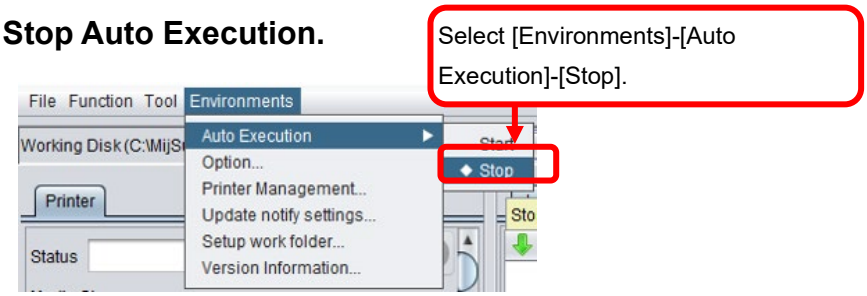
3 **Restart the Job Queue.**



How to add whole crop marks and print

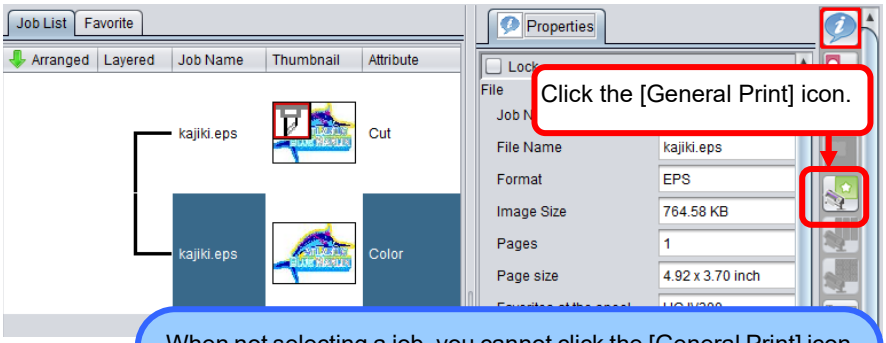
When adding the whole crop marks and then print with auto execution, setup RasterLink again. Follow the steps below.

1 Stop Auto Execution.



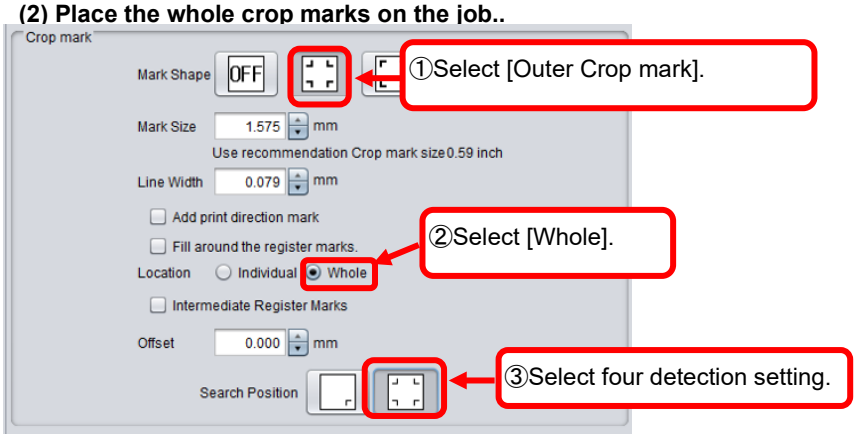
2 Hot Folder creation (Set whole crop mark).

(1) Click the [General Print] icon.



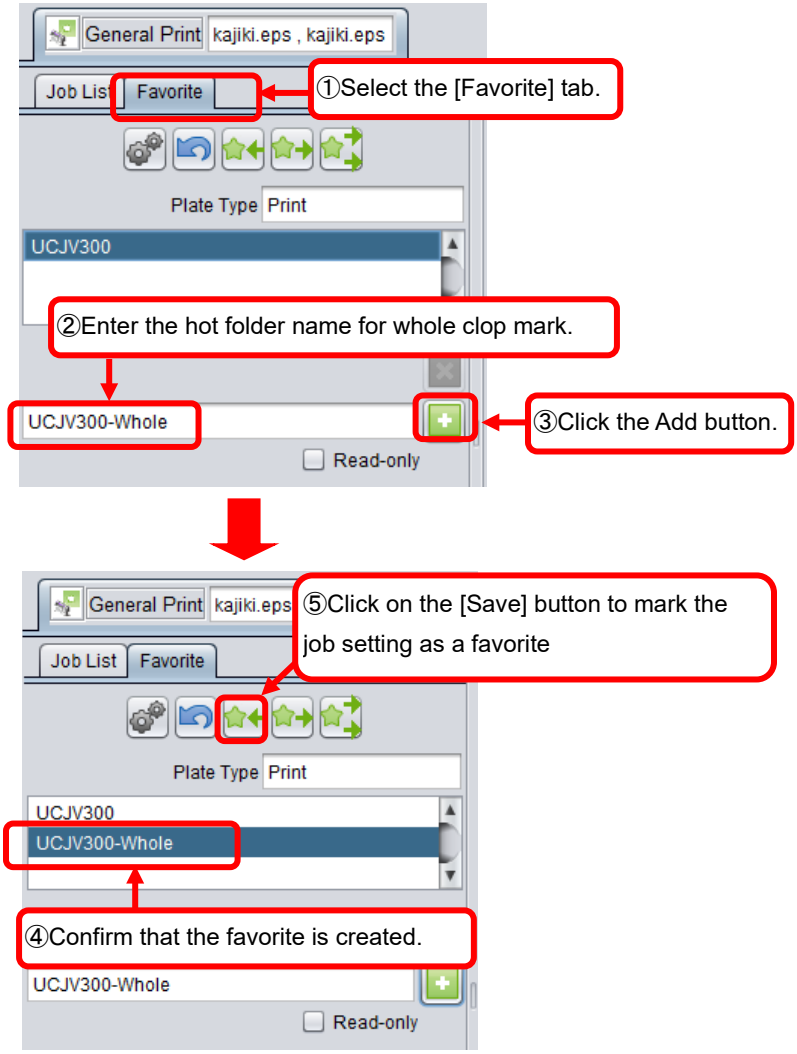
Note ! When not selecting a job, you cannot click the [General Print] icon. Read and select a job. Refer to the “Reference Guide” of RasterLink on how to read an Image.

(2) Place the whole crop marks on the job..

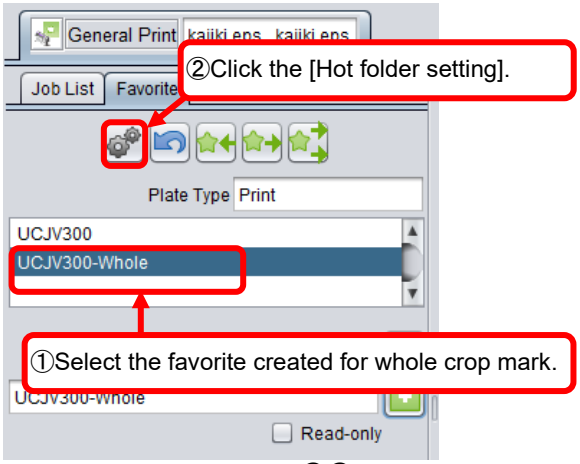


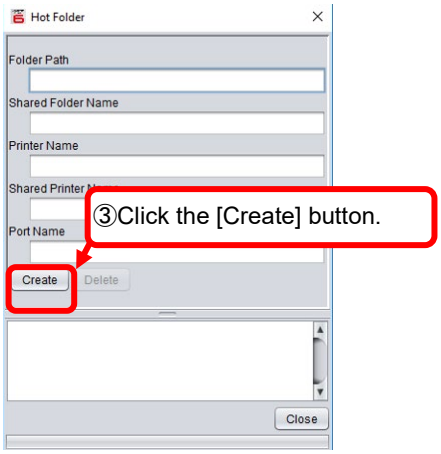
Hint ! Do not select individual crop marks, as these cannot be used.

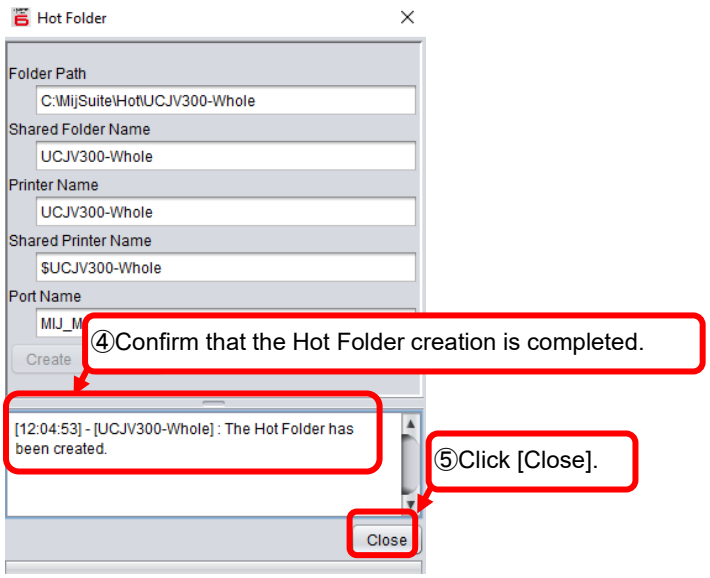
(3) Favorite creation (Set whole crop mark).



(4) Hot folder creation (Set whole crop mark).



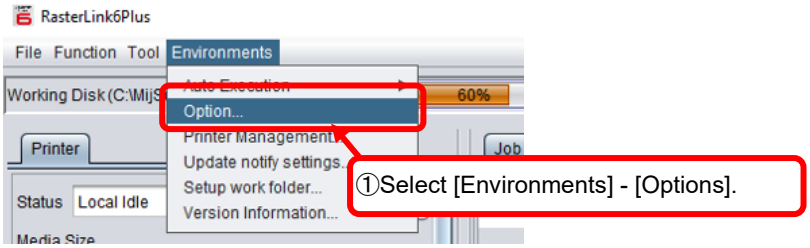




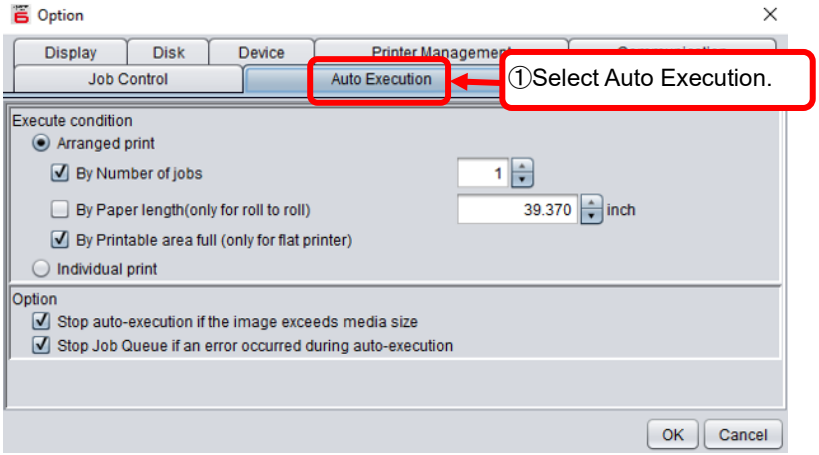
Note ! After creating the Hot folder, delete the imported jobs.

3 Auto Execution setting.

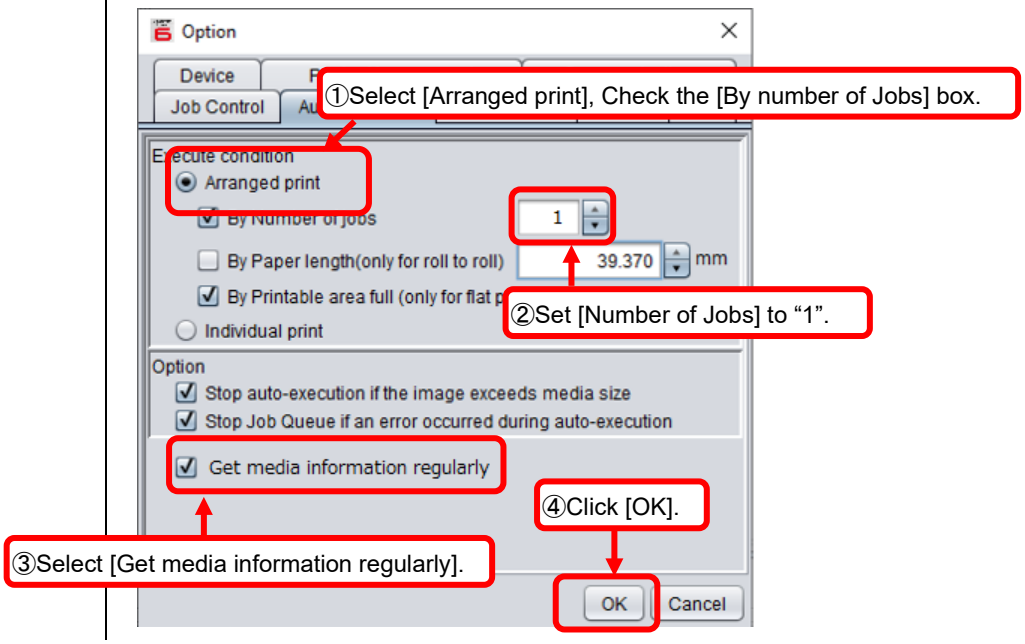
(1) Display the Option window.



(2) Select the [Auto Execution] tab from the Option dialog displayed.



(3) Set execution conditions.



4 Start Auto Execution.

The RasterLink setup is completed.

Select the Hot Folder for adding the whole crop marks, when outputting the data designed with Simple POP in RasterLink.

Note !

The number of jobs set by auto execution represents the number of the data output from Simple POP in RasterLink.
It is not the number of copies that is set on the Rasterlink output window of the Simple POP.
Example: When setting 3 copies and outputting the data twice on RasterLink output window of Simple POP, the number of jobs becomes 2.

Note !

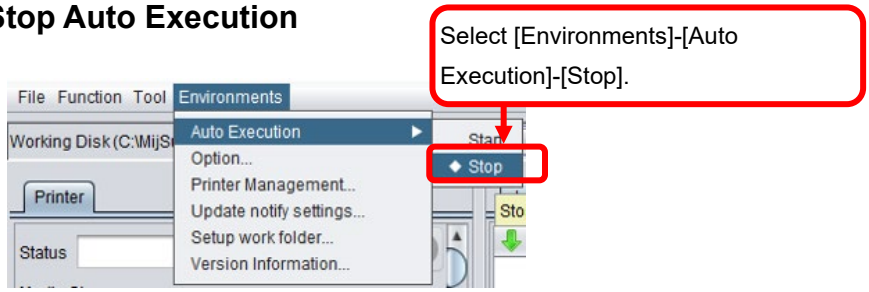
If data is output from Simple POP to RasterLink without setting [Auto Execution] to [Start] in step 4, some of the crop marks added to the job will not be printed. If this happens, set [Scan] and [Feed] for [Move] to the same values as [Size] for [Register Mark] while checking the preview in RasterLink.

How to arrange (imposition) and print

Arrangement (imposition) is a feature that allows you to print multiple images together.
Setup RasterLink again when arrange and print multiple images.
When arrange and print the images by auto executing RasterLink, do the following setup.
When manually arrange the images without auto execution, follow "How to adjust the settings with RasterLink".

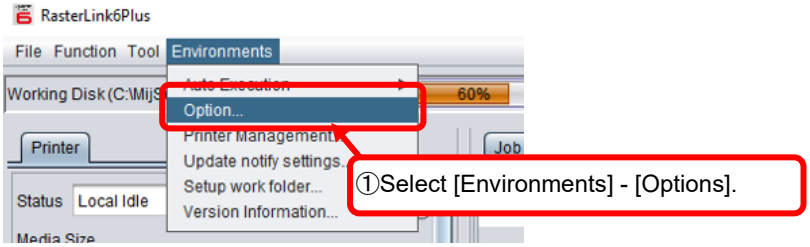
This section explains on how to arrange and print images by auto executing RasterLink.

1 Stop Auto Execution

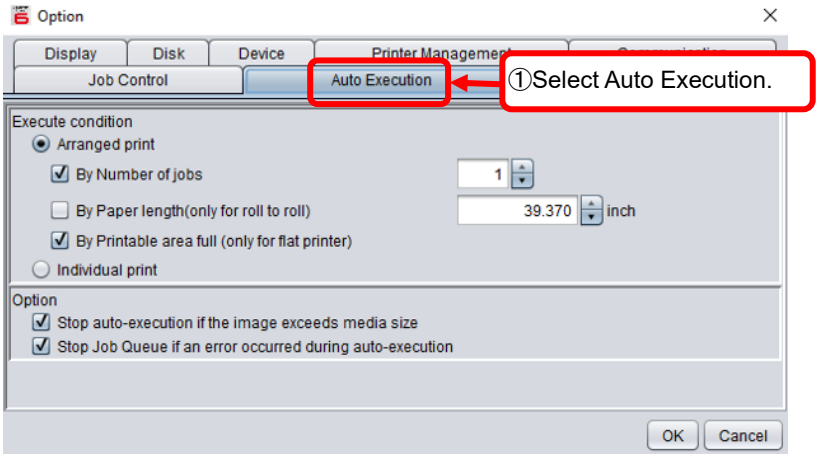


2 Auto Execution setting.

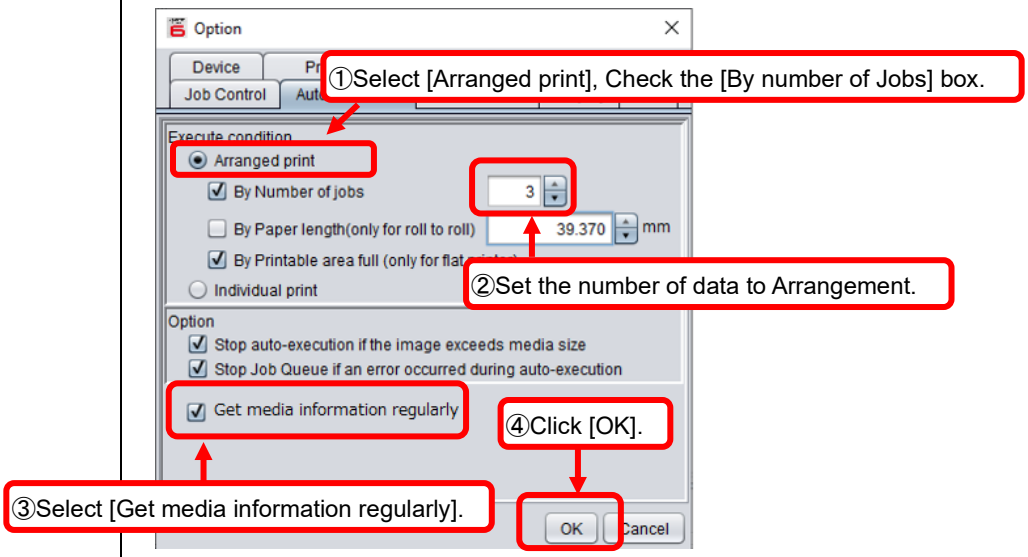
(1) Display the Option window.



(2) Select the [Auto Execution] tab from the Option dialog displayed.



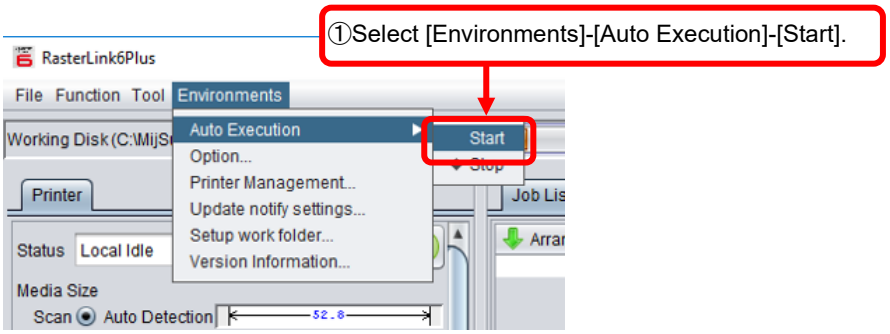
(3) Set execution conditions.



Note !

The number of jobs set by auto execution represents the number of data output from Simple POP in RasterLink.
It is not the number of copies that is set on the Rasterlink output window of the Simple POP.
Example: When setting 5 copies and outputting the data twice on RasterLink output window of Simple POP, the number of jobs becomes 2.

3 Start Auto Execution.



The RasterLink setup is completed.

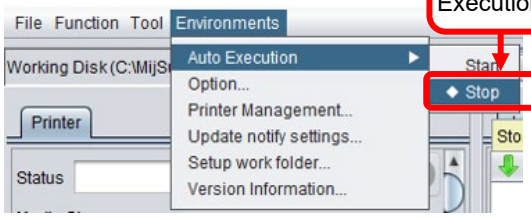
When changing the number of arrangements (impositions), setup as above.

How to adjust settings with RasterLink

When adjusting settings in RasterLink, stop auto execution.
This section explains on how to stop auto execution.

1 Stop Auto Execution

Select [Environments]-[Auto Execution]-[Stop].



Note ! Restart Simple POP and RasterLink after auto execution stop.

RasterLink auto execution stops.
When outputting the data designed with Simple POP in RasterLink, it will appear on the job list of RasterLink. Refer to the “RasterLink Reference Guide” on how to adjust the settings.

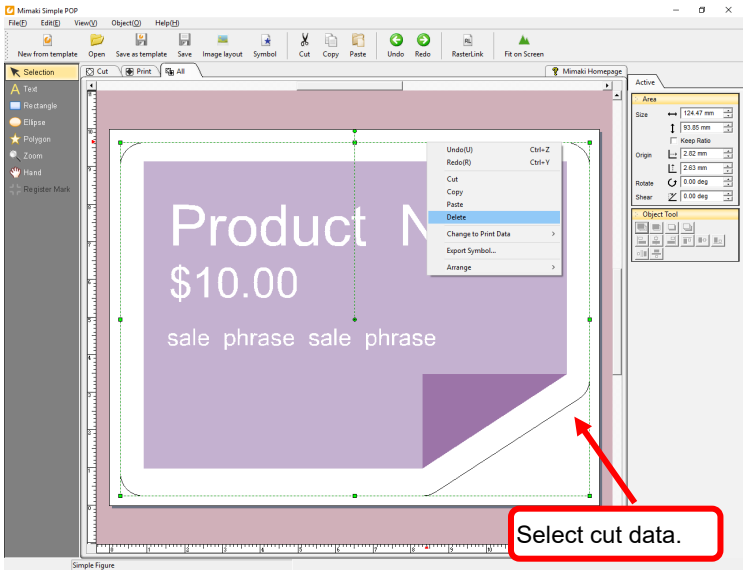
How to create cut data

The objects created on the [All] tab or the [Cut] tab are created as cut data.

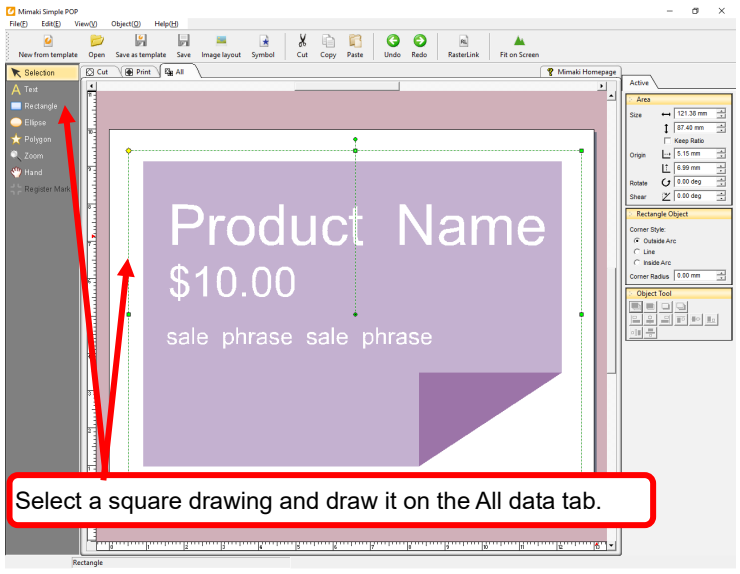
This section explains on how to delete template cut data and create new cut data.

1 **Select an arbitrary template and display the [All] window.**

2 **Select cut data, and then right-click to select [Delete].**

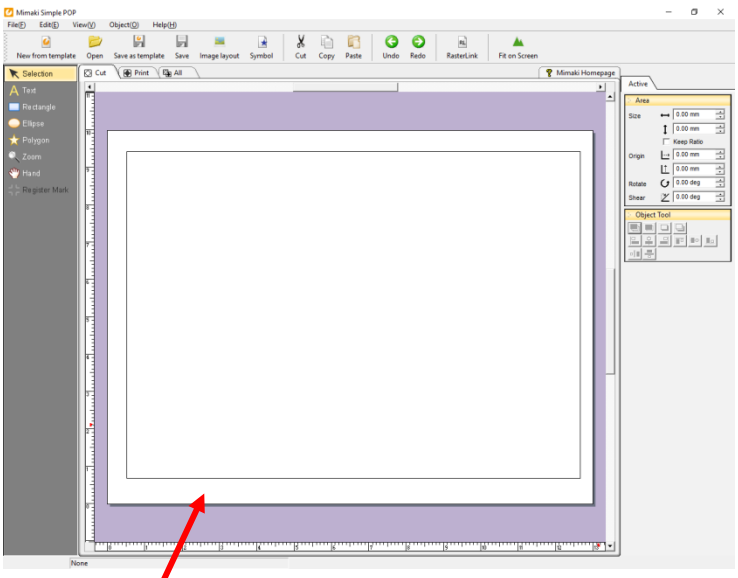


3 **Select any tool from the toolbox to make the object. (Select [Rectangle] here.)**



4

Display the [Cut] tab to see that it is created as cut data.



How to print white characters with white

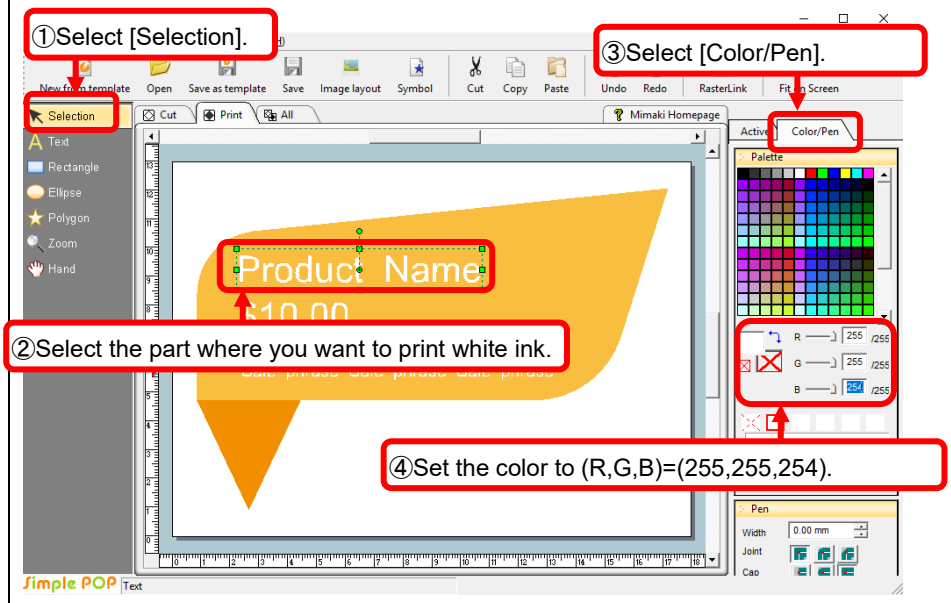
When printing white characters with white ink, set the favorite for white ink printing to an effective pixel using RasterLink, and then change Simple POP color value.
This section explains on how to set RasterLink and operate Simple POP.

1 **Create the favorite setting with RasterLink.**

The procedure to set favorite for printing white ink to an effective pixel is described in “3-(4) Favorite creation” of “Setup Guide”.
See the “Setup Guide” to create the favorite setting.

2 **Open any template in Simple POP and display the Print tab.**

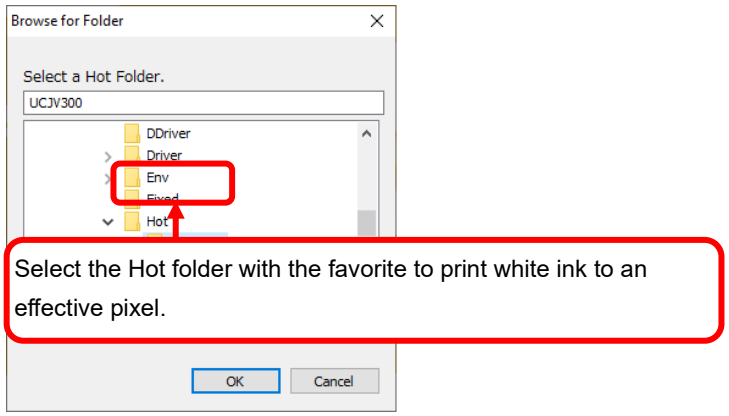
3 **Set the color value to the part where you want to print white ink.**



Note !

When setting the color above, very tint color may be printed on the white characters depending on the RasterLink output settings. Perform test printing in the output setting and then perform this procedure after checking the print result.

4 When data is output, select the Hot Folder with the favorite setting created in 1.



After selecting a hot folder, set the output in the RasterLink output window and then click the output button. RasterLink outputs the data and the white ink is printed to the effective pixel part.

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Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumni.caltech.edu

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