

Raster Link 7

(Ver.3.3.3 or later)

Job Creator guide

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Introduction

Note

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Job Creator

1. Overview

Job Creator can be directly launched from the RasterLink7 menu.

This tool allows you to create a RasterLink7 job by simply selecting a template and image.

For composite jobs that use special colors, this reduces the need to perform difficult operations on the RasterLink7 screen.

Templates can be obtained from the downloads section of our official website.

You can also create your own original templates from RasterLink7 backup job files.

Job Creator

2. Installing the Job Creator

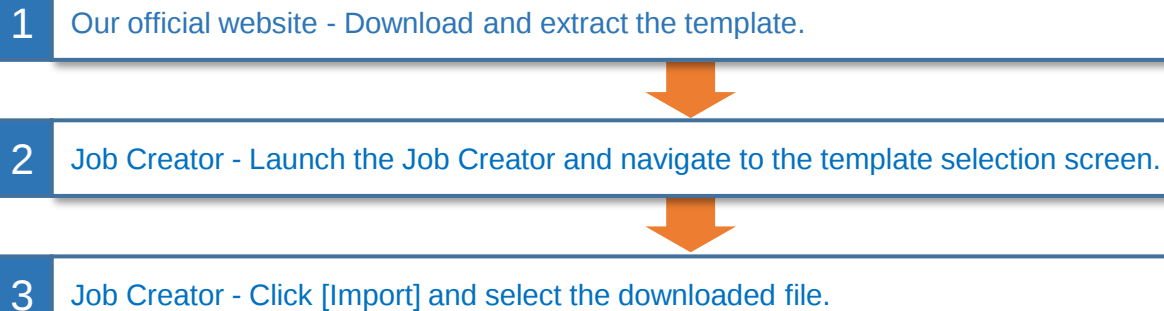
When RasterLink7 is installed, Job Creator is also installed with it.

<https://mimaki.com/product/software/rip/raster-link7/download.html>

Job Creator

3-1. Importing a Template

Workflow

- 1 Our official website - Download and extract the template.
 - 2 Job Creator - Launch the Job Creator and navigate to the template selection screen.
 - 3 Job Creator - Click [Import] and select the downloaded file.
- 
- ```
graph TD; A[1 Our official website - Download and extract the template.] --> B[2 Job Creator - Launch the Job Creator and navigate to the template selection screen.]; B --> C[3 Job Creator - Click [Import] and select the downloaded file.]
```

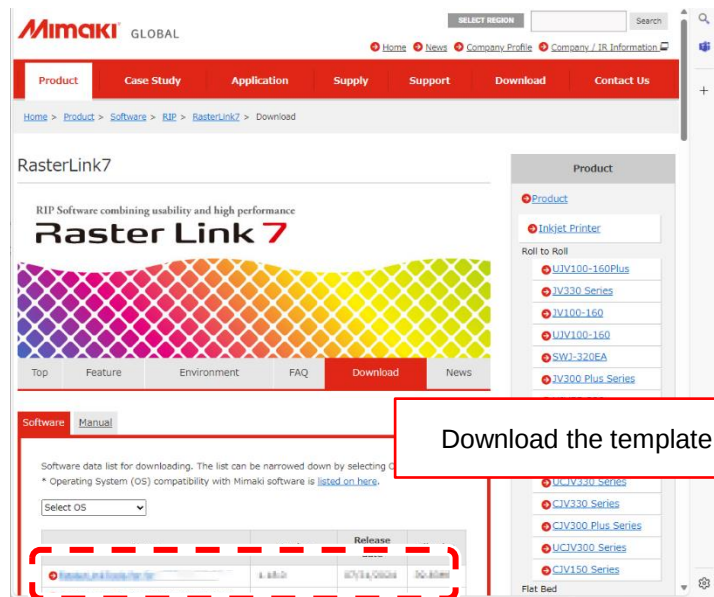
# Job Creator

## 3-1. Importing a Template

Procedure



Download the template for your printer from the RasterLink7 product page.



Download the template from the following URL.

<https://mimaki.com/product/software/rip/raster-link7/download-utility.html>

Alternatively, download it from your printer's [Product] site > [Download] > [Driver / Utility].

If there is no template for your printer on the above site, create a template from a backup job.

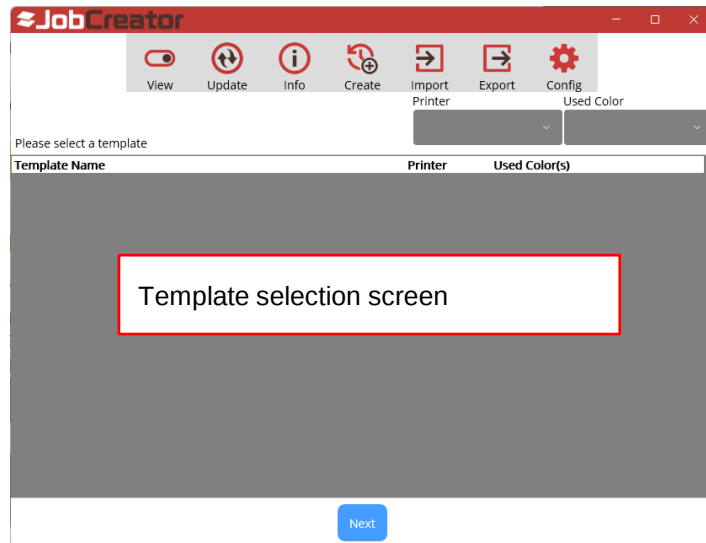
# Job Creator

## 3-1. Importing a Template

Procedure



Launch the Job Creator and navigate to the template selection screen.



The Job Creator can be launched using one of the following methods:

- Select [Open(JobCreator)...] from the RasterLink7 [File] menu.
- Select the desired job in the RasterLink7 job list, right-click it, and then click [Recreate(JobCreator)...] from the context menu.

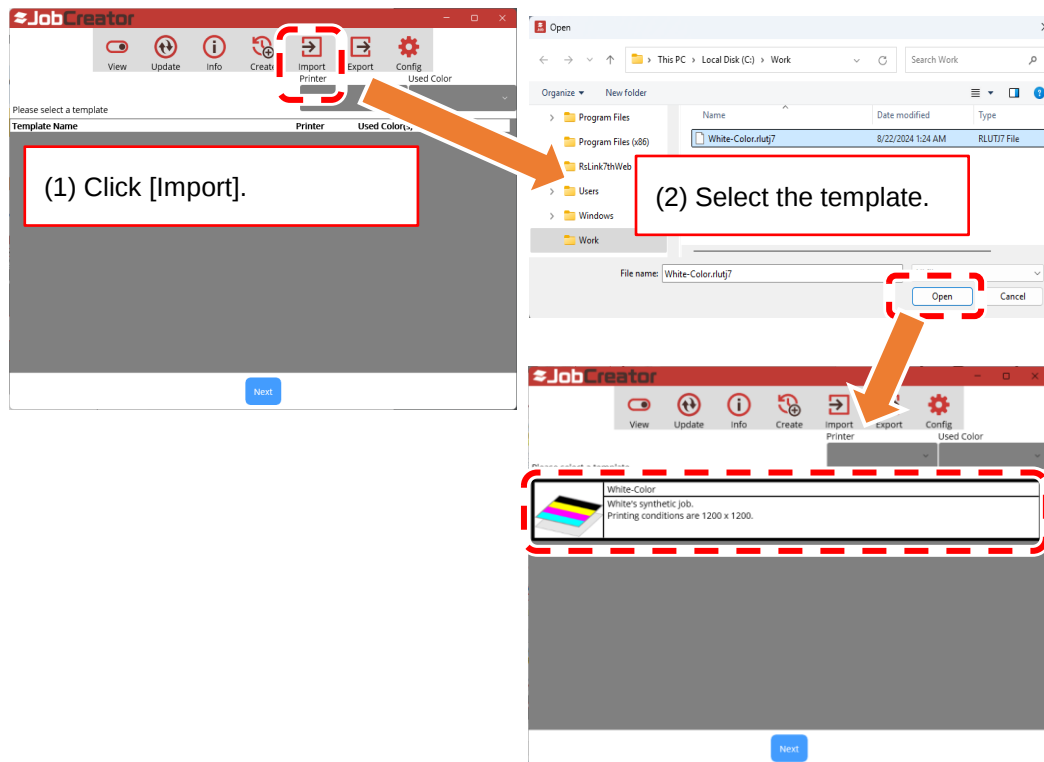
# Job Creator

## 3-1. Importing a Template

Procedure



Click [Import] and select the downloaded template.



(3) The profile will be installed and the template will be added.  
Wait several seconds until the template is added to the template selection screen.

(4) The template is added to the template selection screen.

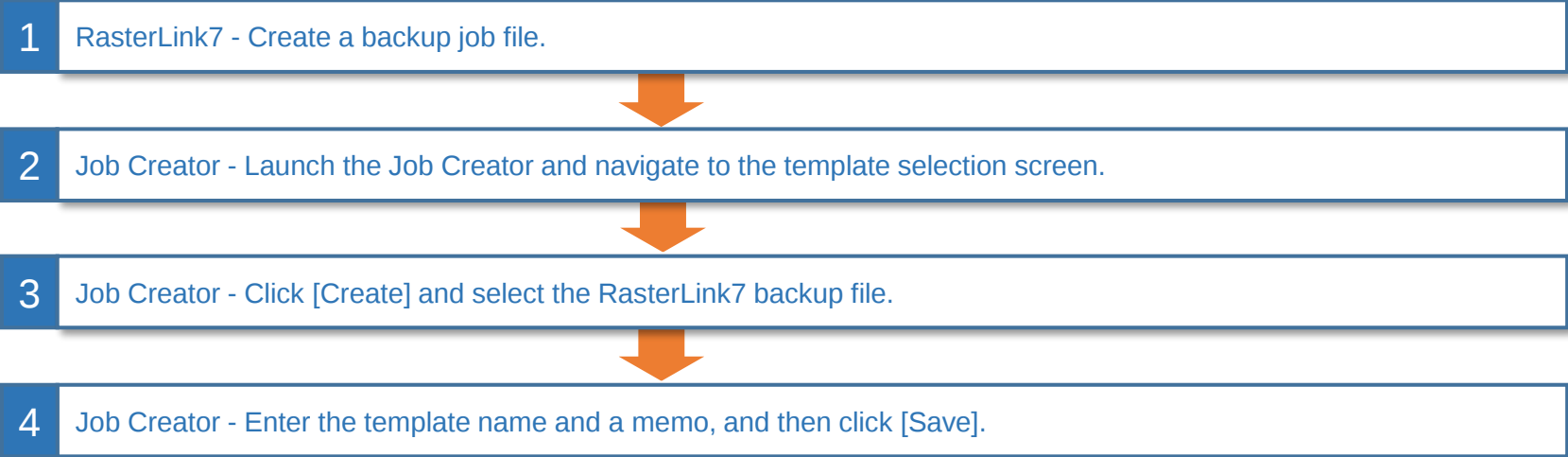
# Job Creator

## 3-2. Creating a Template

The following procedure can be used to create your own original template.

Before starting the procedure, create a job for the template in RasterLink7.

### Workflow

- 1 RasterLink7 - Create a backup job file.
  - 2 Job Creator - Launch the Job Creator and navigate to the template selection screen.
  - 3 Job Creator - Click [Create] and select the RasterLink7 backup file.
  - 4 Job Creator - Enter the template name and a memo, and then click [Save].
- 

# Job Creator

## 3-2. Creating a Template

Procedure



This example shows a white-to-color composite job.

Select a job for the template in the RasterLink7 job list and create the backup job file.

\*Be sure to create a backup job using RasterLink7 v3.3.3 or later.

Operation is not guaranteed if created with backup jobs prior to RasterLink7 v3.3.3.

The screenshot shows the RasterLink7 Job List on the left and the Backup dialog box on the right. The Job List has columns: Arranged, Layered, Thumbnail, Job Name, Attribute, and Date. The Backup dialog box has a 'Please specify the destination file name to save.' title bar, a file explorer view, and a 'Save' button.

(1) Select a job for the template.

(2) Click [Backup].

(3) Click [Save] to save the backup job file.

| Arranged | Layered | Thumbnail | Job Name   | Attribute                         | Date                 |
|----------|---------|-----------|------------|-----------------------------------|----------------------|
|          |         |           | kajiki.eps | Color                             | 8/22/2024 2:46:47 AM |
|          |         |           | kajiki.eps | WhitePlate Type                   | 8/22/2024 2:47:02 AM |
|          |         |           | kajiki.eps | Color                             | 8/22/2024 2:47:08 AM |
|          |         |           | kajiki.eps | ClearPlate Type(Glossy)           | 8/22/2024 2:47:17 AM |
|          |         |           | kajiki.eps | Color                             | 8/22/2024 2:47:23 AM |
|          |         |           | kajiki.eps | Color                             | 8/22/2024 2:47:29 AM |
|          |         |           | kajiki.eps | PrimerPlate Type(Profile Setting) | 8/22/2024 2:48:33 AM |

Backup dialog box details:

- File name: WhiteColor\_20241022.rlj7
- Save as type: Backup Jobs(\*.rlj7)
- Buttons: Save, Cancel

# Job Creator

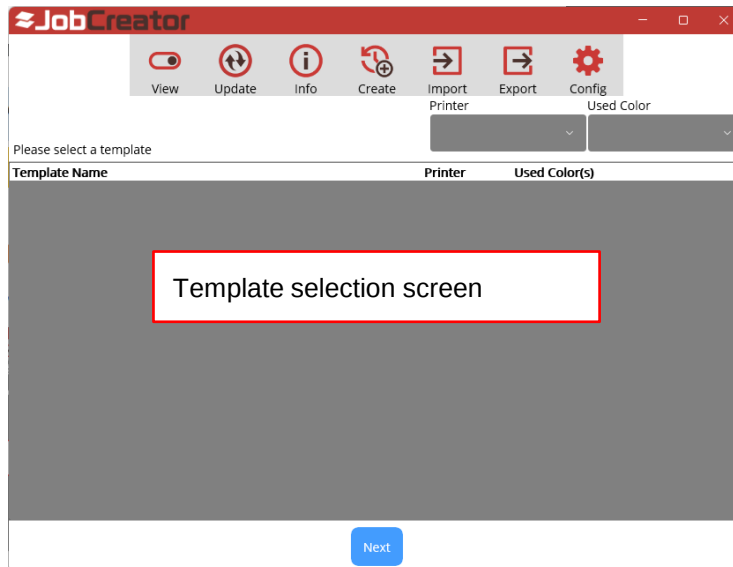
## 3-2. Creating a Template

This example shows a white-to-color composite job.

Procedure



Launch the Job Creator and navigate to the template selection screen.



# Job Creator

## 3-2. Creating a Template

This example shows a white-to-color composite job.

Procedure



Click [Create] and then select the backup job file created in RasterLink7 v3.3.3 or later version.

(1) Click [Create].

(2) Select the backup job file.

(3) Click [Open].

(4) The profile will be installed and a template created.  
Wait several seconds until the Job Creator screen changes.

# Job Creator

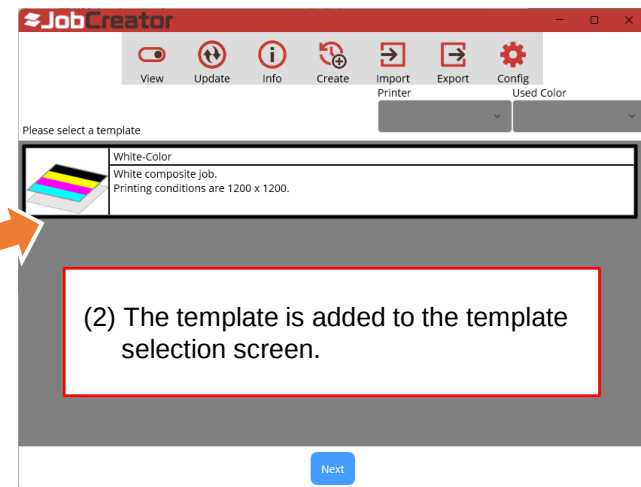
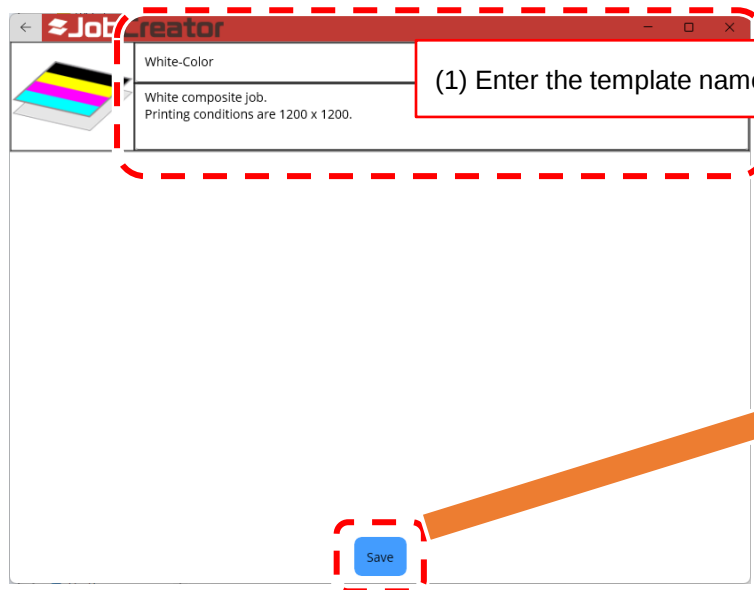
## 3-2. Creating a Template

This example shows a white-to-color composite job.

Procedure



Enter the template name and a memo, and then click [Save].

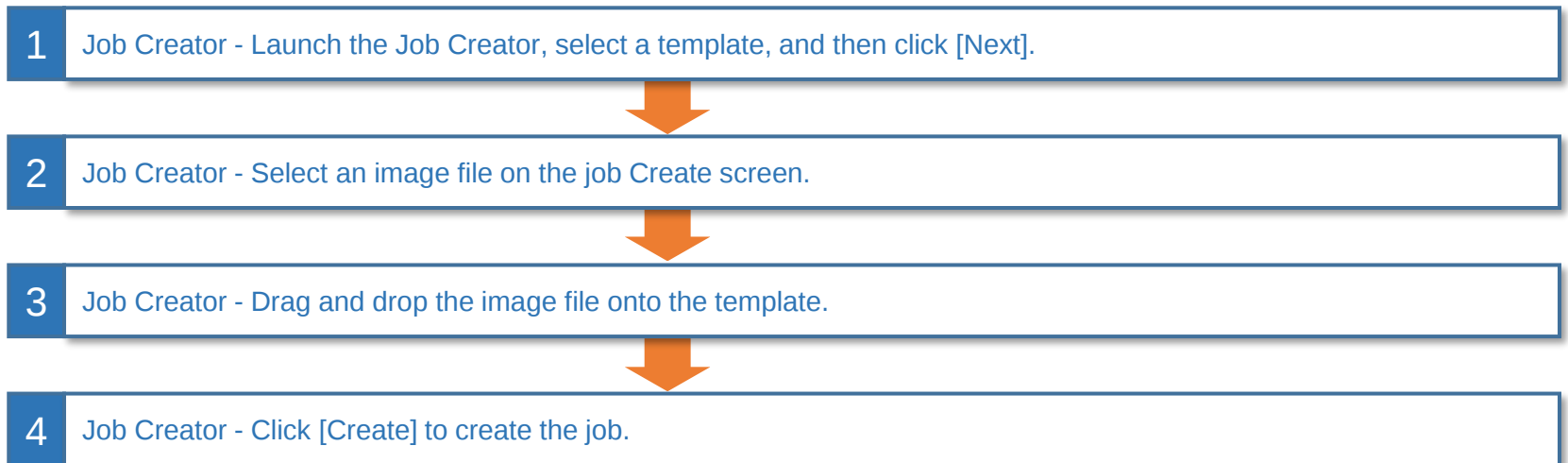


# Job Creator

## 4. Creating a Job

Create a job by selecting a template and an image file.

### Workflow



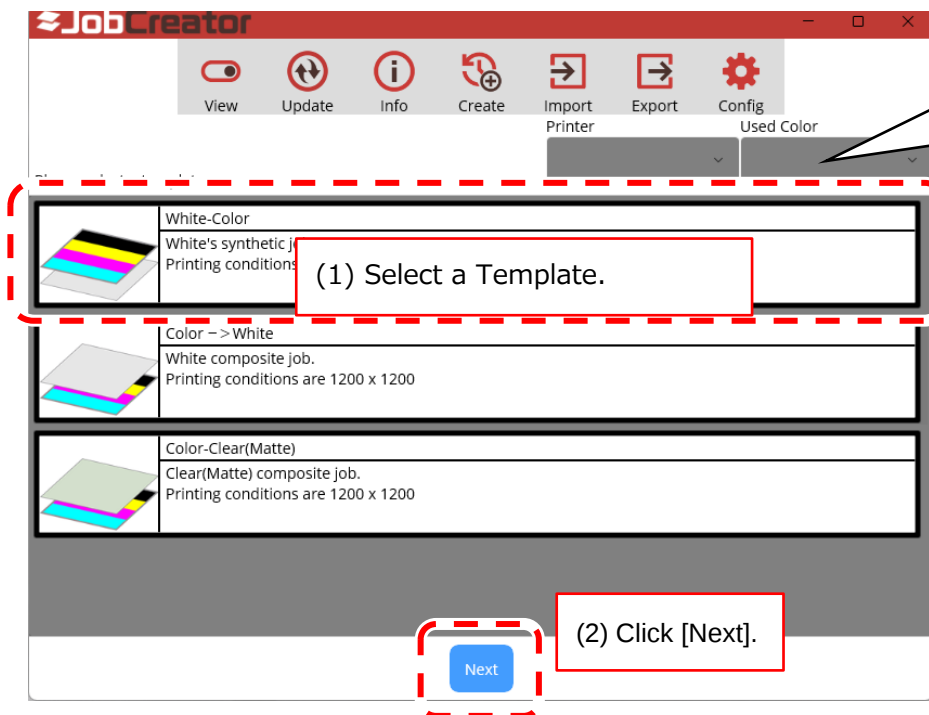
# Job Creator

## 4. Creating a Job

This example shows a white-to-color composite job.



Launch the Job Creator, select a template, and then click [Next].



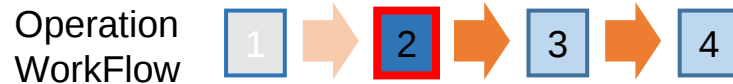
You can filter the templates to be displayed on the selection screen.

- Printer
- Special color

# Job Creator

## 4. Creating a Job

This example shows a white-to-color composite job.



Click [Add Image], select the image file, and then click [Open].

(1) Click [Add Image].

For white-to-color composite job templates, the following layer structures are displayed:

- Color job
- White job

(2) Select the image file and click [Open].

| name  | Date modified      | type     | size     |
|-------|--------------------|----------|----------|
| 1.eps | 9/19/2013 10:48 PM | EPS File | 1,235 KB |
| 2.eps | 3/31/2021 12:33 AM | EPS File | 1,953 KB |
| 3.eps | 7/14/2021 10:16 PM | EPS File | 1,869 KB |
| 4.eps | 9/7/2021 10:13 PM  | EPS File | 1,888 KB |
| 5.eps | 9/7/2021 10:14 PM  | EPS File | 1,888 KB |
| 6.eps | 1/15/2020 6:19 PM  | EPS File | 2,691 KB |
| K.eps | 6/12/2024 6:13 PM  | EPS File | 1,415 KB |

# Job Creator

## 4. Creating a Job

This example shows a white-to-color composite job.



Drag and drop the image file onto the template.



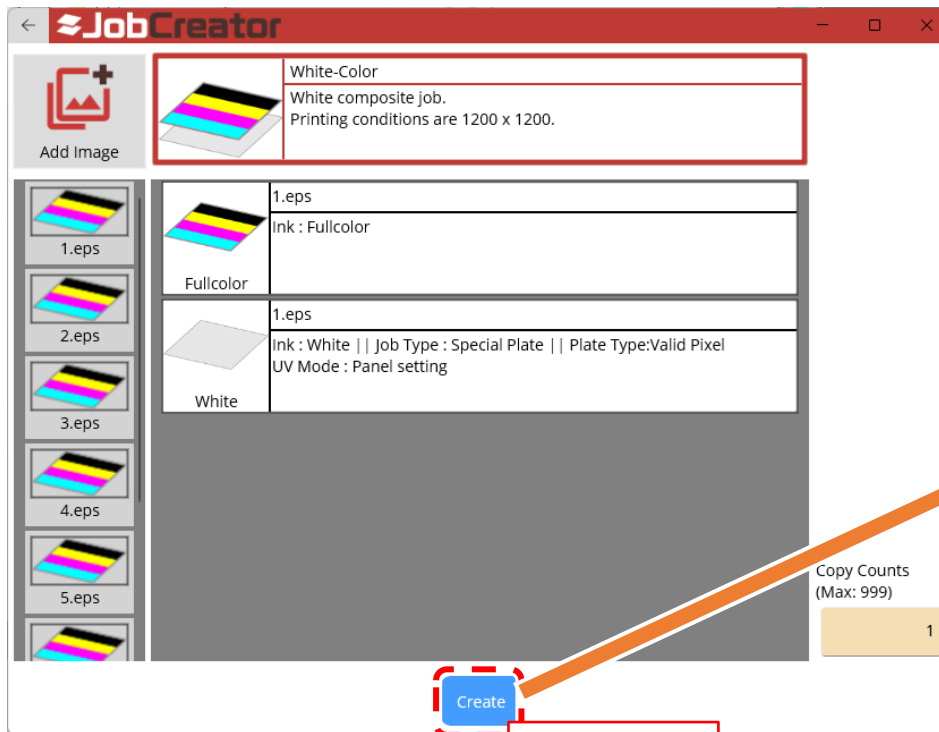
- In the case of a template for creating a special plate:  
If you drag and drop an image onto a color job, the same color image will be set to the white job.  
You can also drag and drop another image onto the white job.
- In the case of a template for monoreplace:  
It is necessary to drag and drop the image file onto both the color job and the white job.

# Job Creator

## 4. Creating a Job

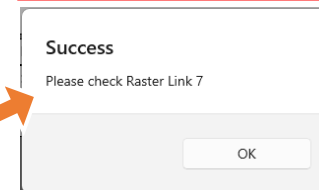


This example shows a white-to-color composite job.



Click [Create].

After a few seconds, the job will be created and shown in the RasterLink7 job list.



# Supplementary Information 1

The RasterLink7 settings that can be configured using a Job Creator template are as follows.

| No. | Major item    | Minor item                                        | Favorite | Template |
|-----|---------------|---------------------------------------------------|----------|----------|
| 1   | Properties    | Job attribute (Monoreplace)                       | Yes      | Yes      |
|     |               | Monoreplace using the alpha channel of a PNG file | No       | Yes      |
|     |               | UV mode                                           | Yes      | Yes      |
|     |               | (Gloss, matte, emboss)                            |          |          |
| 2   | Quality       | All items *2                                      | Yes      | Yes      |
| 3   | General Print | Scale                                             | Yes      | Yes      |
|     |               | Rotation                                          | Yes      | Yes      |
|     |               | Mirror                                            | Yes      | Yes      |
|     |               | Deskew                                            | Yes      | Yes      |
|     |               | Cut line                                          | Yes      | Yes      |
|     |               | Arrange in the center                             | Yes      | Yes      |
|     |               | Print area *2                                     | Yes      | Yes      |
|     |               | Register mark settings                            | Yes      | Yes      |
|     |               | FOTOBAs settings                                  | Yes      | Yes      |
|     |               | XY slitter settings                               | No       | Yes      |
|     |               | Label                                             | Yes      | Yes      |
| 4   | Trimming      |                                                   | No       | No       |
| 5   | Tiling        | Scale                                             | Yes      | Yes      |
|     |               | Tiling ON/OFF                                     | No       | No       |
|     |               | Rotation                                          | Yes      | Yes      |
|     |               | Mirror                                            | Yes      | Yes      |
|     |               | Overlap                                           | Yes      | Yes      |
|     |               | Overlap line                                      | Yes      | Yes      |
|     |               | Tile number                                       | Yes      | Yes      |
|     |               | Cut line                                          | Yes      | Yes      |
|     |               | Label                                             | Yes      | Yes      |
|     |               |                                                   |          |          |
| 6   | Step & repeat | Step & repeat ON/OFF                              | No       | Yes      |
|     |               | Scale                                             | Yes      | Yes      |
|     |               | Rotation                                          | Yes      | Yes      |
|     |               | Mirror                                            | Yes      | Yes      |
|     |               | Arrange in the center                             | Yes      | Yes      |
|     |               | Type                                              | Yes      | Yes      |
|     |               | Offset                                            | Yes      | Yes      |
|     |               | Reference line                                    | Yes      | Yes      |
|     |               | Label                                             | Yes      | Yes      |

| No | Major item          | Minor item                               | Favorite | Template |
|----|---------------------|------------------------------------------|----------|----------|
| 7  | Execution times     |                                          | Yes      | Yes      |
| 8  | Special plate       | Ink                                      | Yes      | Yes      |
|    |                     | Density                                  | Yes      | Yes      |
|    |                     | Created area                             | Yes      | Yes      |
|    |                     | Special color automatic composite        | Yes      | Yes      |
|    |                     | Composite order                          | Yes      | Yes      |
|    |                     | Delete original job after plate Creation | Yes      | Yes      |
|    |                     |                                          |          |          |
| 9  | Layer settings      | Special color layer settings             | Yes      | Yes      |
|    |                     | Position correction                      | Yes      | Yes      |
|    |                     | Size correction                          | Yes      | Yes      |
| 10 | Jig printing *2     | Jig ON/OFF                               | Yes      | Yes      |
|    |                     | Jig name                                 | Yes      | Yes      |
|    |                     | Scale                                    | Yes      | Yes      |
|    |                     | Rotation                                 | Yes      | Yes      |
|    |                     | Mirror                                   | Yes      | Yes      |
|    |                     |                                          |          |          |
| 11 | Kebab print         | Kebab ON/OFF                             | Yes      | Yes      |
|    |                     | Scale                                    | Yes      | Yes      |
|    |                     | Rotation                                 | Yes      | Yes      |
|    |                     | Mirror                                   | Yes      | Yes      |
| 12 | Composite           | Composite order                          | No       | Yes      |
|    |                     | Retract                                  | No       | Yes      |
| 13 | Color replacement*1 |                                          | No       | No       |

\*1:

The Job Creator can only apply color replacement (color correction) settings to single-layer templates.

\*2:

Templates do not include the files shown below. If you wish to share a user template with another instance of RasterLink7, you must use the environment backup function or restore the backup job file to build the same environment.

- Jig definition file
- Device adjustment file
- Print area definition file
- Color adjustment file
- Device profile
- (Device profile calibrated using the Calibration Tool)

# Supplementary Information 2

Templates cannot be created from the following backup jobs.

- multiple pages
- Multilayer printing (Three-layer, Four-layer, Five-layer)
- Braille Printing
- 2.5D Texture Maker
- Variable Print
- PrintGroup

# Supplementary Information 3

| Menu   | Description                                                                             |
|--------|-----------------------------------------------------------------------------------------|
| View   | Toggles the template display.                                                           |
| Update | Updates RasterLink7 to the latest information.                                          |
| Info   | Displays detailed information for the template. It also allows you to delete templates. |
| Create | Creates a template from a RasterLINK7 backup job.                                       |
| Import | Imports a template.                                                                     |
| Export | Exports a template.                                                                     |

# Supplementary Information 4-1

Mimaki provide 16 types of templates for the UJV300DTF-75.  
Provides a description of the template.

| #  | Printing method                | Resolution  | Additional Information |
|----|--------------------------------|-------------|------------------------|
| 1  | Clear -> Color -> Clear(Matte) | 1200 x 1200 |                        |
| 2  |                                | 300 x 900   |                        |
| 3  |                                | 600 x 1200  |                        |
| 4  |                                | 600 x 600   |                        |
| 5  | White -> Color -> Clear(Gloss) | 1200 x 1200 |                        |
| 6  |                                | 300 x 900   | ※1 Show the MULTI icon |
| 7  |                                | 600 x 1200  |                        |
| 8  |                                | 600 x 600   | ※1 Show the MULTI icon |
| 9  | White -> Color -> Clear(Matte) | 1200 x 1200 |                        |
| 10 |                                | 300 x 900   | ※1 Show the MULTI icon |
| 11 |                                | 600 x 1200  |                        |
| 12 |                                | 600 x 600   | ※1 Show the MULTI icon |
| 13 | Color -> White -> Clear(Matte) | 1200 x 1200 | ※2 Show the MULTI icon |
| 14 |                                | 300 x 900   | ※2 Show the MULTI icon |
| 15 |                                | 600 x 1200  | ※2 Show the MULTI icon |
| 16 |                                | 600 x 600   | ※2 Show the MULTI icon |

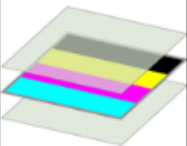
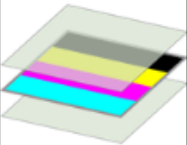
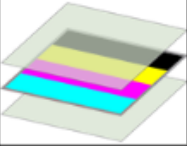
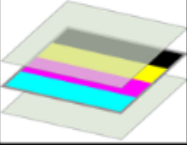
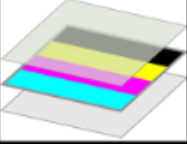
※1

In the job list of RasterLink7, it is displayed as a four-layer composite job with a clear bottom layer. However, when printing, it is printed as a three-layer job (white → color → clear). Adhesion is improved by ejecting a special white plate made by mixing the bottom-layer clear and the second-layer white.

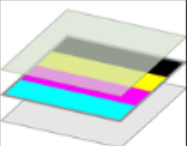
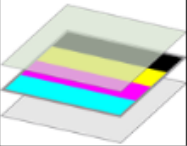
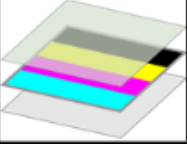
※2

In the job list of RasterLink7, it is displayed as a four-layer composite job with a clear bottom layer. However, when printing, it is printed as a three-layer job (color → white → clear). Adhesion is improved by ejecting a special color plate made by mixing the bottom-layer clear and the second-layer color.

# Supplementary Information 4-2

| # | List display                                                                                                                                                                                                                                                                                                                                                                                                                    | Additional Information                                  |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 1 |  <p>UJV300DTF_ELS170_Clear-Color-Clear_HighQuality</p> <p>This template has the recommended conditions for Clear-Color-Clear 3-layer printing.<br/>Resolution: 1200x1200, Pass: 32<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>            | Top layer is Matte feel effect.<br>Create a 3-Layer job |
| 2 |  <p>UJV300DTF_ELS170_Clear-Color-Clear_HighSpeed</p> <p>This template has the recommended conditions for Clear-Color-Clear 3-layer printing.<br/>Resolution: 300x900, Pass: 8<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>                 | Top layer is Matte feel effect.<br>Create a 3-Layer job |
| 3 |  <p>UJV300DTF_ELS170_Clear-Color-Clear_Quality</p> <p>This template has the recommended conditions for Clear-Color-Clear 3-layer printing.<br/>Resolution: 600x1200, Pass: 32<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>                 | Top layer is Matte feel effect.<br>Create a 3-Layer job |
| 4 |  <p>UJV300DTF_ELS170_Clear-Color-Clear_Standard</p> <p>This template has the recommended conditions for Clear-Color-Clear 3-layer printing.<br/>Resolution: 600x600, Pass: 12<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>                 | Top layer is Matte feel effect.<br>Create a 3-Layer job |
| 5 |  <p>UJV300DTF_ELS170_White-Color-ClearGloss_HighQuality</p> <p>This template has the recommended conditions for White-Color-ClearGloss 3-layer printing.<br/>Resolution: 1200x1200, Pass: 32<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p> | Top layer is Gloss feel effect.<br>Create a 3-Layer job |
| 6 |  <p>UJV300DTF_ELS170_White-Color-ClearGloss_HighSpeed</p> <p>This template has the recommended conditions for White-Color-ClearGloss 3-layer printing.<br/>Resolution: 300x900, Pass: 8<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>     | Top layer is Gloss feel effect.<br>Create a 4-Layer job |

# Supplementary Information 4-3

| #  | List display                                                                                                                                                                                                                                                                                                                                                                                                              | Additional Information                                  |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 7  |  <p>UJV300DTF_ELS170_White-Color-ClearGloss_Quality</p> <p>This template has the recommended conditions for White-Color-ClearGloss 3-layer printing.<br/>Resolution: 600x1200, Pass: 32<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p> | Top layer is Gloss feel effect.<br>Create a 3-Layer job |
| 8  |  <p>UJV300DTF_ELS170_White-Color-ClearGloss_Standard</p> <p>This template has the recommended conditions for White-Color-ClearGloss 3-layer printing.<br/>Resolution: 600x600, Pass: 12<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p> | Top layer is Gloss feel effect.<br>Create a 4-Layer job |
| 9  |  <p>UJV300DTF_ELS170_White-Color-Clear_HighQuality</p> <p>This template has the recommended conditions for White-Color-Clear 3-layer printing.<br/>Resolution: 1200x1200, Pass: 32<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>      | Top layer is Matte feel effect.<br>Create a 3-Layer job |
| 10 |  <p>UJV300DTF_ELS170_White-Color-Clear_HighSpeed</p> <p>This template has the recommended conditions for White-Color-Clear 3-layer printing.<br/>Resolution: 300x900, Pass: 8<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>           | Top layer is Matte feel effect.<br>Create a 4-Layer job |
| 11 |  <p>UJV300DTF_ELS170_White-Color-Clear_Quality</p> <p>This template has the recommended conditions for White-Color-Clear 3-layer printing.<br/>Resolution: 600x1200, Pass: 32<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>          | Top layer is Matte feel effect.<br>Create a 3-Layer job |
| 12 |  <p>UJV300DTF_ELS170_White-Color-Clear_Standard</p> <p>This template has the recommended conditions for White-Color-Clear 3-layer printing.<br/>Resolution: 600x600, Pass: 12<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>         | Top layer is Matte feel effect.<br>Create a 4-Layer job |

# Supplementary Information 4-4

| #  | List display                                                                                                                                                                                                                                                                                                                                                                                                         | Additional Information                                  |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 13 |  <p>UJV300DTF_ELS170_Color-White-Clear_HighQuality</p> <p>This template has the recommended conditions for Color-White-Clear 3-layer printing.<br/>Resolution: 1200x1200, Pass: 32<br/>The top white layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p> | Top layer is Matte feel effect.<br>Create a 4-Layer job |
| 14 |  <p>UJV300DTF_ELS170_Color-White-Clear_HighSpeed</p> <p>This template has the recommended conditions for Color-White-Clear 3-layer printing.<br/>Resolution: 300x900, Pass: 8<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>      | Top layer is Matte feel effect.<br>Create a 4-Layer job |
| 15 |  <p>UJV300DTF_ELS170_Color-White-Clear_Quality</p> <p>This template has the recommended conditions for Color-White-Clear 3-layer printing.<br/>Resolution: 600x1200, Pass: 32<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>      | Top layer is Matte feel effect.<br>Create a 4-Layer job |
| 16 |  <p>UJV300DTF_ELS170_Color-White-Clear_Standard</p> <p>This template has the recommended conditions for Color-White-Clear 3-layer printing.<br/>Resolution: 600x600, Pass: 12<br/>The top clear layer is corrected by +4 pixels using the "Special color size correction" function.<br/>This improves abrasion resistance.</p>      | Top layer is Matte feel effect.<br>Create a 4-Layer job |



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