

**MUTOH**

**OPERATION  
MANUAL**

**Platen Edit Tool**

Read this manual before using this application.

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## 1 Introduction

This manual explains the operating procedure for Platen Edit Tool (referred to as “Platen Tool”), user defined template creation application for Layout and Print Tool (referred to as “Layout Tool”).

Platen Tool enables to define custom templates to be used in Layout Tool.

This manual describes Platen Tool Ver.1.0.0.

The name, design and specifications of Platen Tool are subject to change without notice.

Windows described in this document are registered trademarks of US Microsoft Corporation in US and other countries.

## 2 Operating Environment

Platen Tool is compatible with the Layout Tool system requirement.

The supported languages are as follows:

Japanese
English
Chinese
Korean

### Note

The language selected in Layout Tool is applied in Platen Tool.

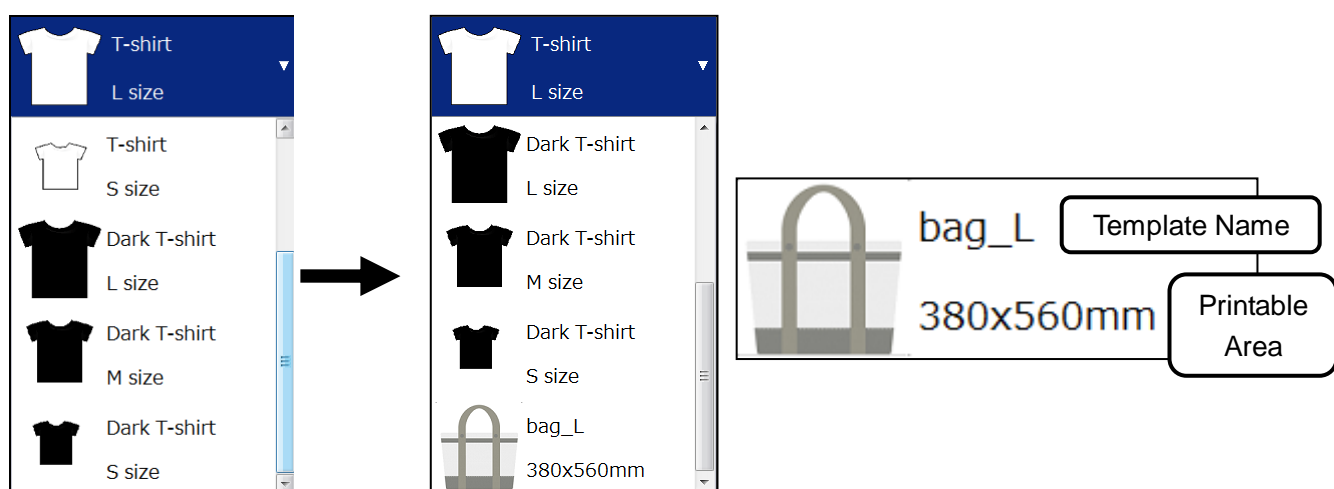
### 3 What is Platen Tool?

Platen Tool is a support tool of Layout Tool to create a user defined template.

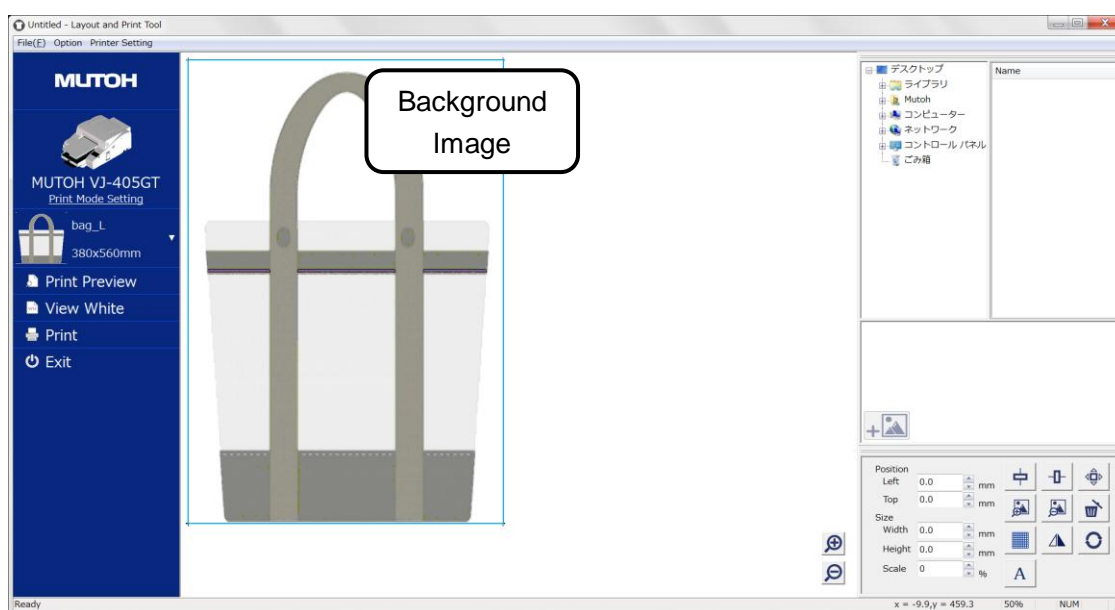
Using your item image as a background image, you can specify the printable area on the background image to create your own template.

Once the user defined template is saved in Platen Tool, it is automatically added to the Platen List in Layout Tool. From the next time when starting Layout Tool, you can use the user defined template to lay out a design you want.

User defined template is added to the Platen List.



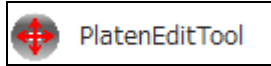
When the user defined template is selected, the defined background image is displayed in the Edit Area.



## 4 How to Start Platen Tool

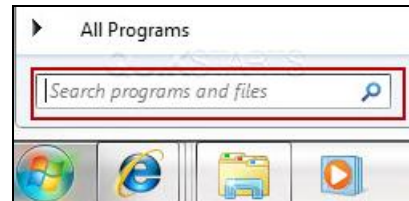
To find Platen Tool, enter “PlatenEditTool” in the search box.

Click on the following icon to start the application.



- Windows7

Click on the Start Menu and enter “PlatenEditTool” in the Search programs and files.



- Windows8/8.1

On the Start screen, click the Search button to open Search and enter “PlatenEditTool”.



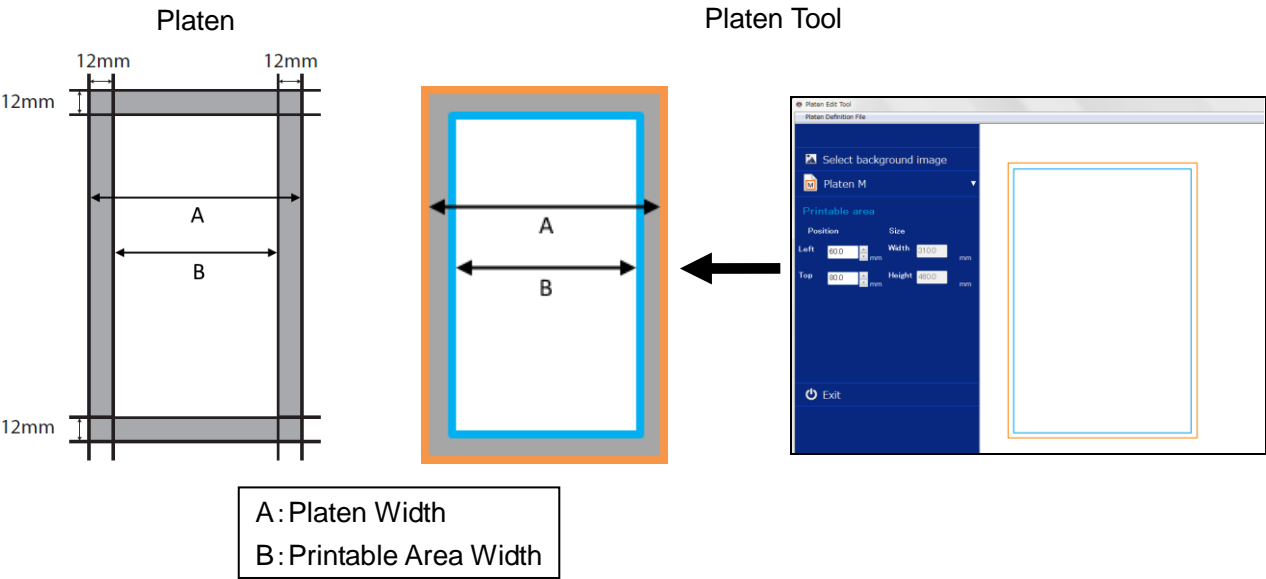
Right-click the Platen Edit Tool icon and choose Pin to Start to pin it to your Start menu.



# 5 Printable Area

## 5.1 Mutoh Platen

The actual printable area of Mutoh Platen is approx. 12mm inside the edge of the platen. In Platen Tool, orange line indicates the platen edge and blue line indicates the printable area.

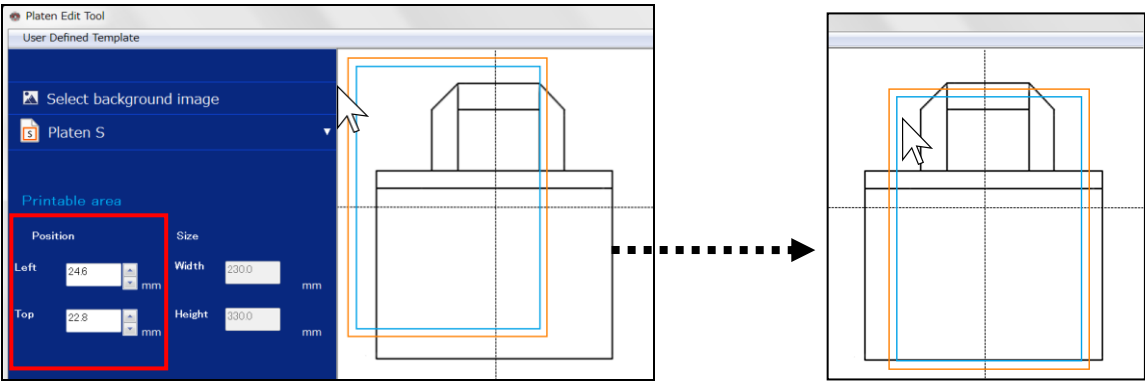


### Printable Area

Size	Width (mm)	Height (mm)
Platen L	380	560
Platen M	310	460
Platen S	230	330

If you place an item on the Mutoh Platen L, M, or S to print on, specify Position (Top, Left) of the printable area on your background image.

You can specify by clicking the upper left position with the mouse or entering Top and Left values in the Position edit box.



## 5.2 Custom Platen

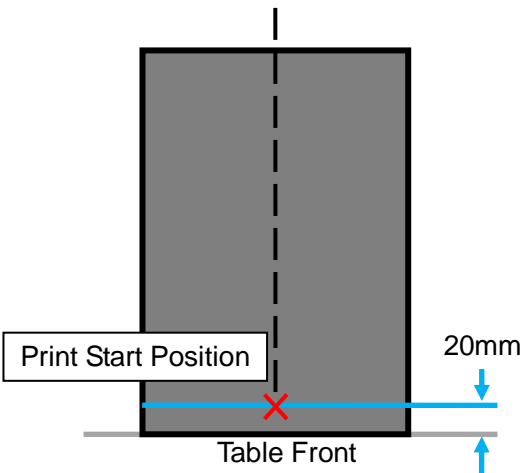
When using your custom platen (Non-Mutoh Platen) to print on your item, you need to specify both Position (Top, Left) and Size (Height, Width) of the printable area.

“Height” is the length from the Print Start Position to the end of desired print area.

“Width” should be always horizontally centered on the platen table, covering desired print area.

\*For details, see the VJ-404GT/405GT Operation Manual “Preparing a custom platen”.

Table

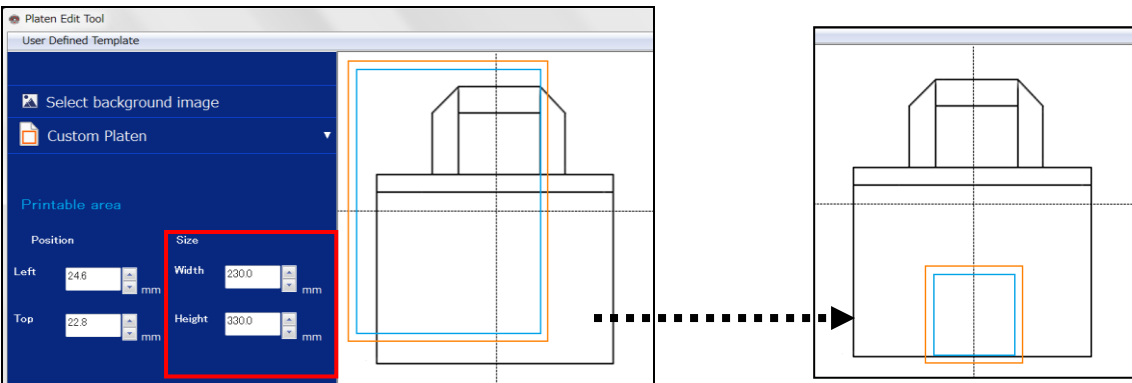


Printable Area

Size	Width (mm)	Height (mm)
Custom Platen	30 - 420	30 - 576

From the Printable Area setting, enter the Position and Size of the printable area.

For Size setting, specify the height from the Print Start Position and width to be centered on the platen table.

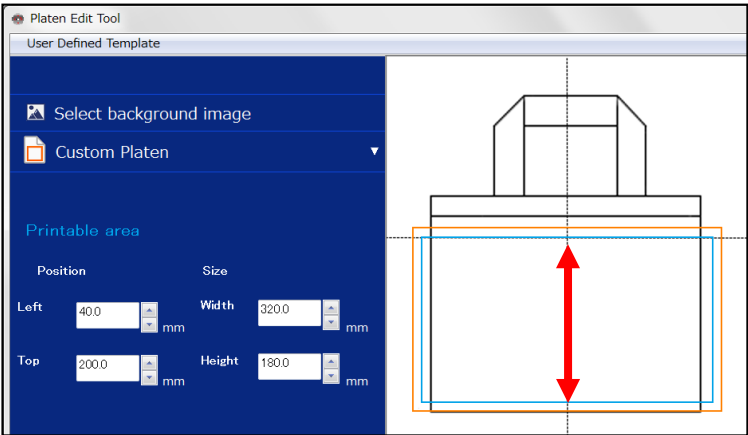


5.2.1 Specify the Height

The printable area height is determined from the Print Start Position to the end of desired print area, depending on how to load the items onto the platen.

See below how to specify the printable area and load the item.

The printable area specified in Platen Tool



How to load the item onto the platen

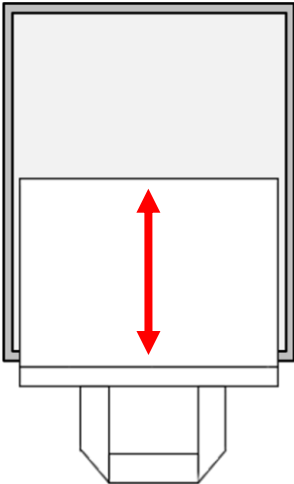


Table Front

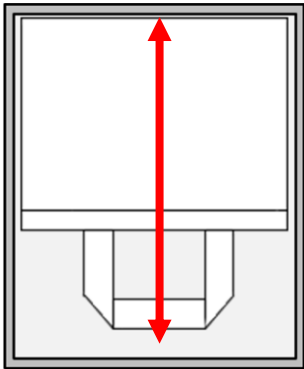
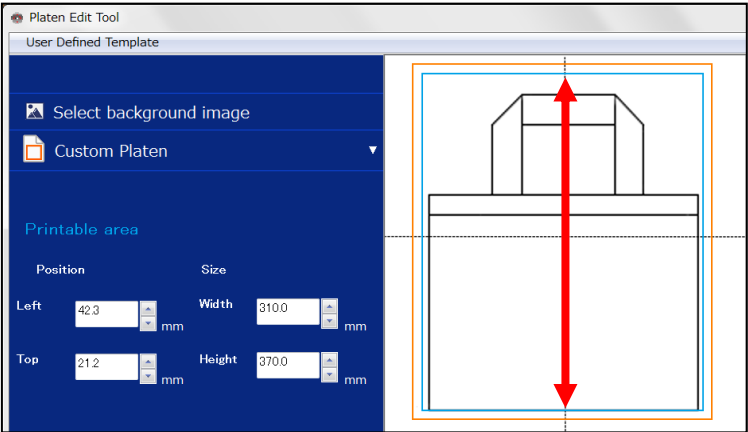


Table Front

### 5.2.2 Specify the Width

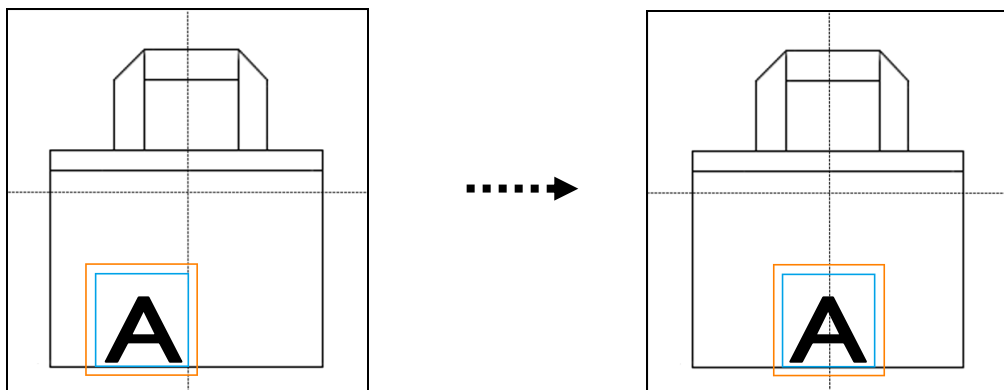
Even when the printable area is not centered in the user defined template (positioned either right or left side), the actual printing will be centered horizontally.

See below how to specify the printable area.

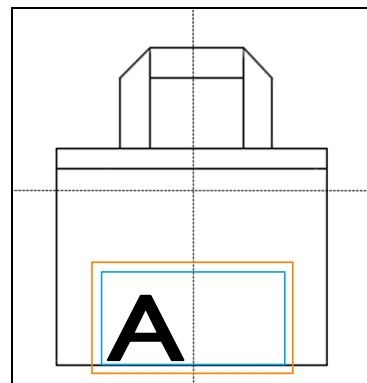
Example)

When the printable area is positioned to the left side of the template.

Actual printing is centered.

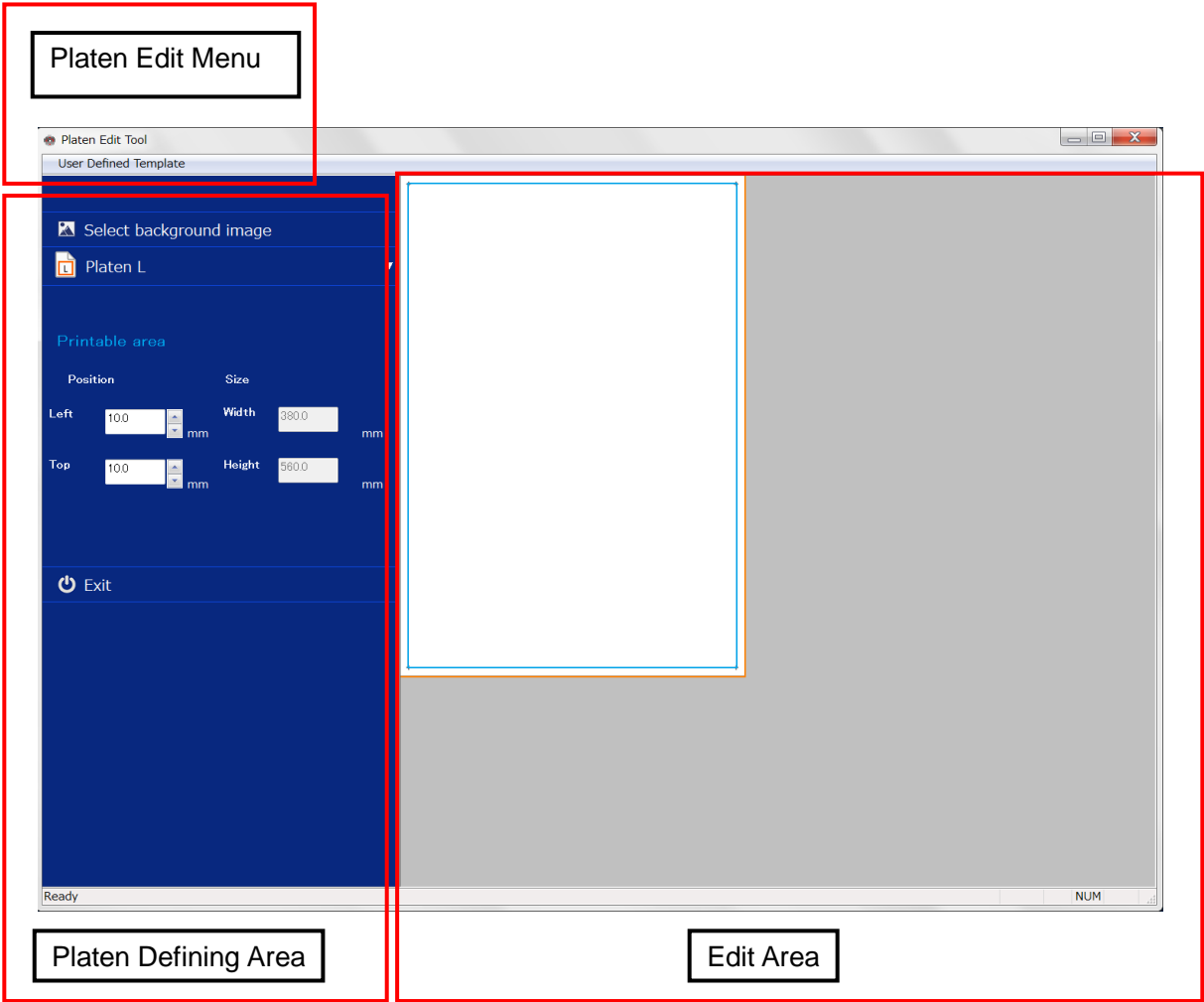


If you want to print the image to the right side of the item, always horizontally center the printable area as shown to the right.



# 6 Main Screen

Below is the main screen of Platen Tool.



Platen Edit Menu

Save user defined templates.  
Edit user defined templates.

Platen Defining Area

Select platen size or specify size and position of printable area for user defined templates.  
Select background image.

Edit Area

Adjust position of the printable area on the background image.

## 7 How to Create User Defined Template

### 7.1 Prepare Background Image

First, prepare a background image.

Background image is used as rough guide to see the actual position of the design on the garment.

If you do not need to see the actual design position on the garment (e.g. just want to fit the design to the printable area), you can also use a sample background image from the folder stored background images (referred to as "Sample Folder").

The background image should be

- full scale drawing (image file)
- platen size + 10mm or more

The file format of background image is as follows:

bitmap (.bmp)

#### Note

If you use a low-resolution background image, sometimes the background image may not be positioned in the center of Layout Tool. If you need accuracy of positioning, please use high-resolution file.

Sample background images stored in the Sample Folder have low resolution.

Sample Folder is stored in the following location:

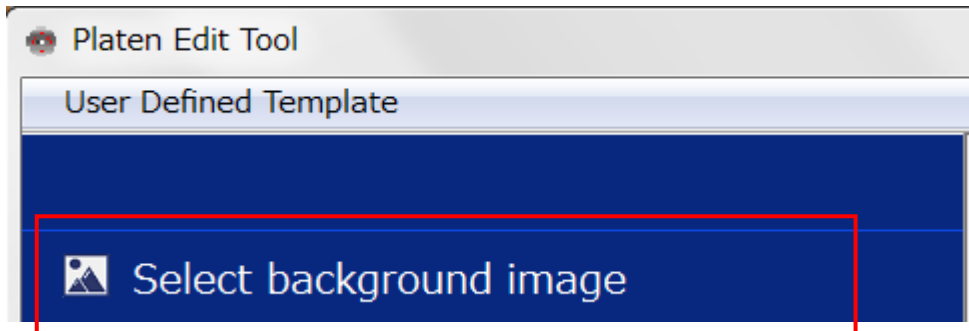
%APPDATA%\Roaming\Mutoh\Layout\Platen\sample\

(%APPDATA% = C:\Users\<User Name>\AppData\)

---

Click on **Select Background Image**.

The file open dialog will be open. Select your background image from the folder you saved.



**Note**

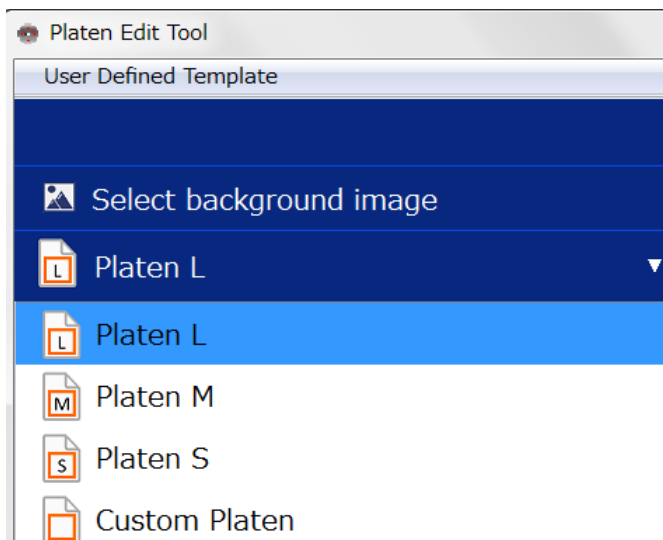
Once the background image is used to create the user defined template, the image is automatically stored in the Sample Folder.

## 7.2 Select Platen Size

Click on the Platen button. The size selection menu will appear.



Select from Platen L, Platen M, Platen S, or Custom Platen.



If you choose Custom Platen, enter the position and size of the printable area in each edit box. You can also change values by spin button.



## 7.3 Adjust Printable Area

In Edit Area, you will position a printable area on the background image in either of the following procedures below:

1. Click on the background image to specify the upper left position of the printable area.



2. Enter the Left and Top position in each edit box.

Printable area			
Position		Size	
Left	<input type="text" value="223.5"/> <span>mm</span>	Width	<input type="text" value="380.0"/> <span>mm</span>
Top	<input type="text" value="134.0"/> <span>mm</span>	Height	<input type="text" value="560.0"/> <span>mm</span>

### Note

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If the printable area does not fit to the desired position,

- background image size may not be correct or
- printable area may not be correct.

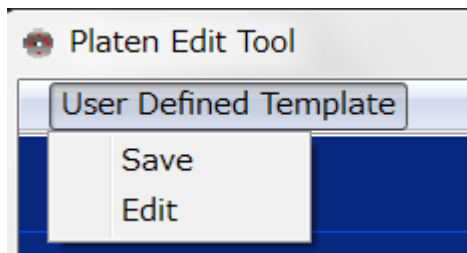
Check the setting again.

---

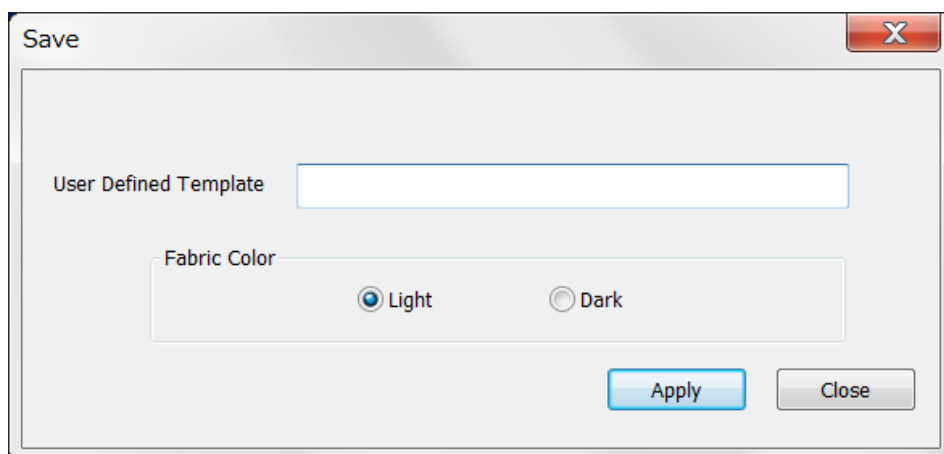
## 7.4 Save

After creating, you will save the user defined template.

Go to **User Defined Template > Save**.



Enter a template name using up to 10 characters.



Select the media type from Dark or Light to specify color profile, and click **Apply**.

### Note

Two-digit number "0" through "99" are reserved name for the application.  
These names are not available.

## 7.5 Add to Layout Tool

To add this user defined template to Layout Tool, restart Layout Tool.

## 8 User Defined Template Menu

### 8.1 Edit

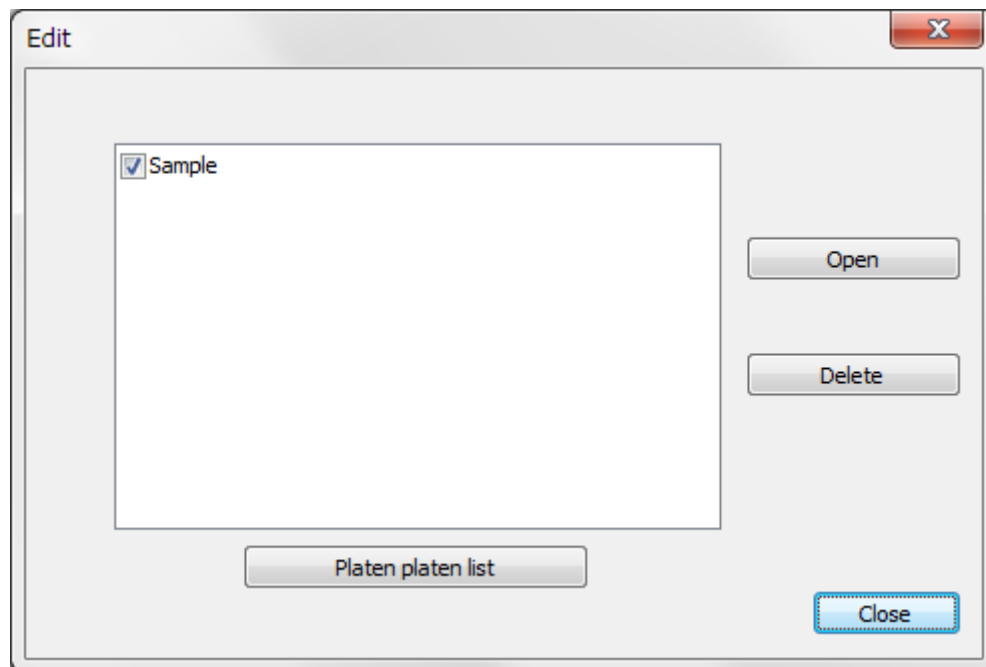
In the Edit menu, you can re-edit or delete user defined templates.

To re-edit, check the template name you want to re-edit and click **Open**.

To delete, check the template name you want to delete and click **Delete**.

Then, click **Update Platen List**.

To hide the template name from the Platen List in Layout Tool, uncheck the template name and click **Update Platen List**.



#### Note

If you change the language setting in Layout Tool, make sure to click **Update Platen List** in Platen Tool.

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