User Guide

English

Brisque Part 3 - Working with Imposition Jobs

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4992864	5296935	5473733	5636330	5861904	6016752	6164637
5049901	5313278	5481379	5649220	5861992	6031932	6180325
5079721	5323248	5488906	5650076	5864651	6043865	6181362
5103407	5325217	5497252	5652804	5875288	6060208	6181439
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5122871	5339176	5517359	5696393	5934196	6072518	6191882
5124547	5343059	5519852	5699174	5942137	6090529	6204874
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5157516	5367388	5576754	5742743	5969872	6115056	
5208818	5384648	5579115	5764381	5973801	6121996	
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32 ImpoFlow

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Overview

ImpoFlow is a Job Ticket gatekeeper for Brisque Imposition workflows. ImpoFlow automatically verifies Page availability within Imposition Layouts while controlling the progression of the workflow.

ImpoFlow is placed within an Imposition workflow template, separating pre-output operations (such as RIP and FAF) from output operations (such as Proof, Improof and Plate Expose).

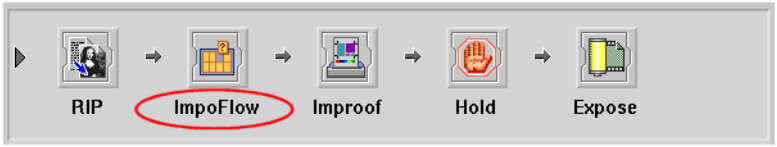
The operations listed in a template before ImpoFlow are not affected, but the operations listed after ImpoFlow do not occur until all Pages required by the Layout are available. ImpoFlow works at the Layout level, that is, it enables Layouts that contain all their Pages to continue to the next operation in the Job Ticket. Incomplete Layouts are queued in the meantime preventing you from having to manually track and collect the Page/Layout components of an Imposition Job before sending it to output.

Use ImpoFlow when performing last minute changes to a Page(s) of an Imposition Job. Do **not** use ImpoFlow as a standard operation in a regular template used to output all Imposition Jobs.

Note: ImpoFlow supports Brisque Imposition workflows only, and not PostScript Imposition workflows.

Note: The file format reaching **ImpoFlow** in the template must be a Brisque Page.

A typical Brisque workflow containing ImpoFlow is (Input: PostScript files):



Important: ImpoFlow must be in a template containing **RIP** and must be placed after the **RIP**. For ImpoFlow to operate correctly, launch an ImpoFlow template with PostScript Page files only.

ImpoFlow Page Detection

Before you launch a template with ImpoFlow, you instruct ImpoFlow which is the parent Imposition Job it is processing. Then, you drag the PostScript elements belonging to the Imposition Job one by one to the template. The input elements are processed by the Job Ticket operations listed before ImpoFlow. Then, ImpoFlow compares the Pages it has received to the required Pages for each Layout in the Imposition Job and the following occurs:

- The Brisque Queue Manager continues Layouts containing all their Pages, to the next operation in the Job Ticket.
- The Queue Manager holds back Layouts that have missing Pages and does not continue them to the next operation in the Job Ticket until the remaining Pages are RIPed by the same template.

Using ImpoFlow

At the Macintosh (Preps):

1. Prepare your Imposition Job on the Macintosh using Preps.
2. Create the ICF for your imposition and send it to the Brisque.



Tip: See *Brisque Quick Start, Chapter 4, Imposition and Output, From a Macintosh Preps Job to a Brisque Imposition Job* on page 36, for an explanation on how to create a Brisque Imposition Job in Preps.

At the Brisque:

1. Translate the ICF to a Brisque Imposition Job.
2. Create a Template containing at least RIP, ImpoFlow, and any output operation (in this order).



For information on creating and modifying Brisque templates, see *Chapter 6, Defining Templates*

3. If after installing the Brisque software, **ImpoFlow** does not appear in the Template Builder window, proceed as follows:
   a. From the Brisque Launch Pad, open the **Utilities** panel and double-click the **Prefs.** icon,
   b. Double-click **CDE Pref.** and click the **ImpoFlow** icon in the **Available Operations** section so that it is displayed in the **Will Appear in Template Builder** section.
   c. In the **CDE Applications** panel, double-click the **Reset Panel** icon
4. In the Template Builder, double-click the **ImpoFlow** icon; a standard Brisque browser is displayed.
5. From the Brisque browser, locate and select the Imposition Job and click **OK**.
6. Save the Job Ticket Template; the Template is ready to process the input files.
7. Drag the PostScript Page(s) of the Imposition Job to the ImpoFlow Template.

   The operations listed before ImpoFlow (such as RIP and FAF) are performed normally, but the operations listed after ImpoFlow (such as Improof and Expose) are not performed until all Pages the Layout requires are available. The output of these latter operations (such as Improof and Expose) is in Layout format, and not individual Pages.

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Overview

ImpoCheck enables you to prevent an incomplete Imposition from output on the Brisque, by verifying whether the Pages and Marks in the Imposition Job are available or are accessible by the Brisque. Using ImpoCheck you can rapidly replace any Page belonging to an Imposition Job, and relocate those identified as missing. If ImpoCheck identifies missing Marks, you must locate the appropriate Marks and add them to the Marks Library.

Usually, you perform an ImpoCheck after an ICF Translate, but prior to an Imposition output.



Note: In this chapter we refer to **Imposition Jobs**. You can, however, perform an ImpoCheck on **Layout** elements and **Packaging Jobs** as well. The same instructions described in this chapter apply.

Defining the ImpoCheck Parameters

You can edit the ImpoCheck default parameters, or you can edit the ImpoCheck parameters for a template, a specific Job or Layout.

To edit the ImpoCheck default parameters:

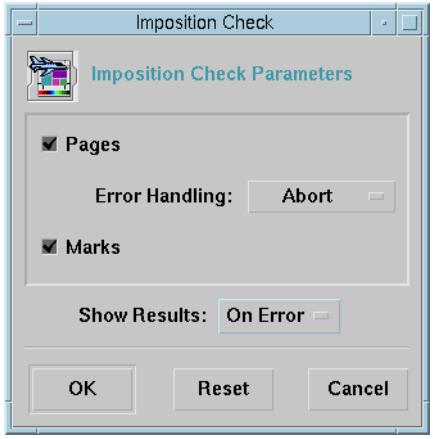
- From the Brisque Launch Pad, open the **Operations** panel, and double-click the **ImpoCheck** icon; the Imposition Check window is displayed.

To edit the ImpoCheck parameters for a specific Job:

- In the Job Ticket Editor, double-click the **ImpoCheck** icon; the Imposition Check window is displayed.

To edit the ImpoCheck parameters for a specific template:

- In the Template Builder, double-click the **ImpoCheck** icon; the Imposition Check window is displayed.



Pages

ImpoCheck searches for the accessibility of the Page elements in each Layout of an Imposition Job.

Marks

ImpoCheck verifies whether all Marks are accessible in each Layout of an Imposition Job.

Error Handling

Determines how the Imposition Job will be handled by the Brisque if the workflow cannot continue due to missing Pages or Marks.

➢ From the **Error Handling** menu, then select **Abort** or **Continue**.

Abort

If a Page or Mark from any of the Layouts in the Imposition Job is missing during the ImpoCheck, the workflow is aborted and an error message is displayed.

Continue

If a Page or Mark from any of the Layouts in the Imposition Job is missing during the ImpoCheck, the workflow continues until an operation cannot be processed. Before the abort, the Brisque processes any complete Layouts in the Imposition Job (if they exist) in the operation that is about to fail, and only then aborts the automated workflow and displays an error message.

For example, if you select **Continue** and a missing Page is found, then a **Preview** operation will be successful, but not an output to **Improof**.

Show Results

Yes

After ImpoCheck is complete, the Job is automatically put on **Hold**, and the Imposition Check Results dialog box is displayed.

No

After ImpoCheck is complete, the Job is not put on hold, and the Imposition Check Results dialog box is not displayed. If a problem is detected during the ImpoCheck, an error message is displayed.

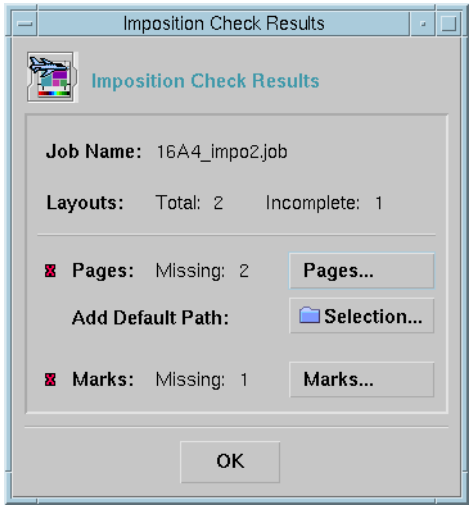
On Error

If a problem is detected during the ImpoCheck, the Imposition Check Results dialog box is displayed.

Regardless of which **Show Results** option you select, you can monitor the progress of the operation with the Queue Manager. See *Chapter 9, The Queue Manager* for details.

Viewing the ImpoCheck Results

When the ImpoCheck operation is completed, you can view the results in the Imposition Check Results dialog box.



- If all Pages and Marks were found during the ImpoCheck, a green check mark (✓) appears next to the **Pages** and **Marks** boxes.
- If Pages or Marks were not found during the ImpoCheck, a red x (×) appears next to the **Pages** or **Marks** boxes (as shown in the above dialog box).
- If the **Pages** or **Marks** button is unavailable, that particular check was not selected as an ImpoCheck parameter.

Job Name

The **Job Name** box displays the name of the input Imposition Job.

Layouts

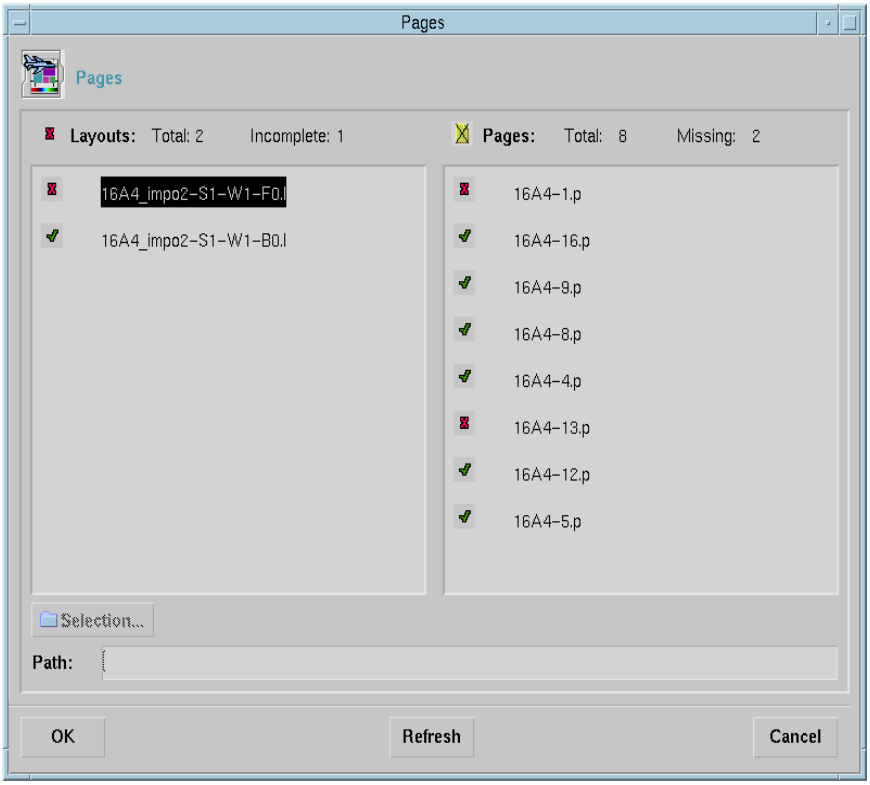
The **Layouts** box indicates the **total** number of Layouts in the Job, and how many are **incomplete**. A Layout is considered **incomplete** if Pages or Marks are missing from the Imposition Job.

For more information about the missing Pages or Marks, see the following sections.

Missing Pages

The Imposition Check Results dialog box displays the total number of Pages missing in the Imposition Job.

➢ To view which Pages are missing from which Layouts, from the Imposition Check Results dialog box, click **Pages**; the Pages dialog box is displayed.



The Pages dialog box resembles a browser. The left pane displays all **Layouts** included in the current input Job (including Layouts detected as incomplete by ImpoCheck). The right pane displays the **Pages** in the selected Layout (including missing Pages, if any).

- Incomplete Layouts and missing Pages are indicated by a red x (×).
- Complete Layouts and existing Pages are indicated by a green check mark (✓).

➢ To view the Pages in a selected Layout, in the left pane, select a Layout; the Pages in the selected Layout are listed in the right pane.

➢ To view the location of a specific Page, select it from the right pane; its location is displayed in the Path field, at the bottom of the dialog box.

Replacing Missing Pages

You can replace a missing Page by modifying the Page's path or by replacing the Page that appears missing in the list.

To modify the path to a Page:

1. From the right pane of the Pages dialog box, select a Page.
2. Click **Selection**; a browser is displayed.
3. Use the browser to redefine the correct path of the folder containing the selected Page and click **OK**.
4. Repeat this process for each file that appears in the right pane.

To replace a Page that appears missing in the list:

1. From the right pane of the Pages dialog box, select a Page.
2. Click **Selection**; a browser is displayed.
3. Use the browser to define a new file to replace the currently selected file and click **OK**.
4. Repeat this process for each file that appears in the right pane.

➢ Click **Refresh** (at the bottom of the Pages dialog box) to repeat the ImpoCheck operation. For example, you may want to rerun ImpoCheck after modifying the location of a single Page that is a step-and-repeat element in the Imposition layout.



Note: If you replace a Page that is repeated in the layout (such as, in a Packaging Job or a step-and-repeat layout), **all** repetitions of the Page are automatically replaced even if you did not select them to be replaced.

Add Default Path

To replace several missing Pages located in the same folder with a single action by redefining their path - use the **Add Default Path** option in the Imposition Check Results dialog box.



Note: With the **Add Default Path** option, you have no control over which pages you are replacing.

To define the default path of missing Pages:

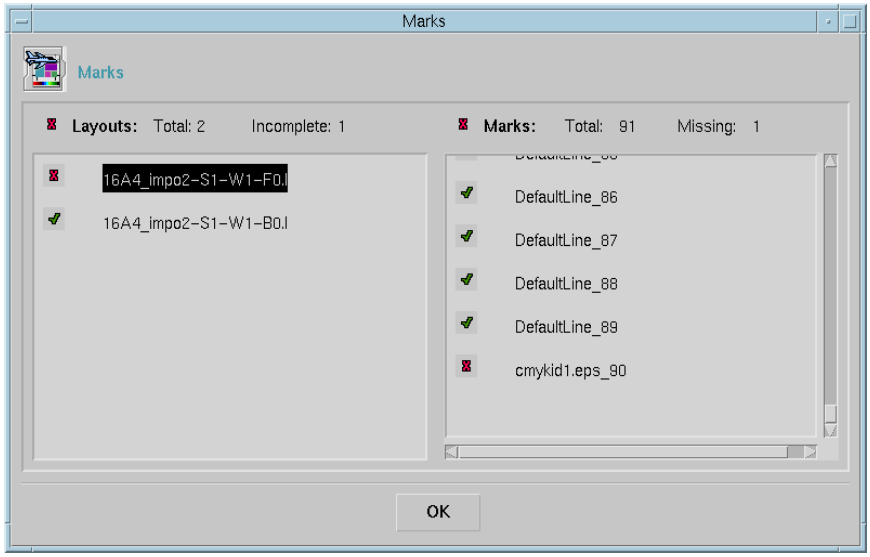
1. In the **Add Default Path** box of the Imposition Check Results dialog box, click **Selection**.
2. From the browser that appears, select the new path and click **OK**.

   ImpoCheck rechecks the location of the missing Pages in the newly defined path and updates their path if the Pages are located there.
3. Repeat the above steps until all the required Pages are located.

Missing Marks

The Imposition Check Results dialog box displays the total number of Marks missing from the Imposition Job.

➢ To view which Marks are missing from which Layouts, from the Imposition Check Results dialog box, click **Marks**; the Marks dialog box is displayed.



The Marks dialog box resembles a browser. The left pane displays all the **Layouts** included in the current input Job (including Layouts detected as incomplete by ImpoCheck due to missing **Marks**). The right pane displays the **Marks** in the selected Layout (including missing Marks, if any).

- Incomplete Layouts and missing Marks are indicated by a red x (✖).
- Complete Layouts and existing Marks are indicated by a green check mark (✓).

The **Marks** pane on the right, display the Marks in the selected Layout. The **Missing** box indicates how many Marks are missing in the selected Layout.

➢ To view the Marks for a specific Layout, from the left pane, select a Layout; the Marks for the selected Layout appear in the right pane.

The green check marks (✓) and red crosses (✖) in the right pane indicate whether or not Marks are missing from the selected Layouts.

Replacing Missing Marks

To add Marks that are identified as missing, you must add the required Marks to the Marks Library on the Brisque. For instructions on adding Marks to the Marks Library on the Brisque, see *Chapter 36, Working with Marks*.



Note: When performing **ImpoCheck** on a Packaging Job that was created in a third party step-and-repeat application, ImpoCheck will indicate only marks added in the Brisque **Preview** application. Marks that were added in a third party application are not indicated.

Exiting the Imposition Check Window

- To save the settings and exit the window, from the main Imposition Check window, click **OK**.
- To revert to the parameters that existed when you opened the window, from the main Imposition Check window, click **Reset**. The window remains open.
- To exit the window without modifying the defined parameters, from the main Imposition Check window, click **Cancel**.

34 Previewing An Imposition Job

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Overview

The Preview application enables you to preview an Imposition Job before output. The available display modes relate to the Layout level and include **Low Resolution (Low Res Images)**, **Quick Preview**, **High-Resolution** and **Reader Spread**.

Use the different display modes to do the following:

- Verify the availability of Pages
- Verify the position of Pages in the Layout
- Preview reader spreads
- Verify color separations and check trapping (FAF) of individual Pages.

Activating the Preview Application

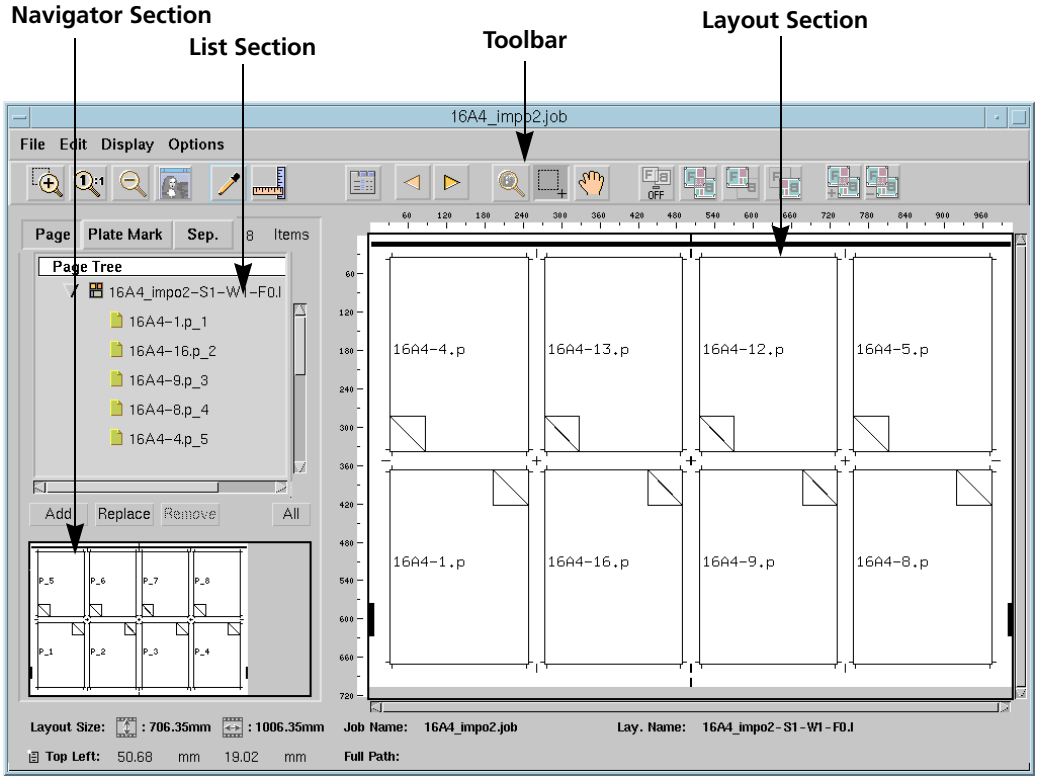
To preview an Imposition Job, perform one of the following:

- While holding down the CTRL key, drag an Imposition Job onto the Preview icon.
- Define a Hot Folder/Template that includes the **Preview** operation.
- Select an Imposition Job in the File Manager. Right-click and select **Preview** from the popup menu. When the Job Ticket Editor is displayed, click **Submit**.

After performing one of the above, the Preview Layout window is displayed. See the following section for details.

The Preview Layout Window

When an Imposition Job activates the Preview application, the Preview Layout Window is displayed.



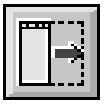
The Preview Layout window contains a **List Section**, a **Navigator Section**, a **Layout Section** and a **Toolbar**. For a detailed description, see *Chapter 16, Preview*, and the relevant sections in this chapter.

The **List Section** contains a list of the Pages in the layout (**Page** tab), a list of the marks in the layout (**Plate Mark** tab) and a list of the separations (**Sep.** tab).

For a detailed description of the tabs, see the relevant sections in *Chapter 16, Preview* and *Chapter 35, Working with a Layout*.

The Toolbar (tools related to Layout Preview)

When you preview an Imposition Job, the Toolbar contains several additional tools to the ones described on *Chapter 16, Preview*. These tools help you work with the Layout.



Click the **Expand to Layout** tool when previewing a single page or mark of a layout in order to view the entire layout as well.

This tool appears only when in **High Resolution Preview** display mode.



Click the **Show Parameters** tool to display the Parameters dialog box. See *Chapter 35, Working with a Layout*, *Adding Elements to the Layout* on page 41.

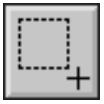




Click the **Previous Layout** tool or **Next Layout** tool to navigate between layouts. See *Navigating Between Layouts* on page 30.



To preview a single Page or mark of a Layout at high-resolution, click the **HiRes Preview** tool. See *Chapter 35, Working with a Layout*, and *Previewing Pages or Marks in High Resolution on page 27.*



Click the **Select** tool to select an element(s) within a selection area. All **complete** elements included in the selection area are selected.



Click the **Move** tool to select an element (Page or mark) and drag it to another location.



Click the **Front-Back Preview** tool to switch this mode on and off. See *Front and Back Preview* on page 31.





Click one of the **Front-Back Switch** tools to switch between the front flat and back flat in the foreground view. For details, see *Front and Back Preview* on page 31.



Click the **Transparency** tool to activate ghosting or masking, depending on the display mode. For details, see *Viewing Background Flat Through Foreground Flat* on page 32.





Click the **Increase Ghosting** tool or the **Decrease Ghosting** tool to change the degree of ghosting. For details, see *Viewing Background Flat Through Foreground Flat* on page 32.

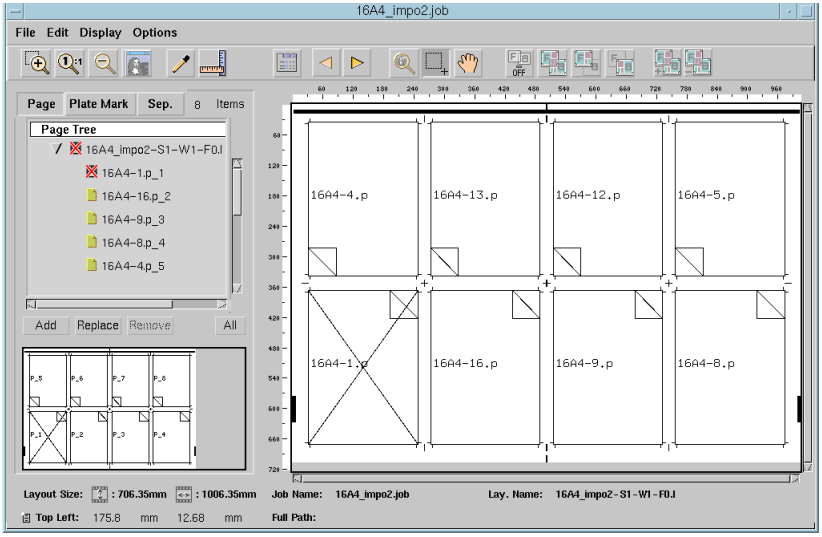
Verifying the Availability of Pages

When you first activate the Preview application with an Imposition Job, the Job is displayed in the **Nicknames** display mode. To change the default display mode, see *Chapter 4, Brisque Utilities & Preferences*, *Preview Preferences* on page 57. The available display modes are **Nicknames**, **Low Res Images**, **Quick Preview** and **Reader Spread**.

The **Nicknames** display mode, displays Page icons that represent the Pages, their names and their placement in the Layout. Use the **Nicknames** display mode to verify that the Pages are RIPped, and currently in correct location. Also use this display mode to verify the geometry of the Imposition.

To verify the availability of Pages:

➢ If the **Layout section** is not in the **Nicknames** display mode, from the **Display** menu, select **Nicknames**; a representation of the Pages in the Layout is displayed.



If a Page is unavailable, a large 'X' appears over the Page icon in the **Layout section**. A red 'x' appears on the icon of the file name and layout name in the **Page Tree** of the **Page** tab in the **List section**.

A Page may be unavailable due to the following:

- It has not been RIPped yet or translated into a Brisque supported format.
- It is not found in the location defined by the Imposition Job.
- The designated location cannot be accessed (for example when a server is down).

➢ To verify the path of a Page, verify that the **Select** tool or **Move** tool are active and click the specific Page icon in the **Layout Section**. The path is displayed below the Layout section.

Alternatively, select the Page name in the **Page Tree.**



Note: If the path extends beyond the box in the Preview Layout window, use the arrow keys on the keyboard to scroll left and right.

To restore a missing Page:

1. Verify the path of the missing Page (see above).
2. Click **Replace**; a browser is displayed.
3. Navigate to the missing Page according to the path you verified in step 1.
4. Select the Page and click **OK**; the Page is displayed in the **Layout Section** and its name is listed in the **Page** list.
5. From the **File** menu, select **Save**; the Job is updated.

Verifying the Layout

Use the **Low Res Images** display mode, the **Quick Preview** display mode or the **Reader Spread** preview to verify the position of Pages in the Layout.

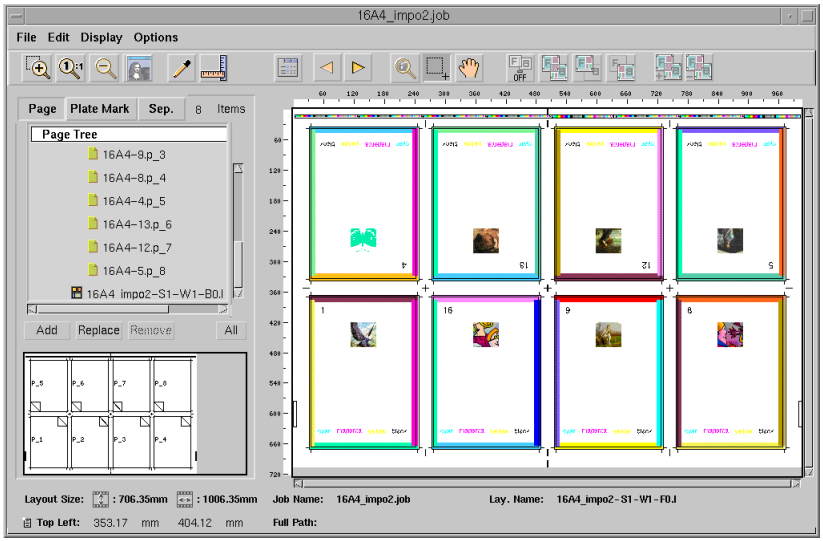
If you made corrections to Pages during the workflow, you can verify that the correct replacement Pages were substituted in the source locations.

Using Low Resolution Display Mode

This display mode is **slower** than the **Quick Preview** display mode but has a **higher** resolution.

To switch to Low Res Images display mode:

➢ From the **Display** menu, select **Low Res Images**.

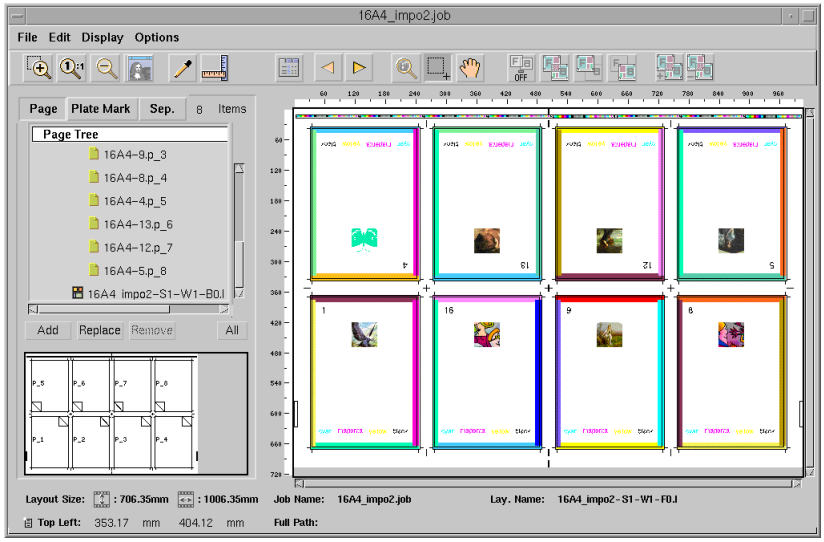


Using Quick Preview Display Mode

Use the **Quick Preview** display mode when the Pages are located in a remote station or server. The **Quick Preview** display mode is **quicker** than the **Low Res Images** display mode but has a **lower** resolution.

To preview the Layout with the Quick Preview display mode:

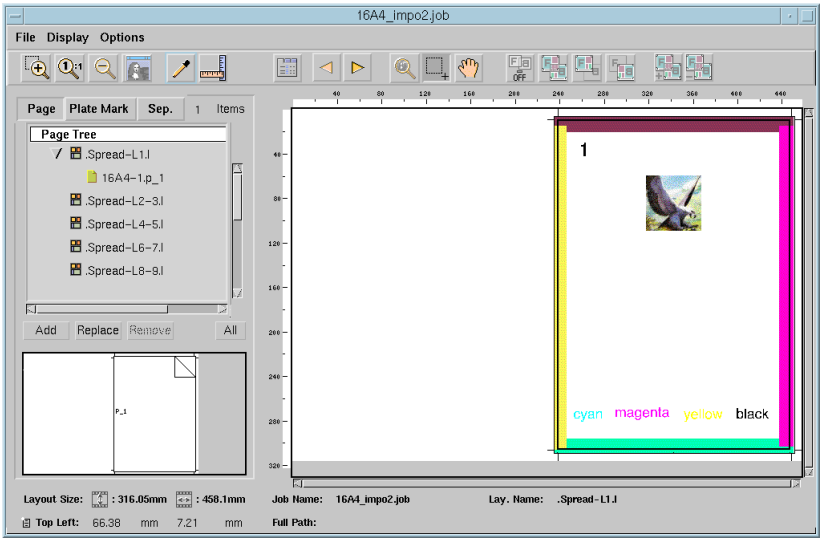
➢ From the **Display** menu, select **Quick Preview**.



Using Reader Spread Preview

To preview Reader Spreads of the layout:

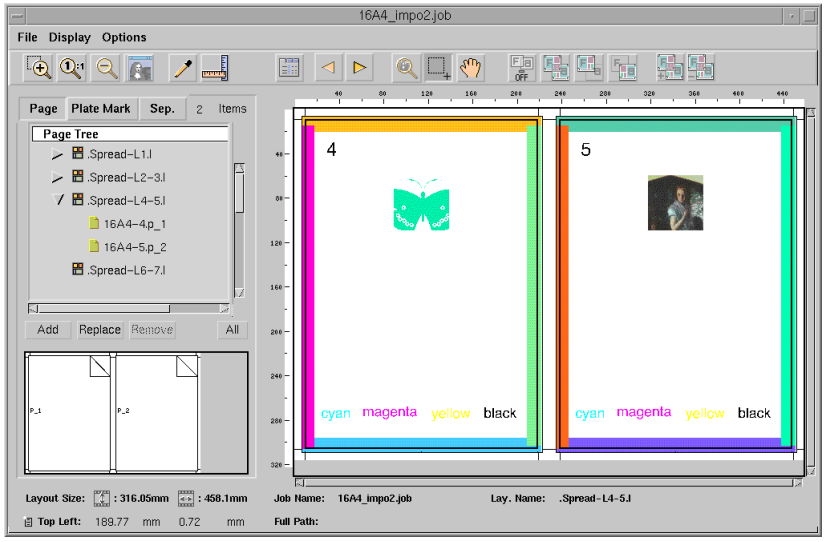
1. From the **Options** menu, select **Reader Spread** and then select **Left Bound** or **Right Bound**. The first Reader Spread from the Job is displayed in the Layout section.



2. To view the next spread, from the **Options** menu, select **Next Spread**.

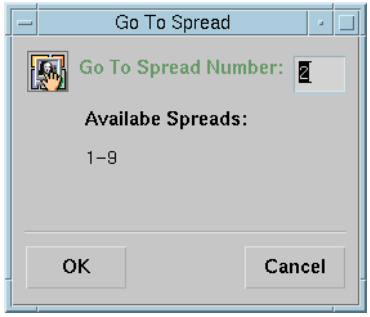
To preview a specific Reader Spread:

1. From the **Options** menu, select **Go to Spread**; a popup menu listing Reader Spreads and a Spread No… option is displayed.
2. Select a Reader Spread from the list; the selected Reader Spread is displayed in the Layout section.



Alternatively:

1. From the **Options** menu, select **Go To Spread** and then **Spread No…**; the **Go To Spread** dialog box is displayed.



2. In the **Go to Spread Number** box, type the Reader Spread number you want to preview and click **OK**; the requested Reader Spread is displayed in the Layout section.

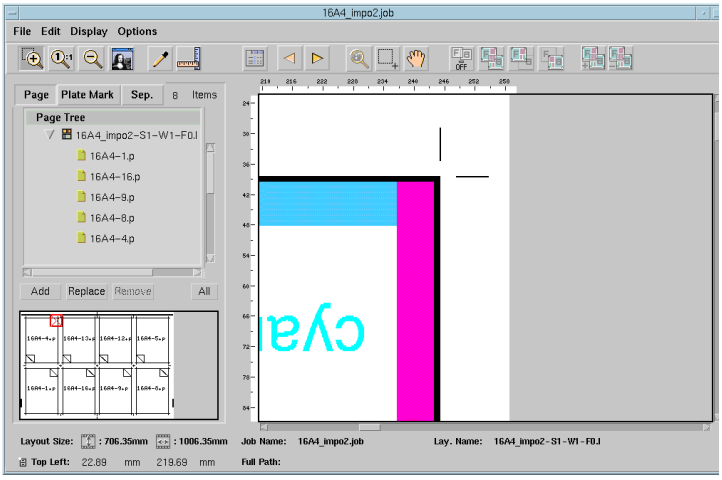
Previewing the Bleed

The Imposition Preview enables you to preview the bleed or the trim size of the Pages in the Job.

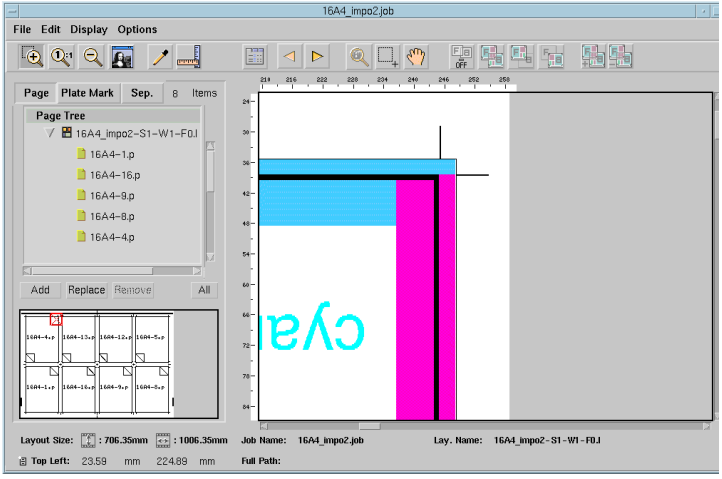
When you preview the bleed, the displayed image extends beyond the boundary of the final, trimmed Page.

By default, the bleed is displayed.

➢ To preview the trimmed Page, from the **Display** menu, select **Without Bleed**.



➢ To preview the bleed, clear the **Without Bleed** option.



Previewing Pages or Marks in High Resolution

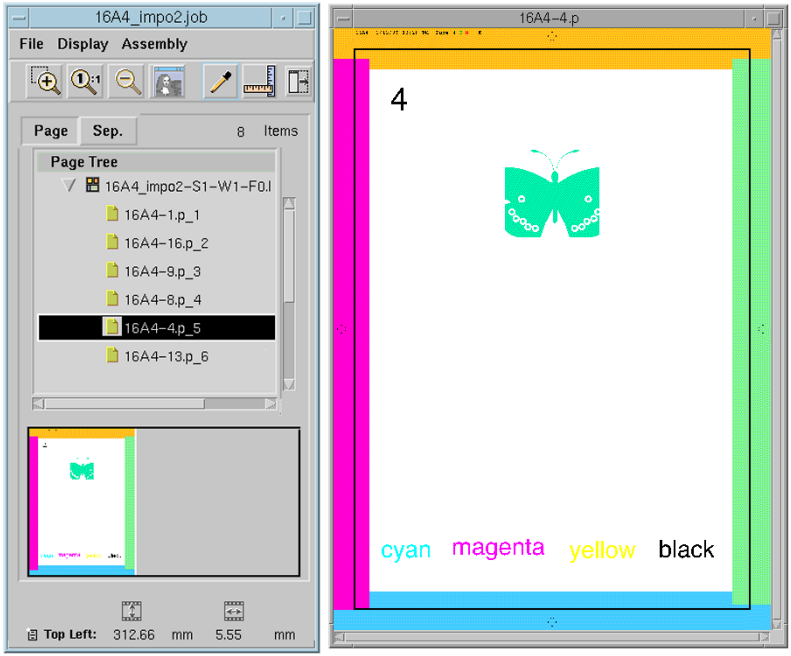
The **High-Resolution** preview mode enables you to preview one Page or mark of the Imposition Job at a time. In this mode, you can check the color separations and verify the FAF before exposing a Job.

To preview a Page or mark in high resolution preview:

1. Click the Page (or mark) that you want to preview.



2. Click the **HiRes Preview** tool; the Layout section is replaced by a High Resolution preview window of the single Page or mark.





➢ To see the Layout section as well, click the **Expand to Layout** tool, or from the **Assembly** menu, select **Switch To Layout**; the main Preview window expands to include the Layout section (under the Page Preview window).



Note: Selecting the Layout section activates all Toolbar tools except the **Fit Preview to Window** and **Zoom-Out** tools. Selecting the Page Preview window activates only the relevant tools for Page preview.



For details on using the tools and options available for previewing Pages, see *Chapter 16, Preview, Previewing Brisque Files, Jobs and Other Raster Files* on page 25.

➢ To return to the Imposition Layout preview, close the High Resolution Preview of the single Page or mark.



Important: To close the high resolution preview of the single Page, do not select one of the **Exit** options from the **File** menu. If you do, you will exit the Preview application.



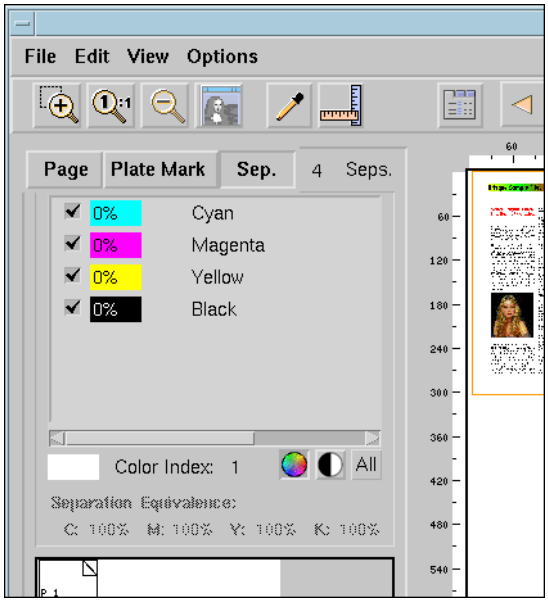
Note: If you want to return to previewing the Imposition Layout without closing the High Resolution Page Preview of the single Page, click the **Expand to Layout** tool.

Viewing Layout Separations

You can view the layout of the Imposition Job using one or several color separations together or one black-and-white separation.

To select which separations are viewed:

1. In the List section, select the **Sep.** tab; the Separation List is displayed.



2. Click one of the Display Mode icons:

   d. **Color**  icon - to view selected separations in color.

   e. **B&W**  icon - to view only one separation in black-and-white.

Working with Imposition Jobs that have Multiple Layouts

The Preview application provides several features for working with Imposition Jobs that have multiple Layouts. These features can be especially useful for working with Jobs that were originally created in the Preps application on the Macintosh.

Navigating Between Layouts



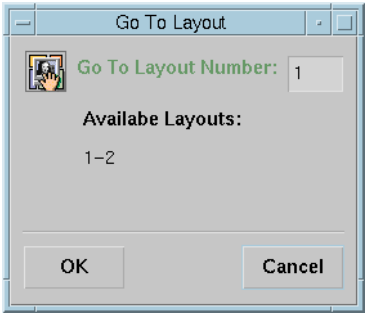
- To view the next Layout in the Imposition Job, from the Preview Layout toolbar, click the **Next Layout** tool.
- To view the previous Layout in the Imposition Job, from the Preview Layout toolbar, click the **Previous Layout** tool.

To view a specific Layout in the Job:

- Click the desired Layout in the Page Tree List.

Alternatively:

1. From the **Options** menu, select **Go To Layout** and then **Layout No…**; the Go To Layout dialog box is displayed.





Note: In the **Available Layouts** box, the number after the hyphen displays the number of available Layouts.

2. In the **Go To Layout Number** box, type the number of the Layout you want to view and click **OK**; the selected Layout appears in the Layout section.

Alternatively:

1. From the **Options** menu, select **Go To Layout**; a popup menu listing the Layouts and a Layout No… option is displayed.
2. Select a Layout from the list. The selected Layout is displayed in the Layout section.

Front and Back Preview

The Front and Back Preview enables you to confirm the alignment of the front and back flats within a Signature. By repositioning the Pages within the Layout section, you can easily correct the Signature without returning to the Imposition file.

The Front and Back Preview operations are easily activated with the one-click tools in the Preview Layout toolbar (described in this section).

Note: Front and Back Preview is only available for an Imposition Job with double-sided Layouts.

In this section we use the following terminology to describe the way flats are related to in the Front and Back Preview tool:

Front	Refers to the upper flat of a printed Signature.
Back	Refers to the lower flat of a printed Signature.



- To switch the Front and Back Preview Mode on or off, from the Preview Layout toolbar, click the **Front-Back Preview** tool; the **Front- Back Preview** tool displays the ON or OFF status.

  When the Front and Back Preview Mode is activated, the front flat displayed in the foreground is shown over the back flat (the back flat appears as a mirrored/flipped image, depending on the Working Style defined in the Imposition parameters in the **Preps** application).

Note: The flat displayed in the foreground is bordered in blue, and the flat displayed in the background is bordered in black.

Tip: To save processing time and let you work quicker, switch to **Nicknames** display mode while using the **Front and Back Preview**. If you want to work in the **Low Res Images** display mode, we suggest that you use a high zoom-in factor on the area you are checking for alignment to save processing time.

Changing Signature View between Front and Back Flat

You can view the Signature from either the front flat or the back flat (either flat can be in the foreground). This enables you to view and manipulate the alignment of both flats belonging to a Signature.

The back flat appears as a mirrored or flipped image (depending on the Working Style defined in the Imposition parameters).





- To switch the front flat or the back flat to foreground, click one of the two **Front-Back Switch** tools; the foreground flat is bordered in blue, and the background flat is bordered in black.

The foreground flat is displayed on the screen overlapping the background flat. Any area of a Page from the background flat not covered by a Page from the foreground flat can be seen. You can align the Page and mark elements of the front flat with those on the back flat (or vice versa) by repositioning the elements of the flats displayed in the foreground or background. See *Aligning Front and Back Elements in a Signature on page 33*.

Viewing Background Flat Through Foreground Flat

When you first activate the Front and Back Preview mode, the flat displayed in the foreground is superimposed over the flat in the background. Initially, the degree of transparency is 0%, such that only areas of the background flat not covered by elements from the foreground flat can be seen. In this section, we describe how to set the degree of transparency.

The following transparency modes are available (the activated transparency mode depends on the display mode you are in):

Ghosting In the **Low Res Images** and **Quick Preview** display modes, you can gradually increase the degree of transparency of the flat displayed in the foreground to view elements belonging to the flat displayed in the background. The degree of ghosting can be changed.



- To activate ghosting or masking, click the **Transparency** tool.
- To cancel ghosting/masking, click the **Transparency** tool again.



- To increase the degree of ghosting (in the **Low Res Images** and **Quick Preview** display modes), from the Preview Layout toolbar, click the **Increase Ghosting** tool.



- To decrease the degree of ghosting (in the **Low Res Images** and **Quick Preview** display modes), from the Preview Layout toolbar, click the **Decrease Ghosting** tool.

Aligning Front and Back Elements in a Signature

When ghosting or masking is activated, you can reposition Page and mark elements so that the front flat is completely aligned with the back flat.

Repositioning can only be done to elements on the foreground flat (bordered in gray) and moved in relation to the stationary elements in the background flat (bordered in black). The repositioning of Page and mark elements is done exactly as described on *Chapter 35, Working with a Layout*, *Positioning Elements* on page 46



Tip: To obtain a high level of accuracy when aligning elements, use a high zoom-in factor, **AND** reposition the elements by dragging with the right mouse button (this is much faster than using the Parameters window to manually reposition the elements).

Exiting the Preview Application

When the Preview operation is a a step in a template, the following exit options in the File menu are relevant:

Exit
- Select **Exit** to exit the Preview application and directly continue to the subsequent operations in the Job Ticket (such as, Improof or Expose).

Exit & Hold Job
- Select **Exit & Hold Job** to exit the Preview application and place the current Job Ticket on **hold**. See *Chapter 9, The Queue Manager* for details.

Exit & Terminate Job
- Select **Exit & Terminate Job** to exit the Preview application and terminate the Job Ticket (if one exists). The Job is listed as aborted in the **Failed** Queue of the Queue Manager. See *Chapter 9, The Queue Manager* for details.

When the Preview operation is not a step in a template, the following exit options in the File menu are relevant:

Exit
- Select **Exit**; the Preview application closes.

Exit & Terminate
- Select **Exit & Terminate;** the Preview application closes and the Job is listed as aborted in the **Failed** Queue of the Queue Manager. See *Chapter 9, The Queue Manager* for details.

35 Working with a Layout

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Overview

This chapter describes how to work with Layouts using the **Preview** application on the Brisque. You can modify full Imposition Jobs that were originally created in Preps, and also handle production tasks in which plate-ready films or direct to plate exposures are required, without the use of the full Imposition workflow.

You can use the Preview application to construct Layouts by selecting the Pages, Page marks, and plate marks that will make up the printed sheet, and placing them on the Layout. The relative sizes and positions of the different elements are graphically displayed. The resulting Layouts can be saved and then exposed to film or plate, or proofed as any other Job.

You can also add plate marks and sets of marks to an Imposition Job, replace a Page or rearrange Pages in the Job, insert a new layout, or delete one. These options can be applied to a Job that was originally created with the Preview Layout option of the Preview application, and also to an Imposition Job created from an ICF file.

Raster files (CT or LW) can be placed directly on the layout. You will be prompted whether you want the files to be translated to the Brisque Page format.

Creating a New Layout

To create a new Layout:

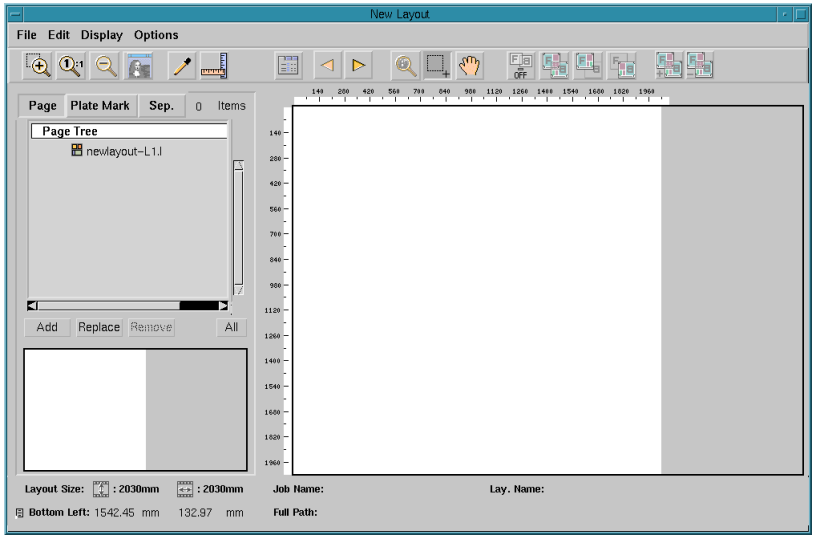
1. From the Brisque Launch Pad, open the **Operations** panel, and then double-click the **Preview** icon; the Preview window is displayed.
2. From the Preview window, select the **Create New Layout** option; the Preview Layout window is displayed.

Alternatively:

- Right-click the **Preview** icon, and then select **Create New Layout** from the popup menu; the Preview Layout window is displayed.

The Preview Layout Window

The Preview Layout window contains a **List** section, **Navigator** section, **Layout** section and a **Toolbar**. The **Layout** section is a graphic representation of the relative sizes and positions of the different elements in the imposition layout. The **List** section displays the **Page** list, the **Plate Mark** list and the **Separation** list. Notice that the size of the **Layout** section, and the Job and Layout names appear on the bottom of the window.



The **List** section contains the **Page** tab, the **Plate Mark** tab, and the **Sep.** tab.

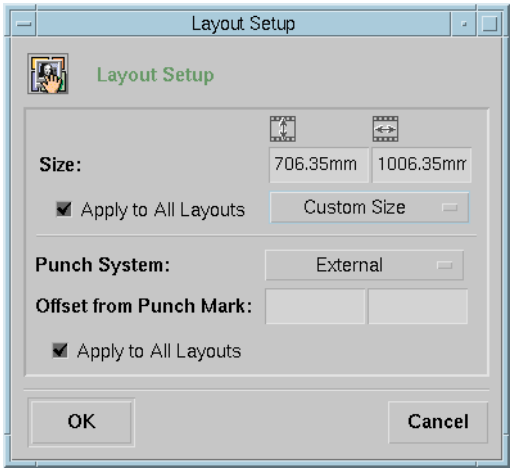
For a detailed description of the tabs, see *Chapter 16, Preview* and the relevant sections in this chapter.

The **Toolbar** above the **Layout** section contains tools that enable you to easily perform certain functions, such as toggling the Front and Back Preview options, moving between Layouts, and zooming the **Layout** section. These functions are described in this chapter, in *Chapter 16, Preview* and in *Chapter 34, Previewing An Imposition Job*.

Defining the Layout Parameters

You can redefine the size of the Layout section, as well as several other physical parameters of the Layout with the options contained in the Layout Setup dialog box.

➢ To access the Layout parameters, from the **File** menu, select **Layout Setup**; the Layout Setup dialog box is displayed. The default values match the connected output device.



Size

Defines the size of the Layout area.

The range of height and width values is 100-4600mm in both directions. You cannot define a value outside of those ranges.

When you define the Layout area (sheet size), make sure to subtract at least 6.35mm from the height and the width of the plate, to account for the Side Guide and Center Marks. Also take into account the Gripper Margin.

➢ Type values in the **Height** and **Width** boxes and click **OK**; the new values appear below the Navigator of the main Preview Layout window, and the Rulers reflect the defined Layout area.

Alternatively, select a size option from the **Custom Size** list located below the **Size** values. This list contains the height and width values that are appropriate to the connected imagesetter and/or platesetter as follows:

- ❒ For an imagesetter - height and width of the cassette(s)
- ❒ For a platesetter - height and width of the press format.

If you reduce the plate size after elements have already been placed in the **Layout** section, and the placed elements exceed the reduced Layout area, the application will not enable you to reduce it. You must first manipulate the elements so that they fit into the reduced Layout area.

Apply to All Layouts

Defines whether the new Layout Size parameters apply to all the Layouts in the Imposition Job, or to the active Layout only.

➢ To apply the new Layout Size settings to all the Layouts in the Job, select the **Apply to All Layouts** box.

➢ To apply the new Layout Size settings to the displayed Layout only, clear the **Apply to All Layouts** box.

Punch System

Determines if the Layout is punched during exposure.

➢ To select an option, click the **Punch System** menu list, and select an option from the list. The list contains the punch systems that exist on the connected imagesetter or platesetter. If no punch is installed, the only available option is **None**.

Offset from Punch Mark

Defines the offset of the **plate_punch_center** mark from the Pivot Position of the Punch system.

When no punch system is defined, this option is unavailable.

➢ Type offset values in the **Height** and **Width** boxes.

Apply to All Layouts

Defines whether the new Punch Layout parameters apply to all Layouts in the Imposition Job, or to the active Layout only.

- To apply the new Punch Layout settings to all the Layouts in the Job, select the **Apply to All Layouts** box.
- To apply the new Punch Layout settings to the displayed Layout only, clear the **Apply to All Layouts** box.

The **Apply to All Layouts** option does not apply to the **plate_punch_center** mark. To apply to all the Layouts, you must manually add this mark to each Layout.

- To confirm the Layout Setup options and return to the Preview Layout window, click **OK**.

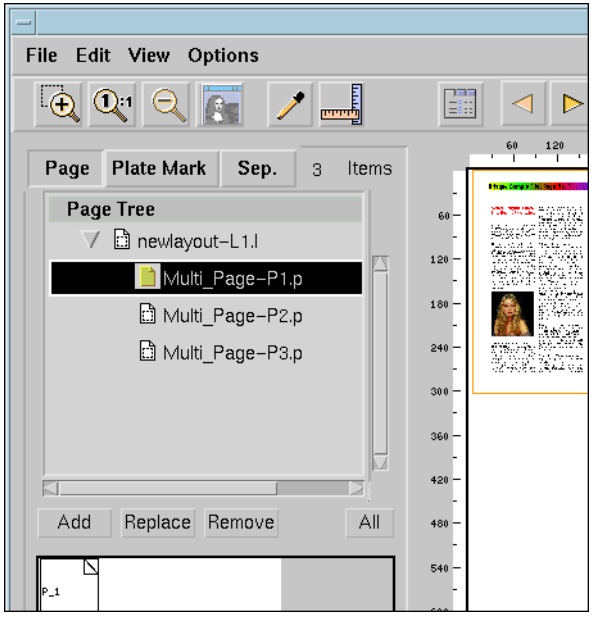
Adding Elements to the Layout

You create a Layout by placing different elements (Pages and marks) in the **Layout** section. First you create lists of elements, and then you place elements from the lists into the Layout.

Before you can place an element on the layout, it must appear in the **Page** or **Plate Mark** lists in the Preview Layout window. When you open a new Layout, the **Page**, **Plate Mark** and **Sep.** lists do not contain any elements, and a zero appears in the **List** box. You can only view one list at a time. To view one of the lists, select the **Page**, **Plate Mark** or **Sep.** tab.

Page Elements

Normally, the elements that you add to the Page list are individual Pages created by the RIP or Translate operations.



To add a Page element to the Page list:

1. In the Preview Layout window, make sure that the **Page** tab is selected and the Page list is displayed, and then click **Add**; the Add New Element dialog box is displayed.

   The Add New Element dialog box is a standard browser that you can use to add one or more elements to the list. (For a detailed description on using the browser on the Brisque, see *Chapter 3, Managing Files and Folders*).

2. Select a Page file from the browser.

3. Click **Apply**; the selected file is added to the Page list in the Preview Layout window, and the Add New Element dialog box remains open. Repeat this step as necessary, to add multiple elements to the Page list.

4. When you finish adding elements to the list, make sure that no file is selected in the browser and click **OK** to return to the main Preview Layout window.



Note: If a file is selected in the browser when you click **OK**, the selected file is added to the end of the Page list, even if it already appears once in the list.

.



Note: If you are creating a Layout that uses the same file in different ways or in different places, you must add that file to the list as many times as you intend to place it. If however, you want to include multiple copies of one file, each positioned the same way, and originating from one point on the Layout, use the **Step and Repeat** option (see *Repeat Tab on page 51*).

Marks

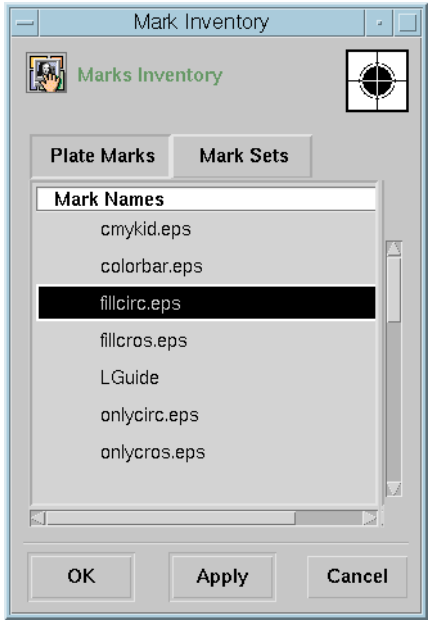
The elements that you add to the **Plate Mark** list are mark files (and sets of marks) that you want to include in the Layout. The mark files you add to the Layout must exist in the Brisque Marks library.

You can create your own custom marks and sets of marks and save them in the Brisque Marks library using the Brisque **Marks** application. For details see *Chapter 36, Working with Marks*.

Note: A mark (or set of marks) added to a layout is placed according to its reference point relative to the layout.
A mark (or set of marks) added to a Page is placed according to its reference point relative to the Page. For details about adding marks to a Page, see *Page Mark Tab on page 53*.

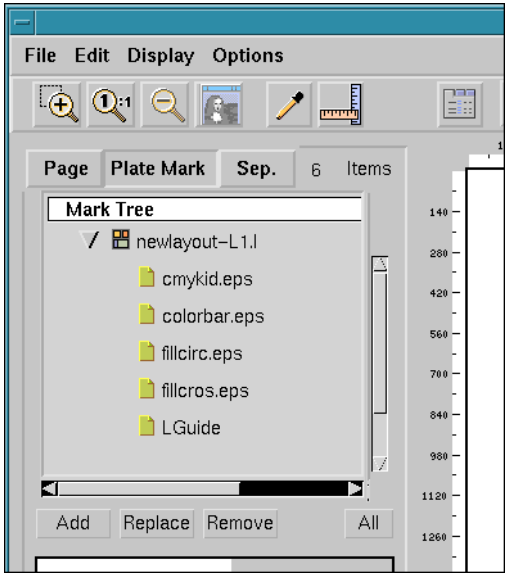
To add mark elements to the Mark list:

1. In the Preview Layout window, make sure that the **Plate Mark** tab is selected and the Mark list is displayed, then click **Add**; the Mark Inventory dialog box is displayed.



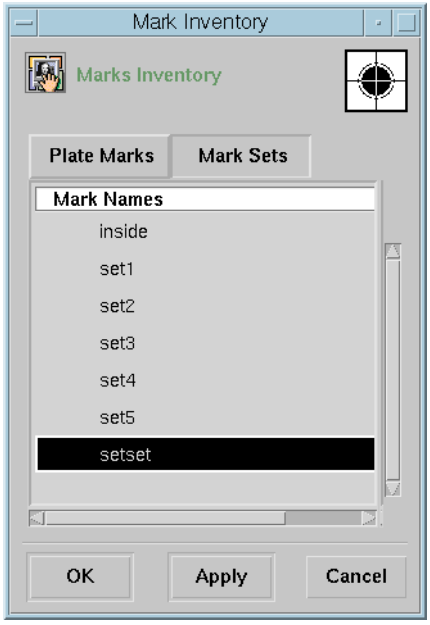
Note: If an element that you want to add to the **Plate Mark** list does not appear in the Mark Inventory dialog box, you can add it to the Mark Inventory list, by adding it to the Marks library. For details, see *Chapter 36, Working with Marks*.

2. Under the **Plate Marks** tab, select a mark that you want to add to the **Plate Mark** list of the Preview Layout window; the mark appears highlighted and a preview of the mark is displayed in the upper right corner of the dialog box. Click **Apply**.
3. Repeat step 2 for all the marks you want to add to the **Plate Mark** List.
4. After adding all of the marks you want, click **OK**; you are returned to the Preview Layout window, and the selected mark(s) appear in the Plate Mark list.



To add Mark Sets to the Layout:

1. In the Preview Layout window, make sure that the **Plate Mark** tab is selected and the Mark list is displayed, then click **Add**; the Mark Inventory dialog box is displayed.



2. Under the **Mark Sets** tab, select the set of marks that you want to add; the mark set appears highlighted. Click **Apply**.
3. Repeat step 2 for all sets of marks you want to add.
4. After adding all of the sets of marks you want, click **OK**; you are returned to the Preview Layout window, and the selected marks appear in the **Plate Mark** List.

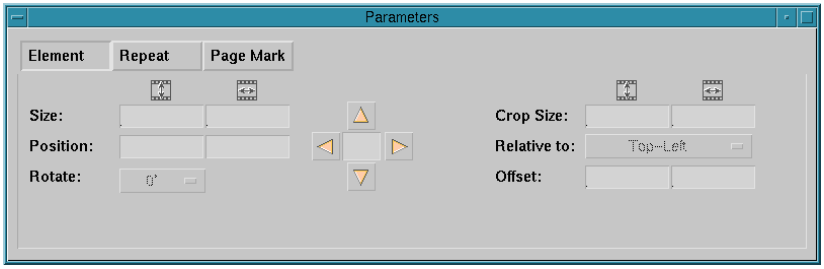
Positioning Elements

Once the elements you want to include in the Layout appear in one of the lists, you can define their positions, one at a time. When placing Page elements on the Layout, you can also add Page marks, and use the step-and-repeat feature.



To place or reposition an element in the Layout:

1. Select an element from either the **Page** or the **Plate Mark** lists, or from the **Layout** section (if the element is already placed).
2. From the **Display** menu, select **Show Parameters** or click the **Show Parameters** tool; the Parameters dialog box is displayed.



The Parameters dialog box lets you manipulate the selected element by setting or changing values in the **Element**, **Repeat** and **Page Mark** tabs as described on the next pages.

Alternatively:

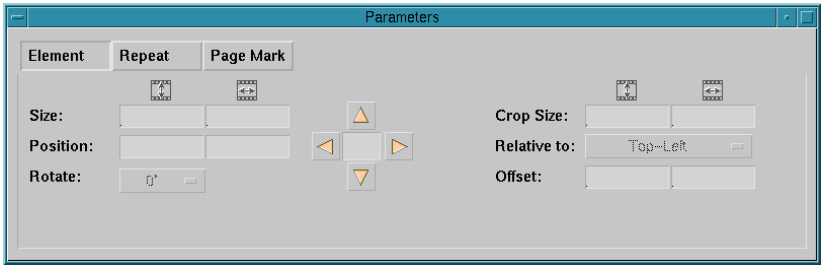


- To place an element on the Layout, from the list click the element name, then point to the desired location on the Layout, and click again.
- To reposition an element that already appears on the Layout, make sure the **Move** tool is active and select the element from within the Layout section. Then while holding down the left mouse button, drag the element to the desired location.



Tip: You can use the **Select** tool to select several elements and then move them together with the **Move** tool.

Element Tab



Size Indicates the size of the selected element. You cannot edit these boxes.

Position To position the selected element within the dimensions of the layout.

- Type a value in the **Vertical** and **Horizontal** boxes.

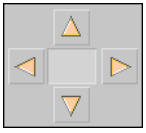
When positioning elements on the layout, you may want to display **Rulers**. To do so, from the **View** menu, select **Show Rulers.**

You may also want to use the **Guide Lines** to help you position the elements and check their alignment.

- To use the Guidelines, left-click and drag the guideline from the **Ruler** section.
- To delete the guidelines, from the **Display** menu, clear the **Show Guides** option.

Rotate To rotate the selected Page or mark element 0^{o}, 90^{o}, 180^{o}, or 270^{o}.

Move



To move the selected Page or mark element in any direction according to a defined distance.

- To move the selected element by increment value, type a distance increment value (in units configured for your system) in the box located between the move arrows, then click the move arrows in the direction you want the element to move.

Crop	**Crop Size** To crop the selected Page or mark element. **Relative to** To align the position of the crop. This parameter determines from where the image is offset. **Offset** To move the [0,0] co-ordinate of the crop to a specific place on the Page, not necessarily on the edge of the element.

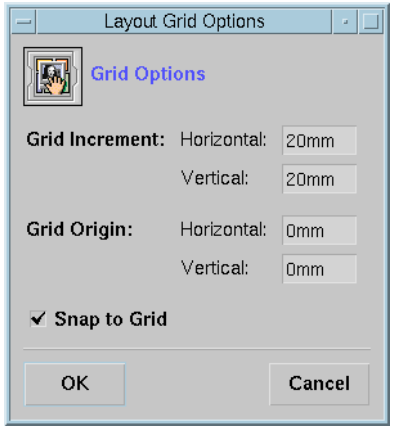
- To exit the Parameters dialog box, from the **Display** menu, click **Show Parameters**, or click the **Show Parameters** tool, or double-click the Window Control box. You can also keep the Parameters dialog box open, for quick access.

Grid

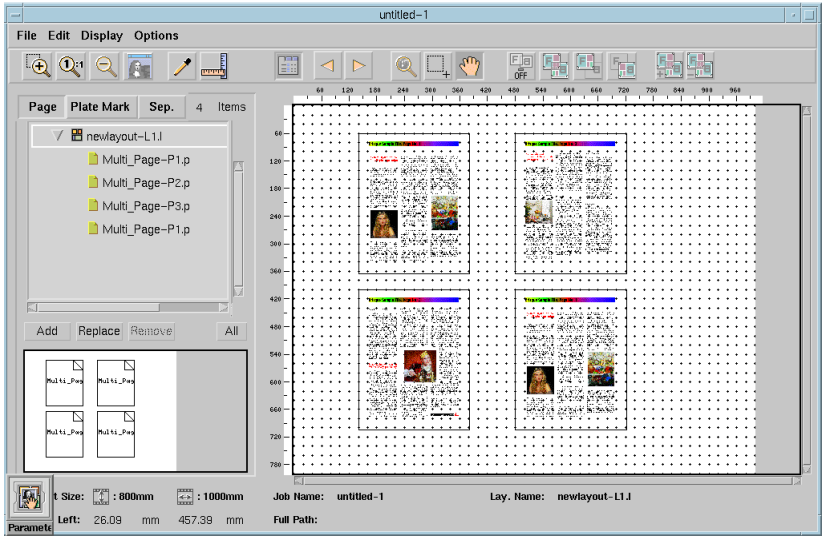
You may want to use a grid when positioning elements on the Layout.

To display a grid:

1. From the Display menu, select **Grid Options**; the Layout Grid Options dialog box is displayed.



2. Define the settings of **Grid Increment** and **Grid Origin** and choose whether you want the **Snap to Grid** option selected.
3. Click **OK**; The Layout Section displays the grid according to the defined settings.



➢ To cancel the grid, from the **Display** menu, click **Show Grid**.

Once an element appears in the Layout, you can select it from the list or from the Layout section. A selected element is bordered **orange** in the Layout section.



If there is a problem with the way an element is placed in the Layout, the icon to the left of that element in the Page list displays a **red warning mark**. The most common problem is that an element is placed in such a way that it exceeds the Layout size. Another common problem is that the Page marks placed around a Page element exceed the Layout area.

- To modify the position of an element, select it, and then redefine the parameters in the Parameters dialog box.

  Or, click the **Move** tool, point to the element in the Layout, and drag it to the correct location.

Overlapping Elements

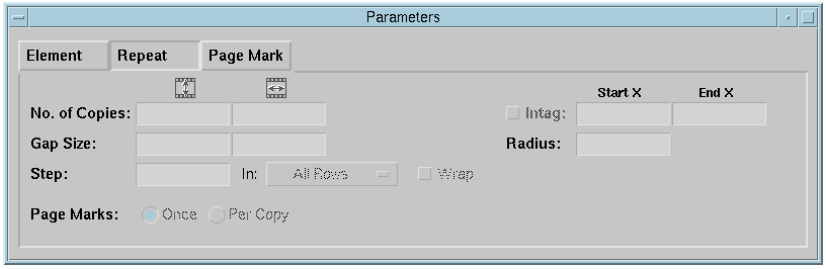
- To check if adjacent elements in the Layout overlap each other, from the **Display** menu, select **Show Page Overlap**; in the Layout section, overlapping areas are displayed with a flashing red and blue color effect. This effect automatically disappears after a few moments.

Repeat Tab

Use the **Repeat** tab of the Parameters dialog box to include multiple copies of one Page on the Layout. Currently, you can apply the **Step and Repeat** option to Page elements only, and not to mark elements.

To use the Step & Repeat option:

1. From the **Page** list or from the **Layout** section, select the element(s) that you want to Step and Repeat.
2. From the Parameters dialog box, select the **Repeat** tab; the following dialog box is displayed.



No. of Copies To define the number of times the image is repeated vertically and horizontally.
The repeated elements are grouped together. Any operation you perform, is performed on all of the grouped elements.

- To ungroup the elements, from the **Edit** menu, select **Ungroup Step & Repeat**.

After ungrouping, you cannot perform step-and-repeat on the elements.

Gap Size Indicates the vertical and horizontal space between each repetition of the image.

You may use a negative gap value for applications such as packaging, when you want images to be *nested*.

Step

Indicates the width offset (in mm) of the element from one row to another. You can select to step the elements in **All Rows,** only in **Even Rows,** or only in **Odd Rows**.

Wrap - select when using a gravure cylinder, if you want to wrap the stepped elements around the cylinder.

Page Marks

- Select **Once** to insert each user defined Page mark (see *Page Mark Tab on page 53*, for instructions on defining Page marks) only once, next to the group of repeated Pages.
- Select **Per Copy** to insert the user defined Page marks around each repetition of the selected Page.

Intag

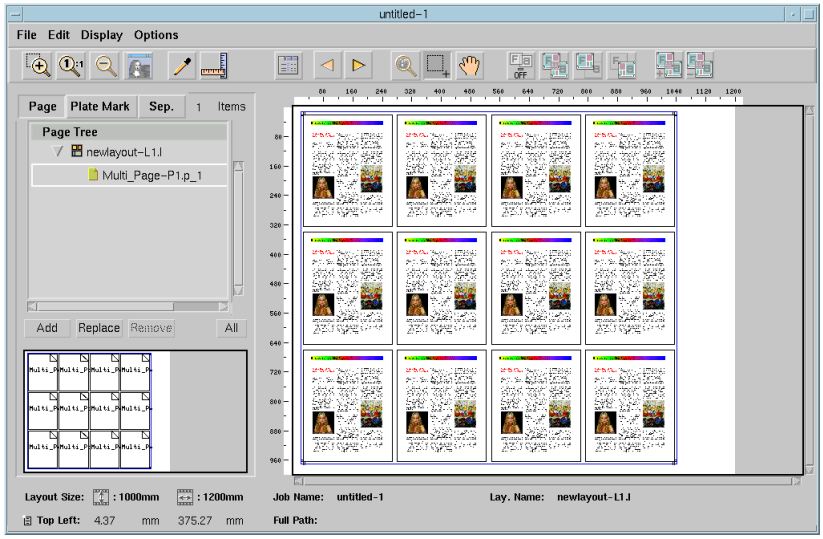
Select **Intag** to compensate for misregistration due to paper fan-out. This can occur usually when using more than one printing method (such as offset and embossing).

If the required correction is linear, measure the appropriate compensation and type values in the **Start X** and **End X** boxes.

If the required correction is not linear (curved), type a value in the **Radius** box as well.

- To exit the Parameters dialog box, from the **Display** menu, click **Show Parameters**, or click the **Show Parameters** tool, or double-click the Window Control box. You can also keep the Parameters dialog box open, for quick access.

The following graphic illustrates a Layout with an element that has been placed using the **Step & Repeat** feature:



Page Mark Tab

You can add Page marks to any Page element that appears on the Layout. Keep in mind that if a Page is positioned on the edge of the Layout, when you add Page marks, they may go beyond the defined Layout area (in which case the icon to the left of the element in the Page list displays the red warning marks). Move the element away from the edge until both the Page and the Page marks are within the defined Layout area.

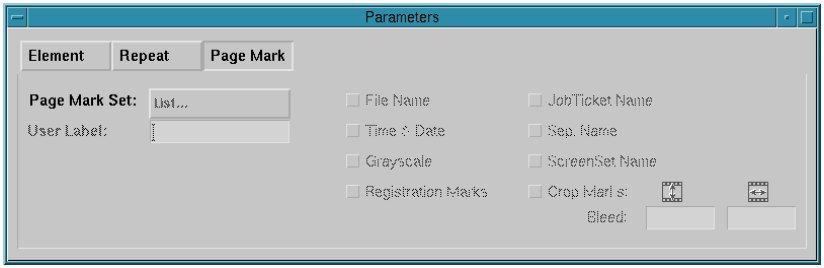
You can add sets of marks to any Page element. For details on creating sets of marks, see *Chapter 36, Working with Marks*.

To add Page marks to the selected Page element:

1. From the **Page** list or from the **Layout** section, select an element.

   If you want the same Page marks to appear by each Page element on the Layout, click the **All** button below the Page list to select all the Page elements at once.

2. In the Parameters dialog box, select the **Page Mark** tab; the following dialog box is displayed.



3. In the **Page Mark Set** box, click **List** and select a set of marks from the list.

4. To include a mark(s) listed in the Parameters dialog box, click the box of each Page mark that you want to appear on the Layout.

   - If you select the **Crop Marks** option, you must define the **Bleed** to indicate the position of the Crop Marks relative to the Page. (The minimum bleed value is 4 mm.)

   - To add a Grayscale to a Page element, make sure that the length of the Page element is at least double the length of the Grayscale. Otherwise an error message indicates that there is no room for the Grayscale because the Page is too small.

➢ To exit the Parameters dialog box, from the **Display** menu, click **Show Parameters**, or click the **Show Parameters** tool. Alternatively, double-click the Window Control box. You can also keep the Parameters dialog box open, for quick access.

Viewing the Layout

The Preview application provides several Layout display modes.

For details, see *Chapter 34, Previewing An Imposition Job*, *Verifying the Layout* on page 22 and *The Toolbar (tools related to Layout Preview)* on page 18.

Viewing Layout Separations



See *Chapter 34, Previewing An Imposition Job, Viewing Layout Separations* on page 29.

Replacing an Element

You can easily substitute a replacement Page or mark element that is already positioned on the Layout. The new element inherits the defined Crop, Rotate, and Step and Repeat parameters from the element it is replacing.

To replace an element in the Layout:

1. From the **Page** or **Plate Mark** list, or from the **Layout** section, select the element that you want to replace.



Note: If the elements are **grouped** and you select an element, all elements are selected and will be replaced in the next step. Therefore, if you want to replace only a single element, first make sure the elements are ungrouped.

2. Click **Replace**; a browser is displayed.
3. From the browser, select the replacement file and click **OK.** To replace additional elements of the same type (Pages or marks), click **Apply.**



Note: If you click **Apply**, the browser stays open and you can select a different element in the layout and replace it.

Deleting an Element

To delete an element from the Layout:

1. From the **Page** or **Plate Mark** list, or from the **Layout** section, select the element that you want to delete.
2. Click **Remove**; the system prompts you to confirm the Remove command.

Replacing Multiple Pages

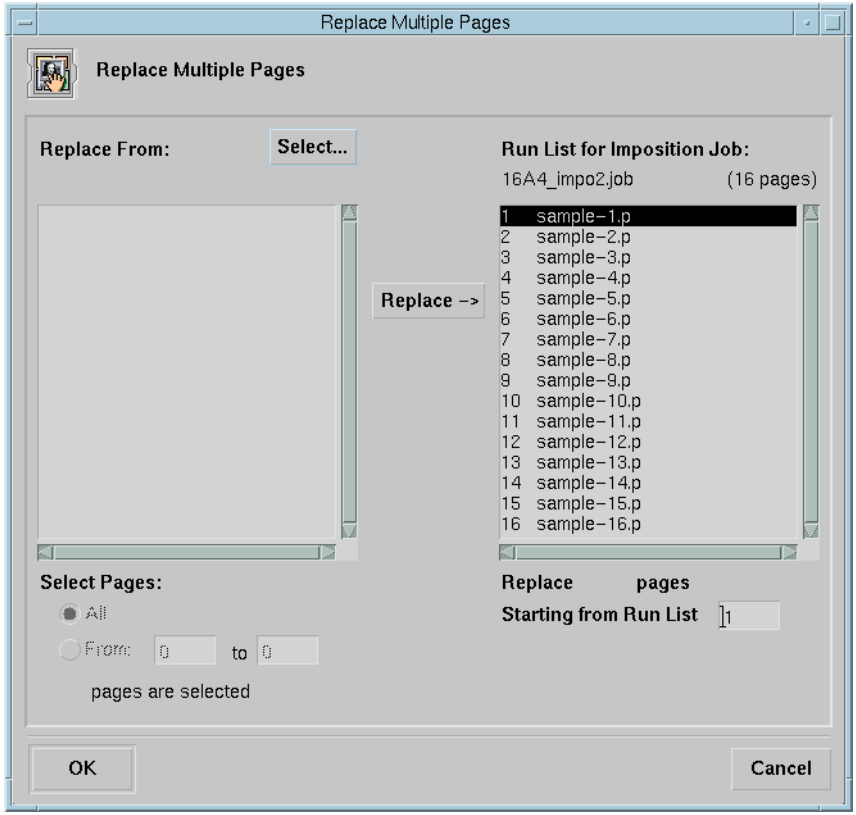
You can replace multiple Page elements in the layout at the same time. The new elements inherit the defined Crop, Rotate, and Step & Repeat parameters from the element it is replacing.

This feature is especially useful when you want to use the same Job layout with different Pages.

Note: This feature supports only Imposition Jobs which include Run Lists that have not been modified or deleted (Imposition Jobs created from ICF files where Pages have not been added or deleted).

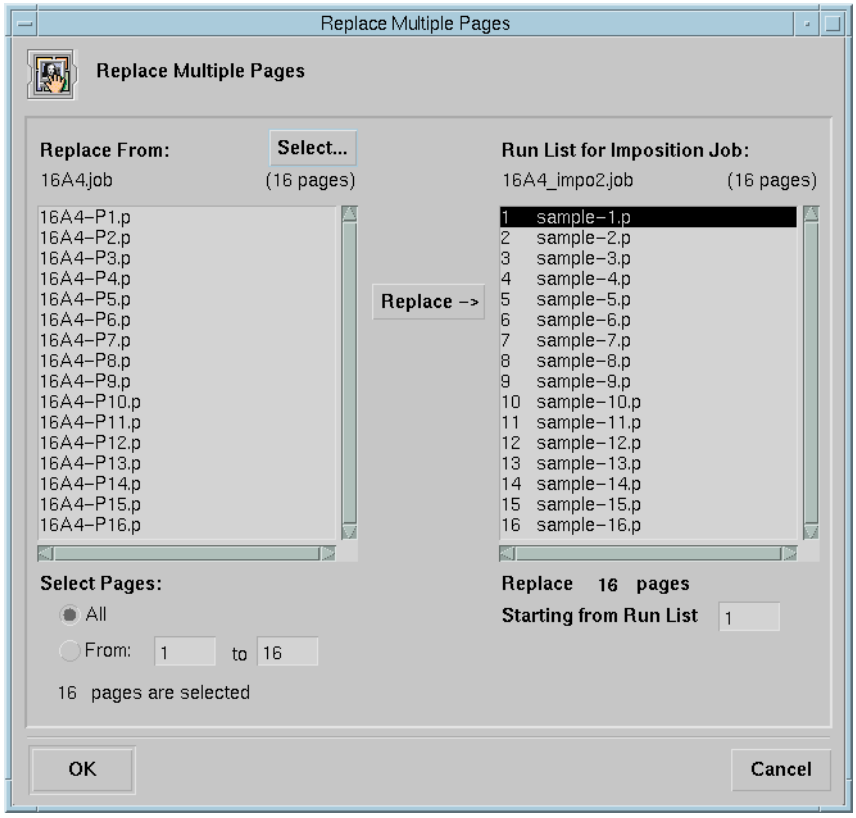
To replace multiple Page elements in the Layout:

1. From the **Edit** menu, select **Replace Multiple Pages...**; the Replace Multiple Pages dialog box is displayed.

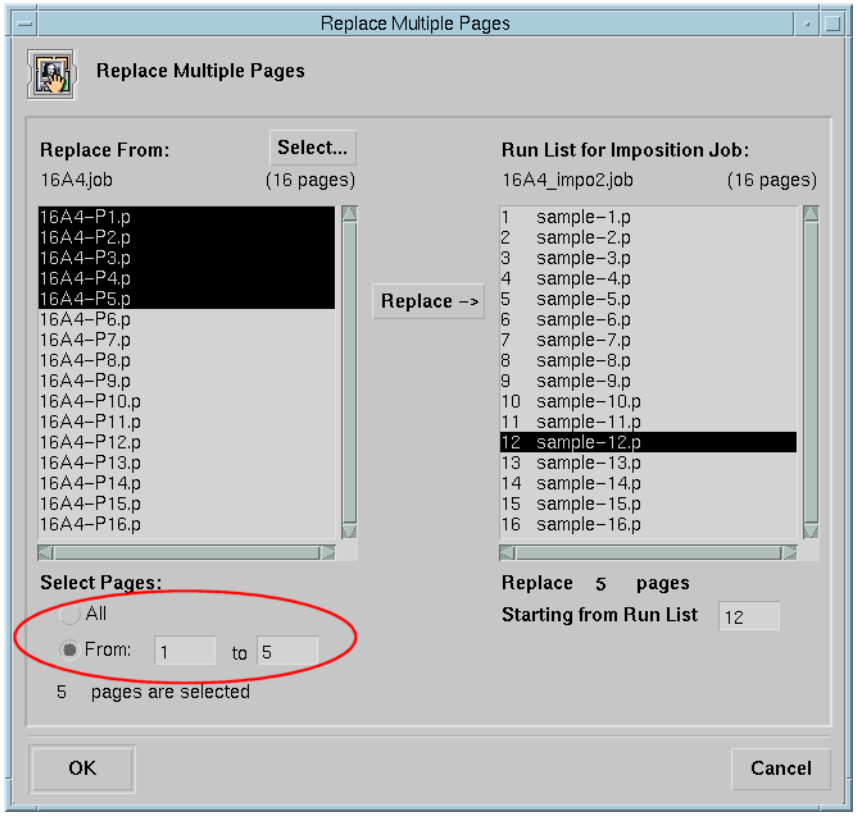


The **Run List for Imposition Job** section lists the Pages in the Layout and their Run List numbers.

2. In the **Replace From** section, press **Select...**; a browser is displayed.
3. From the browser, locate the Job that contains the Pages you want to insert and click **OK**; the Pages in the selected Job appear in the left column of the Replace Multiple Pages dialog box.

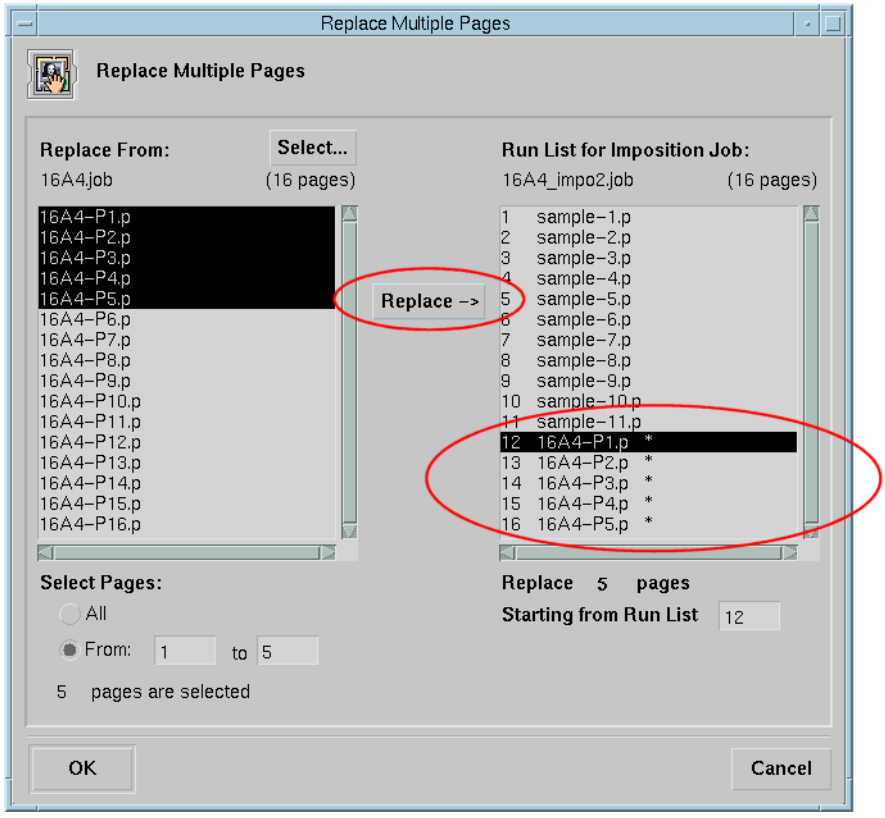


4. In the **Select Pages** section, select **All** to include all the Pages of the Job in the Layout, or select a group of consecutive Pages.



5. In the **Starting from Run List** box, type the run list number of the first Page you want to replace or select the Page in the **Run List for Imposition Job** column.

6. Click **Replace**; the Pages are replaced in the right column according to your selection and are marked with an asterisk.



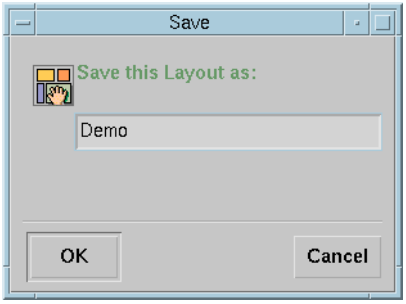
- To replace additional Page elements from the selected Job, repeat steps 4 to 6.
- To replace additional Page elements from a different Job, repeat steps 2 to 6.

Saving the Layout

Once you have defined and placed elements on the Layout, you can save the Layout as a file.

To save the Layout for the first time:

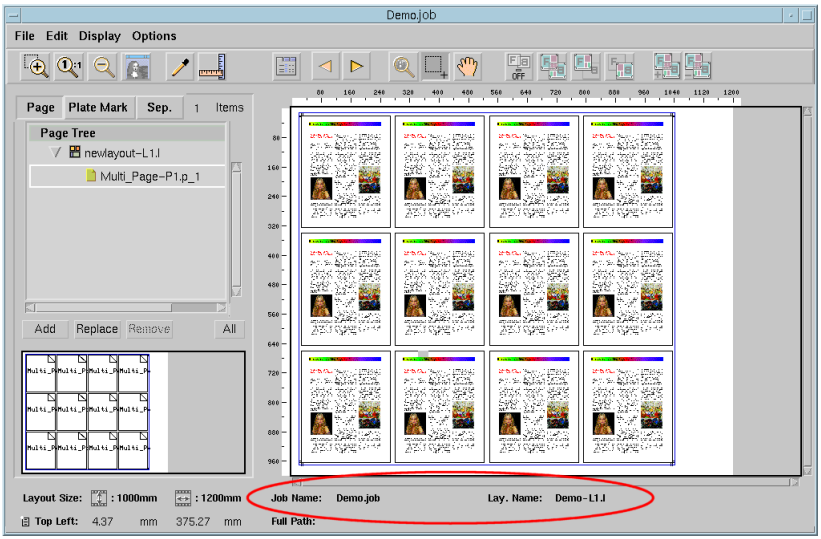
1. From the **File** menu, select **Save As**; the Save As dialog box is displayed.
2. In the dialog box, browse to the file location, and click **OK**; the Save dialog box is displayed, prompting you to name the Layout.
3. Type a name in the **Save this Layout as** box and click **OK**.





Important: The name of the layout should not include spaces or special characters other than letters, digits and the underscore character.

The **.job** extension is automatically added to the file name, which is shown below the Layout section of the Preview Layout window, and the names of the Pages in the Layout are renamed accordingly.



Note: When using the Layout option of the Preview application the created Job is an **Imposition (IMPO) Job**, and displays the special Imposition Job icon in the File Manager window.
If the Layout includes overlapping Page elements, the resulting Job is a **Packaging (PKG) Job** and displays the special Packaging Job icon in the File Manager window.

For information about the available Packaging workflows, see the *BrisquePack Workflow Solutions User Guide*.

Modifying an Existing Imposition Job

You can modify an Imposition Job by adding, deleting, replacing, or modifying elements. You can even add new Layouts to the Job, or delete an entire Layout from a Job.

To modify an existing Imposition Job:

1. While pressing the CTRL key, drag an Imposition Job from the File Manager browser onto the **Preview** icon in the **Operations** panel.

   If a Page is unavailable, a large 'X' appears over the Page icon in the Layout section. A red 'x' appears on the icon of the file name and layout name in the Page Tree.

   A Page may be unavailable because it cannot be found in the location defined by the Imposition Job, because the application cannot access the designated location (that is, a server is down), or, in the case of an Imposition Job created from an ICF file, because the Page has not yet been RIPed or translated into the Brisque Page format.

   Any Pages that appeared in the Page list the last time you opened the file, but that were not used in the Layout, no longer appear.

2. Modify the Job as necessary, using the features described throughout this chapter.

3. From the **File** menu, select **Save**; the Job file is updated. You can continue to work on this file, or you can close it.



Note: You can undo changes made to the Job since the last time it was saved by selecting **Revert** from the **File** menu.

Using a Template with the Layout Arrange Option

The **Layout Arrange** feature of the Preview application enables you to automatically arrange elements in a layout. When including the **Layout Arrange** feature in a template, you can use one of the two options as follows:

- Step & Repeat
- Flat mode.

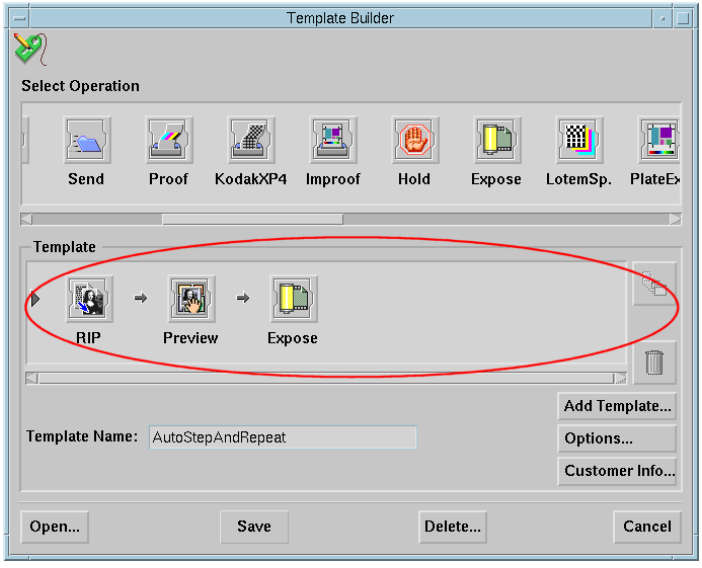
Using a Template with Step-and-Repeat Parameters

You can define an automated workflow of creating a Layout with a repeated element, by including Preview with specific step-and-repeat parameters in a template.

Note: You can only repeat one element in this automated workflow. Therefore, you can use this template only with a Page, or a Job containing a single Page, CT or LW.

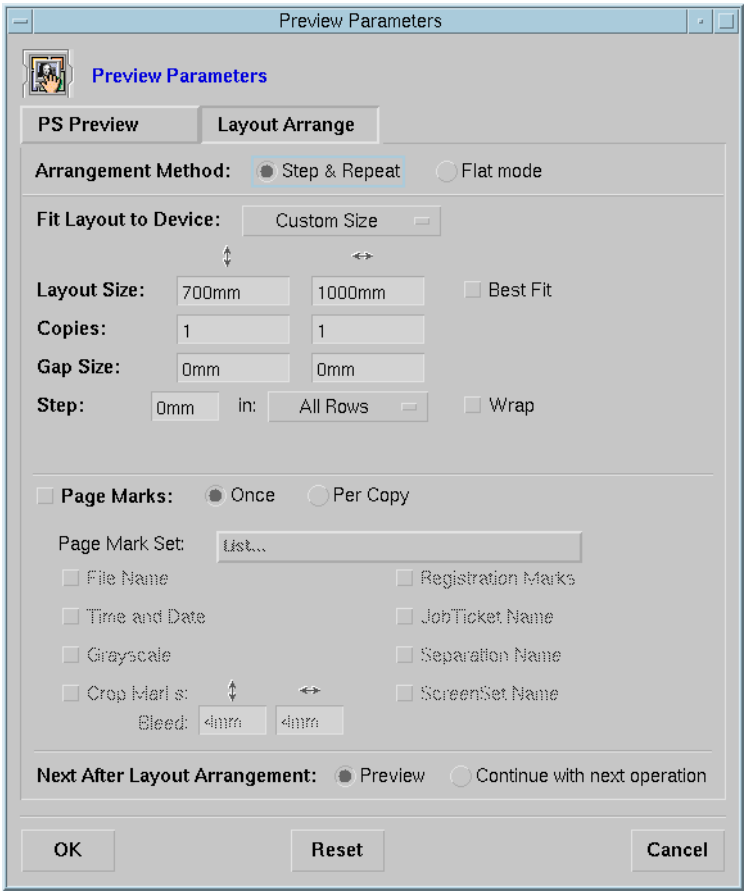
To use a template with step-and-repeat parameters:

1. Create a template or a Hot Folder that includes **Preview** as one of its operations, such as a template with RIP, Preview and Expose.



For information about creating templates, see *Chapter 6, Defining Templates*.

2. In the **Template** section, double-click the **Preview** icon; the Preview Parameters window is displayed.



3. Under the **Layout Arrange** tab, select **Step & Repeat** in the **Arrangement Method** box.

4. Define the parameters for the step-and-repeat layout as follows:

   - **Fit Layout to Device** - select a size option from the list. This list contains the Height and Width values that are appropriate to the connected imagesetter and/or platesetter as follows:

     For an imagesetter - Height and Width of the cassette(s)

     For a platesetter - Height and Width of the press format.

   - **Layout Size** - defines the size of the Layout area.

➢Type a value in the **Height** and **Width** boxes.



Note: The range of height and width values is 100-4600mm in both directions. You cannot define a value outside of this range.

Best Fit - select this option to match Layout Size with the element size and the step-and-repeat parameters.



Note: When selecting **Best Fit**, the **Fit Layout to Device** and the **Layout Size** boxes are unavailable.

- **Copies** - define the number of times the image is repeated vertically and horizontally.
- **Gap Size** - indicates the vertical and horizontal space between each repetition of the image.

  You may use a negative gap value for applications such as packaging, when you want images to be *nested*.
- **Step** - indicates the width offset (in mm) of the element from one row to another. You can select to step the elements in **All Rows**, only in **Even Rows**, or only in **Odd Rows**.

  Wrap - select when using a gravure cylinder, if you want to wrap the stepped elements around the cylinder.
- **Page Marks** - Select **Once** to insert each user defined Page mark (see *Page Mark Tab on page 53*, for instructions on defining Page marks) only once, next to the group of repeated Pages.

  Select **Per Copy** to insert the user defined Page marks around each repetition of the selected Page.
- **Page Mark Set** - click the button and select a set(s) of marks from the list.
- To add any of the listed Page marks, click its box.

  If you select the **Crop Marks** option, you must also include the **Bleed** values. (The minimum bleed value is 4 mm.)

  To add a **Grayscale** to a Page element, make sure that the length of the Page element is at least double the length of the Grayscale. Otherwise an error message indicates that there is no room for the Grayscale because the Page is too small.

- **Next After Layout Arrangement:** select **Preview** to stop the automated process after the step-and-repeat layout is created, so that you can preview the layout before continuing.

  Select **Continue with next operation** to continue the automated process with the next operation in the template after creating the layout.

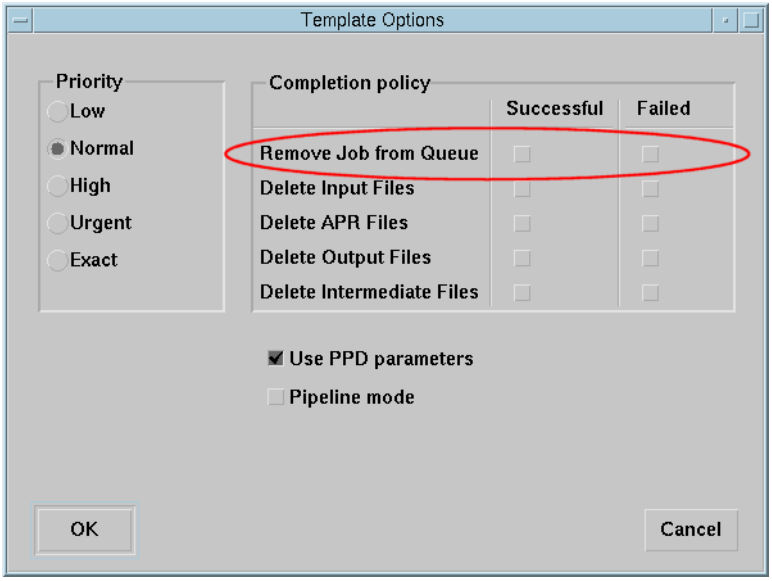
5. Click **OK** to set the parameters.

The template now contains the Preview operation with the defined step-and-repeat parameters. You can drag and drop any Page, or Job with single Page, CT or LW and the step-and-repeat layout is created according to these parameters.

The step-and-repeat layout is **not** saved when created in a template with step-and-repeat parameters. When you drag the file to the template, the Preview operation opens, creates the step-and-repeat layout and then the Job goes to the next operation in the template without saving the layout.

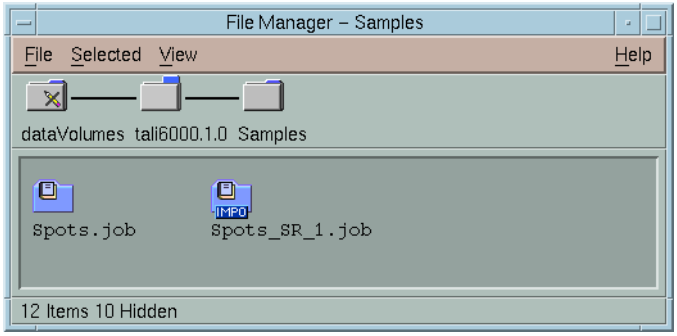
To save the step-and-repeat layout for future use:

1. In the Template Builder window, select **Options**; the Template Options dialog box is displayed.



2. In the **Completion policy** section, clear the **Remove Job from Queue** option, in both the **Successful** and **Failed** columns.

The Job is saved in the same location of the single element used to create the step-and-repeat layout, with the name of the element as follows: **elementname_SR_1.job**.



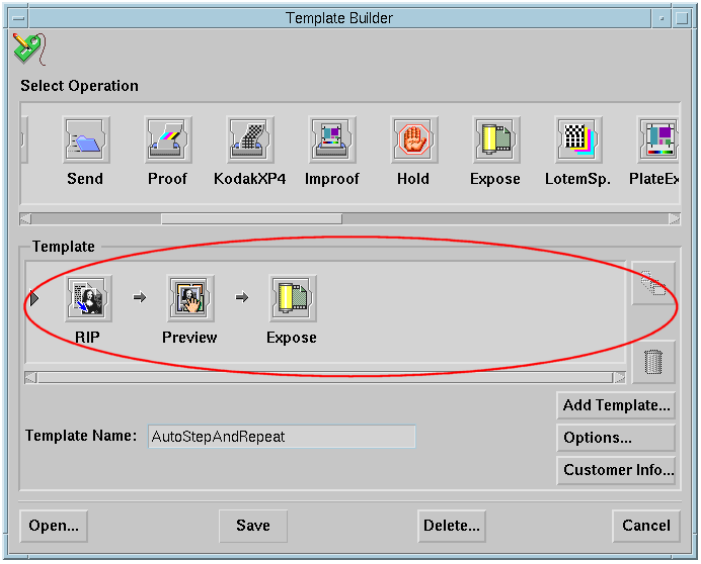
Using a Template with Flat mode Parameters

You can define an automated workflow of creating a Layout with an automatic arrangement of elements, by including Preview with specific Flat mode parameters in a template.

Note: The Flat mode option is appropriate when including more than one element in the Layout. Therefore, you use this template when selecting more than one Page or single-page Jobs, or a Job containing multiple pages, CTs or LWs.

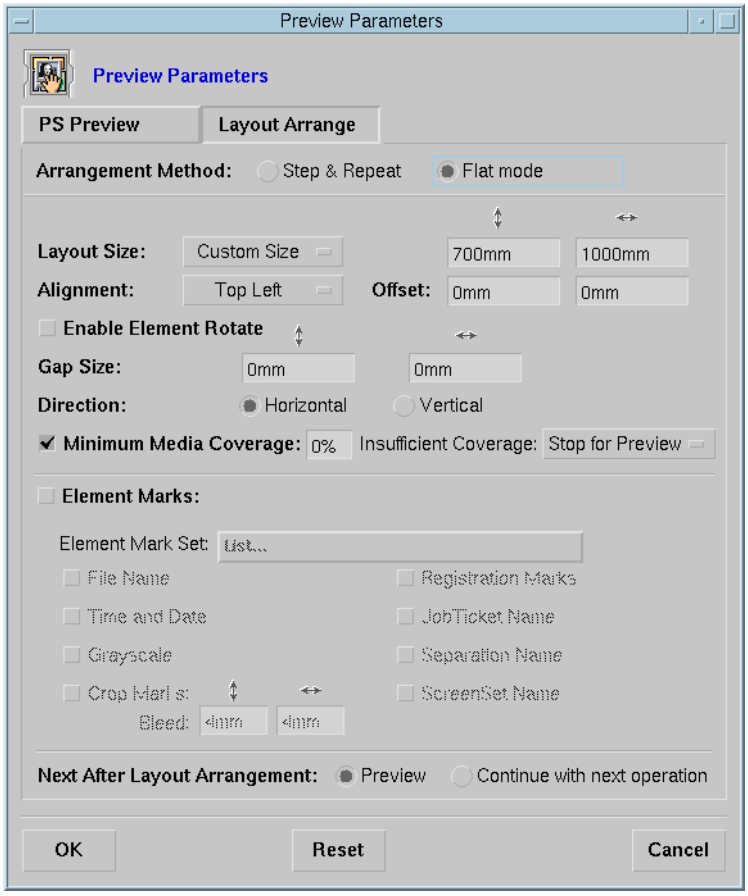
To use a template with Flat mode parameters:

1. Create a template or a Hot Folder that includes **Preview** as one of its operations, such as a template with RIP, Preview and Expose.



For information about creating templates, see *Chapter 6, Defining Templates*.

2. In the **Template** section, double-click the **Preview** icon; the Preview Parameters window is displayed.



3. Under the **Layout Arrange** tab, select **Flat mode** in the **Arrangement Method** box.

4. Define the parameters you want for the layout as follows:

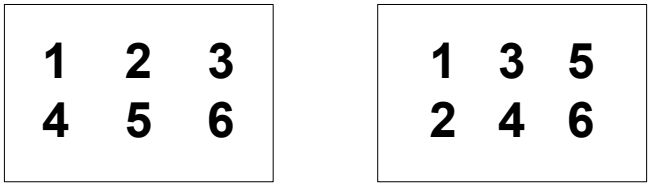
   - **Layout Size** - defines the size of the Layout area.

     ➢Select a predefined size from the **Layout Size** menu or type a value in the **Height** and **Width** boxes.

     Note: The range of height and width values is 100-4600mm in both directions. You cannot define a value outside of this range.

- **Alignment** - defines the alignment point of the first selected element (Top, Bottom or Middle and Left, Right or Center).
- **Offset** - defines the distance of the first selected element from the alignment point.
- **Enable Element Rotate** - if selected, elements can be rotated automatically in order to achieve an optimized layout arrangement.
- **Gap Size** - indicates the vertical and horizontal space between each repetition of the image.

  You may use a negative gap value for applications like packaging, when you want images to be *nested*.
- **Direction** - defines the sequence of the element arrangement (**Horizontal** or **Vertical**).



Horizontal direction **Vertical direction**

- **Minimum Media Coverage** - sets a minimum coverage value (in %) and whether to **Stop for Preview** or **Abort Job** if the minimum coverage value is not met.
- **Element Marks** - select this check box if you want to add marks to the layout.
- **Element Mark Set** - click the button and select a set(s) of marks from the list.

  To add any of the listed element marks, click its box.

  If you select the **Crop Marks** option, you must define the **Bleed** values. (The minimum bleed value is 4 mm.)

  To add a **Grayscale** to a Page element, make sure that the length of the Page element is at least double the length of the Grayscale. Otherwise an error message indicates that there is no room for the Grayscale because the Page is too small.

- **Next After Layout Arrangement:** select **Preview** to stop the automated process after the step-and-repeat layout is created, so that you can preview the layout before continuing.

  Select **Continue with next operation** to continue the automated process with the next operation in the template, after creating the layout.

5. Click **OK** to set the parameters.

The template now contains the Preview operation with the defined Flat mode parameters. You can drag and drop Pages, Jobs, CTs or LWs and the layout is created with an automatic arrangement of the elements according to these parameters.

The layout is **not** saved when created in a template with flat mode parameters. When you drag the files to the template, the Preview operation opens, creates the layout and then the Job goes to the next operation in the template without saving the layout.

To save the layout for future use, see *page 66*.

Closing a Job

After working on a Job, you must close it. You can either save the changes you made to the Job, or close the file without saving changes.

To close a Job:

1. From the **File** menu, select **Close**; if the modified file was not saved prior to selecting the Close option, the "`Lose Changes to Layout`" message is displayed.
2. Click **Yes** to close the file without saving changes, or click **No** to cancel the Close command.

When you close a Job, the Preview application remains active. You can either continue working in Preview, or exit the application.

Adding an Empty Layout to the Job

The New Layout function enables you to add an empty Layout to the Imposition Job. When you add the new Layout to the Job, you can position Page and mark elements on the Layout as described in this chapter.

➢ To add a new Layout to the active Job, from the **Options** menu, select the **New Layout** option.

Merging Layouts

The Merge Layout function enables you to merge an existing, external Layout into one or all of the layouts on the Job. You can use the Preview application to create a layout that defines a standard set of plate marks (and their positioning on the layout) that you want to use repeatedly, and save the Layout as an Imposition Job file. Then, every time that you want to apply these plate marks to an Imposition Job, you merge the Layout Job that defines the plate marks into the Job that defines the Page elements.

To add a Layout that defines plate marks to the active Job:

1. From the **Options** menu, select **Merge Layout**; a browser is displayed.
2. Select the Layout that defines the plate marks, and click **Apply** or **OK**; a message is displayed prompting if the Layout is to be added to all the Job Layouts.
3. Click **Yes**; the plate marks are added to every Layout in the active Job.

Deleting a Layout

As long as the active Job has multiple Layouts, you can delete a selected Layout. If the Job has only one Layout, the Delete function is unavailable.

To delete a layout from the Job:

1. Display the Layout in the **Layout** section.
2. From the **Layout** menu, select **Delete Layout**; the Layout is deleted, and if necessary, the remaining Layouts are renumbered sequentially. (If you delete the last Layout in the Job, the numbers of the remaining Layouts are not changed.)

Exiting the Preview Application

When the Preview operation is a step in a template, the following exit options in the File menu are relevant:

Exit
- To exit the Preview application and directly continue to the subsequent operations in the Job Ticket (such as, Proof or Expose).

Exit & Hold Job
- To exit the Preview application and place the current Job Ticket on **hold**. See *Chapter 9, The Queue Manager* for details.

Exit & Terminate Job
- To exit the Preview application and terminate the Job Ticket (if one exists). The Job is listed as aborted in the **Failed** Queue of the Queue Manager. See *Chapter 9, The Queue Manager* for details.

When the Preview operation is not a step in a template, the following exit options in the File menu are relevant:

Exit
- To close the Preview application.

Exit & Terminate
- To close the Preview application and abort the job; the Job is listed as aborted in the **Failed** Queue of the Queue Manager. See *Chapter 9, The Queue Manager* for details.

36 Working with Marks

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Overview

You can place Marks on a Layout using the Preps application on the Macintosh, or using the Brisque Preview application. The Brisque is supplied with a library of predefined Marks that matches the Preps default Marks library.

According to your Layout needs, you may want to create custom Marks, and add them to the two libraries.

When you place a Mark on a Layout created in Preps, the resulting Brisque Imposition Job only names the Mark, and does not actually contain the Mark. Therefore, the Mark must also reside on the Brisque as an LW file.

This chapter first describes how to handle all types of Marks, and how to use the Marks library. Then, we describe how to create and use custom Generic Spot Color Marks. When adding Spot Colors to the Color Bar Mark using the Generic Spot Color Marks, there is no need to create a different set of Spot Color Marks for each particular Imposition Job.



Important: After a Mark(s) is created, the identical Mark(s) must be added to both the Preps and Brisque Marks libraries before it can be implemented into the Imposition workflow.
This process is not automated, and you must make sure that the identical Marks exists in both the Preps and Brisque Marks libraries.

Handling Marks and the Marks Library

You can add, modify and delete Marks in the Brisque and Preps Marks libraries from the Macintosh and Brisque.

Adding Marks to the Libraries from the Mac Automatically

Marks files are initially created in the EPS format. The Brisque provides a convenient method for automatically adding an EPS file to the Preps and Brisque libraries, from the Macintosh. When you add a Mark to the Brisque library, the EPS file is automatically RIPed before it is added to the Brisque Marks library.

To add EPS files to the Marks libraries:

1. Create the Mark in any graphics design application, and save it as an EPS file.

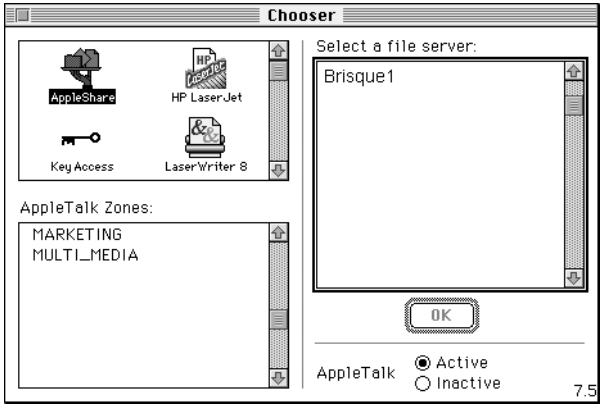
   Alternatively, obtain Marks files from another source (such as a printer) in the EPS format.

2. Add the Mark to the **Preps** Marks library. For instructions, refer to the Preps documentation.

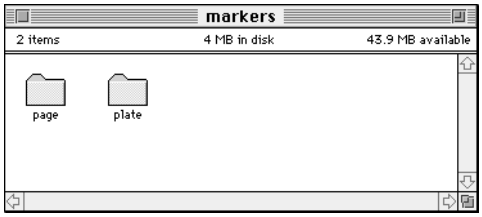
3. From the **Apple** menu of a Macintosh on the same network as your Brisque, select **Chooser.**

4. In the Chooser, select **AppleShare**, and then select the **Active** option.

5. If your network has multiple zones, select the zone where the Brisque is located; a list of file servers is displayed, including the Brisque



6. From the **Select a file server** list, select the appropriate Brisque and click **OK**; the Connect dialog box is displayed.
7. Select **Registered User**, in the **Name** box, type `macuser` and click **OK**.
8. Select the **markers** volume, and click **OK**; the markers volume is displayed on the Macintosh desktop.
9. Open the **markers** volume.



10. Move the EPS file(s) to the **plate** folder on the mounted Brisque **markers** volume.

    The Mark files are automatically RIPed, renamed (the eps base name is preserved), and added to the Brisque Marks library once any Brisque operation that accesses the Marks library (not necessarily requiring that particular Mark) is activated (such as **Preview** or **Translate)** or when opening the **Marks** folder itself.

Note: If the Marks files are in LW format, and do not need to be RIPed, you may also add them to the Brisque Marks library from the Macintosh by simply moving or copying them to the **plate** folder on the Brisque.

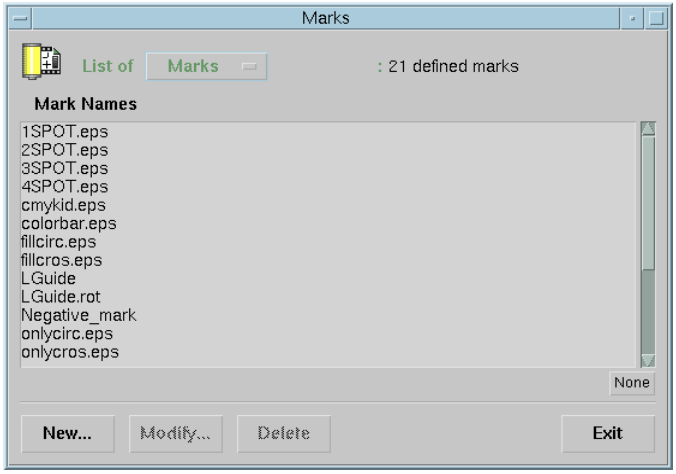
Note: If you are using more than one Brisque workstations, see *Marks2Libraries Utility on page 81*, for information about how to add a mark(s) to **all** Mark libraries automatically.

Adding Marks to the Library from the Brisque Manually

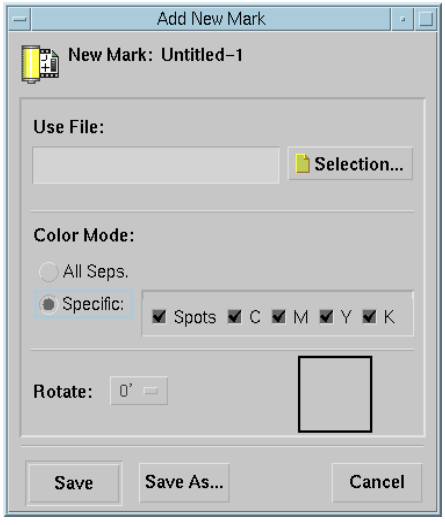
To manually add Marks to the library from the Brisque, they must already be in LW format. Otherwise, we suggest using the automated process by adding them from the Macintosh (see *Adding Marks to the Libraries from the Mac Automatically* on page 77).

To add LW files Marks library from the Brisque:

1. On the Brisque, from the Launch Pad, open the **Setup** panel, then double-click the **Marks** icon; the Marks window is displayed.



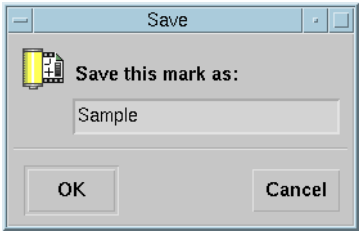
2. Click **New**; the Add New Mark dialog box is displayed.



3. Click **Selection**, then from the browser that appears, select the LW file.
4. Select an option in the **Color Mode** section:
   - **All Seps.** - If a Mark does not contain separation-specific data then you can duplicate it by exposing it to all the separations. Click **All Seps** to expose the Mark on every separation.

     Note: This option is not applicable for Marks such as a Color Bar or Grayscale, which are separation-specific.

   - **Specific** - If a Mark contains separation-specific data then you can indicate selected separation(s) to which to expose the Mark. Click **Specific**, then indicate the separations with the relevant check boxes.
5. If necessary, select a **Rotate** option. When a Mark needs to be rotated on the Layout, you can pre-rotate the Mark, and store it in the Marks library. Otherwise, the Mark will be rotated when the Imposition Job is output.
6. Click **Save**; the Save dialog box is displayed.



7. In the **Save this marker as** box, type a name for the Mark. (If the Mark already appears in Preps, make sure to enter **exactly** the same name.)
8. Click **OK**; the Mark is displayed at the end of the Marks list, and also in Preview, in the Marks Inventory list.

   If the Preview application is already open, the new Mark may not appear in the Marks Inventory list until you close the Preview application and open it again.

Note: To add a LW file to the Brisque Marks library from the Macintosh, drag it into the **plate** folder of the mounted Brisque **Markers** volume. (See *Adding Marks to the Libraries from the Mac Automatically on page 77*, for details.)

Marks2Libraries Utility

Marks2Libraries is a Macintosh-based utility that enables you to automatically add Marks to all the Mark libraries mounted on your Macintosh station. This is especially useful when working with multiple Brisque workstations, as you need to have the marks used in a specific Job, in **all** Mark libraries on all the stations.

Mark files are initially created in EPS format. The Macintosh-based Marks2Libraries utility provides a convenient method for automatically adding an EPS file to all Brisque Mark libraries, from the Macintosh. When you use this utility, the EPS file is automatically RIPed when you refresh the Brisque Mark libraries or when you activate any Brisque operation that accesses the Mark library(ies).

To automatically add a Mark(s) (EPS files) to all Marks Libraries:

1. Create the Mark in any graphics design application, and save it as an EPS file.

   Alternatively, obtain Marks files from another source (such as, a printer) in the EPS format.

2. Add the Mark to the **Preps Marks library**. For instructions, refer to the Preps documentation.

3. Mount all Brisque Mark libraries of the Brisque workstations you are using on the Macintosh workstation that contains the **Marks2Libraries** utility. For instructions, see *steps 3 to 8* on *page 77*.

4. On the Macintosh desktop, drag the EPS file(s) into the **Marks2Libraries** utility icon; the Mark files are automatically RIPed, renamed (the eps base name is preserved), and added to all Brisque Mark libraries once you refresh the Mark libraries or activate any Brisque operation that accesses the Mark library(ies).



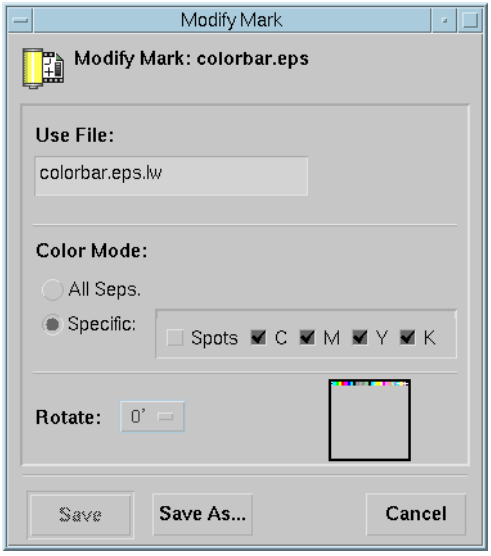
Note: If your Mark files are already in LW format, (do not need to be RIPed), you may also add them to the Brisque Marks library from the Macintosh by simply dragging them to the Marks2Libraries utility.

Modifying Marks

The Brisque Marks utility enables you to modify the **Name**, **Color Mode**, and **Rotate** parameters of a Mark. You cannot modify any of the predefined Creo Marks that are supplied with the Brisque. However, you can use the **modify** command to create a new Mark based on an existing one.

To modify a Mark:

1. From the list in the Marks window, select the Mark that you want to modify.
2. Click **Modify**; the Modify Mark dialog box is displayed.



3. Make the necessary modifications, then click **Save**; the changes to the Mark are saved. (If the selected Marker is from the default library, the Save option will not be available.)

To create a new Mark based on an existing one:

1. From the list in the Marks window, select the Mark on which you want to base a new one.
2. Click **Modify**; the Modify Mark dialog box is displayed.
3. Make the necessary modifications, then click **Save As**; the Save dialog box is displayed.
4. Type a name into the **Save this marker as** box, then click **OK**; the new file is displayed in both the Marks list, and the Marks Inventory list of the Preview application.

   If the Preview application is already open, the new Mark may not appear in the Marks Inventory list until you close the Preview application and open it again.

Deleting Marks

You can delete any non-default Mark from the list, including predefined Creo Marks.

To delete a Mark from the Marks list:

1. From the list in the Marks window, select the Mark that you want to delete.
2. Click **Delete**; the selected Mark is deleted from the Marks list and the Marks Inventory list.



Note: If you delete a Mark that has already been placed on a Layout, then when you go to output the Layout, a message is displayed indicating a missing Mark. If you continue the operation, the Layout is proofed or exposed without the indicated Mark. You can also abort the operation, then use the Preview application to replace the missing Mark before re-sending it to output.

Handling Mark Sets

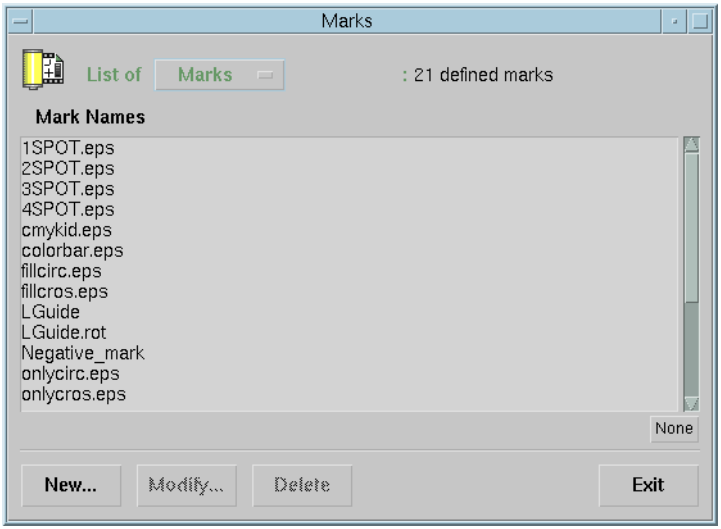
Instead of adding each Mark to a Layout separately, the Marks application enables you to place a Set of Marks on a Layout. You can create customized Sets of Marks and add them to the Marks library.

Creating Sets of Marks

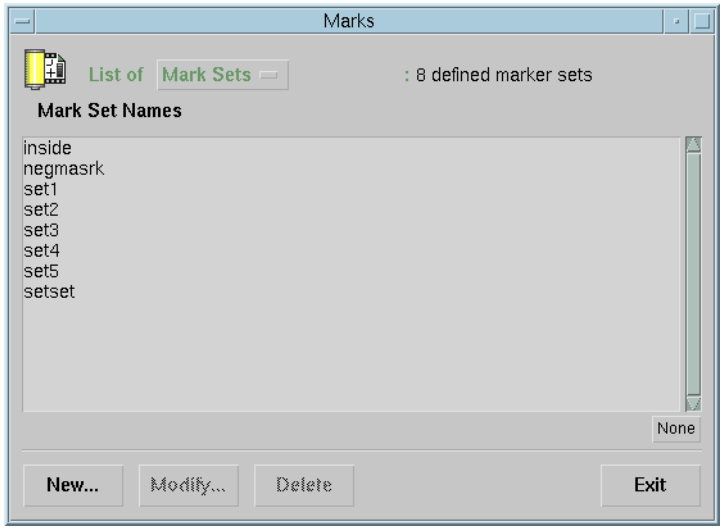
Customized Sets of Marks are created from the Marks that exist in the Marks library. You can create as many sets as needed and can place one or more Sets of Marks on a Layout.

To create a Set of Marks:

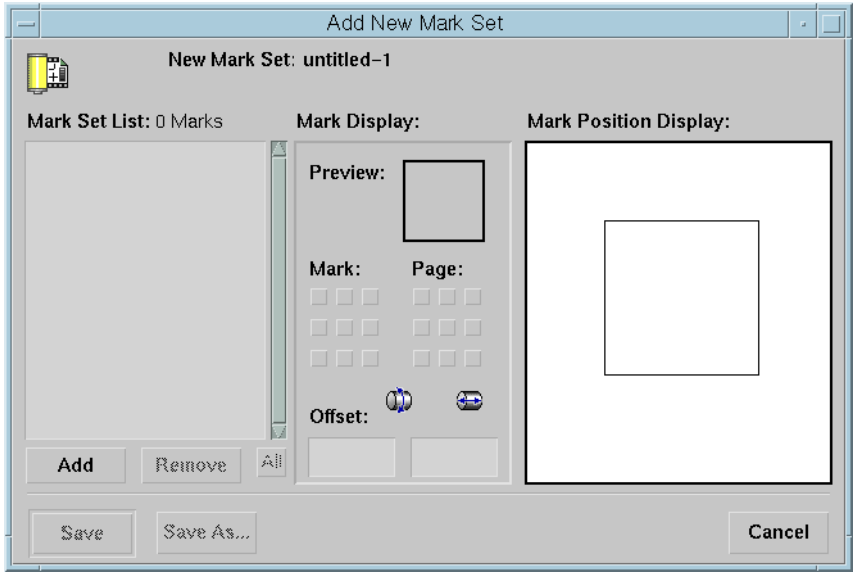
1. From the **Setup** panel, double-click the **Marks** icon; the Marks window is displayed.



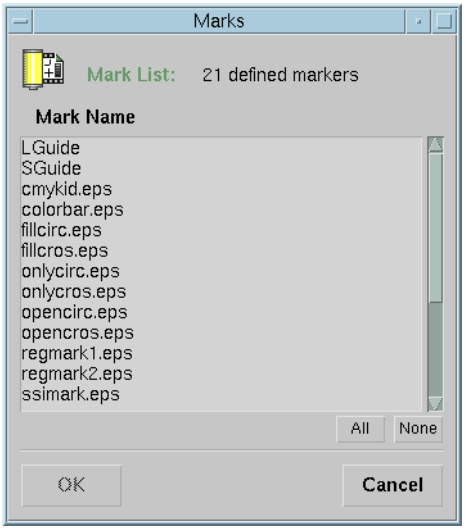
2. In the **List of** box, select **Mark Sets**; the **Mark Name** list displays the currently available Sets of Marks (if any).



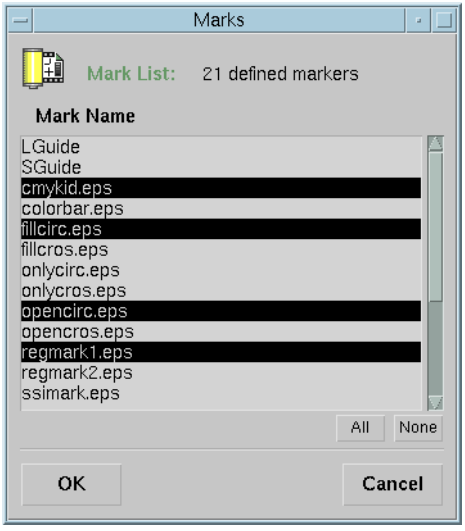
3. Click **New**; the Add New Mark Set dialog box is displayed.



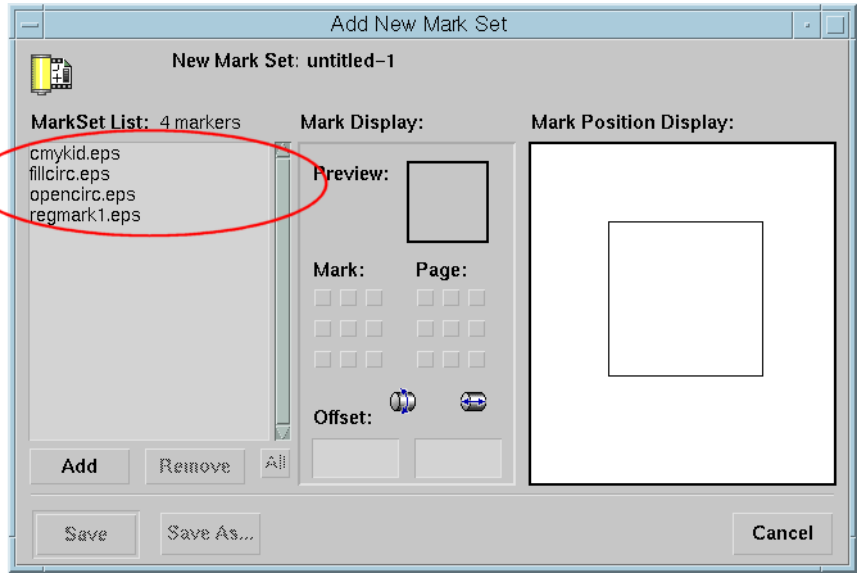
4. Click **Add**; the Marks window is displayed listing all of the available Marks in the library.



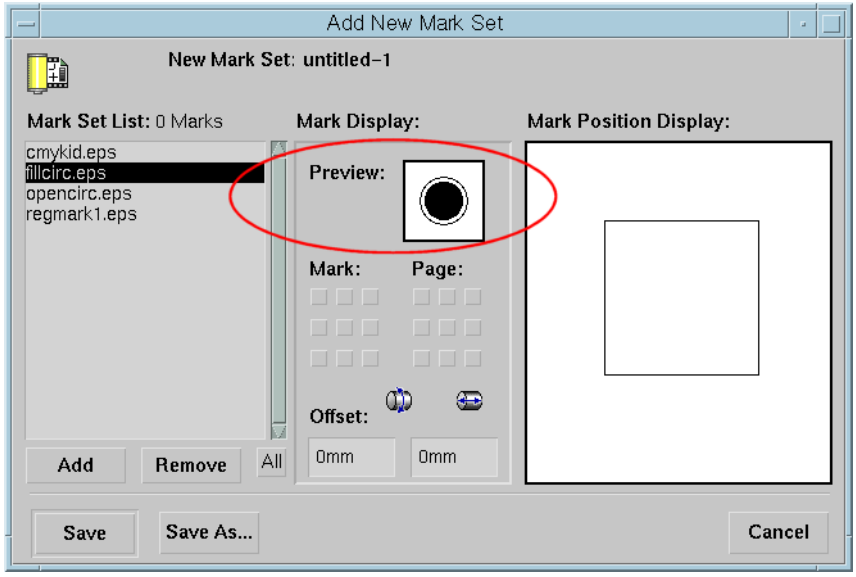
5. Select all the Marks you want to include in the new Set of Marks.



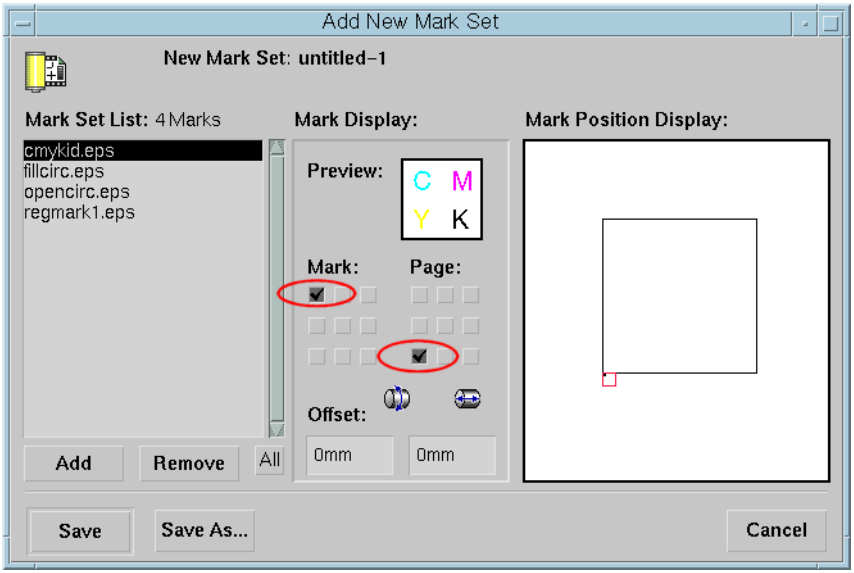
6. Click **OK**; the Add New Mark Set dialog box reappears listing the selected Marks in the Mark Set List column.



7. To preview a Mark, select it from the **Mark Set List** section; the **Preview** box in the **Mark Display** section displays the selected mark.

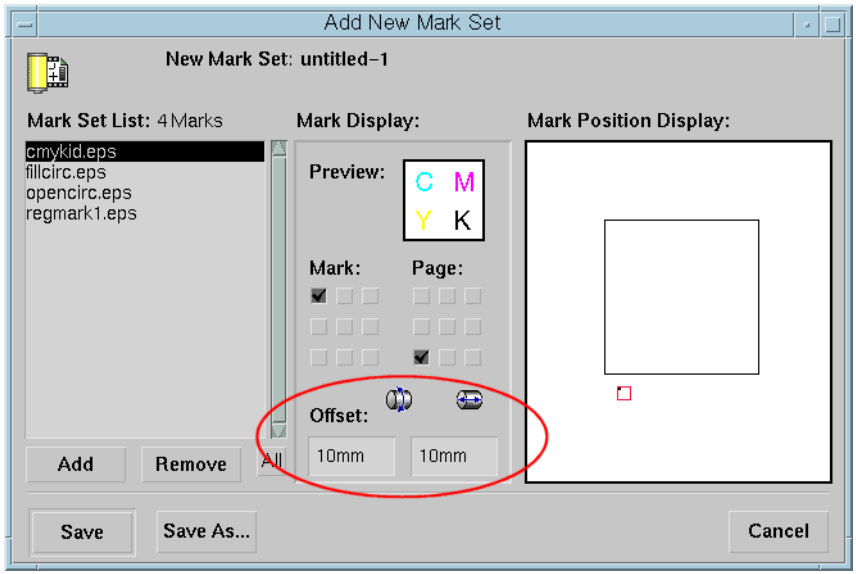


8. To set a Mark reference point relative to the Page, (for example, top left of mark with bottom left of Page), select the appropriate points in the **Mark** and **Page** sections; the **Mark Position Display** section shows the location of the Mark relative to the Page.



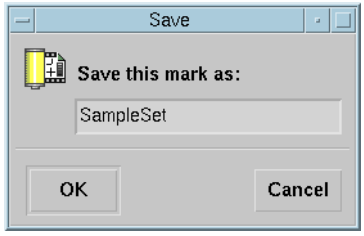
Note: You must perform step 8 in order to save the Mark Set.

9. To set offset values between Mark and Page, type in the offset values in the **Offset** section; the **Mark Position Display** section shows the location of the Mark relative to the Page according to the offset values.



10. Repeat steps 7 to 9 for each Mark you want to include in the set.

11. Click **Save As**; the Save dialog box is displayed.



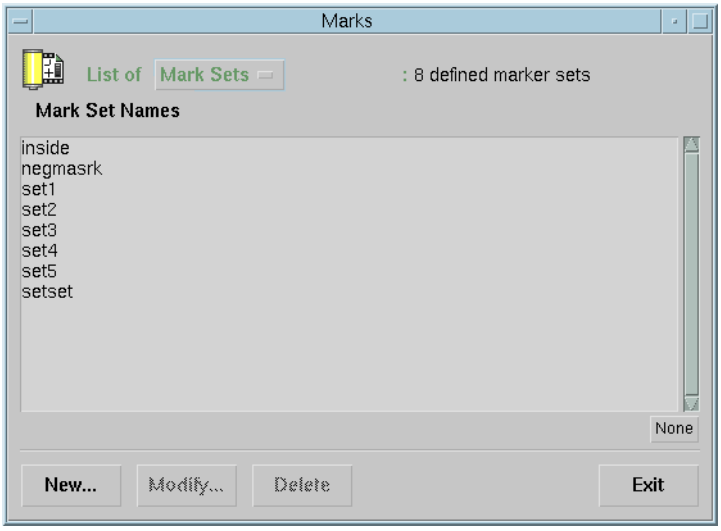
12. Type a name for the Set of Marks and click **OK**; the Set of Marks is added to the Marks library.

Modifying Sets of Marks

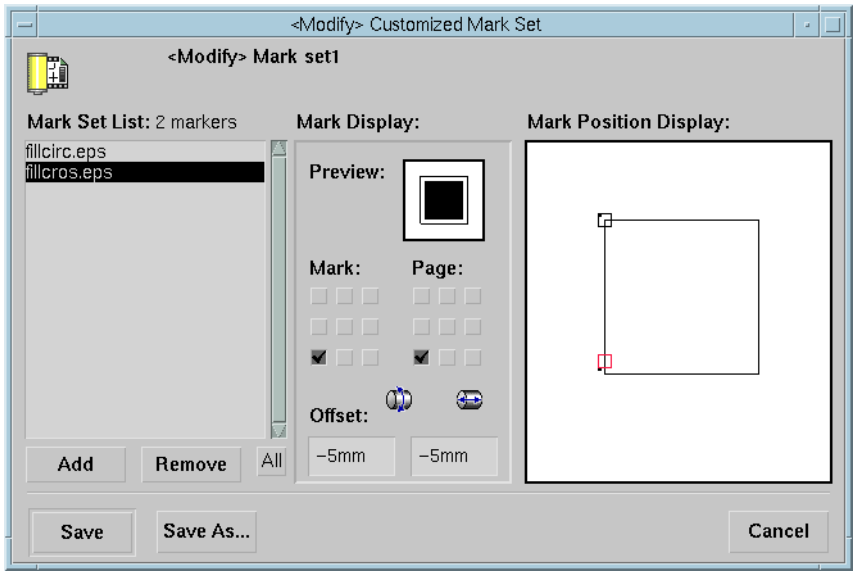
The Marks utility enables you to modify the Sets of Marks available in the Marks library.

To Modify a Set of Marks:

1. In the Marks window, select **Mark Sets** in the **List of** box.



2. From the **Mark Set List** section, select the Set of Marks you want to modify and click **Modify**; the <Modify> Customized Mark Set dialog box is displayed.



3. Make the necessary modifications, then click **Save**; the changes to the Set of Marks are saved.

Deleting Sets of Marks

You can delete any Set of Marks from the list.

To delete a Set of Marks from the Marks Set list:

1. From the list in the Marks window, select the Set of Marks that you want to delete.
2. Click **Delete**; the selected Set of Marks is deleted from the Marks list and the Marks Inventory list.

Note: If you delete a Set of Marks that has already been placed on a Layout, when you go to output the Layout, a message is displayed indicating missing Marks. If you continue the operation, the Layout is proofed or exposed without the indicated Marks. You can also abort the operation, then use the Preview application to replace the missing Marks before re-sending it to output.

Creating and Using Generic Spot Marks

When using the Generic Spot Marks you do not have to create a different set of Spot Marks for each particular Imposition Job, when adding Spot separations to a Mark.

You design and create a custom set of Generic Spot Marks based on your needs and that suit your specific working environment. For example, a Generic Spot Mark with one Spot separation, another with two Spot separations, and a third Mark with three Spot separations. These custom Marks are then stored in the Marks library and can be used repeatedly. We describe here how to create customized sets of Generic Spot Marks, and how to use them.



Note: The Spot Marks process involves working from the Macintosh and the Brisque.

Before using the custom Generic Spot Marks, follow these steps:

1. In any graphics design application, prepare a custom set of Generic Spot Marks (in the EPS format). See *Preparing a Generic Spot Mark: on page 93*.
2. From the Macintosh, add the Spot Marks to the Preps Marks library. See *Adding a Spot Mark to the Brisque Marks Library on page 95*.
3. From the Brisque or Macintosh, add the same Spot Marks to the Brisque Marks library. See *Adding a Spot Mark to the Brisque Marks Library on page 95*.
4. Once you have completed preparing a custom set of Generic Spot Marks, they can be implemented into the Imposition workflow. See *Using Generic Spot Marks on page 96*.

Preparing a Generic Spot Mark

In any graphics design application, create a new Mark that contains Spot Color separation(s) or modify a previously created Mark. You must save the Mark in the EPS format.

The Generic Spot Mark you create can also contain other types of separations, such as the standard CMYK color separations. However, the Generic Spot Mark must contain at least one Spot Color separation and may contain a maximum of 28 Spot Colors.

Preparing a Generic Spot Mark:

1. Create a new Mark that contains a number of Spot Colors separation(s), or modify an already existing Mark.
2. Within the Mark file, name the Spot Color(s) according to the SBI Spot Mark naming convention. When modifying a previously created Mark, you must rename the Spot Color separation(s) according to the SBI convention, as well.



See *The SBI Spot Mark Naming Convention on page 94*, for details and examples on naming the Spot Color separations.

3. Save the Generic Spot Mark in the **EPS** format.



Note: If you are directly modifying a LW Mark file, then apply the instructions as explained above, but save the Mark in the LW format. Do not forget to modify the EPS version of the updated Mark in the Preps Marks library.

The SBI Spot Mark Naming Convention

For each Generic Spot Mark you create, you must define the Spot Color separation(s) strictly according to the following rules:

- Each Spot Color separation must be given the **SBI** code name (must be in capital letters). **SBI** is the acronym for **Scitex Brisque Impose**.
- Follow the SBI code name with a sequential number. Numbering must begin at 1 and continue sequentially (up to 28) for each Spot Color in the Mark. Numbers 1 through 28 represent the range of Spot Color separations that the Brisque is able to handle (in addition to the four CMYK process colors).



Important: Do not skip numbers when designating more than one Spot Color in a single Spot Mark.

- The SBI(n) code name must not contain any other foreign characters or wording, other than the letters **SBI**, and a number following it.
- If you do not want to have the **Varnish** and **Base** colors treated as Spot Colors within a Generic Spot Mark containing SBI separations, the Varnish separation must have the **_Varnish** suffix and the Base separation must have the **_Base** suffix. The, these colors will not be inserted into the SBI patch.

Adding a Spot Mark to the Preps Library

➢ From the Preps application, add the Mark (in the EPS format) to the Preps Marks library. You can also add the Mark as a *Dup* Mark by adding it to the **Dup** folder and then restarting Preps.



Refer to the Preps documentation for detailed instructions.

Adding a Spot Mark to the Brisque Marks Library

➢ Copy the Spot Mark file to the Brisque Marks library.



For Instructions on copying Marks to the Brisque Marks library see *Adding Marks to the Libraries from the Mac Automatically on page 77* (for working from the Macintosh) or *page 78* (for working from the Brisque).

The color policy defined for Marks (on the Brisque) does not apply to these generic spot marks. The Brisque assumes that the data needed for all the Spot separations is defined in the Mark itself.



WARNING: Make sure that before the generic spot mark is implemented into the imposition workflow, the identical mark is present in both the Brisque and Preps marks libraries

Using Generic Spot Marks

Before using a Generic Spot Mark, you must determine how many Spot Color separations must be present in the Mark. The number of Spot Color separations does not have to be equal to the total number of Spot Color separations in the entire Job. Rather, the number of Spot Color separations that must be present in the Mark must be **equal** to (or **larger** than) the highest number of Spot Colors used in any **one** of the Layouts in the Imposition Job. If the Imposition Job has a single Layout then the number of Spot Colors must be equal to or larger than the total number of Spot Colors for the entire Job.

How the Imposition Job relates to the SBI separations contained within the Generic Spot Mark:

1. The **linkage** between the actual Spot Colors in the Imposition Job and the Spot Colors in the Generic Spot Mark is performed via the **reserved SBI code names.** The Brisque analyzes the color information contained in the Mark, and if the Mark contains the reserved SBI(n) code names, the data for the associated Spot separation is applied to each Spot Mark.
2. The reserved SBI(n) base code names contained in a Mark are automatically recognized by the Brisque and are linked to the Spot Color(s) contained in the Imposition Job **per Layout**.
3. The SBI separations are linked to the Spot Color (per Layout) according to the **alphabetical order** of the Spot Colors. Priority is given to numbers, upper case, and lower case, in this order. Therefore, the actual color for each Spot Mark may change for each Layout. See *An example demonstrating the use of Generic Spot marks in an Imposition Job: on page 97*, for clarification.
4. If a Layout contains fewer Spot Colors than the number of SBI separations present in the Generic Spot Mark, then the additional Spot patches will be printed as empty patches. See *An example demonstrating the use of Generic Spot marks in an Imposition Job: on page 97*, for clarification.

An example demonstrating the use of Generic Spot marks in an Imposition Job:

A Imposition Job with three layouts is created via Preps and sent to the Brisque to be translated.

The entire Imposition Job contains all four CMYK separations plus four additional Spot Colors (Orange, Red, Blue and Green).

Layout #1 and Layout #2 contain one Spot Color that is common to both of them (Orange).

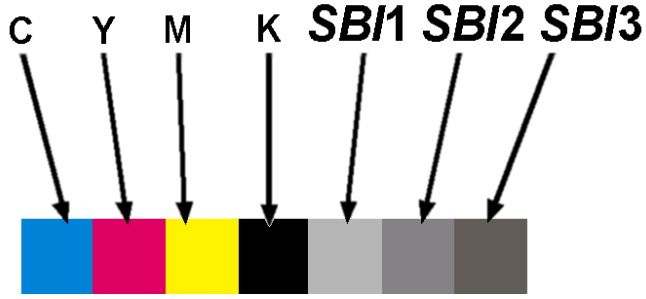
Layout #2 contains two other Spot Colors that are unique to that Layout (Blue and Green).

Layout #1 contains another Spot Color that is unique to that Layout (Red).

Layout #3 does not contain any Spot Colors.

Layout No.	Spot Colors in Layout
Layout 1	Orange, Red
Layout 2	Orange, Blue, Green
Layout 3	None

Since the highest number of Spot Colors in any Layout of the entire Imposition job is **three**, a Generic Spot Mark with **three Spot separations** was chosen. The Spot separations in this Mark were named according to the SBI naming convention as SBI1, SBI2 and SBI3. This Generic Spot Mark also included CMYK Color separations. The identical Generic Spot Mark is applied to all three Layouts.



For each Layout, the Imposition independently associates the three SBI separations in the supplied Generic Spot Mark to the three Spot Colors as follows (notice how the SBI naming convention operates according to the alphabetical hierarchy of the Spot Color, and how the SBI Mark files change color per Layout):

Layout	Spot Colors in Layout	Final Output
Layout 1	Orange, Red	*SBI*1 Mark data in Orange separation *SBI*2 Mark data in Red separation *SBI*3 Empty patch (no Spot Color for this Spot separation) 
Layout 2	Orange, Blue, Green	*SBI*1 Mark data in Blue separation *SBI*2 Mark data in Green separation *SBI*3 Mark data in Orange separation 
Layout 3	None	*SBI*1, SBI2 and *SBI*3 - Empty patches (no Spot Colors for these separations) 

Once you create this Generic Spot Mark (with or without the CMYK Color separations), it can be reused for any Imposition Job that has three or less Spot Colors in any one Layout. The SBI patches are automatically updated to match the existing Spot Colors (independently per Layout).

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Overview

Impo2Go is a powerful tool for remote soft-proofing and annotating an entire Imposition Job on any platform. Impo2Go enables you to export any Brisque Imposition Job to a low resolution (6 dpm) PDF file.

Each Layout in the Imposition Job is rendered as a separate page within the PDF file structure. If the Imposition Job has multiple Layouts, you can create a single PDF file (multi-page) or several single-page PDF files.

You also define whether the file should be lossy or lossless compressed, according to the intended purpose of the PDF. For example, when sending the Imposition Job to a remote customer for mark and layout positioning verification, you should use lossy grayscale compression, since color fidelity is not a requirement.

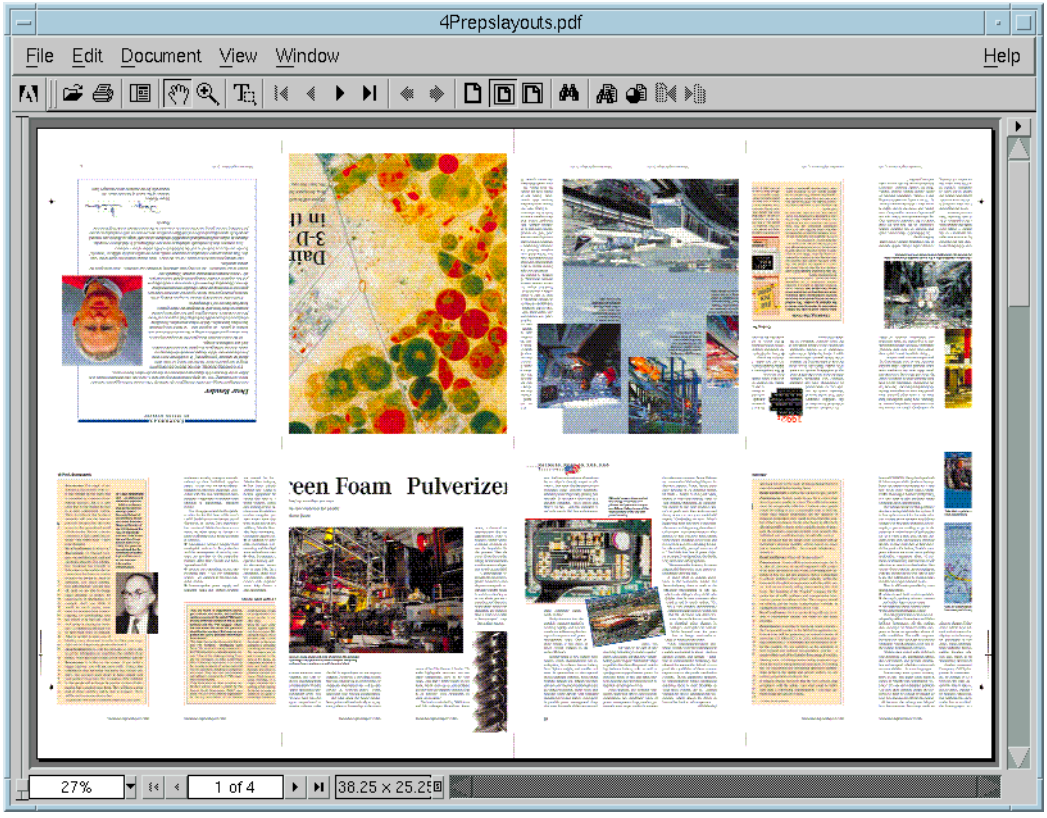


Note: Unlike PDF2Go, which can create high resolution exposable PDFs, the files created by Impo2Go are not intended for high resolution exposure to any media or for last minute editing prior to output.

Impo2Go output file properties:

- PDF 1.2
- CMYK or grayscale
- Low resolution - 6 dpm (150 dpi).

An example of an 8-up Imposition PDF generated by Impo2Go and viewed in Acrobat Reader on the Brisque is displayed below.



Activating Impo2Go on the Brisque

You can activate Impo2Go manually as a single-step operation, or automatically as part of a Brisque template.

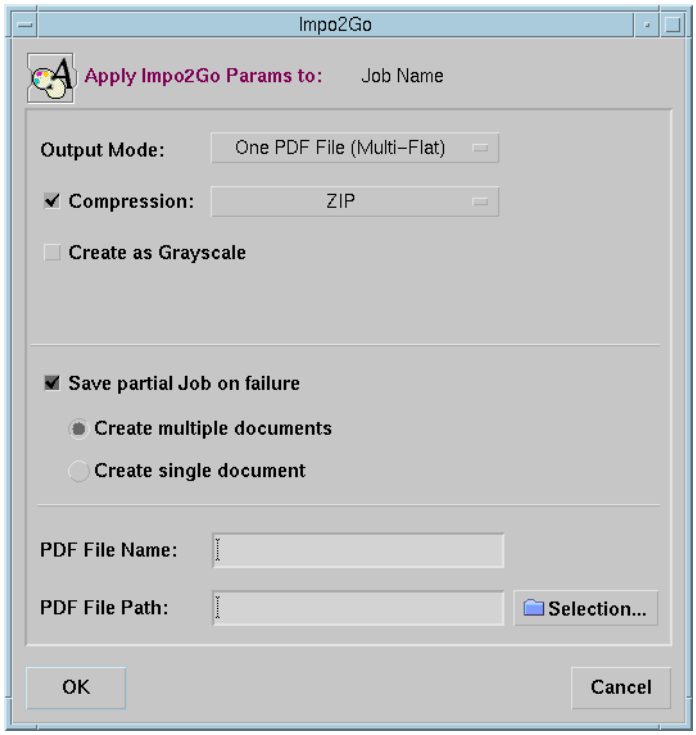
To activate Impo2Go on the Brisque:

1. From the Brisque Launch Pad, double-click the **Files** icon to open the Brisque file browser.
2. Point to the Imposition Job or Layout(s) you want to process, and do one of the following:
   - Right-click the Imposition Job or Layout, and select **Impo2Go** from the popup menu.
   - Drag the Imposition Job or Layout to the **Impo2Go** icon located in the **Output** panel on the Brisque Launch Pad.
   - Drag the Imposition Job or Layout to a Brisque template containing the **Impo2Go** operation.
3. From the Job Ticket Editor window that is displayed:
   - Click **Submit** to process the Imposition Job according to the default Impo2Go parameters.

     Or, double-click **Impo2Go** icon to modify its parameters before processing the Imposition Job; the Impo2Go window is displayed.

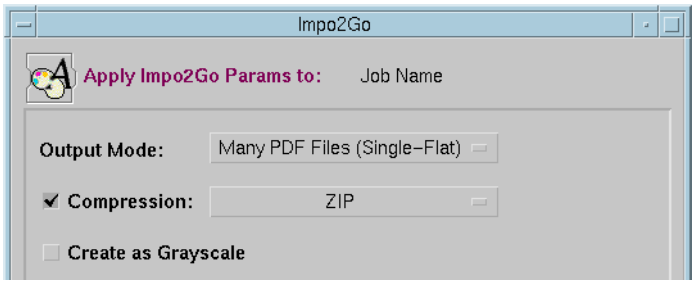
Defining the Impo2Go Parameters

You can customize the application parameters according to the intended purpose of the output PDF. For example, for remote content proofing - lossy compression, or for remote soft proof - no or lossless compression.



Output Mode

Impo2Go creates a single PDF page for each Layout in the Imposition Job. If the Imposition Job has multiple Layouts, you designate whether to create a single multi-page PDF file (that contains all of the Layouts) or several single-page PDF files (each containing a single Layout).



- To create a single PDF file (multi-page), from the **Output Mode** menu, select **One PDF File (Multi-Flat)**.
- To create several single-page PDF files, from the **Output Mode** menu, select **Many PDF Files (Single-Flat)** from the Output Mode menu.



Tip: An additional Queue Manager window can be opened for the Job to control each Layout separately

Compression

This option enables you to compress the output data or leave it untouched depending on the intended purpose of the Impo2Go PDF. If you decide to apply data compression, you may select between lossless or lossy compression. Lossy compression is often used when color quality and fidelity are not important (such as, when confirming layout impositioning). In any case, the PDF you create is a low resolution PDF (6 dpm) and is not intended for high-resolution exposure.



Note: The LW and CT data comprising the Imposition Job is converted to 100% rasterized CT data in the PDF file. Compression affects only the input CT data. You cannot compress LW data.

To compress CT data:

1. Select the **Compression** check box.
2. From the **Compression** menu, choose one of the following methods:
   - **ZIP** - a lossless 8-bit compression. No data is removed from the image, therefore image quality is not affected.
   - **LZW** - a lossless 8-bit compression. No data is removed from the image, therefore image quality is not affected.
   - **JPEG** - a lossy compression that removes image data, therefore image quality is compromised. Five levels of compression are available:
     - **JPEG High** - highest compression/minimum quality
     - **JPEG Med. High** - medium high compression/medium low quality
     - **JPEG Med.** - average compression/medium quality
     - **JPEG Med. Low** - medium low compression/medium high quality
     - **JPEG Low** - lowest compression/maximum quality

➢ To prevent compression, clear the **Compression** box.

Create as Grayscale

If you are using Impo2Go to create an Imposition PDF for remote content proofing (such as mark and layout verification), color is not important and you can use this option to create a grayscale PDF.

Grayscaling reduces the size of PDF files. Grayscale images are up to 75% smaller than corresponding CMYK images.

➢ To create a grayscale PDF, select the **Create as Grayscale** check box.

➢ To create a CMYK file, clear the check box.

Failure Policy

If the PDF creation process fails midway, the failure policy enables you to save a partial PDF that contains only the layouts which have already been processed.

If you resubmit a previously failed layout, the new PDF page(s) are embedded in the PDF document in the correct position according to the layout of the Brisque Imposition Job.



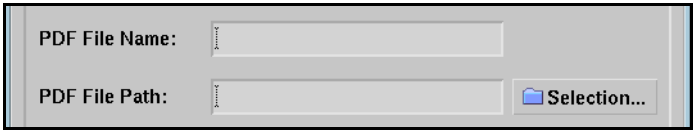
To save a partial Impo2Go Job upon failure:

1. Select the **Save partial Job on failure** check box.
2. Select one of the following options:
   - **Create multiple documents** - a single page PDF is created for each successful Layout.
   - **Create single document** - compiles the complete Layouts into single multi-page PDF file. Incomplete Layouts are removed from the PDF.

➢ If you do not want a partial PDF to be created, clear the **Save partial Job on failure** check box. All temporary files created until the failure are deleted.

Destination PDF File Name and Path

The **PDF File Name** and **PDF File Path** options enable you to customize the name and destination path of the output PDF.



Default Settings

- If you do not type a file name, the output PDF file receives the name of the Imposition Job being processed and the **.job** file extension is removed.
- If no file path is selected, the PDF is saved to the parent folder of the Imposition Job being processed.

- In the **PDF File Name** box, type the output name of the PDF. The Brisque automatically adds the **.pdf** extension to the file name.
- Click the **Selection** button located next to the **PDF File Path** box. From the file browser that is displayed, select the destination folder.