Kodak Graphic Communications Canada Company
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: 1.604.451.2700
Fax: 1.604.437.9891

Request support: http://graphics.kodak.com
ecentral.creo.com

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Technical bulletin

Reducing the Need for Rotation Before Plate Expose

This document describes how to improve your Brisque® 4.x and 5.x performance by reducing the need for rotation and thus shortening the Plate Expose process.

Note: The procedure described in this document was tested on Lotem® platesetters. It might not apply to other platesetters and output devices because of differences in the orientation method of the specific device.

This procedure is applicable in cases where Pages in a Brisque Imposition Job, which were not rotated during RIP to align with the orientation of the platesetter device, are rotated during Plate Expose. This causes two problems:

- Rotation during exposure increases the total processing time. Processing time is an important factor especially during re-expose.
- Rotated files require a considerable amount of disk space.

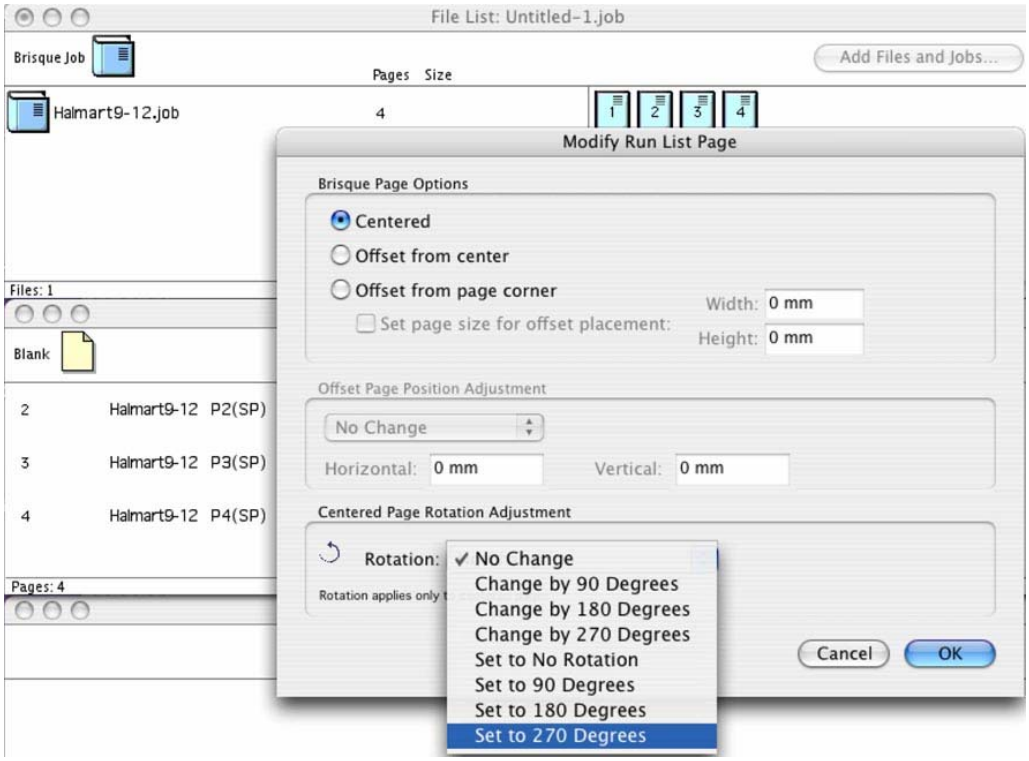
This document describes how you can avoid the need for rotation *before* the Plate Expose process.

Two variations of this procedure are described—one for 8-up jobs and one for 4-up jobs.

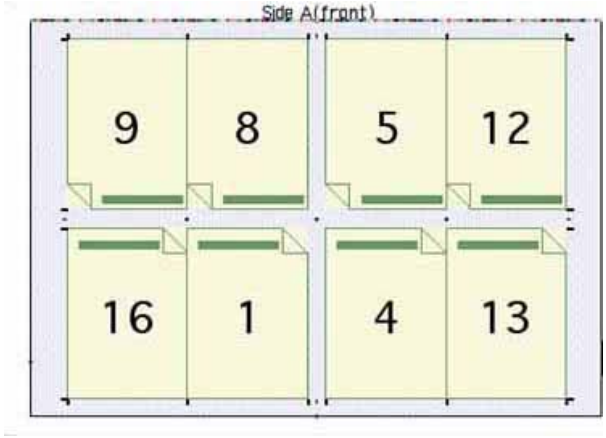
8-up Jobs (tested on a Lotem 800 Quantum platesetter):

To avoid rotation during plate expose, perform the following steps:

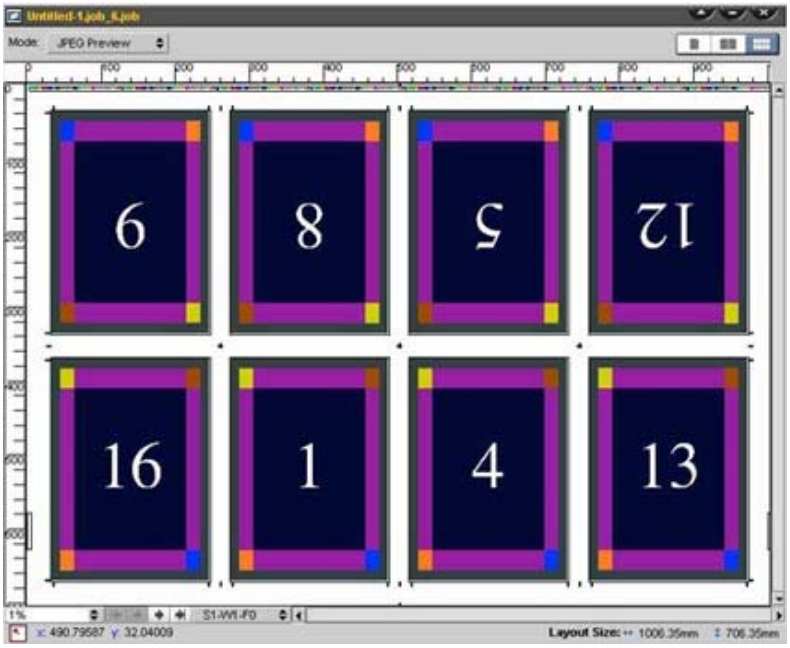
1. During the RIP process, rotate 90° the Pages that will be contained in the Imposition Job.
2. In the Runlist of the Preps® software, select all pages and double-click one of the pages.
3. In the Modify Run List Page dialog box, in the **Rotation** list, select **Set to 270 Degrees**.



The following figure shows the 8-up Preps template after performing the above steps:



The following image is an 8-up Imposition Job in the Brisque Preview window after the **Translate ICF** process:



4. In the PlateExpose dialog box, select the **Layout** tab, and in the Rotate area, select **None**.

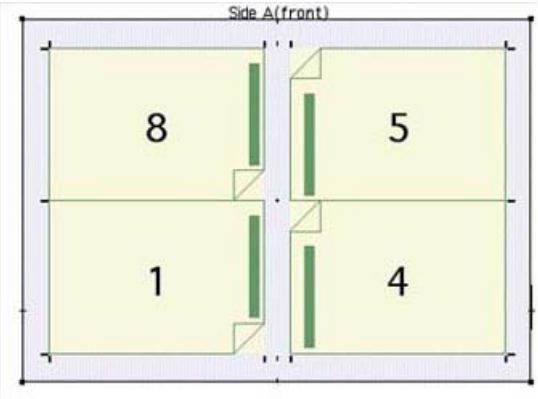
The Plate Expose process will be performed without rotation.

Notes:

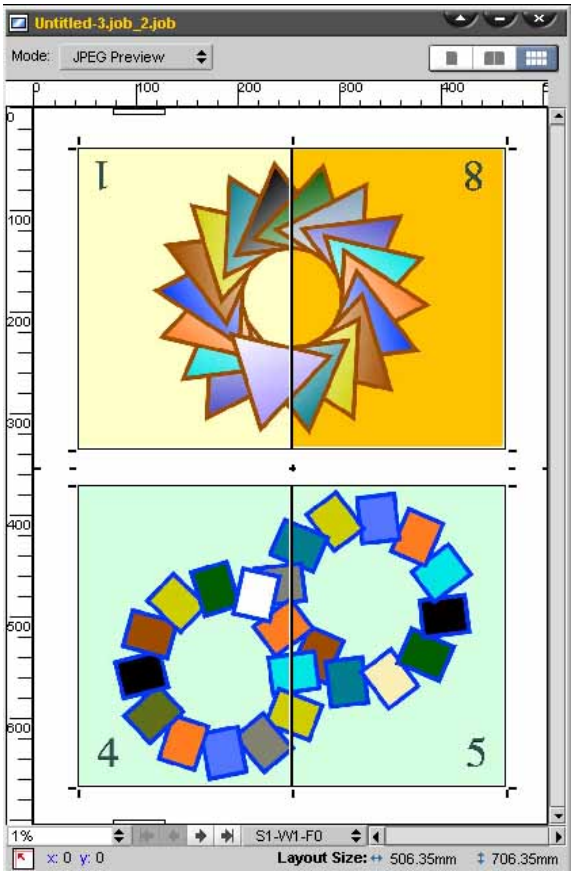
- The Preps Reader Spread Workflow *does not* support this workflow.
- If you need to replace pages in the Layout, you will need to rotate the pages 90° during the RIP process.

4-up Jobs (tested with Screen2Go simulating a Lotem 400 platesetter):

With 4-up Jobs, there is no need to rotate pages during RIP because the head of the pages is up, and there is also no need to rotate the Runlist (compared to 8-up Jobs). The 4-up Preps template is shown below.



1. Before printing the ICF: in Preps, select a device page size that rotates the Layout 270°. For example, select a **Dolev800** page size. The following image is a 4-up Imposition Job in the Brisque Preview window after the **Translate ICF** process.



2. In the PlateExpose dialog box, select the **Layout** tab, and in the Rotate area, select **None**.

The Plate Expose process will be performed without rotation.

Notes:

- The Preps Reader Spread Workflow supports this workflow.
- If you need to replace pages in the Layout, *do not* rotate the pages 90° during the RIP process.

About Kodak Graphic Communications Group (GCG)

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