User Guide

Brisque Pack PCF Workflow

version **5.1**

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D478,608	5,420,702	5,699,740	6,016,752	6,191,882	6,407,849	6,587,211
4,558,302	5,420,722	5,708,736	6,043,865	6,204,874	6,409,331	6,589,710
4,743,091	5,459,505	5,713,287	6,060,208	6,205,364	6,414,755	6,590,635
4,992,864	5,473,733	5,742,743	6,063,528	6,208,369	6,422,801	6,593,064
5,049,901	5,481,379	5,764,374	6,063,546	6,214,276	6,425,565	6,601,888
5,113,249	5,488,906	5,771,794	6,072,518	6,217,965	6,430,136	6,605,407
5,132,723	5,508,828	5,785,309	6,090,529	6,252,241	6,435,091	6,609,459
5,155,782	5,509,561	5,802,034	6,093,447	6,252,522	6,441,914	6,611,363
5,157,516	5,517,359	5,813,346	6,096,461	6,255,033	6,443,571	6,618,187
5,177,724	5,519,852	5,818,498	6,098,544	6,260,482	6,450,092	6,628,435
5,208,818	5,576,754	5,854,883	6,107,011	6,266,080	6,456,396	6,632,584
5,208,888	5,579,115	5,861,904	6,112,663	6,266,134	6,471,335	6,637,329
5,247,174	5,583,551	5,861,992	6,115,056	6,267,054	6,476,342	6,637,860
5,249,067	5,592,309	5,875,288	6,116,160	6,268,948	6,476,931	6,640,713
5,283,140	5,594,556	5,894,342	6,121,996	6,270,204	6,477,955	6,641,772
5,291,273	5,600,448	5,900,981	6,130,702	6,283,589	6,493,064	6,641,978
5,305,091	5,608,822	5,934,196	6,134,393	6,295,076	6,494,965	6,646,669
5,323,248	5,615,282	5,946,426	6,136,509	6,299,572	6,503,691	6,648,468
5,325,217	5,625,397	5,947,028	6,137,580	6,318,266	6,509,903	6,652,088
5,339,176	5,625,766	5,958,647	6,147,789	6,328,408	6,511,163	6,654,147
5,343,059	5,636,330	5,966,504	6,158,345	6,336,708	6,520,084	6,660,997
5,355,446	5,649,220	5,969,872	6,159,659	6,340,817	6,530,317	6,661,561
5,359,451	5,650,076	5,973,801	6,164,637	6,352,816	6,541,181	6,665,048
5,359,458	5,652,804	5,986,819	6,165,658	6,353,216	6,544,336	6,665,121
5,367,360	5,680,129	5,995,475	6,180,325	6,366,339	6,545,772	6,670,986
5,384,648	5,691,823	5,996,499	6,181,362	6,371,026	6,550,388	6,684,783
5,384,899	5,691,828	5,998,067	6,181,439	6,377,739	6,564,018	6,704,123
5,412,491	5,696,393	6,003,442	6,186,068	6,387,597	6,567,713	

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Introduction

PCF (Packaging Control File) is a Creo file format recognized by the Brisque Pack station and similar to the ICF format used for imposition publishing from Preps. The PCF format provides an efficient way of transferring instructions for packaging layouts to Brisque. The PCF can contain PostScript data describing the single element or a link to the RIPed high-resolution data on the Brisque station. The PCF also includes instructions for positioning the repeated elements and additional PostScript data that describes plate marks and other components of the packaging layout such as the die line plan and folding marks.

Several step-and-repeat applications dedicated to packaging, such as Creo StepOne and ArtWork Systems PowerStepper, can create a PCF file, supported by the Brisque Pack station.

When a PCF is printed to the Brisque Pack station, Brisque RIPs the PCF and creates a Brisque Packaging (PKG) Job. The Brisque Packaging Job contains a mask that describes the layout. For each repetition of the single element, the Brisque Packaging Job retains a link to the RIPed high-resolution files. The Brisque Packaging Job can be soft proofed (Preview) and sent to any output device that is supported by Brisque, including proofers, imposition proofers, imagesetters and platesetters.

Note: The PCF workflow is password protected and requires a separate license obtainable from your local service representative.

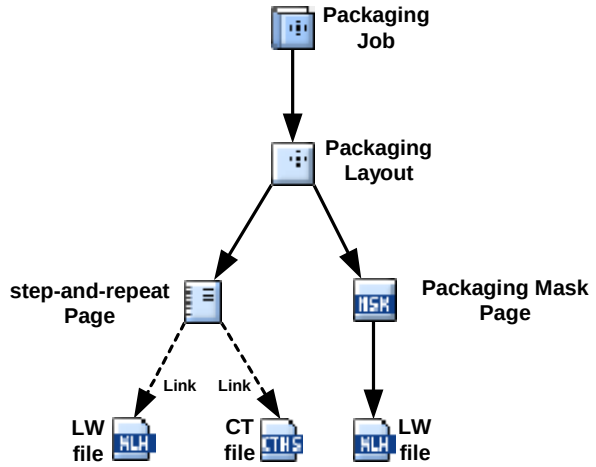
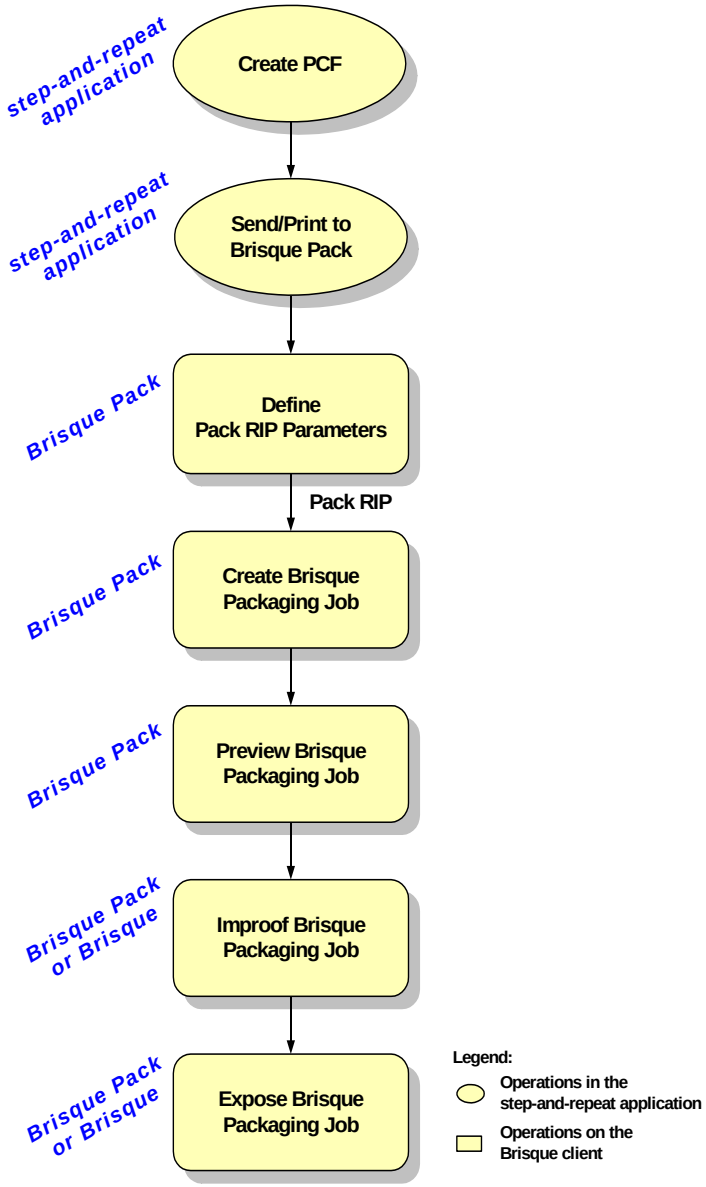


Figure 1: The structure of a Packaging (PKG) Job

The following diagram illustrates a PCF workflow.



The PCF Workflow

Creating a Brisque Packaging Job



After you create your PCF from any packaging step-and-repeat application that can generate a PCF, the PCF must be sent to the Brisque Pack station and converted to a Brisque Packaging Job (**PKG** format) using the **Pack RIP** operation on the Brisque Pack station. The Brisque Packaging Job can be handled by most Brisque applications, including exposure on numerous materials by various supported output devices.



The Pack RIP icon and the PCF icon

To activate the Pack RIP operation, perform one of the following actions:

- Drag the PCF to a Brisque Pack template that contains the Pack RIP operation.
- Drag the PCF to the **Pack RIP** icon (located in the **Operations** tab of the Workflow palette).
- Right-click the PCF and select **Pack RIP** from the popup menu.
- Send/print the PCF from the step-and-repeat application to a Brisque hot folder.

The PCF may contain PostScript data describing the single element or a link to the RIPed high-resolution data in Brisque.

If the single design units (image data) have already been RIPed, Brisque does not need to re-RIP the units to create the packaging layout.

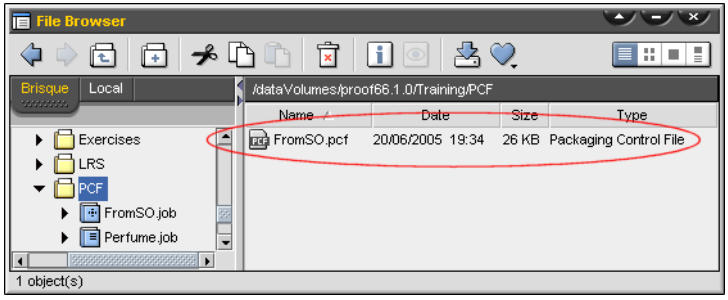
If the PCF contains the PostScript image data, then the Pack RIP operation RIPs the image data, as well as other PostScript data in the file.

To create a Brisque Packaging Job on the Brisque Pack station (via a template):

1. From the Workflow palette, click the **Templates** tab.
2. Locate a Brisque template that contains the **Pack RIP** operation as one of its steps. See the Brisque version 5.1 online help for instructions on creating such a template.

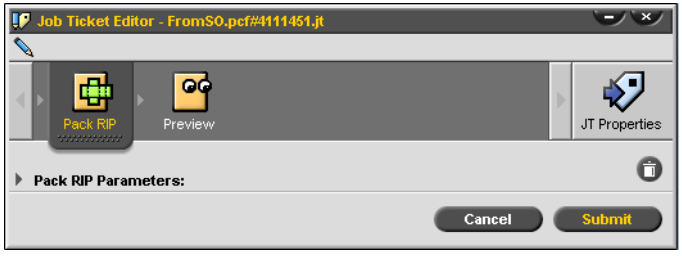
   Note: A template containing the Pack RIP operation can be created on any Brisque station (not only on a Brisque Pack station).

   Do not open the template; just keep the **Templates** tab open on the Brisque desktop.
3. From the Brisque Pack station's File Browser, locate the PCF you want to use. In this example, we use **FromSO.pcf**.



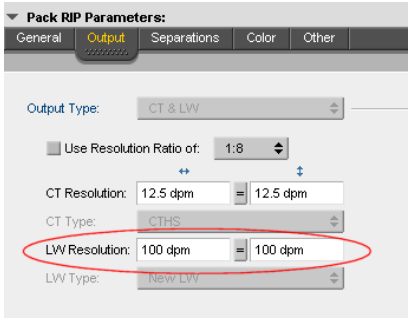
4. Drag the PCF from the File Browser to the Brisque template in the **Templates** tab. In our example, the template contains the **Pack RIP** and **Preview** operations.

   The Job Ticket Editor window is displayed.



5. In the Job Ticket Editor window, double-click the **Pack RIP** icon to view and verify the parameters:

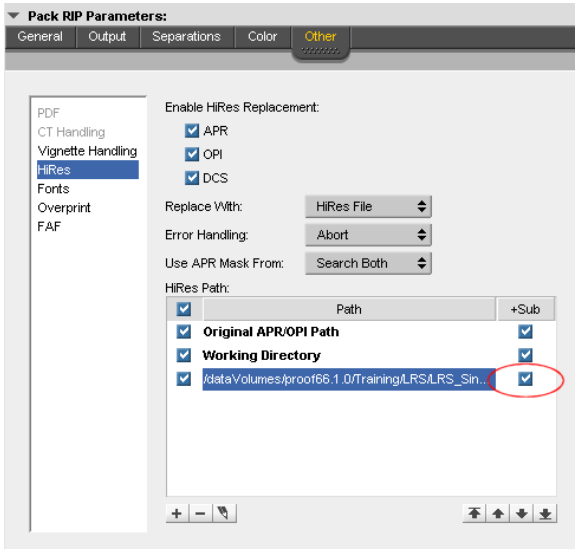
   a. If the image data of the single element(s) has already been RIPed, make sure the **LW Resolution** boxes on the **Output** tab match the **LW Resolution** parameters of the Brisque Job containing the RIPed single elements.



   b. If the PCF does not contain the single element(s), the high-resolution path should be set to the folder containing the Brisque Job with the RIPed single elements.

      To do so, in the **Other** tab>**HiRes**, click +, navigate to the location of the high-resolution files (RIPed elements) and click **Choose**.

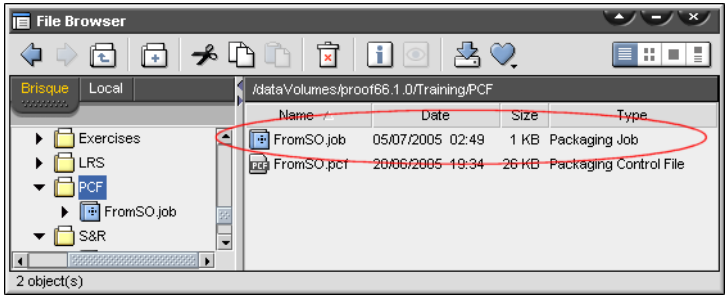
      In the **HiRes Path** table, select the **+Sub** check box of the path you defined in this step.



c. On the **Separations** tab, in the **Spot Handling** box, select either **Specific** or **All to Spot**.

For information about other parameters, see the RIP book in the Brisque version 5.1 online help.

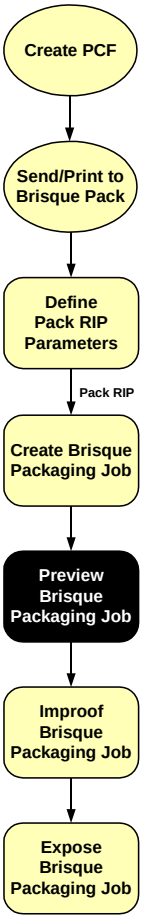
6. In the Job Ticket Editor window, click **Submit**. Brisque processes the PCF according to the set Pack RIP parameters and converts the PCF to a Brisque Packaging Job.



Note: The new Job receives a **PKG** icon identifying it as a Brisque Packaging Job. This file can then be handled by most Brisque applications, such as **Preview**, **Improof**, **Expose**, **Plate Expose** and **Flexo**.

See the following section, *Previewing the Brisque Packaging Job on page 12* for information about previewing the Brisque Packaging Job.

Previewing the Brisque Packaging Job



In the previous sections, you created a PCF and converted it to the Brisque Packaging Job format. To view the layout of the Brisque Packaging Job, use the **Preview** operation in Brisque. The Preview operation can also be used to replace elements on the layout.

To view the layout of a Brisque Packaging Job:

If you chose the Brisque template option in the previous section, *Creating a Brisque Packaging Job*, a preview of the Packaging Job should already be displayed on the screen (since **Preview** operation option is contained in the template after the **Pack RIP** operation).

➢ Alternatively, locate the Brisque Packaging Job using the Brisque File Browser, and drag it to the **Preview** icon in the Workflow palette.

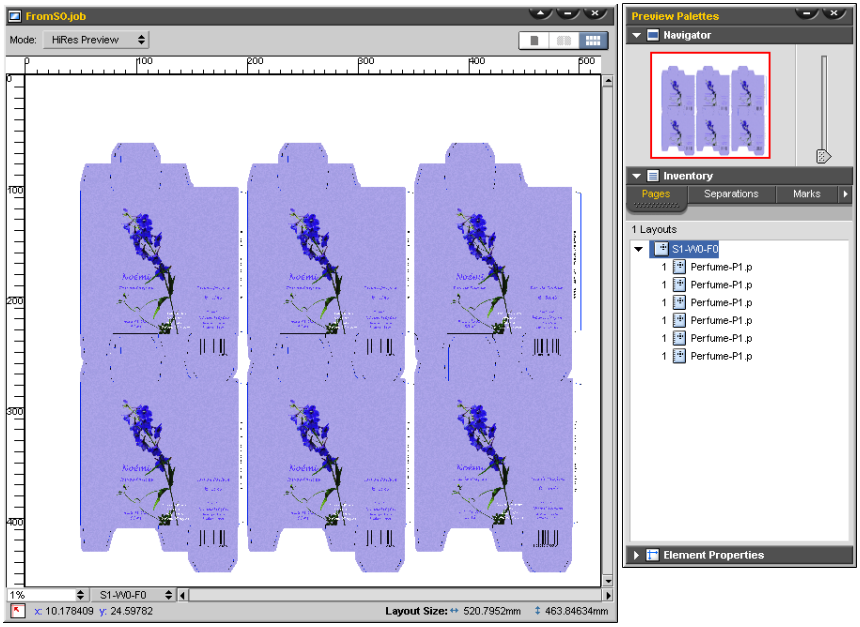


Figure 2: Packaging Layout Preview - HiRes Preview display mode

For information on using Preview in Brisque station, refer to the Brisque version 5.1 online help.

The separation list of a Brisque Packaging Job may include additional separations such as die line, background color and various marks that are not part of the elements. These separations are listed in bold and italic in the **Separations** list of the Inventory palette.

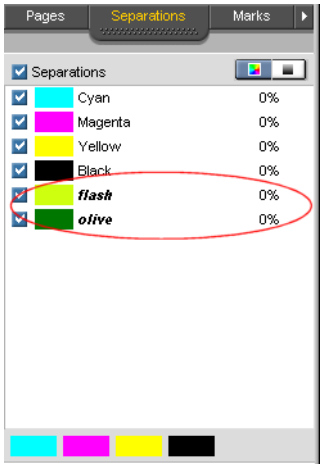
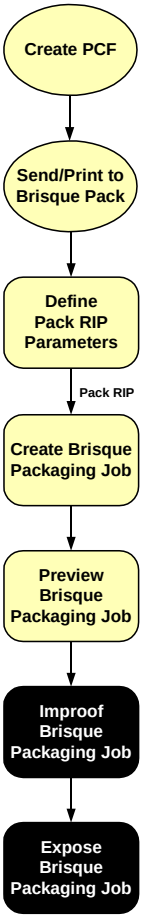


Figure 3: Background separation (marked in bold italics)

Proofing and Exposing the Packaging Job



The Brisque Packaging Job format is fully supported by all Brisque output operations. Use Brisque **Improof** for the customer's approval of the alignment and placement of the packaging layout. If the elements are not aligned correctly with the die line, then you may have to recreate the PCF.

Note: If you want to proof the layout without the packaging separations (such as die line, background colors, marks or any other separation that does not include the original image), on the **Separations** tab, select the **Ignore Packaging Separations** check box. This check box is cleared by default.

Since the same RIPed data is used for all operations (such as **Proof** for proofing the single element(s), **Improof** for an imposition proof of the layout and **Plate Expose** for exposing the layout), you prevent potential problems that may arise from multiple RIPs.

Once the job is approved and ready for final output, send it for exposure to any supported output device. Use **Plate Expose**, **Expose** (for film) or **Flexo** according to the desired output media.

Note: If you want to expose the layout with the packaging separations (such as die line, background colors, marks or any other separation that does not include the original image), on the **Separations** tab, clear the **Ignore Packaging Separations** check box. This check box is selected by default.

If you want to proof the layout without the packaging separations (such as die line, background colors, marks or any other separation that does not include the original image), on the Separations tab, select the Ignore Packaging Separations check box. This check box is cleared by default.