Working with Bleed

Bleed is image data outside the finished product which will be trimmed off after printing. It accommodates for deficiencies in printing and finishing to avoid white edges on the finished product.

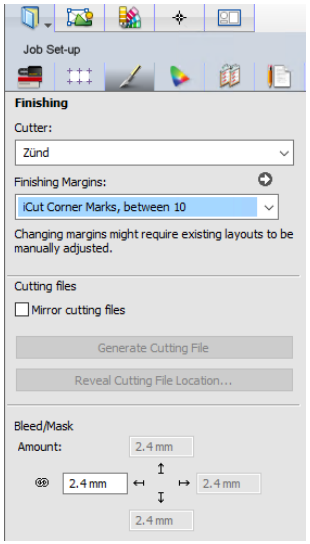
This tutorial describes how bleed is managed in Asanti:

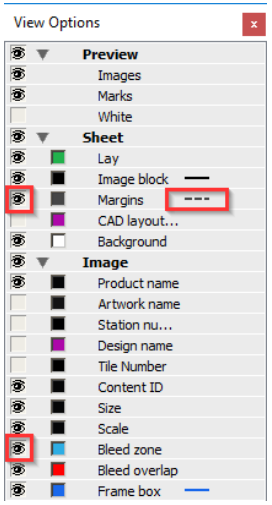
1. Documents and files that include bleed.
2. Documents and files that do not include bleed and where bleed is required.
3. Apply different bleed settings within 1 Asanti job.

Download the Asanti Sample Files via the Asanti Client (Help> Asanti Online> Download Sample Files).

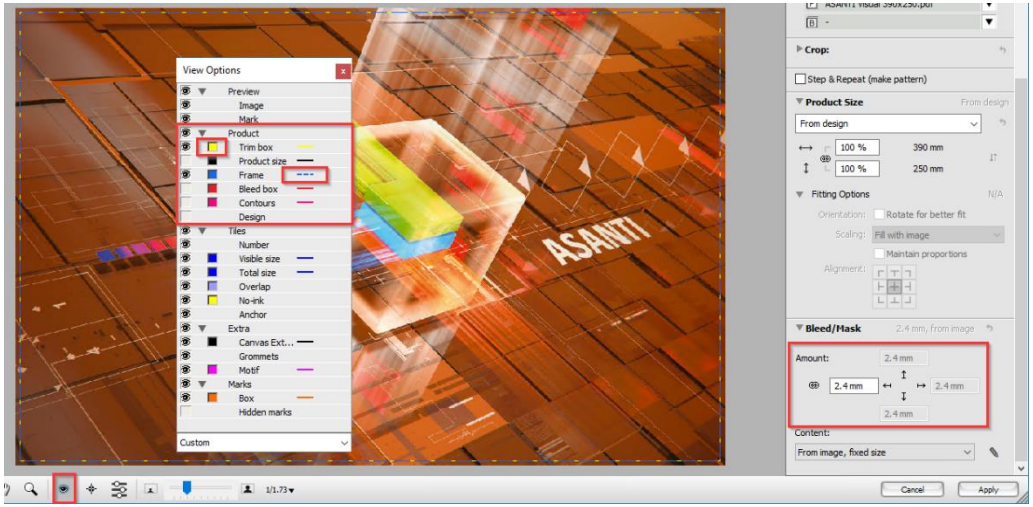
1. Detecting bleed in a File

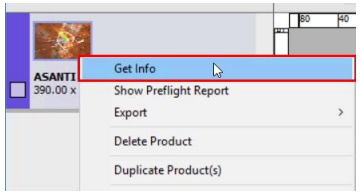
1. File > New Wide Format Job.
2. Select a printer, select a media and set size 650x500 mm.
3. Select the Finishing Inspector. Select a Zünd cutter, select Finishing Margins “iCut Corner Marks, between 10”. Set the default job’s bleed to 2.4 mm.
4. Open the view options enable Margins and Bleed zone.
5. Click the line after the Margins to change it’s appearance (full line/dashed line/dotted line).
6. Close the View Options.
7. Add the “Asanti Visual 390x250” pdf file from the SampleFiles.
8. Double-click the file to open it in the Product Editor.



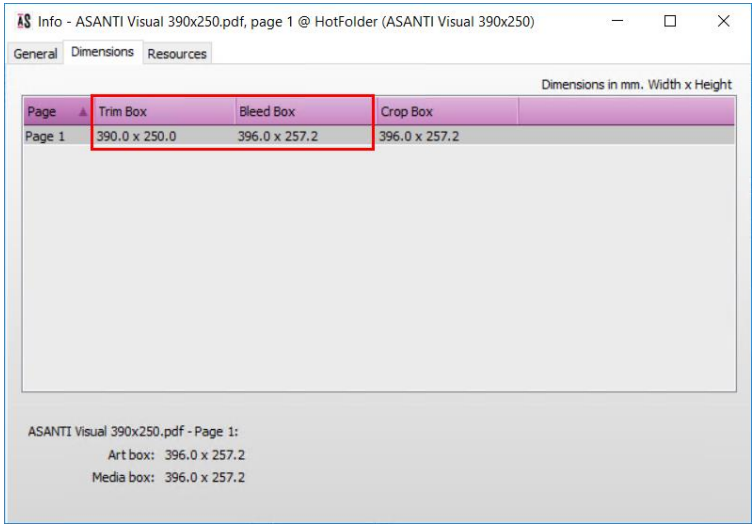


9. The Bleed settings in the Product Inspector are picked up from the default job's bleed settings.
10. Open the View Options and enable only the Trim Box and Frame in the Product group, deselect the other View Options in the Product group.
11. Adjust the color scheme for Trim Box to yellow by clicking the colored square.
12. Change the line type of the Frame to a dashed line by clicking on it.
13. Zoom in to one of the corners.
    - The Trim Box is indicated with a yellow line and indicates that our file already has some bleed.
14. Close the View options and the Product Editor.
15. Context-click the file in the Products pane and select "Get Info".



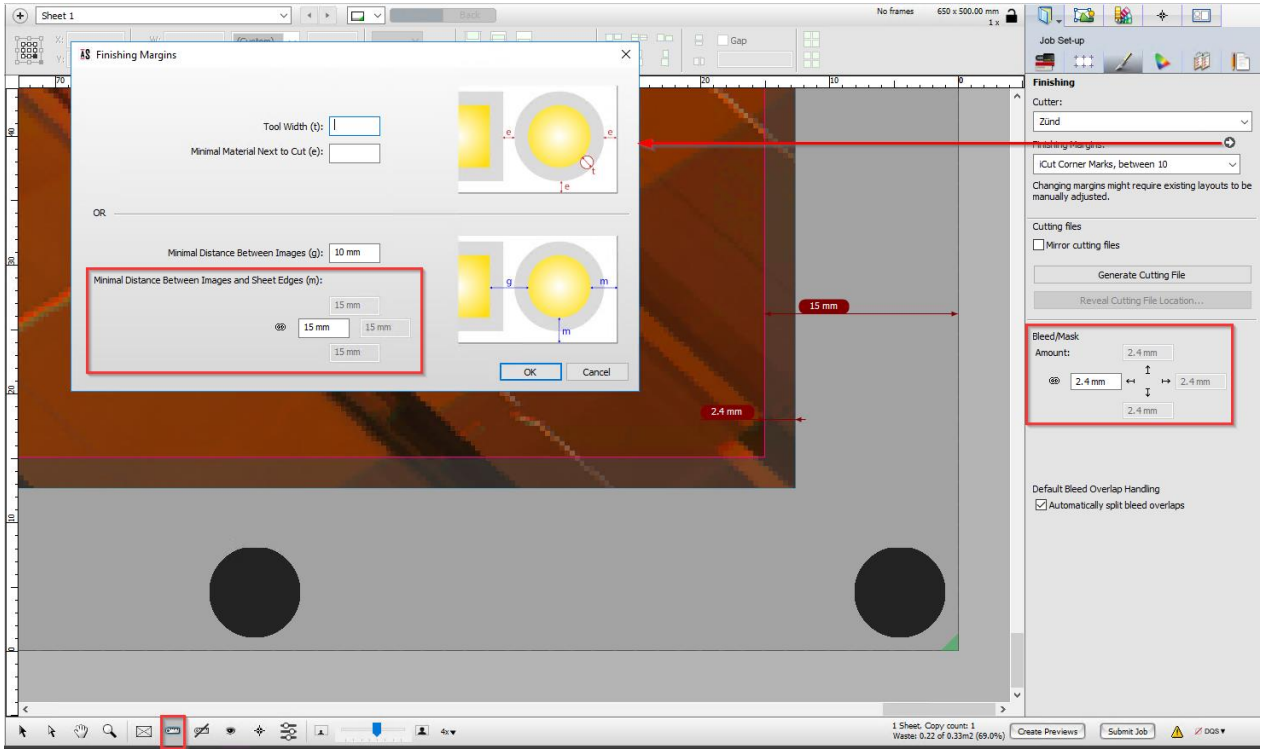


16. Select the "Dimensions" tab in the Info dialog.
    - The Bleed box is 396 x 257.2 mm and the Trim box is 390 x 250 mm which means that the image has sufficient bleed at all edges (left/top/right/bottom) (at least 3 mm on all sides).
17. Close the Info dialog.

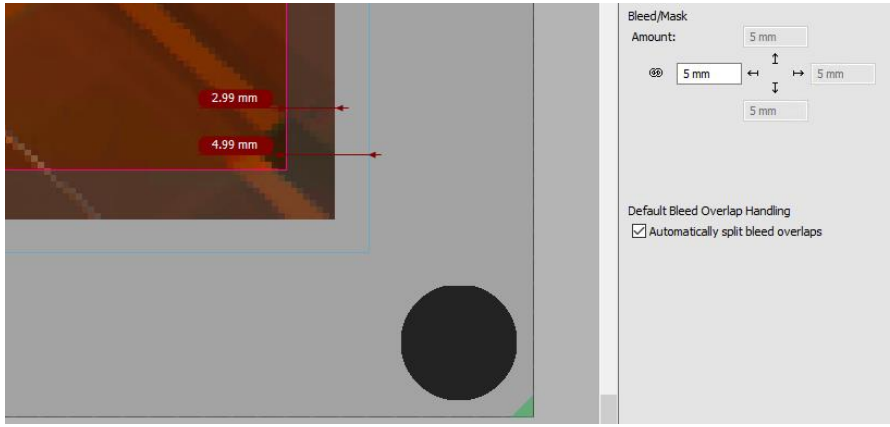


2. Inspecting the bleed on the Sheet

1. Place the product on the sheet and zoom in on the lay corner (left or right bottom corner depending on the selected Printer, the lay is indicated with a green triangle).
   - The "iCut Corner marks, between 10" specifies a 15 mm image to sheet edge margin which provides sufficient space for the Zünd registration marks.
   - Within this 15 mm margin you can see the default 2.4 mm bleed zone.
   - You can use the measurement tool to measure these distances: in order to measure the bleed you need to use a "long" click for the second measurement point and select "Current Location".



2. Increase the Bleed margin to 5 mm.
   - Earlier on we noticed that the image provided 3 mm of image bleed which you can now also see on the sheet. About 2 mm of the provided Bleed margin does not contain any image bleed (measurement is 2.99 mm instead of 3 mm due to measuring inaccurate).

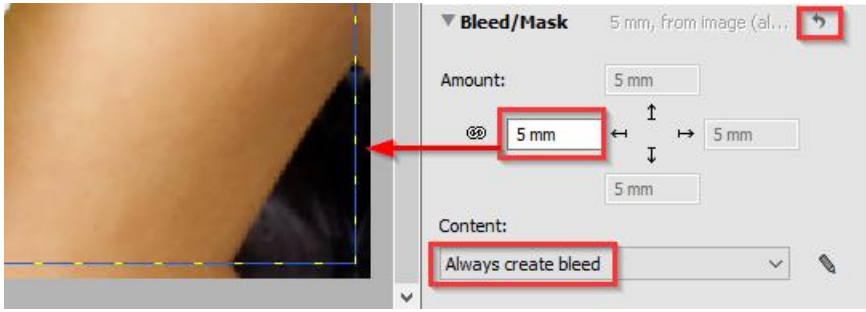


3. Submit the Job.

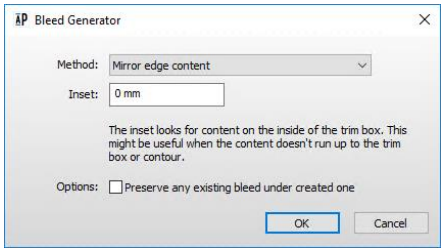
3. Creating/adjusting bleed with the Product Editor

1. File > New Wide Format Job.
2. Select a printer, select a media and set size 550x800mm.
3. Select Finishing Inspector, Zünd cutter and “Icut corner marks between 10”.
4. Import the “Woman with Grapefruit” JPG file.
   - JPG files can never have any image bleed therefore if bleed is required, it must be created.
5. Open the Product in the Product Editor.
   - As mentioned above, there is no Bleed (image content stops at Trim box/frame edge: blue-yellow line).

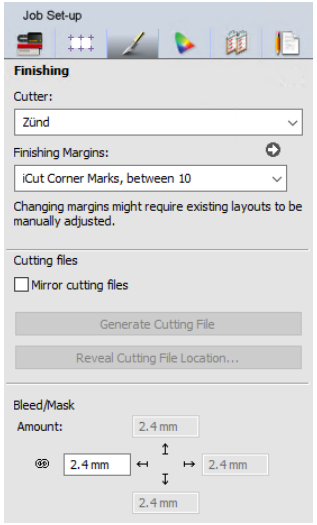
6. In the Bleed/Mask section change bleed to 5 mm and use as Bleed Content option “Always create bleed”.
   - Notice that this immediately creates bleed next to the Trim box/frame (blue-yellow line).
   - The default bleed content creation is done by mirroring the image content at the edge.
   - A grey curved arrow next to the Bleed/Mask header indicates that the current settings are different as the default. Clicking the arrow restores the default values.



7. Click the pencil icon next to “Always create bleed”.
   - You could change the bleed content creation method by selecting a different option if this is more appropriate for your job.
   - The Inset option allows you to define where the image mirroring needs to start: at the image edge (0 mm) or a specific distance from the image edge.
   - You can also select to preserve the bleed that is already provided within you images if applicable.

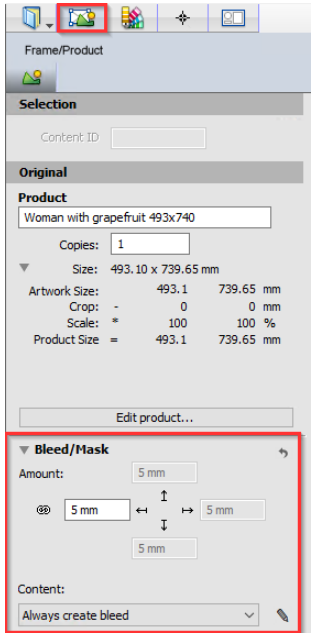


8. Close the Bleed Generator dialog and click the “Apply” button to apply the bleed to the image and return to the Layout Editor.



- Notice that the default jobs’s bleed is still set to 2.4 mm which is the Bleed that is set for any new files that are added to the job.

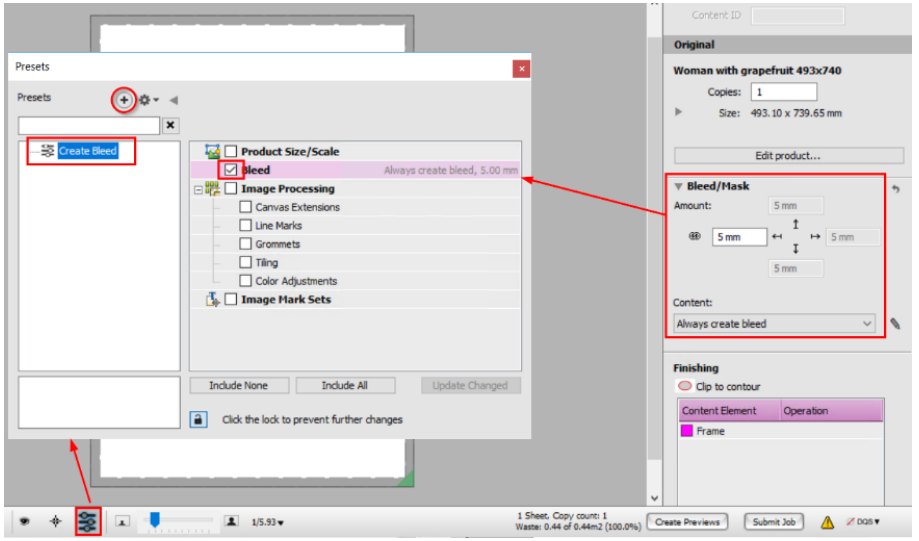
9. Select the product in the product list and click on the Frame/Product Inspector.



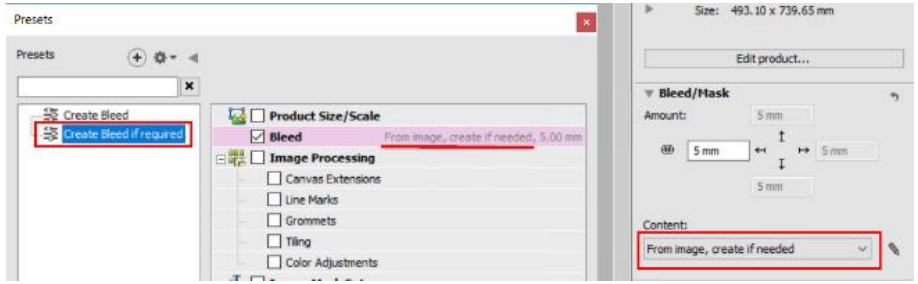
- This inspector shows the bleed settings we defined in the Product Editor.
- Notice again the arrow to indicate that the bleed settings for the selected product are different than the default job’s bleed settings, clicking the arrow will revert bleed settings to the default job bleed settings.

4. Saving various Bleed settings in presets

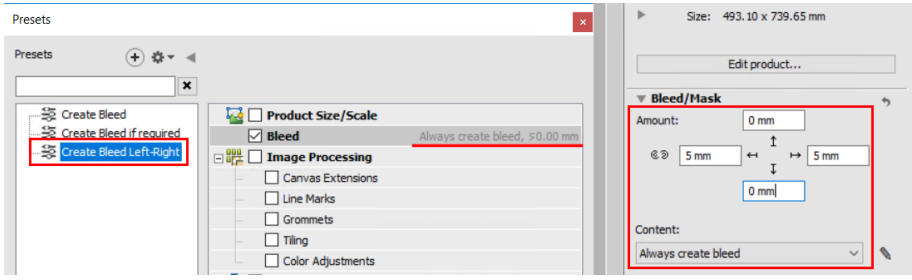
1. Click the Presets button at the bottom of the Layout Editor.
2. In the Presets dialog click the + button to create a new Preset.
3. Give the new Preset a name for instance “Create Bleed”.
4. Enable the “Bleed” option to save the current Product Bleed settings within this Preset.
   - Next to the settings name you will see a summary of the defined settings (eg. “Always create bleed, 5.00 mm).



5. Change your Product Bleed settings to “From image, create if needed”.
6. Create a new Preset and label it “Create Bleed if required”.

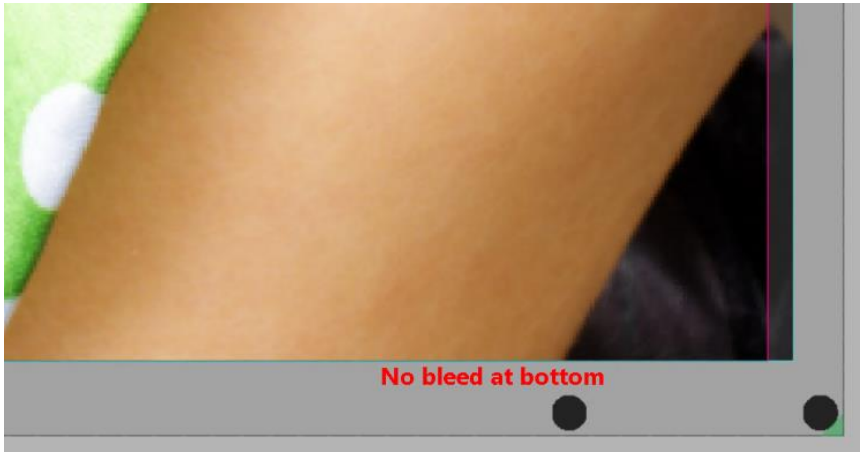


7. Change your Product Bleed settings again (click link icon to access the top, right and bottom bleed values) as indicated in the screenshot and make another Preset “Create Bleed Left-Right”.
8. Close the Presets dialog.

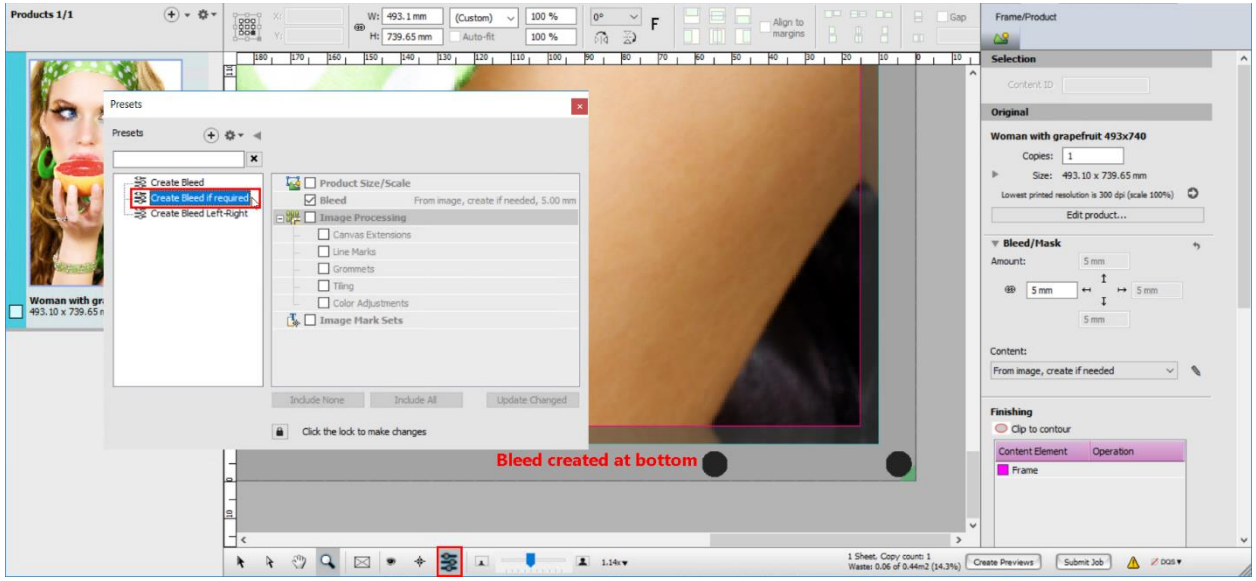


5. Applying Bleed Presets

1. Place the “Woman with Grapefruit” on the Sheet.
2. Zoom in at the corner with the printer lay.
   - The last Preset we created was the “Create Bleed Left-Right”so probably you will only see Bleed at the left or right side of your product.



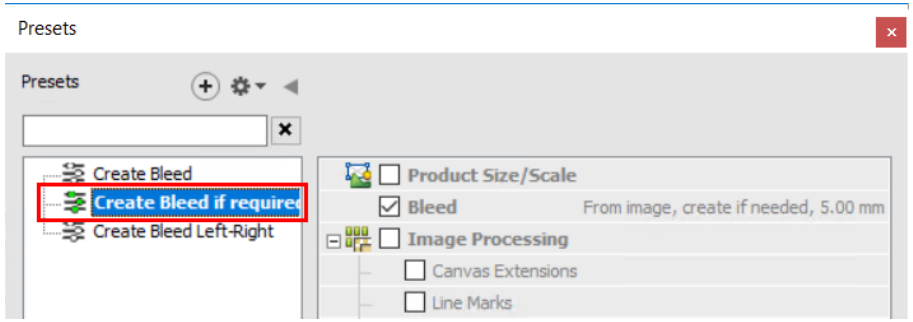
3. Select the Product in the Product List, and open the Presets dialog: Double-click the “Create Bleed if required” Preset.
   - Because the product has no bleed, Asanti will create bleed at the bottom.



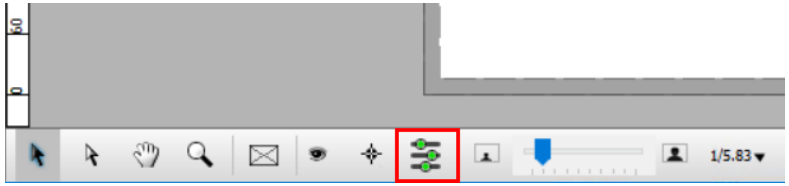
4. Close the Presets dialog and Submit the job.

6. Applying Bleed Presets automatically

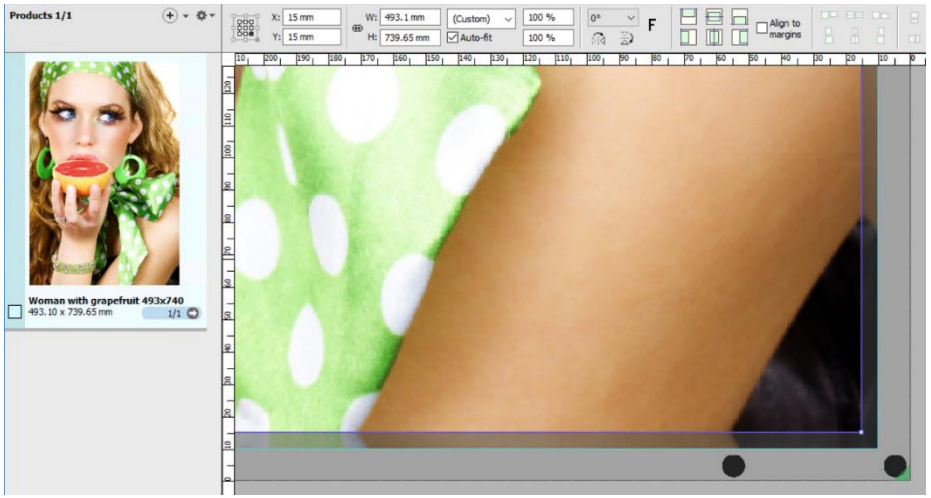
1. File > New Wide Format Job.
2. Select a printer, select a media and set size 550x800mm.
3. Select Finishing Inspector, Zünd cutter and “Icut corner marks between 10”.
4. Open the Presets dialog and context-click the “Create Bleed if required” Preset and select “Apply to New images”.
   - The Preset will now be listed in Bold.
   - The Preset icon will also be colored with green dots.



5. Close the Presets dialog.
   - Notice that also the Presets button in the Layout Editor is now colored with the green dots to indicate that a default Preset is active.



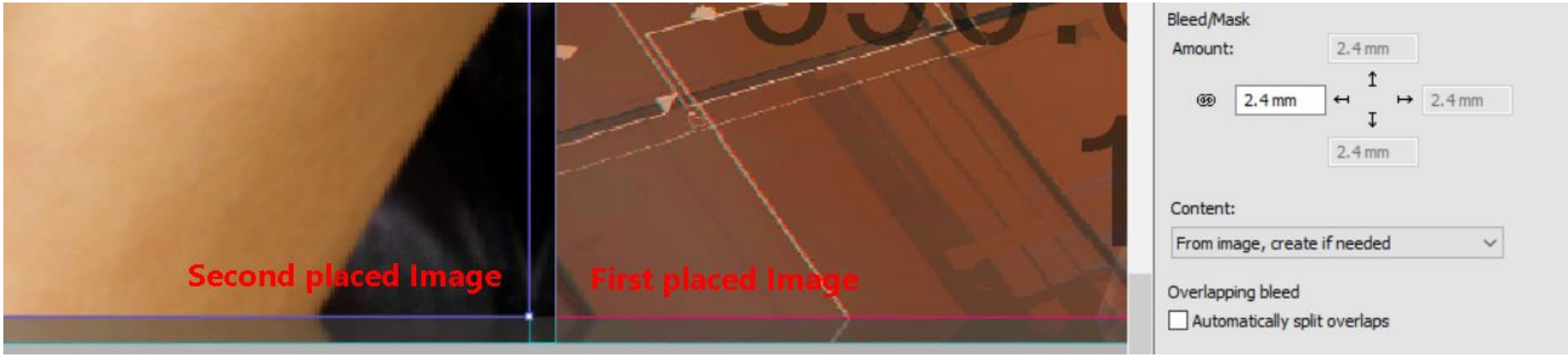
6. Add the “Woman with Grapefruit”.
7. Place the product on the sheet and inspect the Bleed Settings.
   - Bleed will have been generated as defined in the Preset that we selected.
8. Select File > Save as Template..., name the template “Apply Bleed automatically” and save it in the Tutorials category.
9. Close the current layout job and select to delete the job.
10. File > New from Templates ...
11. Select the “Apply Bleed automatically” template from the Tutorials category.
12. Add the “Woman with Grapefruit” to the Products pane.
13. Place the product on the sheet and inspect the Bleed Settings.
    - Bleed will have been generated as defined in the Preset that we selected.
14. Submit the job.



7. Bleed Overlap

The default behavior concerning overlapping bleed of two adjacent images is to split the bleed in two as indicated in the Screenshot below.

When you deselect “Automatically split overlaps” then the bleed of the last placed image will overlap the bleed of the first image.



Sheet > Fix Bleed Overlaps allows you to customize the overlaps but this option is only provided for customers with the Packaging option.