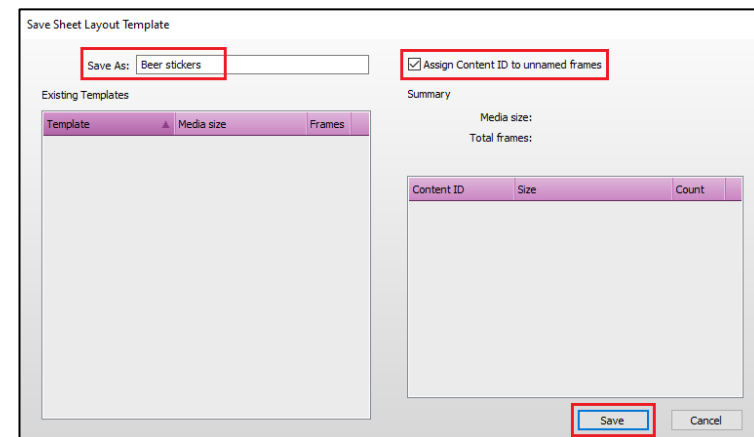# Working with Sheet Layout Templates

This tutorial explains how to create and apply Sheet Layout Templates.

Sample Files: Download the Asanti Sample Files via the Asanti Client (Help > Asanti Online > Download Sample Files).
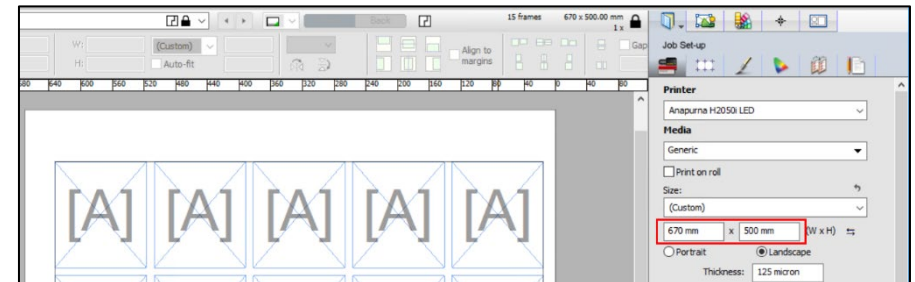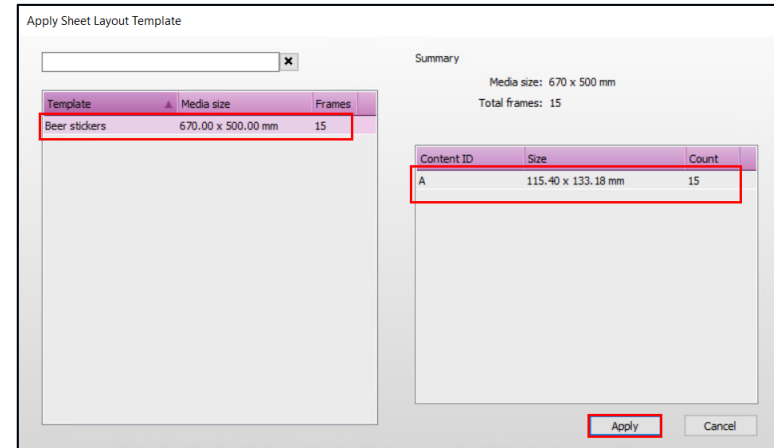
1. Creating a Sheet Layout Template

1. Create a new Wide Format job with media size 670x500 mm - Finishing margins set to "iCut Corner Marks, between 10".
2. Drag the CHIMAY.jpg file from the SampleFiles on your Sheet.
3. Context-click the product on your Sheet and select "Step And Repeat…". Keep the default options (which fills the entire sheet).
   - Your Sheet should now have 15 products.
4. Select Sheet > Save Sheet Layout Template…
   - You can always save a specific sheet layout as a Sheet Layout Template (even on jobs that are already printed).

5. Give the Sheet layout template a good name for instance "Beer stickers". Make sure to also select "Assign Content ID to unnamed frames" and click Save.
   - The Sheet Layout Templates are a resource of the Impose Task Processor: System Overview > Impose > Sheet Layout Templates.
6. You can submit the job which was used to create the Sheet Layout Template (or you can select to Delete" Job).
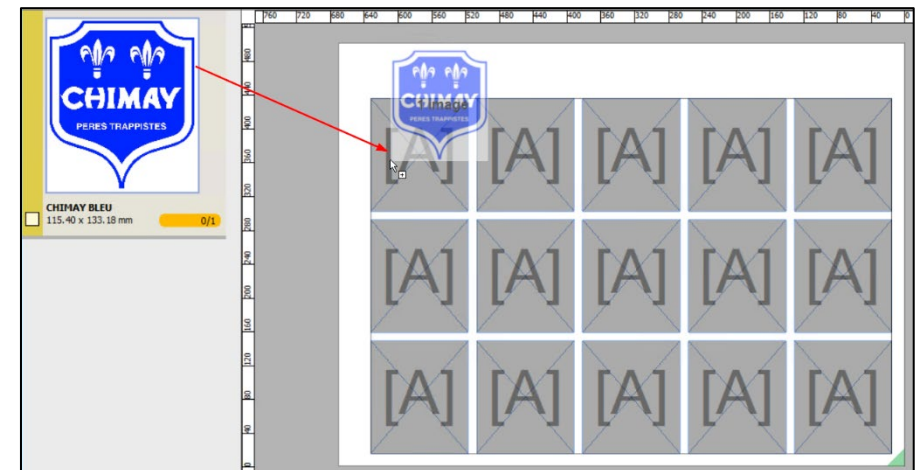
2. Applying a Sheet Layout Template

1. Create a new Wide Format job with media size 1000x700 mm-Finishing margins set to "iCut Corner Marks, between 10".
2. Select Sheet > Apply Sheet Layout Template.
3. Select the Sheet Layout Template you have just created.

   - The template provides various information: media size, the amount of product frames, the Content ID and frame size.

4. Click Apply to use the Sheet Layout Template.

   - Notice that the job's media size is reset to 670x500 mm.
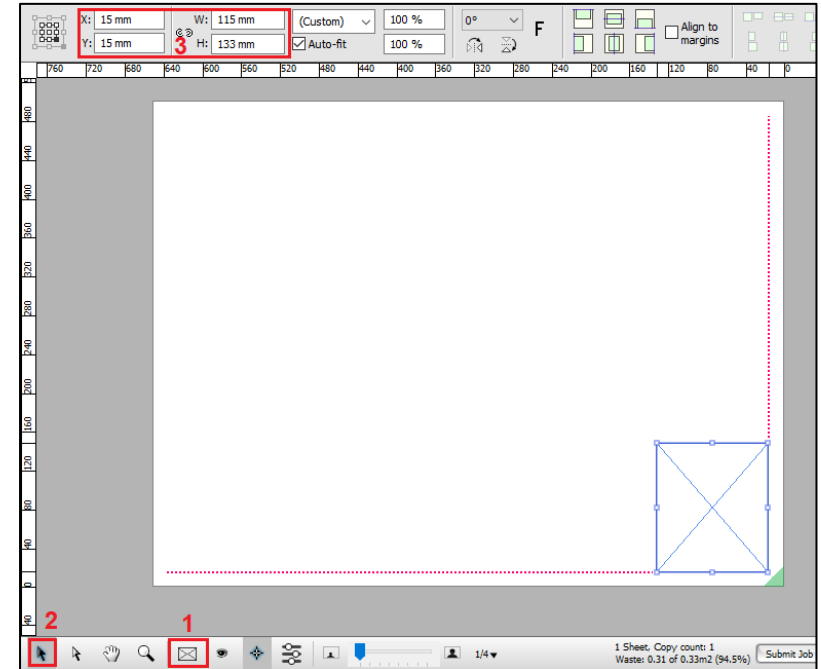

5. Import the CHIMAY BLEU.jpg file from the SampleFiles and drag the product on one of the frames.

   - All frames will be colored grey to indicate that the product will be placed in all frames (because they all have the same Content ID, in our example [A]).
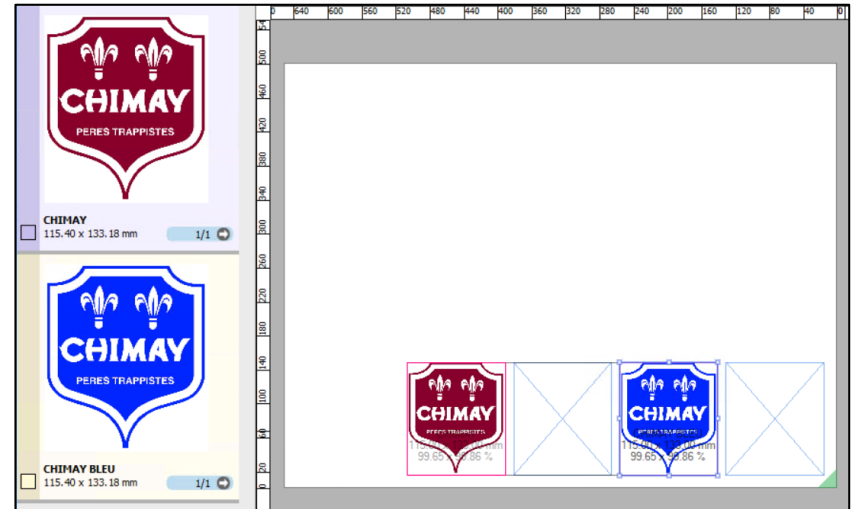6. Make any additional changes if required and submit the job.

3. **Making a Sheet Layout template by creating empty frames**

1. Create a new Wide Format job with media size 650x500 mm and finishing margins "iCut Corner Marks, between 10".
2. Select the "Create Empty Frame" tool and draw a frame on your Sheet.
3. Select the selection tool (black arrow) to place it in the lay corner (align it at the finishing margins (red dashed line) or use x-y coordinates (15 mm(x) and 15 mm(y)).
4. Frame dimensions should be 115x133 mm (break chain icon).
5. Context-click the frame and duplicate it 3 times.
6. Select Sheet > Save Sheet Layout Template. Disable "Assign Content ID to unnamed frames" option. Name the template "Manual frames no ID".
7. Close the Layout Editor and select "Delete Job".

8. Create a new Wide Format job and select Sheet > Apply Sheet Layout Template. Select the "Manual frames no ID" template we just created.
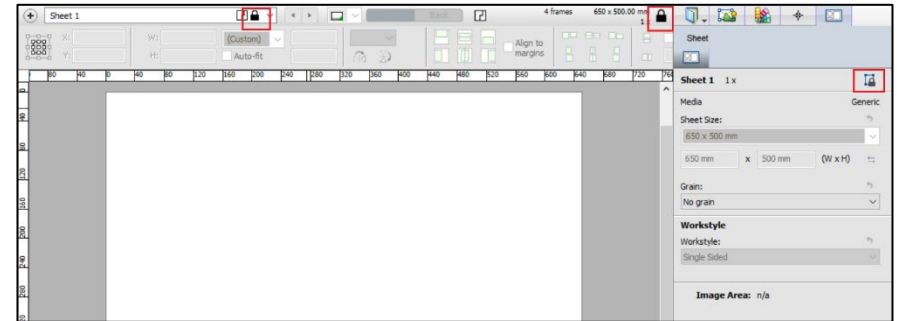
9. Import the CHIMAY.jpg and CHIMAY BLEU.jpg files.

10. Select one of the products and drag it on one of the empty frames. You can drop it when the frame colors grey.
11. Select the other product and drag and drop this on another empty frame.

    - Frames with no Content ID are treated independently and you can drop any product in them.

    - You can also select multiple frames with "CTRL" key and the Selection Tool or the Segment Selection Tool and drop any product on one of the selected frames to fill all selected frames.

    - And you can also fill all empty frames with the same product by dragging the product to the Sheet over a specific frame while pressing the "F" key.
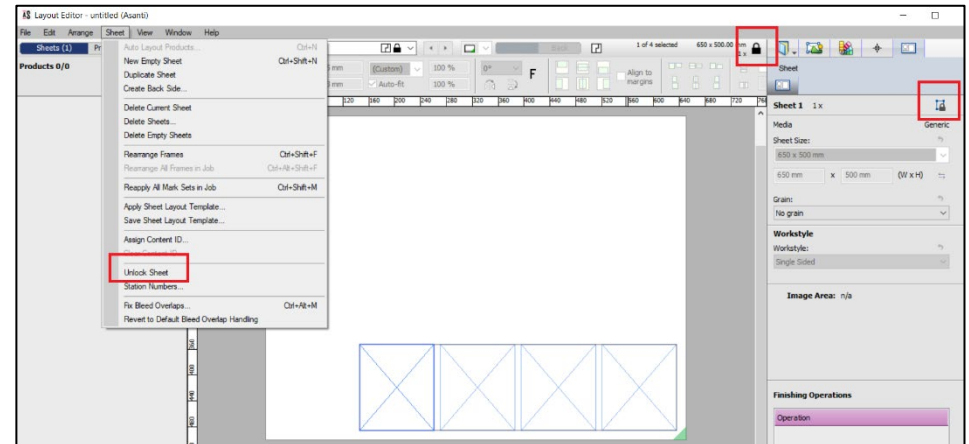
12. Close the Layout Editor and select "Delete Job".

4. Sheet layout lock/unlock

1. Create again a new Wide Format job and select Sheet > Apply Sheet Layout Template. Select the "Manual frames no ID" template.
2. Select one of the empty frames and try to delete, resize or move it.
   - This is not possible because the Sheet layout is by default locked for editing: notice the padlock icons next to the "Sheet 1" label, at the right top of the Positioning toolbar and in the Sheet Inspector.
3. The media size can be changed even though the media size is defined by the sheet layout template.
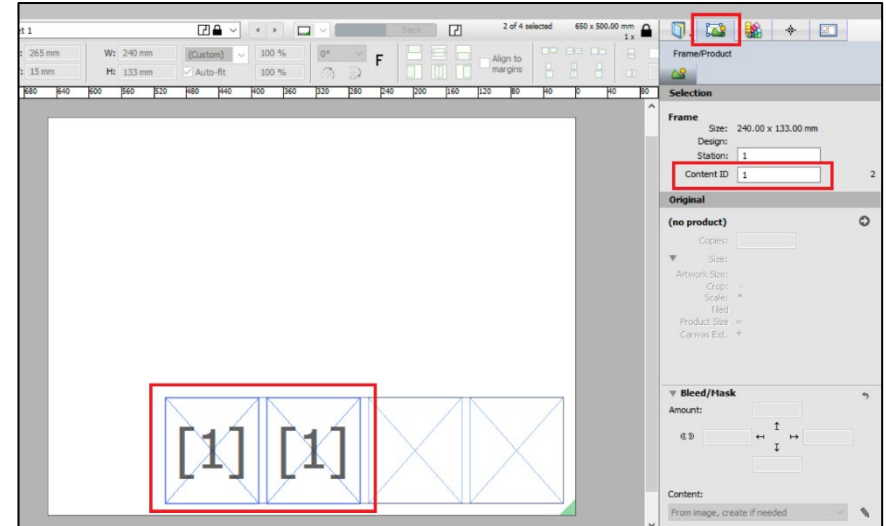

4. Unlock the sheet layout by selecting Sheet > Unlock Sheet or click the padlock icon at the right top of the Positioning toolbar or click the padlock icon in the Sheet Inspector.
   - The lock icon next to the Sheet 1 label disappears.
5. You can now make changes to the frames. When you are finished you can lock the sheet layout again by doing the same operation as for unlocking.
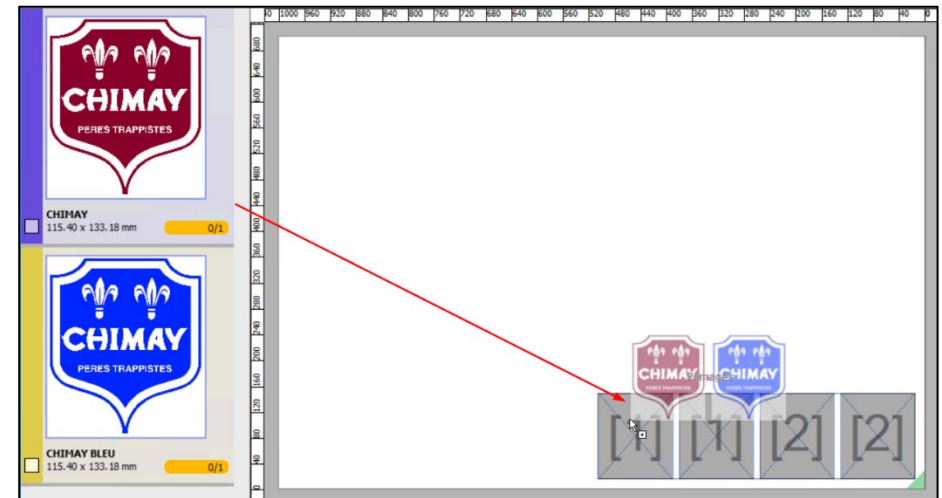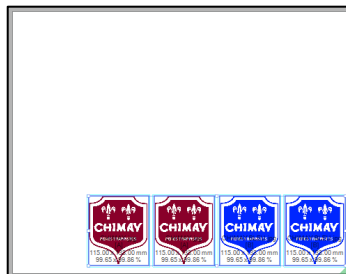6. Close the Layout Editor and select "Delete Job".

5. Assign Content IDs

1. Create again a new Wide Format job and select Sheet > Apply Sheet Layout Template and select "Manual frames no ID".
2. Select the first two frames and select the Frame/Product inspector.
3. Type "1" as Content ID field to manually assign an ID to the first two frames.

   - Notice that you do not need to unlock a sheet layout to change Content ID's.

4. Select the 2 other "unnamed" frames and label them ID "2".
5. Select Sheet > Save Sheet Layout Template and give the template the name "Manual frames with ID".

   - The option "Assign content ID's..." is greyed out because we already assigned the ID's. ID's can only be assigned automatically when frames are empty or products have been placed.

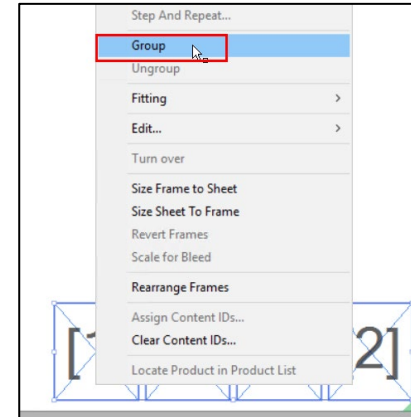6. Close the Layout Editor and select "Delete Job".
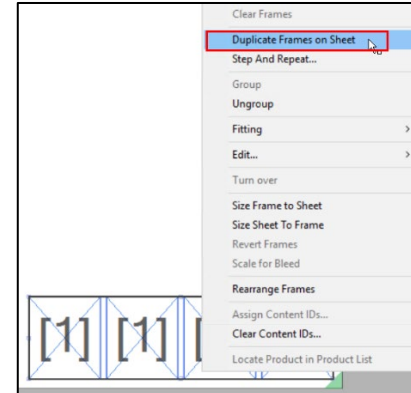

6. Using multiple Content IDs

1. Create again a new Wide Format job and select Sheet > Apply Sheet Layout Template and select "Manual frames with ID".
2. Import the files CHIMAY and CHIMAY BLEU.
3. Select both products in the products list and drag them on one of the frames with Content ID [1].

   - Both products will now be placed on the different frames of the same sheet.
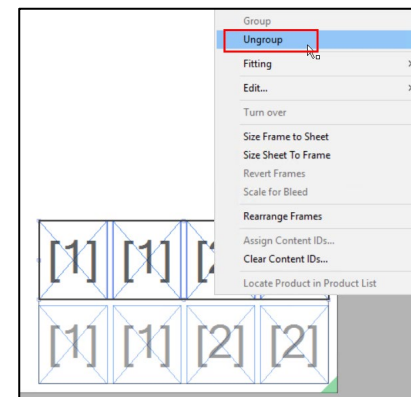
4. Type "CTRL+Z" to undo the placement.
5. Select Sheet > Unlock Sheet to add some frames.
6. Select the 4 frames with Content ID's [1] and [2], context-click
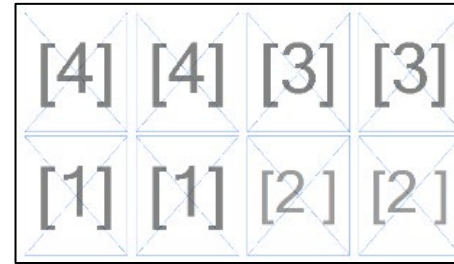   and select "Group" shortcut is (CTRL+G).

7. Context-click the group and select "Duplicate Frames on Sheet".
8. Specify 1 copy and click OK.

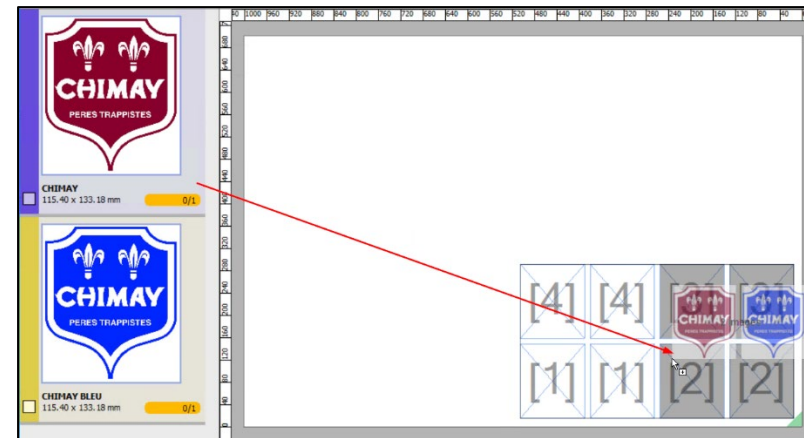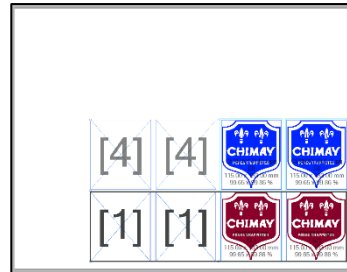9. Context-click the new group and select "Ungroup"(CTRL+U).

10. Change the frames Content ID's to [3] and [4] as indicated in the screenshot.

11. Select both products and drag them on one of the frames with Content ID [2].

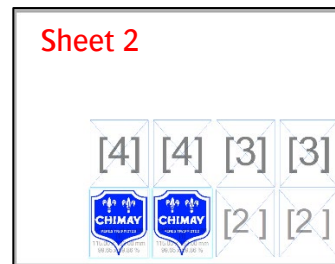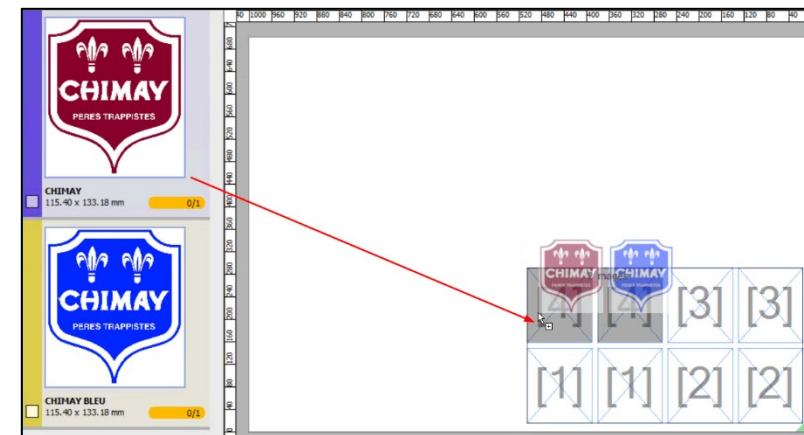   - As you can see the products are placed in the frames with sequential Content ID numbers.

12. Type "CTRL+Z" to undo the placement.
13. Select both products and drag them on one of the frames with Content ID [4].

   - The products will be placed on a different sheet when there is no frame with a sequential Content ID on the same Sheet.
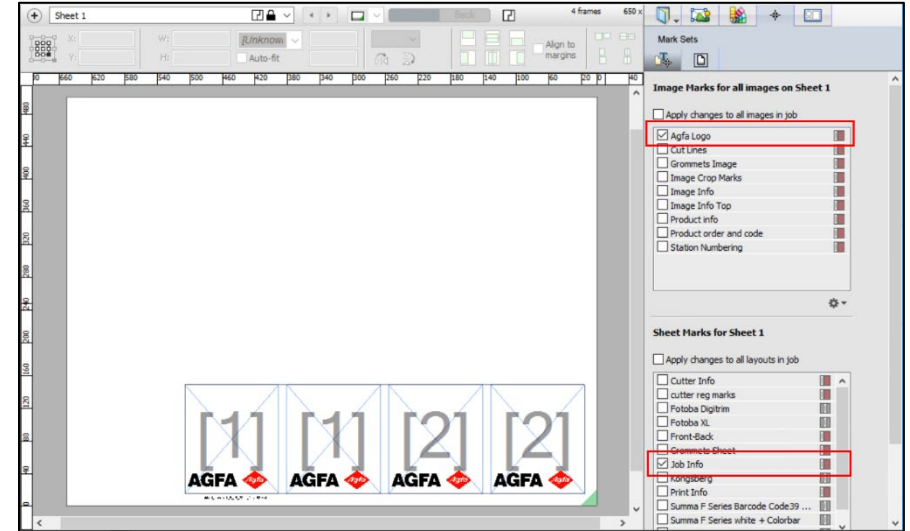
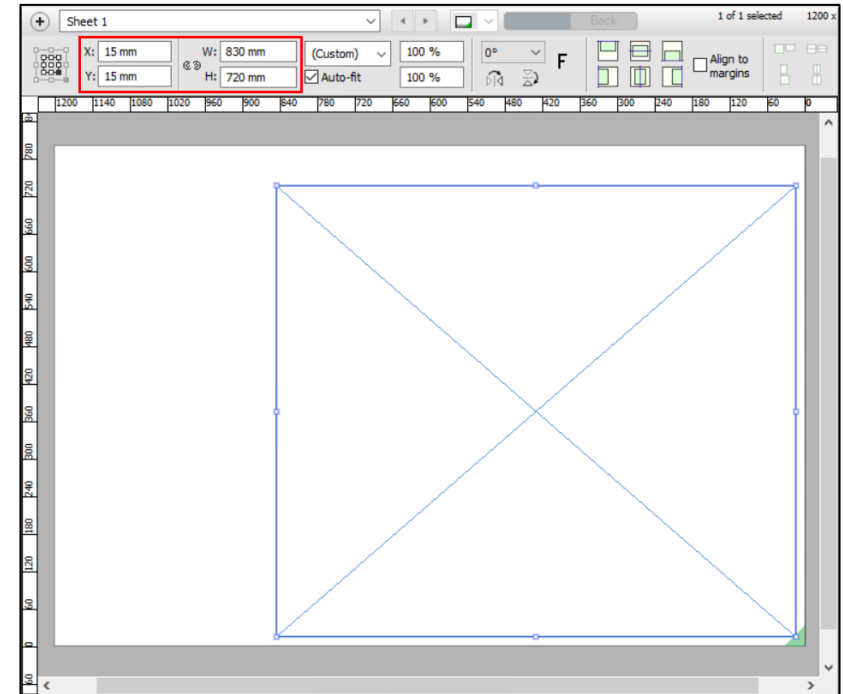14. Close the Layout Editor and select "Delete Job".

Sheet 1

Sheet 2

7.   Assign Marks and Mark Sets to Sheet Layout templates

1.   Create again a new Wide Format job and select Sheet > Apply Sheet Layout Template and select "Manual frames with ID".
2.   Select the Mark Sets inspector and select the "Agfa Logo" Product Mark Set (this will be applied on all frames when no frames are selected).
3.   Select also the "Job Info" Sheet mark Set.

    • You can also place marks interactively.

    • Notice that you do not need to unlock the Sheet layout to add marks.

4.   Select Sheet > Save Sheet Layout Template. Give the template the name "Manual frames with ID and marks".
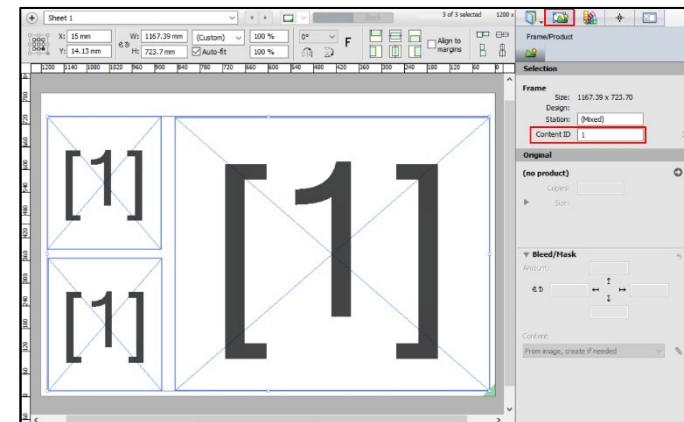5.   Close the Layout Editor and select "Delete Job".
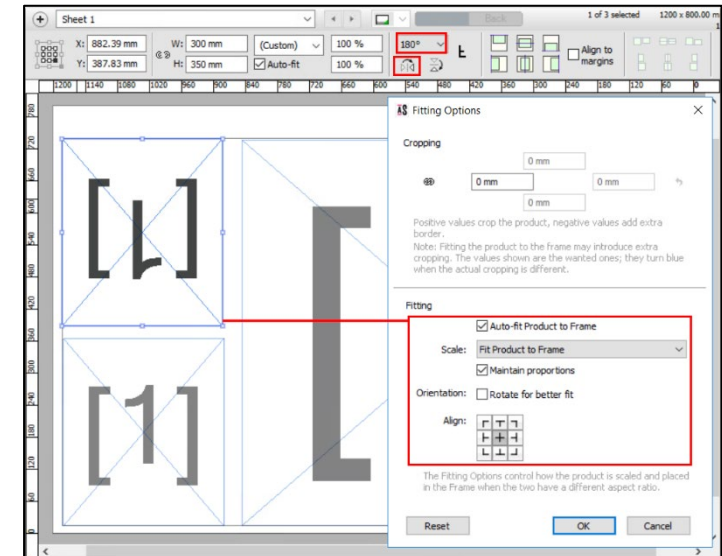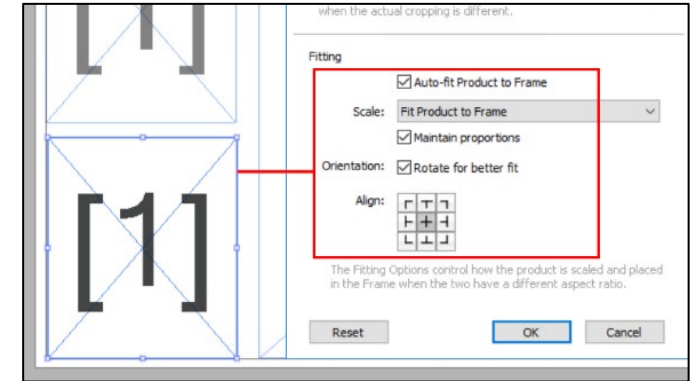
8. Frame properties and Fitting options

1. Create a new Wide Format job with media size 1200x800 mm - Finishing margins set to "iCut Corner Marks, between 10".
2. Select the "Create Empty Frame" tool and draw a frame on your Sheet.
3. Select the Selection tool and place it in the corner (aligned at finishing margins) and enter exact dimensions 830x720 (break the chain icon).

4. Create another frame next to it with dimensions 300x350.
5. Duplicate this last frame (CTRL+D) and position it above the previous frame.
6. Select all frames (CTRL+A) and set the frames Content ID to 1 in the Frame/Product inspector.

7. Select the lower small frame, context-click and select Fitting >
Fitting Options.

- Select Auto-fit Product to Frame, Fit Product to Frame, Maintain proportions,
Rotate for better fit and select the center Align option.

8. Select the upper small frame, context-click and select Fitting >
Fitting Options.

- Select same settings as lower product but do not select Rotate for better fit.

9. In the Positioning bar select to rotate the frame 180 degrees
and mirror it horizontally.

- Notice that the Content ID [1] is upside down but not mirrored.

10. Select Sheet > Save Sheet Layout template. Give the template the name "1 Poster - 2 scaled copies".
11. Close the Layout Editor and select "Delete Job".
12. Create a new Wide Format job and select Sheet > Apply Sheet Layout Template and select "1 Poster - 2 scaled copies".
13. Import the Miller Lite Logo.jpg file and drag it on one of the frames of the Sheet Layout.

   - Product/Frame Fitting Options are included in Sheet Layout templates.
   - Product/Frame properties (mirror and rotate) are also included in Sheet Layout Templates.

14. Submit the job and select "Make and Hold".