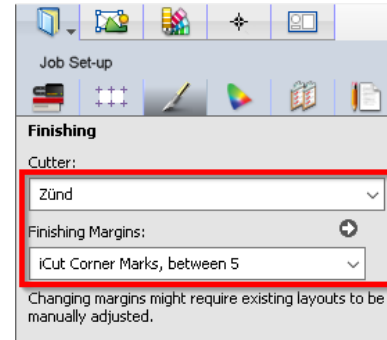# Working with Mark Sets

This tutorial demonstrates how to work with Mark Sets in an Asanti job.

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

1. Create a new job

1. File > New Wide Format Job.
2. Select a printer and set sheet size width to at least 1230 mm.
3. Open the Finishing inspector and select Cutter "Zünd", Finishing Margins "iCut Corner Marks, between 5" to preserve sufficient space to place the marks.

2. Place a product

1. In the Products List click "+", browse for "ASANTI Visual 390x250.pdf" and click Open.
2. Drag the product to the Sheet.
3. Context-click the product on the sheet and select "Duplicate Frame on Sheet" (Ctrl+D) and make two additional copies.
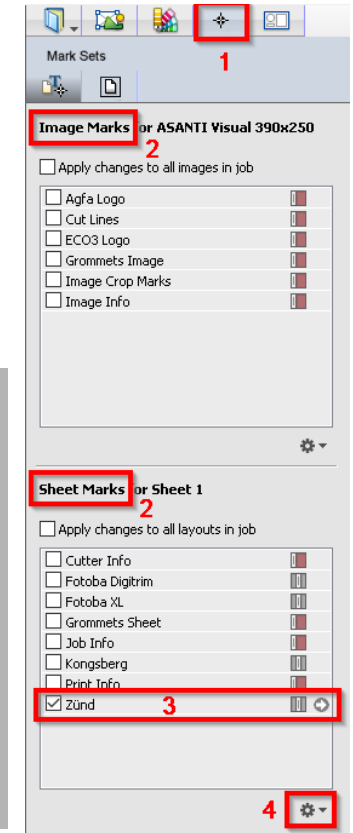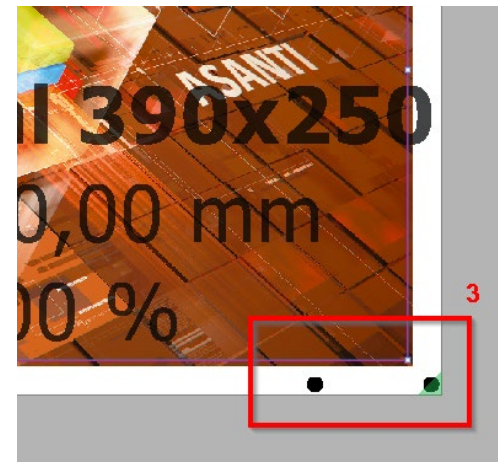
3. Managing Mark Sets

1. Select the Marks Sets inspector (1).

   - There are two Mark Sets Categories: Image Marks and Sheet Marks (2).
   - The Mark Sets placement has 3 types of conditions

     which are indicated by the icons on the right:
   - "Manually only"
   - "Based on conditions"
   - "Always"

   - In our job only the "Zünd" Sheet Mark Set is enabled (3).
   - This Mark Set includes the "Zünd" cutter registration marks which are placed on the sheet (3).
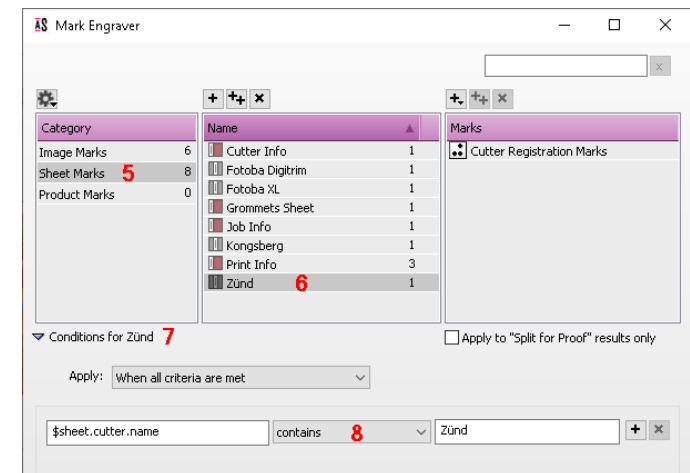
2. Click the bottom cogwheel > Manage Mark Sets (4).

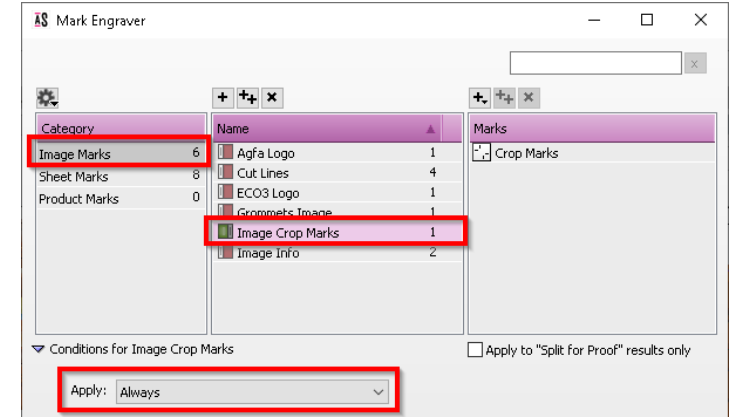   - The Mark Engraver opens and the Sheet Marks category (5) will be selected.

3. Select the "Zünd" Mark Set (6).

4. Expand the Conditions for Zünd (7).

   - This Mark Set is automatically placed in our job because the condition was met: the cutter name contains "Zünd" (8).
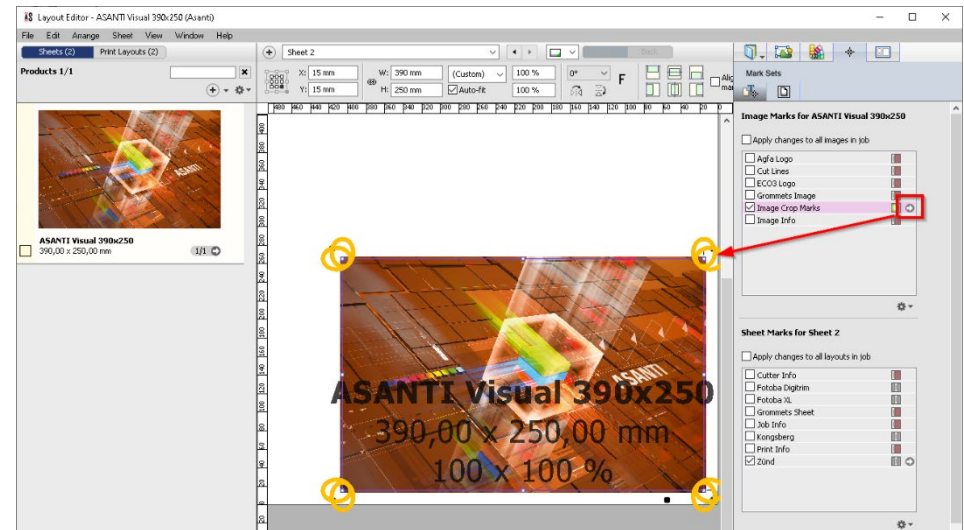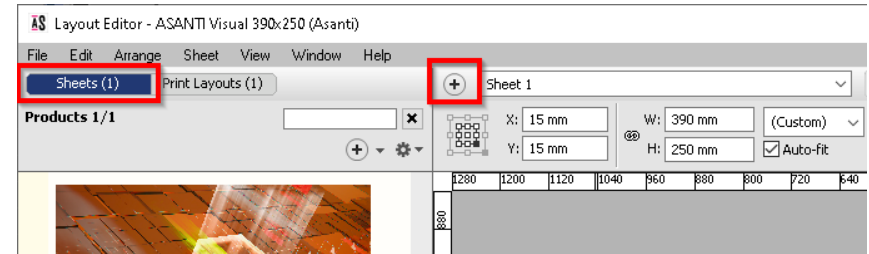
5. Select the Image Marks category and select the "Image Crop Marks" Mark Set.

6. Click the unlock button 🔓 at bottom of Mark Engraver (Ctrl+L) and change the condition to 'Always'.
    - The icon color next to the Mark Set name will change to green 🟩 to indicate it will be placed on any job.
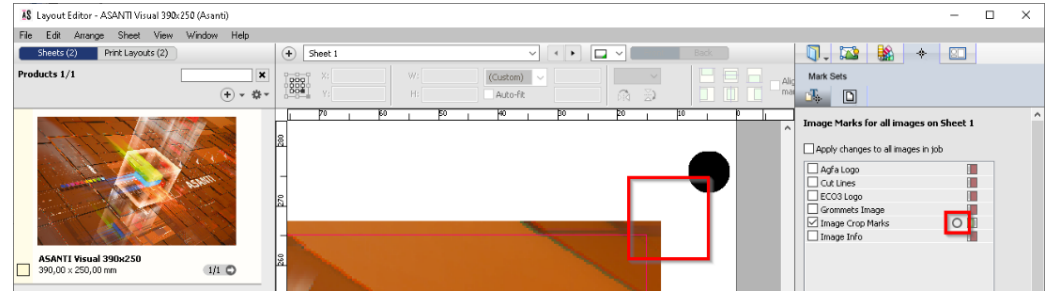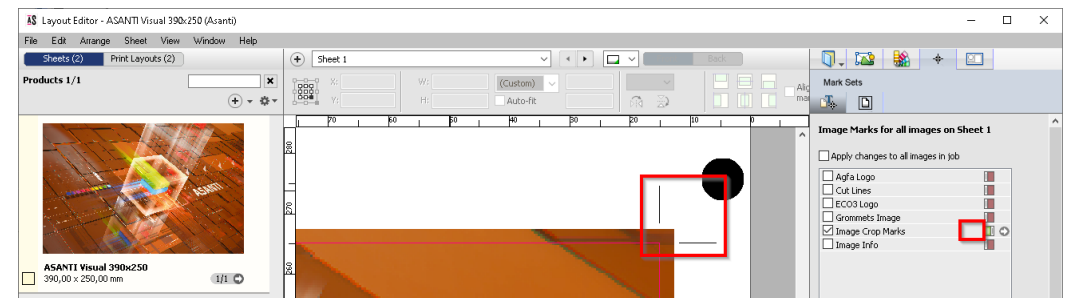
7. Close the Mark Engraver.

4. Reapplying Mark Sets

1. In the Sheets view, click the "+" button next to the sheet selection drop down list.

2. Drag the product from the Products List to this new sheet.
    - The "Image Crop Marks" are automatically placed.

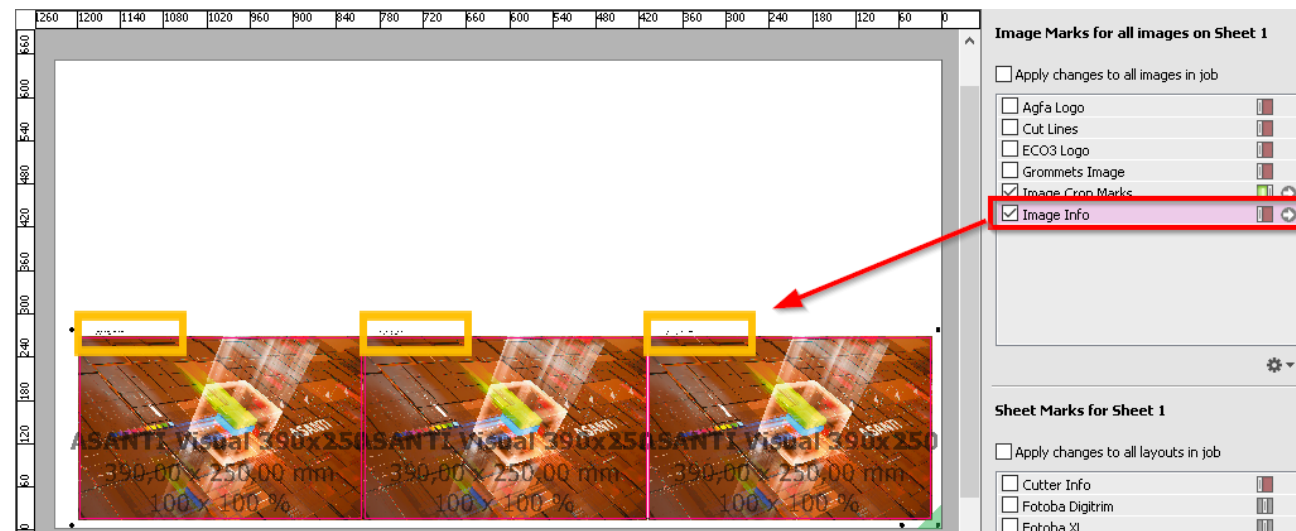3. Press the arrow next to the condition icon to indicate where the marks are located on the sheet.

4. Go back to Sheet 1 and notice that there are no crop marks present for these previously placed products.

   - Products which are placed on sheets before enabling a Mark Set do not automatically have the Mark Set applied.
   - This is indicated with the circle next to the condition icon from the "Image Crop Marks" Mark Set.
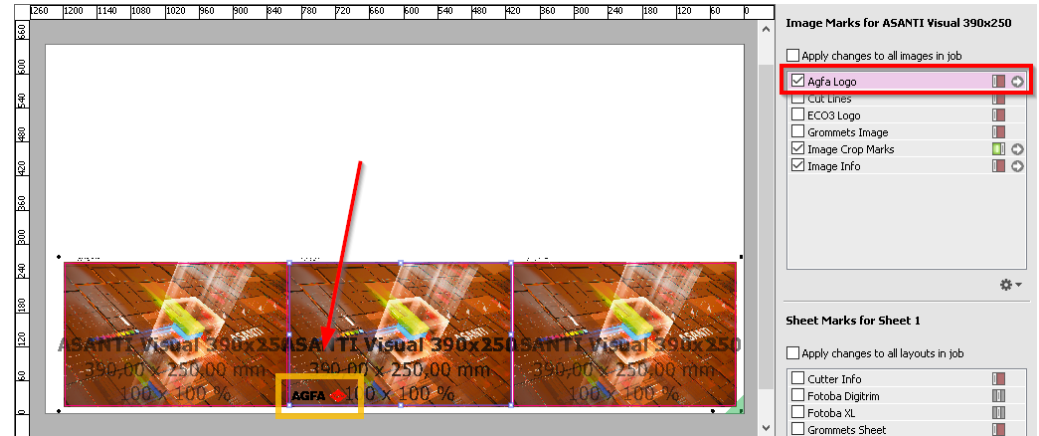
5. Select Sheet > Reapply All Marks Sets in Job (Ctrl+Shift+M) to apply the marks conditions as defined in the Mark Engraver again for all sheets.

   - Now all products will have crop marks.
   - The circle next to the condition icon from the "Image Crop Marks" Mark Set is gone.

6. Enable the "Image Info" Mark Set in the Image Marks of the Marks Inspector.

   - This places 'informational' text marks above each product of the current selected sheet only.
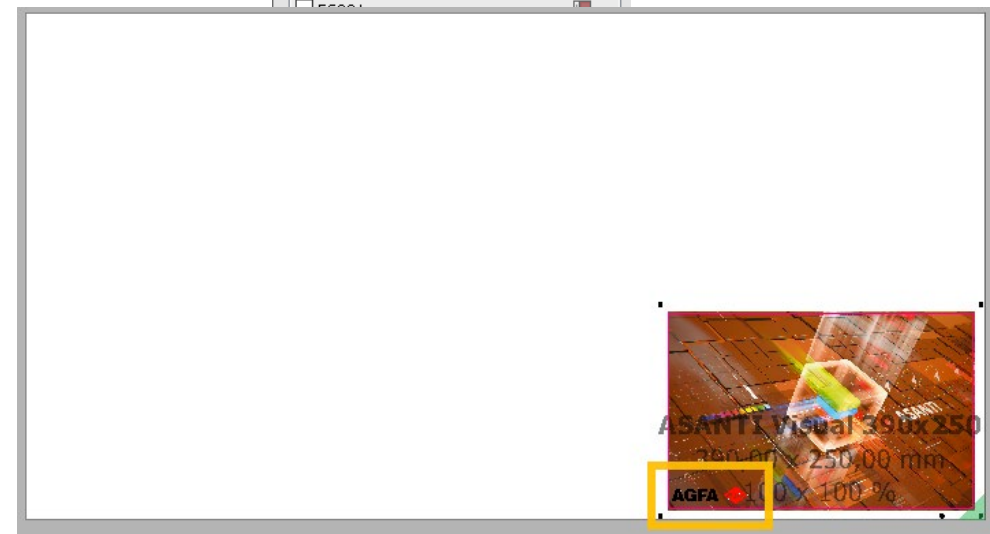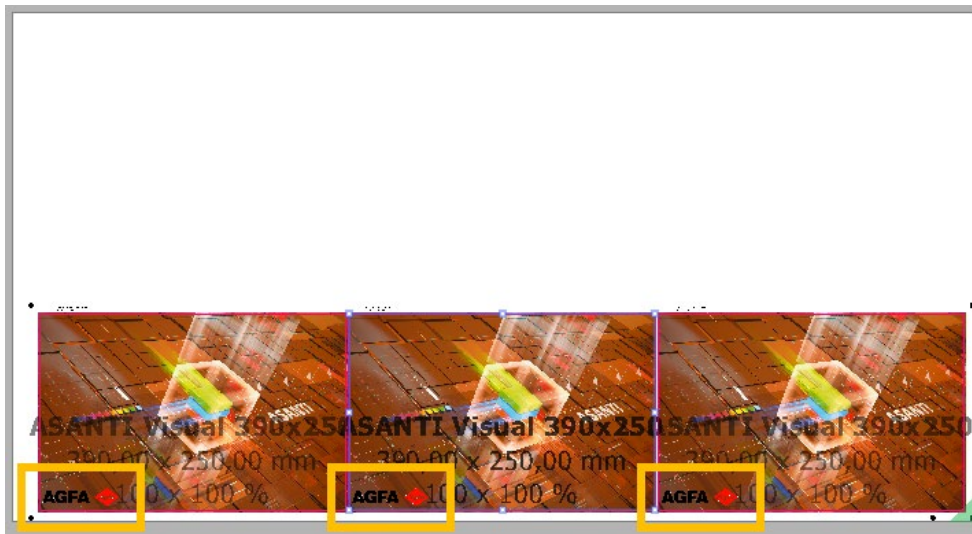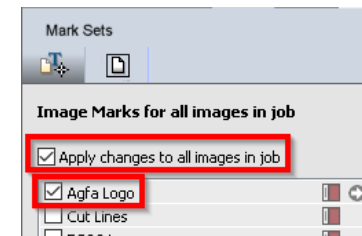
7. Select the product in the center of the sheet and enable the "Agfa Logo" Mark Set.

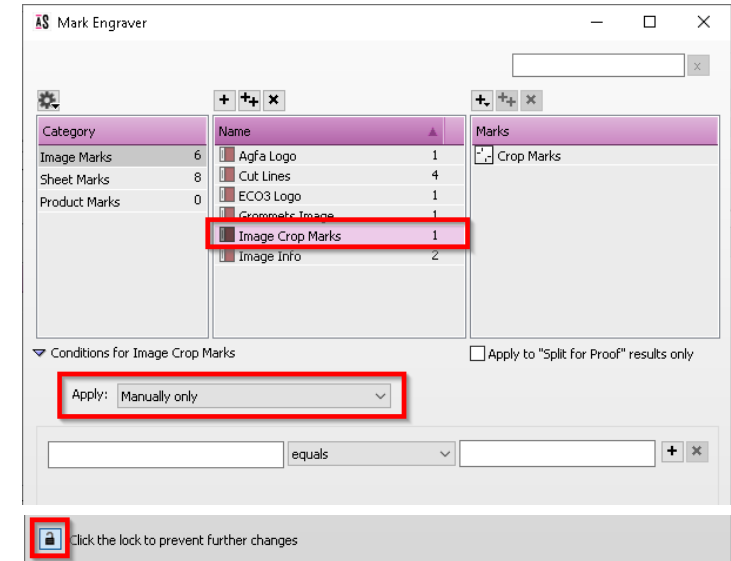   - The Agfa logo mark is now only applied on the selected product.

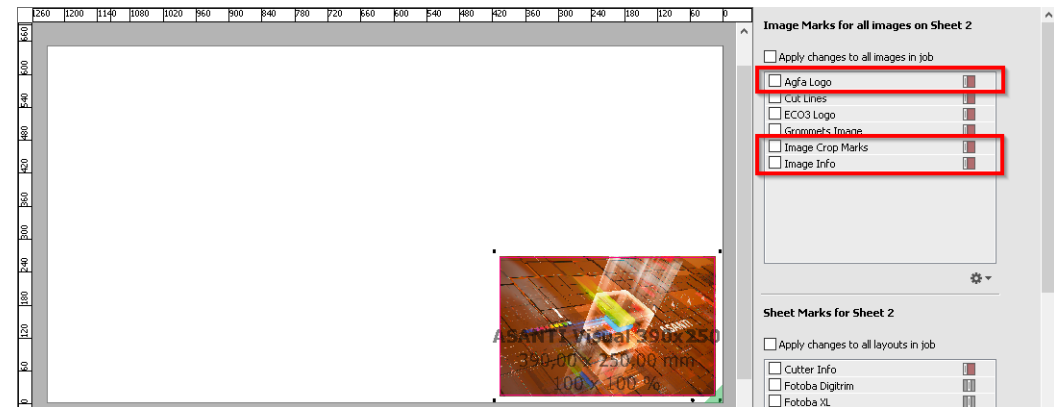8. Deselect the "Agfa Logo" Mark Set.

9. For the 'Image Mark Sets', enable the option "Apply changes to all images in job" and enable the "Agfa Logo" Mark Set again.

    - The Agfa logo mark is now applied to all products on all sheets of the job.

10. Select Window > Resources > Mark Engraver (Ctrl+Alt+3).
11. Change the ″Image Crop Marks″ condition to ″Manually only″ (you need to click the unlock button at bottom of the dialog before you can make any edits).
12. Close the Mark Engraver.

13. Select Sheet > Reapply All Marks Sets in Job (Ctrl+Shift+M).
    - The ″Image Crop Marks″ Mark Set will no longer be applied because condition was set to "Manually Only".
    - The manually selected Mark Sets will also be deselected when you reapply the Mark Set conditions. Therefore, the ″Image Info″ and the ″Agfa Logo″ Mark Sets are no longer applied.

14. Click ″Submit Job″, select Print Files ″Make and hold″ and Cut Files ″Make and send to cutter″.