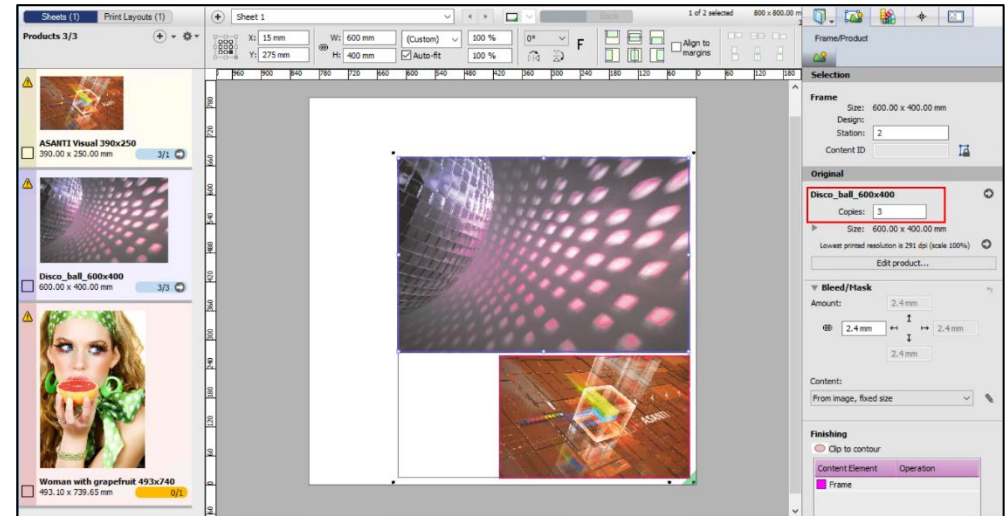**AS**
Tutorial

Interactively Placing Marks

This tutorial demonstrates how to use the interactive marks editor.

Download the Asanti Sample Files via the Asanti Client (Help > Asanti Online > Download Sample Files).
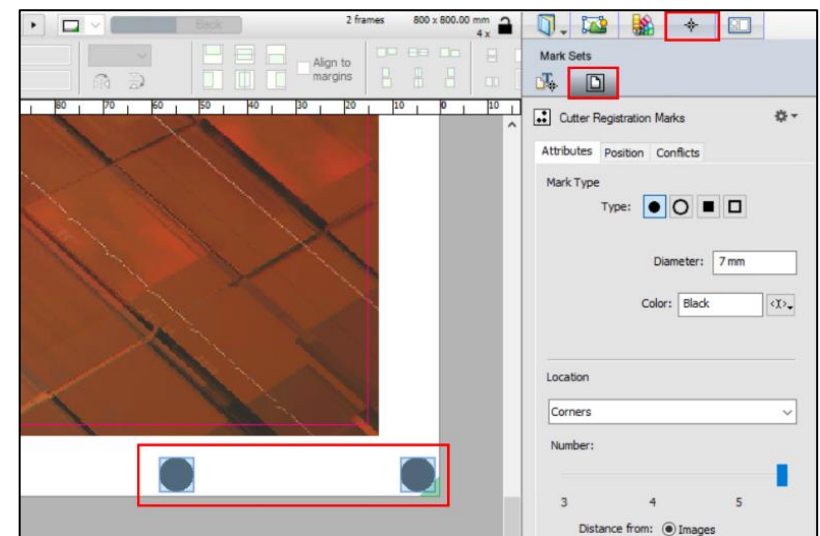
1. Create a layout job

1. File > New Wide Format Job.
2. Select a Printing Device and set Media Size: 800x800mm.
3. In the Finishing inspector, select Cutter: Zünd, Finishing Margins: iCut Corner Marks, between 10.
4. Import products: ASANTI Visual 390x250.pdf, Disco_ball_600x400.pdf and Woman with grapefruit 493x740.jpg.
5. Place ASANTI Visual 390x250.pdf on the sheet.
6. Place Disco_ball_600x400.pdf also on the sheet.
7. Set copy count of Disco_ball_600x400.pdf to 3.
8. Set copy count of ASANTI Visual 390x250.pdf to 4.
9. Place Woman with grapefruit 493x740.jpg on a second sheet.
10. Open the Mark Sets inspector, mark set Zünd is automatically enabled based on mark sets conditions (because the cutter Zünd is selected).
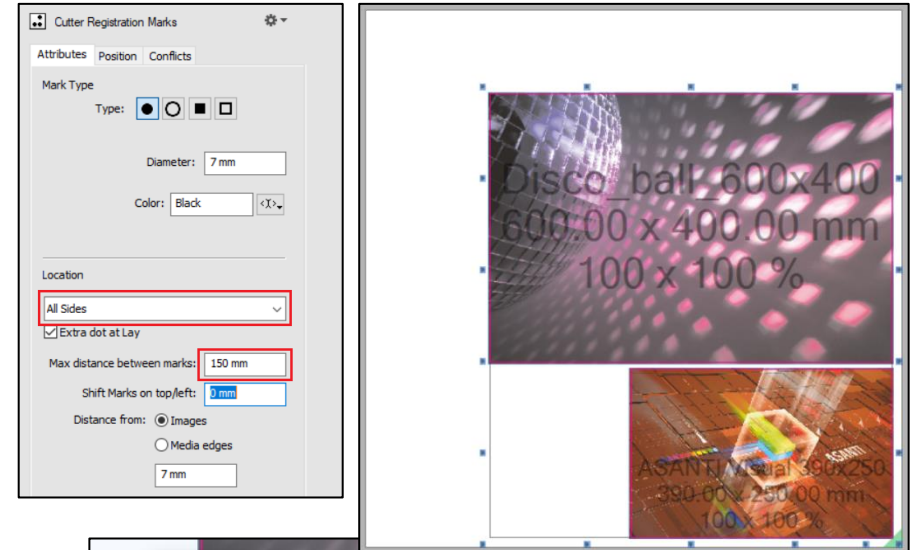

2. Change Cutter Registration Marks

1. Select Sheet 1 and zoom in on the Cutter Registration Marks.
2. Select the ▸ (selection) tool and select one of the cutter registration marks.
3. Select the second tab in the Mark Sets inspector.
   • This tab shows the Interactive Marks Editor.

4. Change the Location of the Cutter Registration Marks to All Sides.
5. Change Max distance between marks to 150 mm.
6. The Cutter Registration Marks are placed on all sides of the products frame.
7. Select Sheet 2 and notice that the change of the cutter registration marks is not applied to Sheet 2.
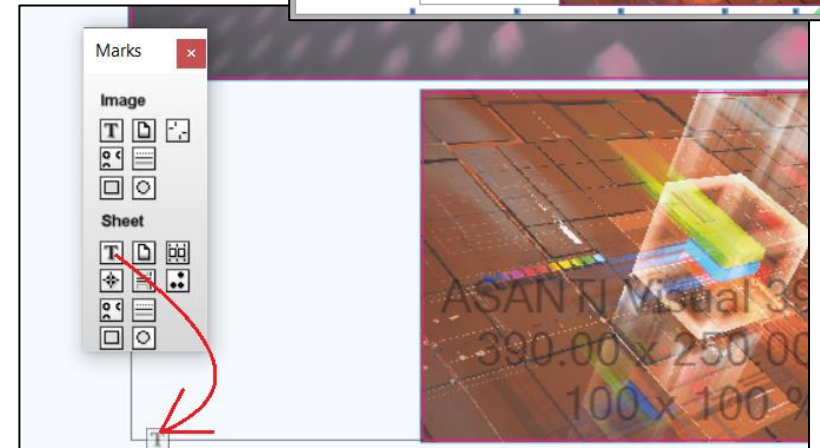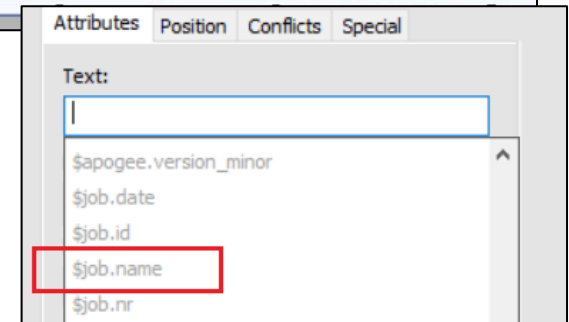

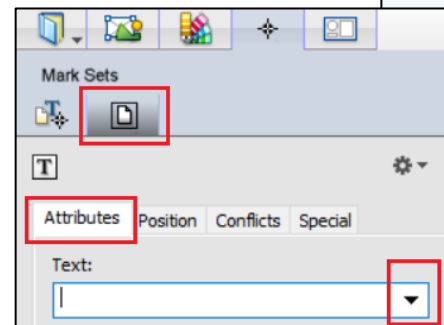
3. Add a Sheet Text Mark

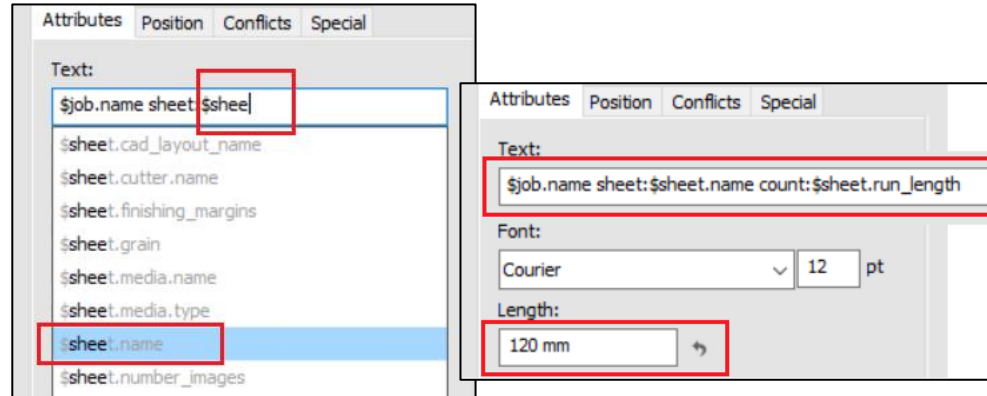1. Click the marks icon in the toolbar to open the Marks Palette.

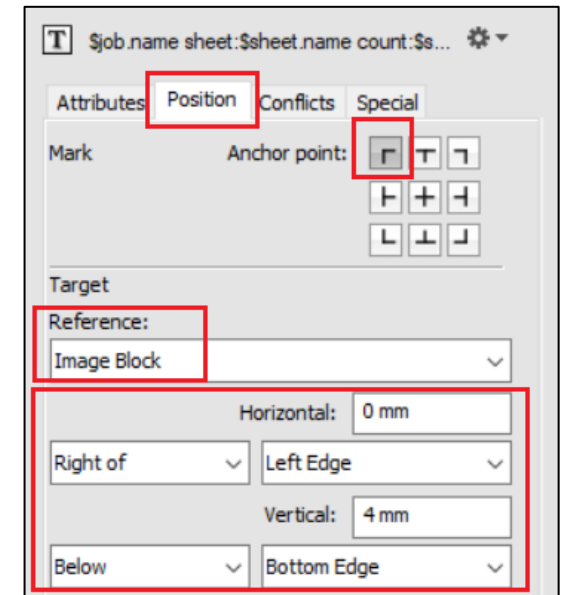2. Drag a Sheet Text Mark to the bottom margin of Sheet 1.

3. Select the Attributes tab, and remove the text in the Text field.
4. Click the dropdown icon.
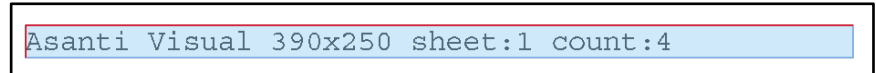5. Scroll down in the list and select $job.name.

6. Type a space and the text *sheet:*
7. Type $shee to filter the list to only $sheet variables.
8. Select $sheet.name
9. Type a space and the text *count:*
10. Type $shee and select $sheet.run_length
11. Set the Length to e.g. 120 mm so it will fit longer job names.

| Attributes | Position | Conflicts | Special |

Text:

$job.name sheet: $shee

$sheet.cad_layout_name
$sheet.cutter.name
$sheet.finishing_margins
$sheet.grain
$sheet.media.name
$sheet.media.type
$sheet.name
$sheet.number_images

| Attributes | Position | Conflicts | Special |

Text:

$job.name sheet:$sheet.name count:$sheet.run_length

Font:

Courier   12   pt

Length:

120 mm

12. Select the Position tab.
13. Set Anchor point of the mark to top left.
14. Set the Reference to Image Block.
15. Set Horizontal value to 0 mm Right of Left Edge.
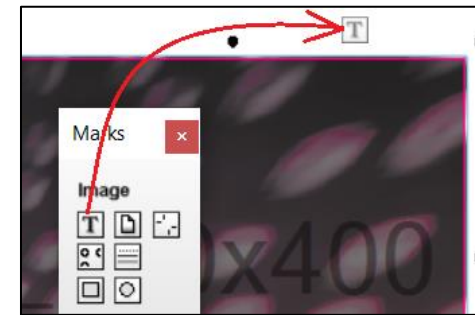16. Set Vertical value to 4 mm Below Bottom Edge.

T $job.name sheet:$sheet.name count:$s...

| Attributes | Position | Conflicts | Special |

Mark   Anchor point:

Target

Reference:

Image Block

Horizontal: 0 mm

Right of   Left Edge

Vertical: 4 mm

Below   Bottom Edge

17. Zoom in to the mark.
18. The variable $sheet.run_length is resolved into 4. This means the sheet must be printed 4 times.
19. This is because the sheet contains an image with the requested copy count of 4.

```
Asanti Visual 390x250 sheet:1 count:4
```
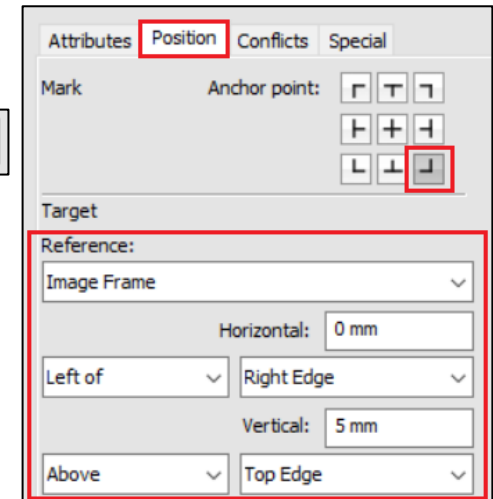
4. Add an Image Text Mark

1. From the Marks Palette, drag an Image Text Mark above the top right side of product Disco_ball_600x400.pdf.
2. While dragging the mark, the color of the product changes, to indicate that the mark will be placed for this specific product.
3. In the interactive marks editor > Attributes tab, click in the Text field.
4. Remove the text in the Text field and add the text:
   $image.document_name page:$image.document_page
   actualcount:$image.copy_count_actual
   requested:$image.copy_count_requested
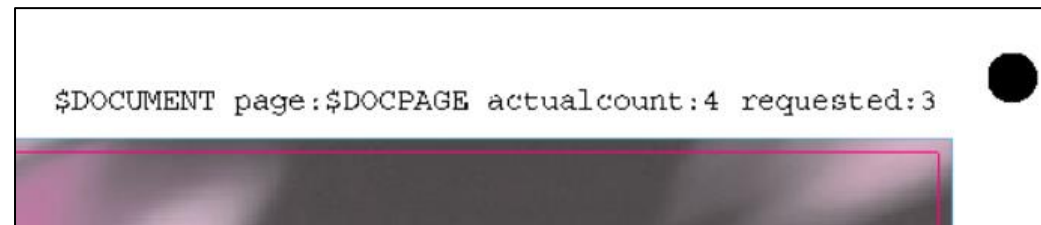
> $image.document_name page:$image.document_page actualcount:$image.count_actual requested:$image.copy_count_requested

5. Click the Position tab.
6. Set the Anchor point of the mark to right bottom.
7. Set Horizontal 0 mm Left of Right edge.
8. Set Vertical 5 mm Above Top Edge.
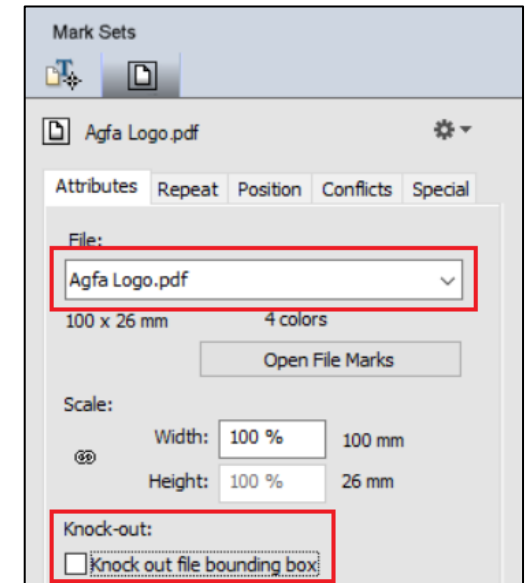9. Zoom in to the mark.

- The requested image copy count is set to 3 because 3 copies where requested for this product.
- The actual count is set to 4 because the sheet will be printed 4 times. It will be printed 4 times because the other product on the same sheet has a requested copy count of 4.

The other variables $image.document_name and $image.document_page are only resolved when they are rendered.

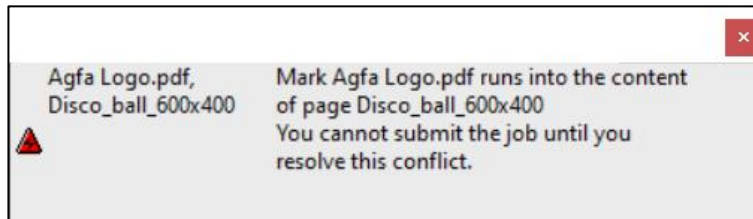$DOCUMENT page:$DOCPAGE actualcount:4 requested:3
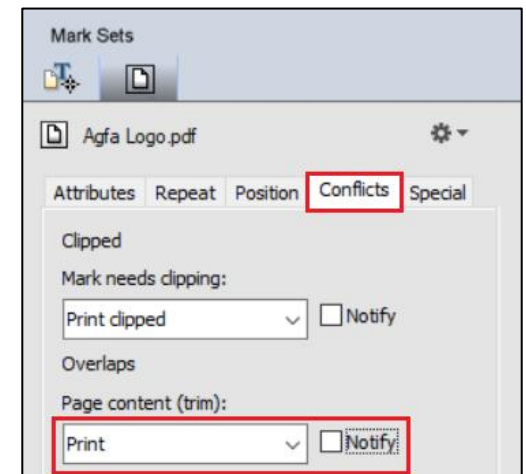
5. Add an Image File Mark on top of a product

1. Drag an Image File Mark to the bottom left side of the product Disco_ball_600x400.pdf.
2. In the interactive marks editor > Attributes tab, select the file Agfa Logo.pdf.
3. Uncheck Knock out file bounding box. This will make areas without content inside the mark transparent.

4. Select Window > Show Snag List. The Snag List shows an error: The mark runs into the content of an image.
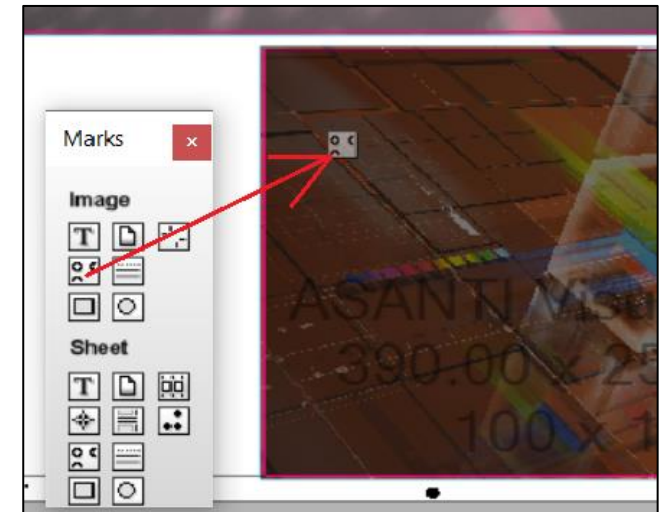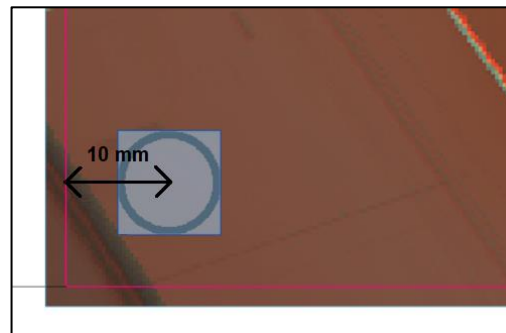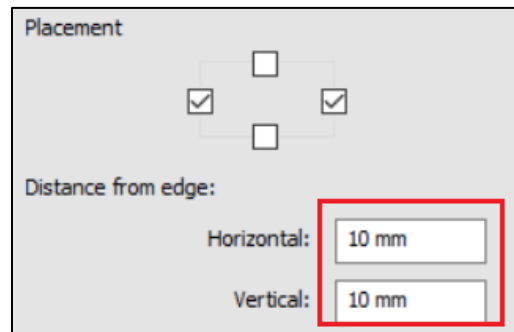

5. Close the Snag List.
6. Select the interactive marks editor > Conflicts tab.
7. Set Page content to Print.
8. Uncheck the Notify checkbox.
9. The error is removed from the snag list.

6. Add Grommets

1. From the Marks Palette, drag an Image Grommet Mark to the product ASANTI Visual 390x250.pdf.
2. Select the interactive marks editor > Attributes tab.
3. Set the Horizontal and Vertical Distance from edge e.g. to 10 mm (= distance frame − circle center). Click the tab key to apply the change.
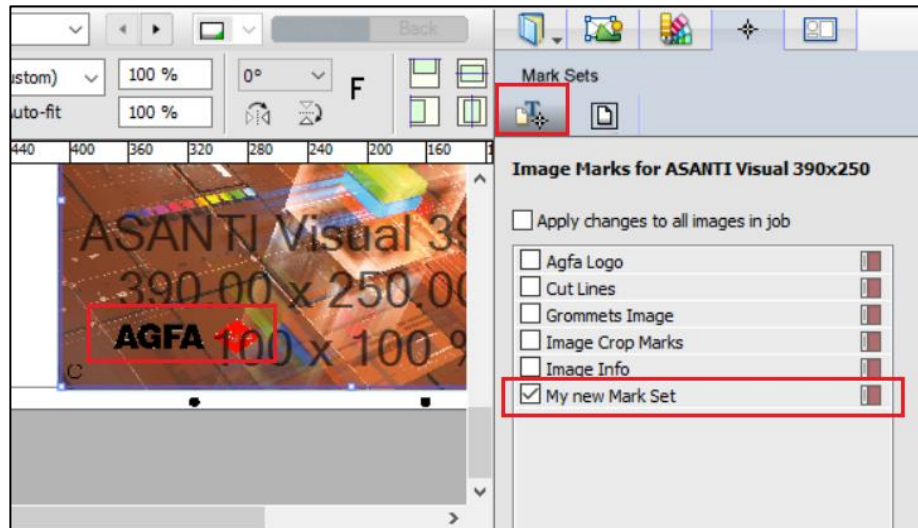

7. Add a manually placed Mark to a Mark Set

1. On Sheet 1, select (use the ▸ selection tool) the Agfa logo that is placed on the product Disco_ball_600x400.pdf (first click on the mark selects the image, click twice to select the mark).
2. In the interactive marks editor, click the cog-wheel > Add to Mark Set > New... .
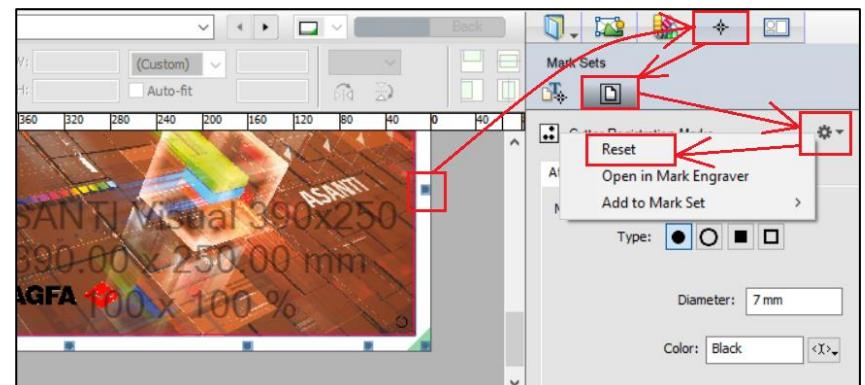3. Enter a name for the mark set and click ok.

4. On Sheet 1, select the product ASANTI Visual 390x250.pdf.
5. In the marks set inspector, click the first tab.
6. Select your new mark set.
7. ASANTI Visual 390x250 now also shows the Agfa Logo.

8. Reset a Mark

1. On Sheet 1, select (use the [icon] selection tool) one of the Cutter Registration Marks.
2. In the interactive marks editor, click the cog-wheel > Reset.
3. The mark set is reset to the settings in the original mark set (5 dots per sheet for the Zünd mark set).
4. Click Ctrl-z to re-apply the changes.
   - The Reset command can only be used to reset adjusted Mark Sets. It can not be used to reset manually placed marks via the Marks Palette.

9. Re-apply Marks

1. Select Sheet > Reapply All Mark Sets in Job.
   - Marks that are manually placed using the Marks Palette are not touched (the Sheet and Image Text Marks).
   - Marks placed via a condition (the Cutter Registration Marks) are reset to the settings in the original mark set (5 dots per sheet for the Zünd Mark Set).
   - The Agfa Logo is removed from the images because it is included in a Mark Set and this Mark Set was enabled manually. This Mark Set has no condition to place it automatically for this job.

10. Manually remove Marks

1. On Sheet 1, select (use the ▶ selection tool) one of the Cutter Registration Marks.
2. All dots for this Mark Set are selected.
3. Click the Delete-key.
4. All dots for this Mark Set are deleted.
5. Undo (Ctrl-z).
6. On Sheet 1, select (use the ▶ Segment selection tool) one of the Cutter Registration Marks.
7. Only one dot of this Mark Set is selected.
8. Click the Delete-key.
9. One dot is deleted.
10. Submit the job > Print Files: Hold and Cut Files: Make and send to cutter.

File	Edit	Arrange	Sheet	View	Window	Help	
			Auto Layout Products...				Ctrl+N
			New Empty Sheet				Ctrl+Shift+N
			Duplicate Sheet				
			Create Back Side...				
			Delete Current Sheet				
			Delete Sheets...				
			Delete Empty Sheets				
			Rearrange Frames				Ctrl+Shift+F
			Rearrange All Frames in Job				Ctrl+Alt+Shift+F
			Reapply All Mark Sets in Job				Ctrl+Shift+M