

Printing multiple Sheets with ABF on Anapurna

This tutorial demonstrates how to print on multiple boards with Asanti to an Anapurna 2500(i) using a semi-automatic Board Feeder (ABF). It contains an addendum on the Anapurna 2050(i) because this ABF requires a special treatment in Asanti.

Hotfix A9.64.0_HF_64_700252_Essential_Fixes_1 and Asanti client 1.64.26 are required for this tutorial.

The semi-automatic board feeder allows the user to align multiple boards in one row for the next print run while the Anapurna is busy printing. The user will initiate the belt to transport these boards automatically when the previous print run has finished.

(Alignment Pin Sets for Jeti Tauro is handled in a different Tutorial.)

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

Download the Alignment Pin Sets via the Asanti Client (Help > Asanti Online > Download additional resources).

There you find the page "Latest Asanti v2.0 Updates, Clients and Resources":

<https://asanti.agfa.net/contents/KnowledgeBase/Asanti/RIP-inkjet/Downloads/Asanti-2.0-Latest-Updates-Clients-Resources.html?ref=kbsearch>

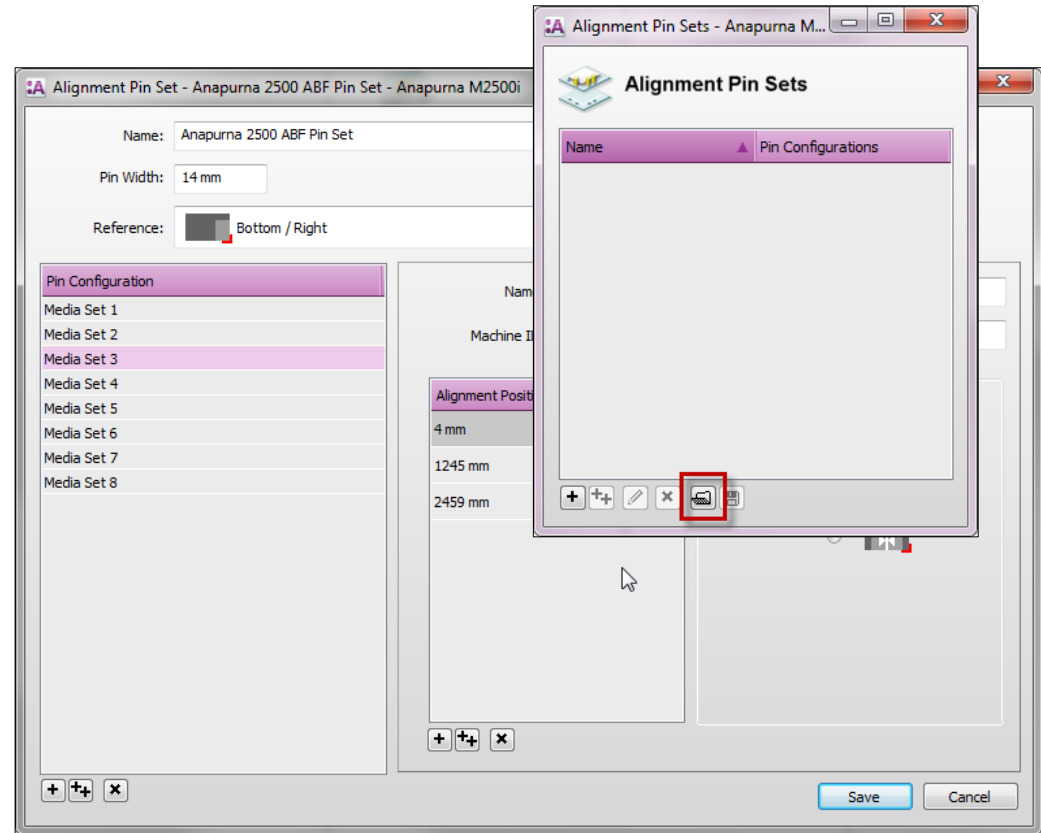
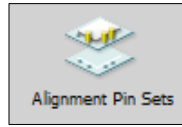
1. Using a semi-automatic board feeder on Anapurna 2500 (Alignment Pin Sets)

The semi-automatic boardfeeder allows the user to place the boards in the correct positions for the printer in a single row; the boards will be conveyed to the printer by the user when it is ready for printing. The board feeder for Anapurna 2500(i) is configured with 8 fixed pin positions. These need to be imported upfront in Asanti and can be selected easily afterwards for every job.



Consult the Automatic Board Feeder Operation manual for the supported sheet sizes.

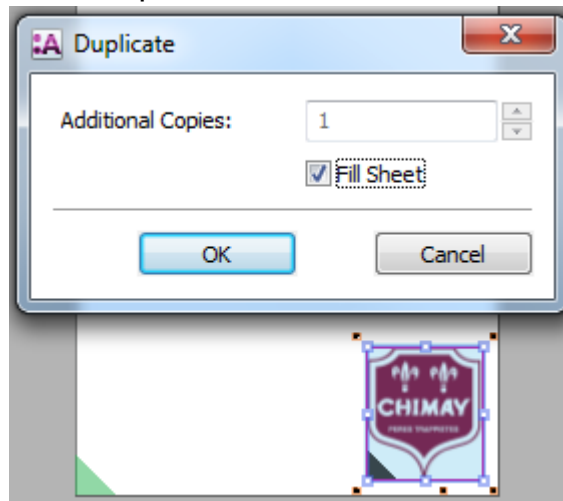
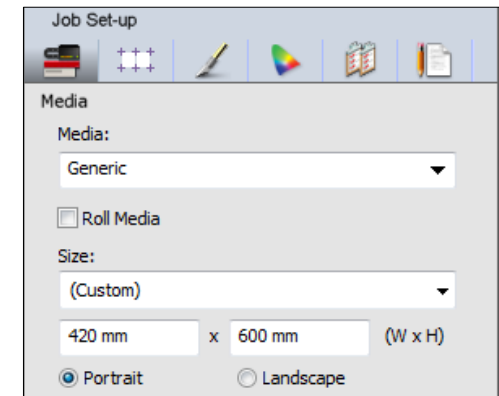
1. In the System Overview: select the Anapurna 2500(i).
2. Open the Alignment Pin Sets Resource.
3. Click the Import button.
4. Browse to the Media Set Pin Configurations you downloaded from the Asanti Network.
5. Click open to import the Alignment Pin Set for Anapurna 2500(i).
6. Open the Alignment Pin Set. It contains 8 Media Sets. Pin width = 14 mm.



When sheets end up a little misaligned you can measure the position of the side of the sheet with the front set bar and adapt the position in the Pin Configuration. Convey the sheets to the Anapurna and use the ruler on the set bar to measure the board position. Adapt the position setting in the Alignment Pin Set. For double sided pins, the position is the position that is closest to the 0-point of the engine (Lowest value). The red corner is the 0-point of the printer as seen when standing on front of the Anapurna.

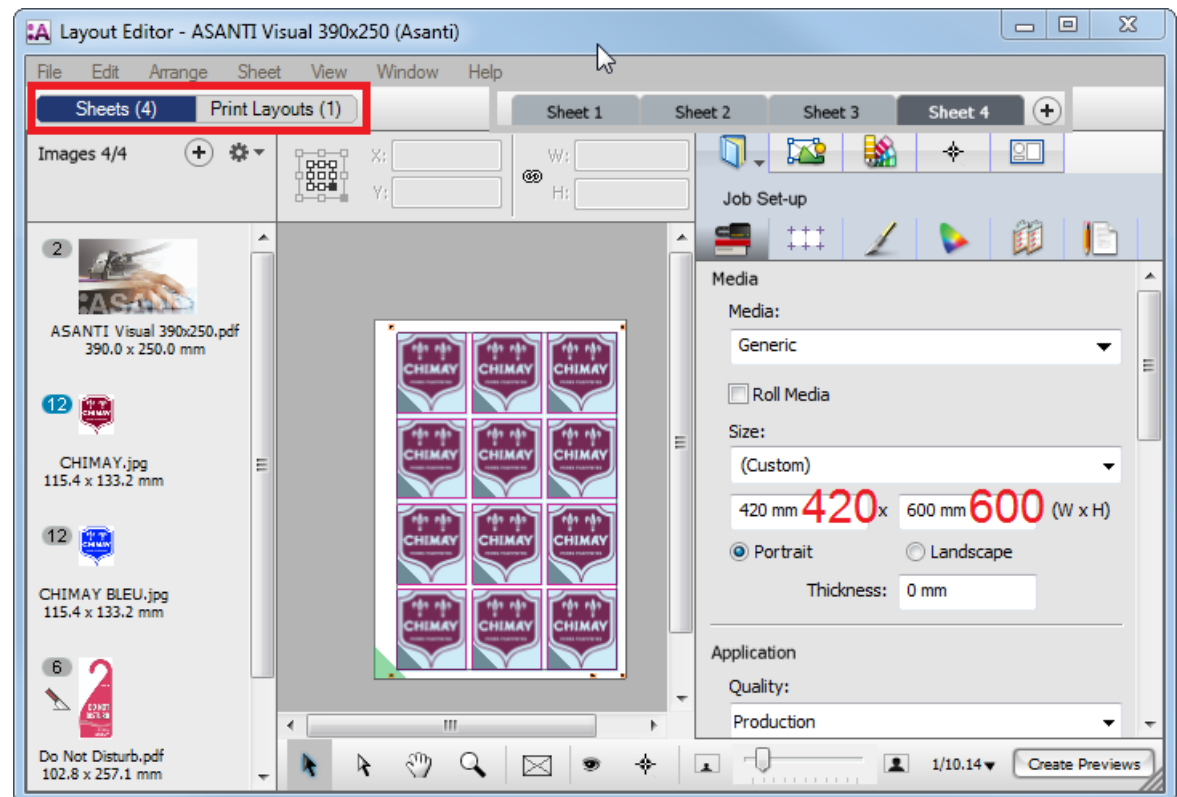
7. Close the Alignment Pin Sets Resource window.

8. In the Jobs window of the Client: File>New Layout Job.
9. Select the Anapurna 2500(i).
10. In the Job Set-up, Media Inspector: create a custom Sheet size of 420 mm Width and 600 mm Height.
11. In the Finishing Inspector: Set “Zünd” as Cutter and “ICut corner Marks, between 10” as Finishing Margins.
12. In the Images Panel: Import following Asanti sample files: “ASANTI Visual 390x250.pdf”, “CHIMAY BLEU.jpg”, “CHIMAY.jpg” and “Do Not Disturb.pdf”.
13. Drag the “ASANTI Visual 390x250.pdf” image to the Sheet twice to fill the 1st sheet.
14. Fill 3 other sheets with the 3 other files by Context Click on the frame>Duplicate Frame on Sheet: Fill Sheet.

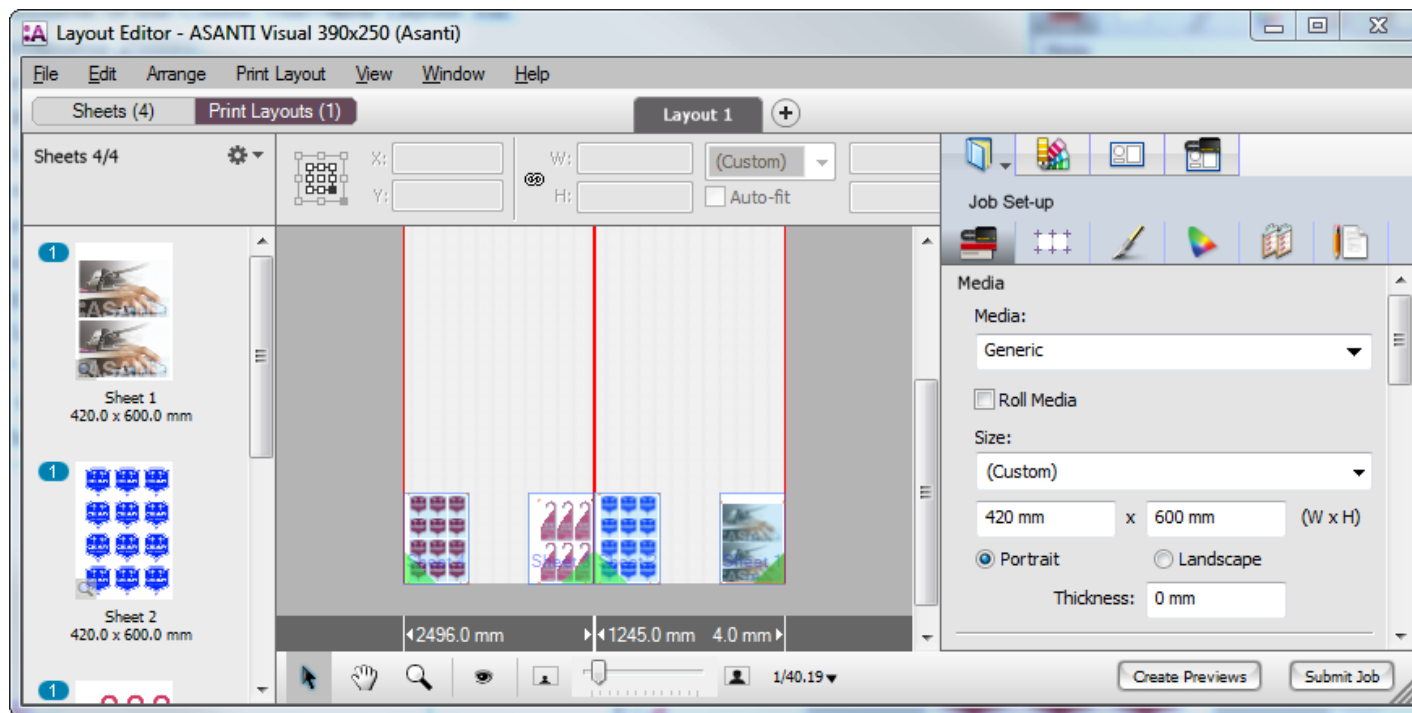
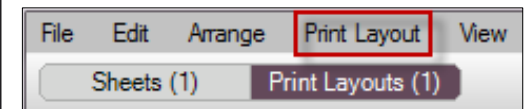
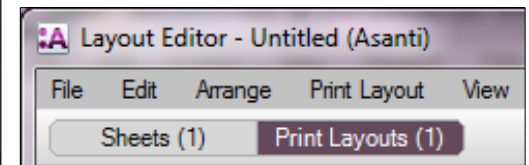
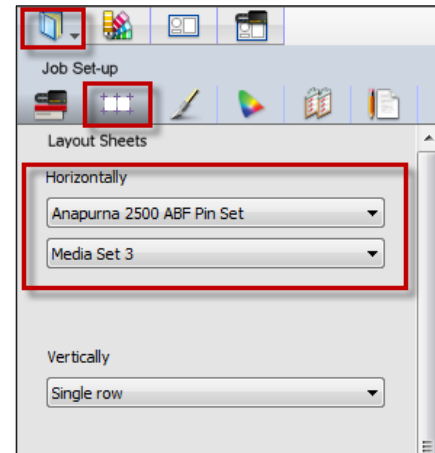


15. You should now have 4 different sheets.

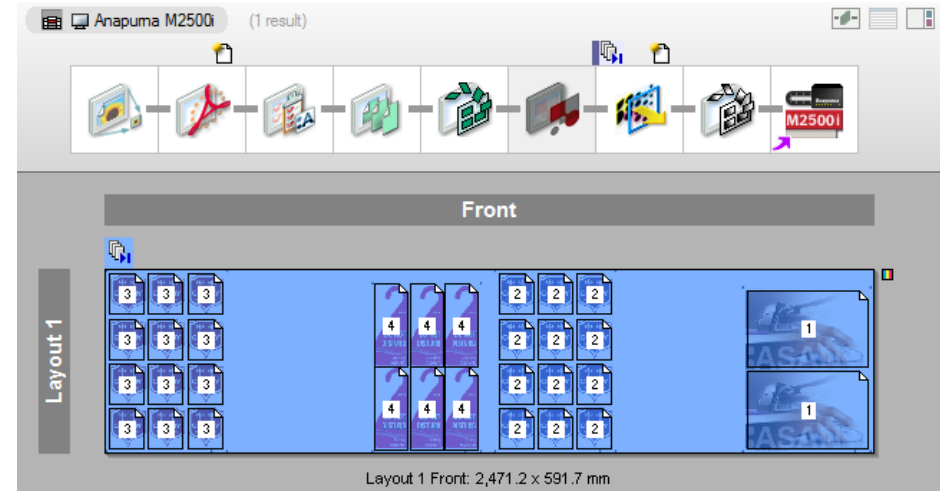
In 1 job only sheets of the same size are supported.



16. In Job Set-up>Layout Sheets Inspector: Select the “Anapurna 2500 ABF Pin Set” from the first drop down list.
17. Select “Media Set 3” from the second drop down list.
18. Go to the Print Layouts View by clicking the tab. The sheets are not positioned yet according to the new rule.
19. From the Print Layout menu>Delete Print Layouts...
20. Click “Delete All”.
21. Select all sheets in the Sheets Panel and drag them to the Print Layout.
22. They are placed on 1 Print Layout aligned to the selected pins.



23. Submit the job, Make and hold.
The Render will create 1 Print Layout; 4 boards need to be positioned on the ABF while Media Set 3 is selected on the ABF.



Semi-automatic board feeders can only align horizontally. The “Vertically” drop down should have “Single Row” selected at all times in the Job Set-up>Layout Sheets Inspector.

2. Using a semi-automatic board feeder on Anapurna 2050 (Alignment Pin Sets)

APR-69742: With default configuration the most left pin for Anapurna 2050(i) is not used.

The Anapurna 2050(i) configuration needs to be enlarged to 2065 mm to use the Media Sets 1 and 2. Ask a service technician to do so if you need to use the ABF for the Anapurna 2050(i). If the configuration is not adapted the farthest pin will not be used.
