


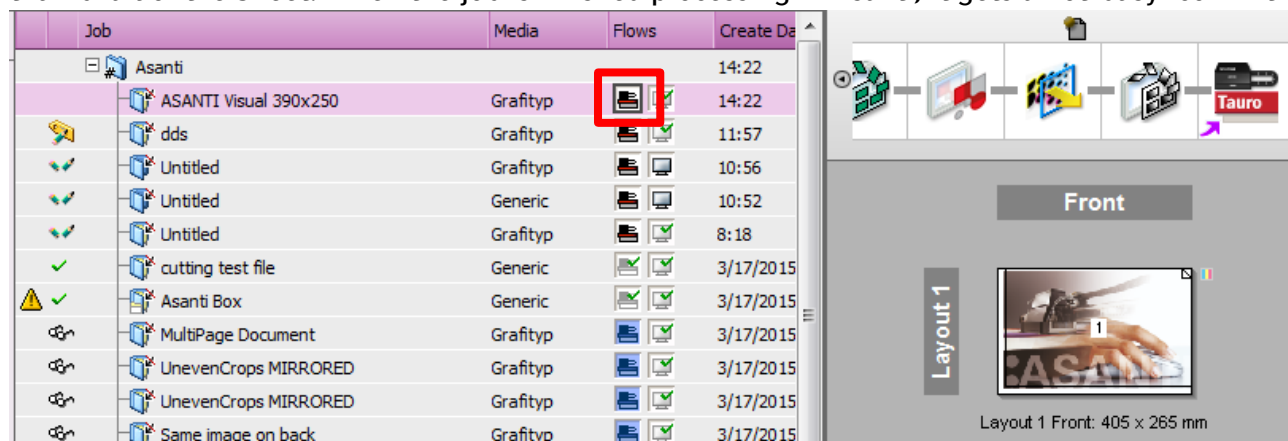
This tutorial demonstrates how to print jobs to a Tauro printer.

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












1. Print a job to Tauro

1. Create a new Layout Job.
 - a. Select Printer: Jeti Tauro H 2500.
 - b. Select a Media e.g. 500x500mm.
 - c. Select a quality.
 - d. Select Finishing Margins "iCut Corner Marks, between 10".
2. Import image e.g. "ASANTI Visual 390x250.pdf".
3. Place the image to the Sheet.
The image is positioned in the lower left corner of the Sheet.
4. Submit job > Print Files: Make and send to printer.

- When a Print Layout has finished processing in Asanti, it shows a rendered icon  in the Jobs window results tab next to the thumbnail of the Sheet. When the job is finished processing in Asanti, it gets a not-busy icon in the Jobs list.



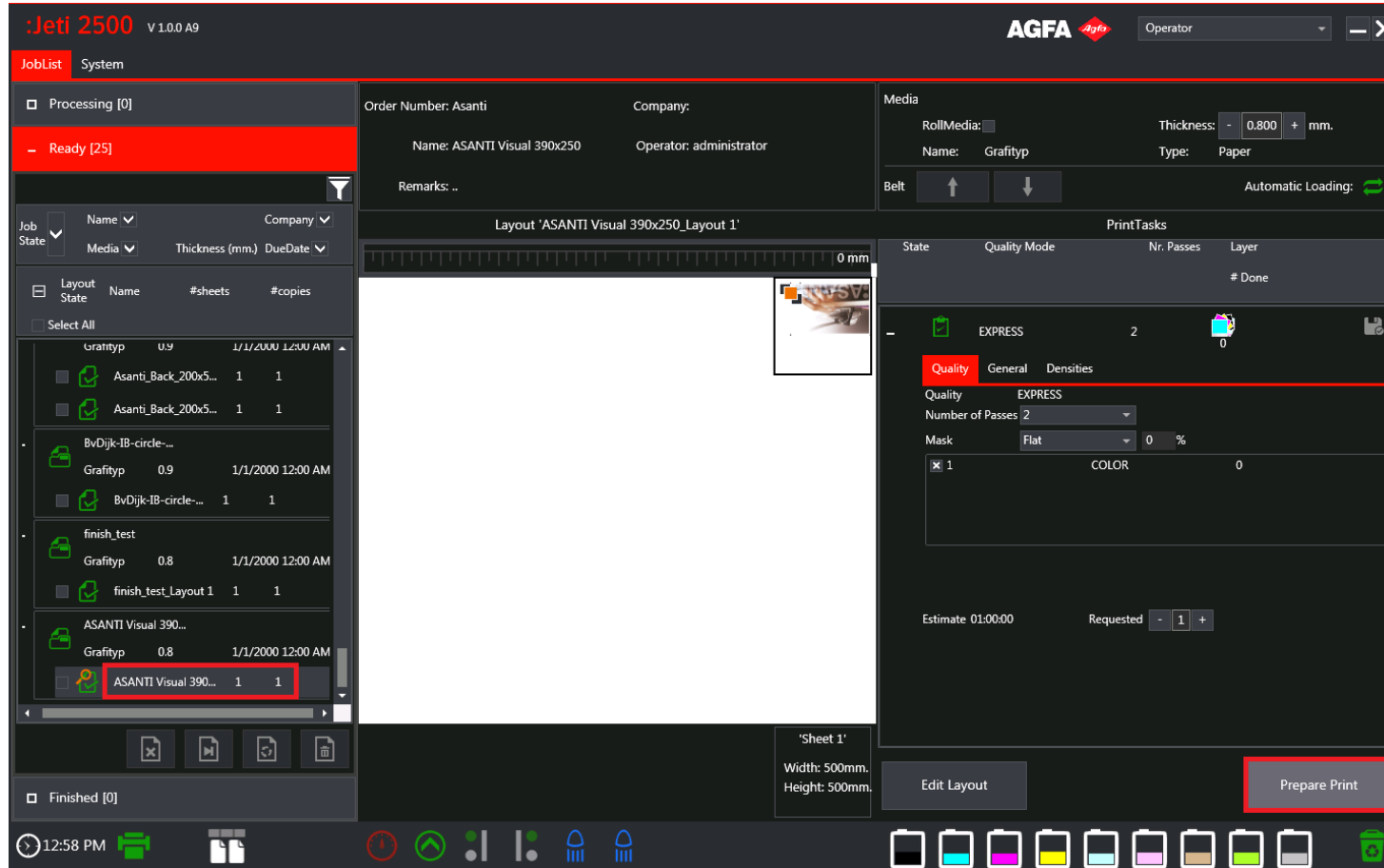
The screenshot displays the Asanti software interface. On the left, the 'Jobs' window shows a list of jobs with columns for Job, Media, Flows, and Create Date. The job 'ASANTI Visual 390x250' is highlighted, and its 'Flows' column contains a rendered icon (a small image of the job) which is circled in red. To the right, the Tauro GUI is visible, showing a 'Front' view of a layout with a thumbnail of the job and the text 'Layout 1 Front: 405 x 265 mm'.

Job	Media	Flows	Create Date
Asanti			14:22
ASANTI Visual 390x250	Graftyp		14:22
dds	Graftyp		11:57
Untitled	Graftyp		10:56
Untitled	Generic		10:52
Untitled	Graftyp		8:18
cutting test file	Generic		3/17/2015
Asanti Box	Generic		3/17/2015
MultiPage Document	Graftyp		3/17/2015
UnevenCrops MIRRORED	Graftyp		3/17/2015
UnevenCrops MIRRORED	Graftyp		3/17/2015
Same image on back	Graftyp		3/17/2015

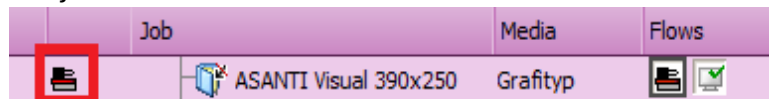
- The job shows up in the Tauro GUI JobList "Ready" queue.

5. In the Tauro JobList, click on the Layout to see its thumbnail and settings.

- Click Prepare Print and print the job.

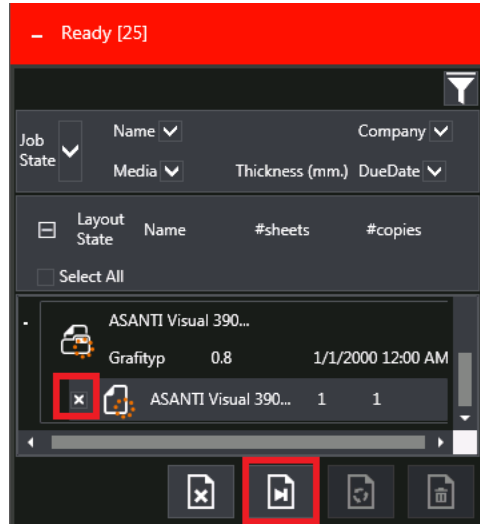


The Asanti Client shows an icon that the Tauro is busy printing the job.

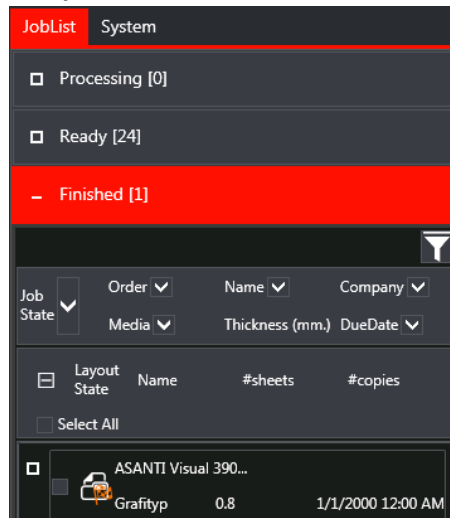


- After the job is printed, in the Tauro GUI Ready queue, enable the checkbox next to the Layout.

8. Click Finish.



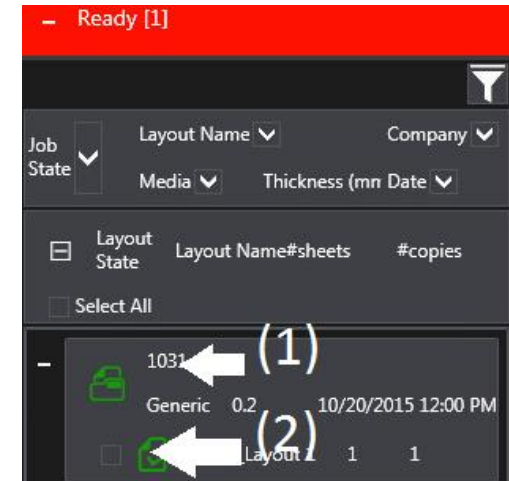
The job is moved to the Tauro GUI Finished Queue.



The Asanti job gets a finished state.

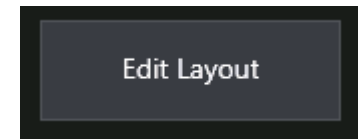
2. Edit an existing job in Asanti client

- In Asanti client, double click a job that is already sent to the Tauro GUI.
- Make a change e.g. rotate the image on the sheet.
- Submit job > Print Files: Make and send to printer.
- Wait until all processing is done in Asanti.
- To update the thumbnail of the job in the Tauro GUI, click the job name (1) and click the layout name (2) again.



3. Edit a Layout Job from Tauro GUI

Select a Layout in Tauro GUI and click the “Edit Layout” button. This opens the Layout in Asanti client Layout Editor. The Asanti client should be running (Minimized) on the Tauro PC before you click this button.

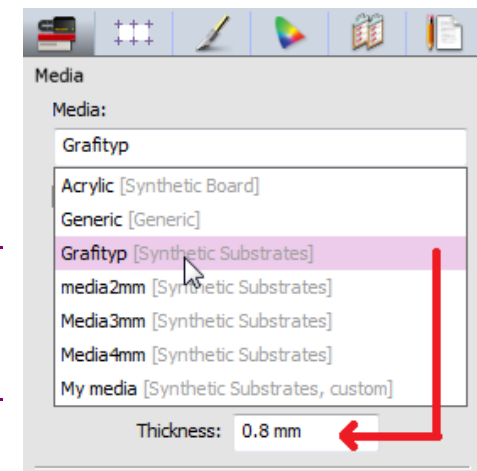


4. Media Thickness


1. Use default Media Thickness in a job

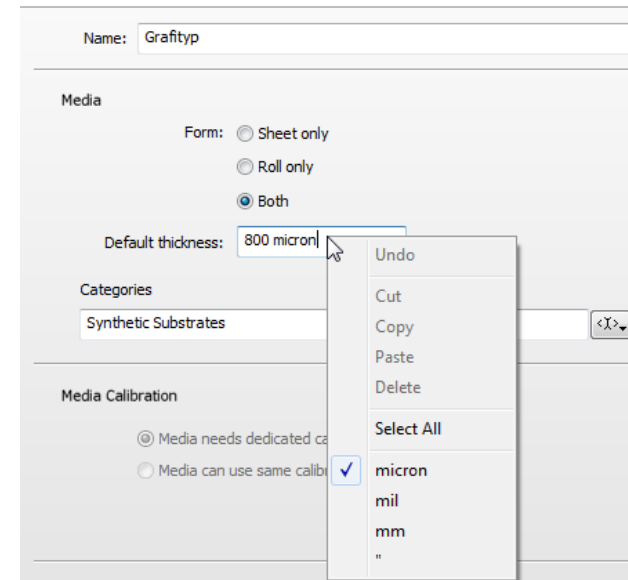
- Layout Editor>Media Inspector.
- Select Media in the Media drop down. This will fill in the default Thickness for this Media in the Thickness field.

When creating a new Layout Job, the Thickness will be set the same as the previously submit job. This value could be different from the default Media Thickness. To get the default Media, reselect the Media in the Media drop-down.



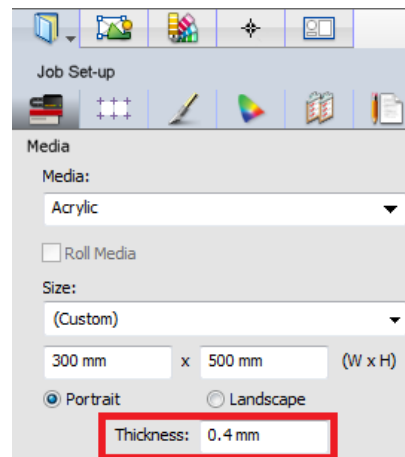
2. Setup default Media Thickness

- Go to the Media Hub, select Jeti Tauro H 2500 in the Printers list.
- Select a Media in the Media column.
- Click  to unlock the settings.
- To change default units, context click in the Thickness field, choose the wanted units.
- Enter the default Thickness for the current Media.
- Click the lock icon to save the changes.



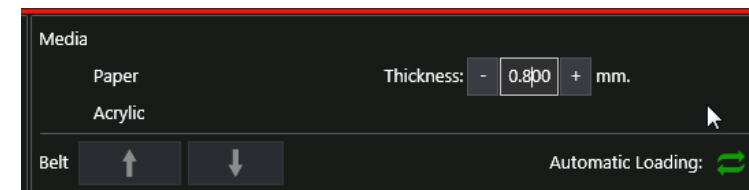
3. Set Thickness at Asanti job level

- Create a new Layout Job.
- Select the Media Inspector.
- Change the Thickness value.



4. Set Thickness in Tauro GUI

- The Thickness value is for each job sent by Asanti to Tauro.
- The Thickness is visible in the Tauro GUI **Media** section
- CAN be overwritten in Tauro GUI.



5. Printer Parameters

There are 2 types of Printer Parameters: Media Parameters and Print Mode Parameters.

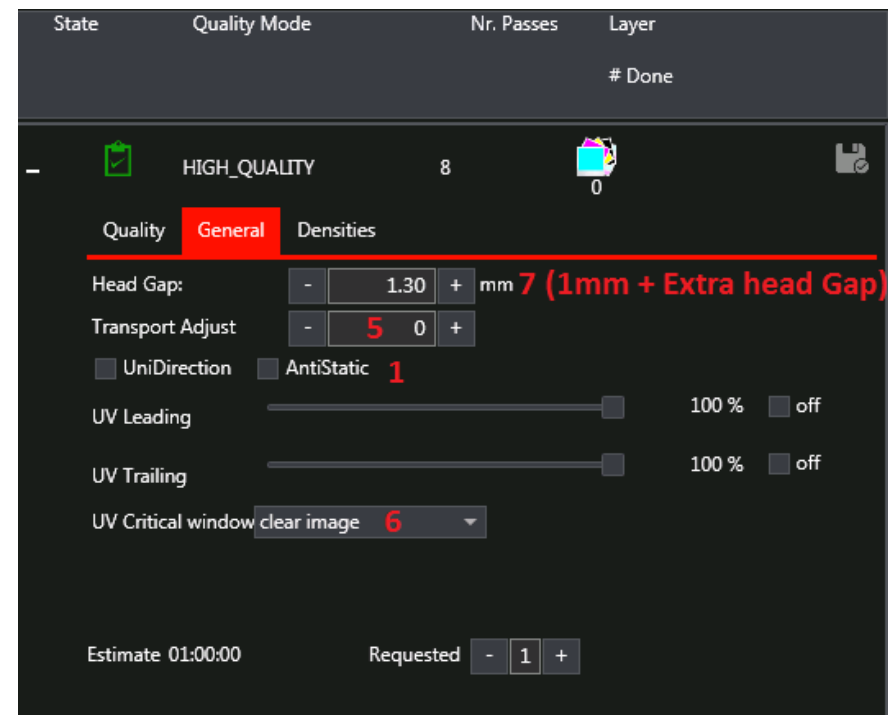
Media Parameters

The following Media Parameters can be set in Asanti:

	Asanti setting	Tauro setting
1	Anti-static	AntiStatic
2	Input Roller Bar	UseInputClamping (not visible in GUI)
3	Output Roller Bar	UseOutputClamping (not visible in GUI)
4	Media Sensitive to heat	IsHeatSensitive (not visible in GUI)
5	Transport adjustment	Transport Adjust
6	Turn shuttle Outside of	UV Critical Window
7	Extra Head Gap	Extra Head Gap

Media Parameters can be set at the following levels:

- Tauro task processor configuration (Service Mode only)
- Media Hub>Media Category
- Media Hub>Media
- Asanti job Layout Editor
- Tauro GUI



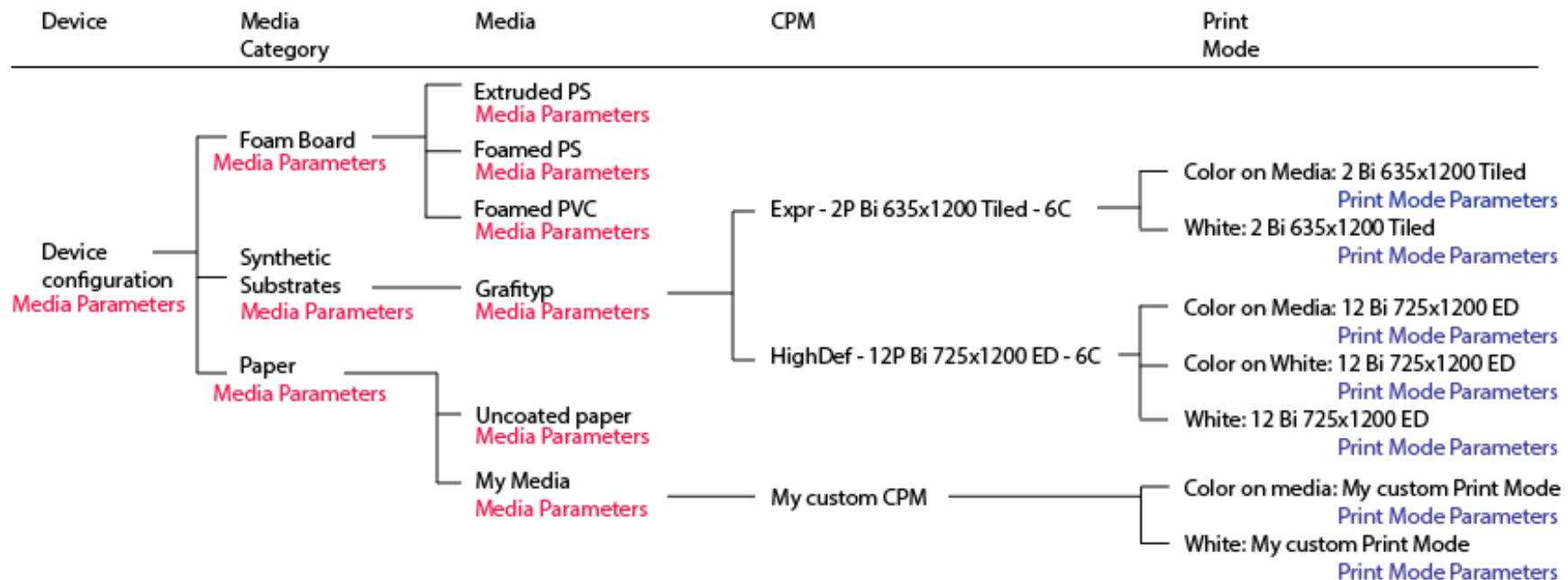
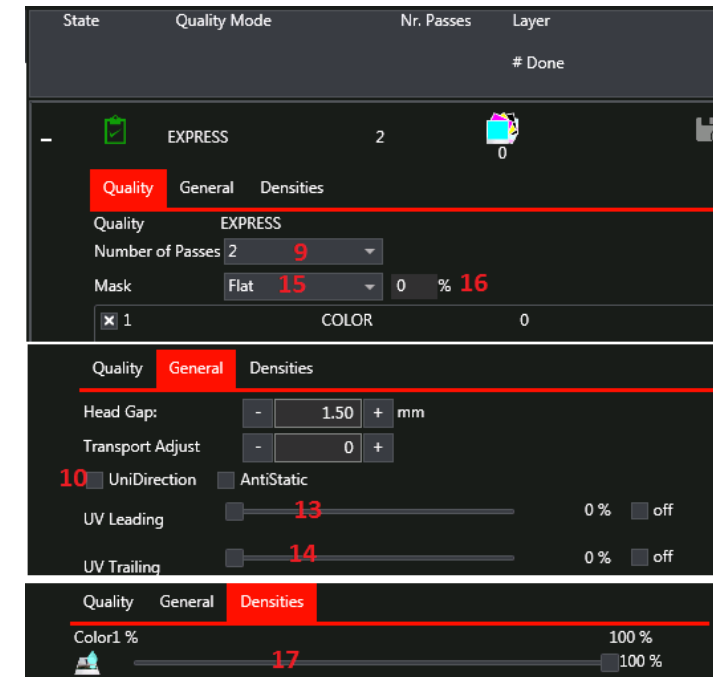
Print Mode Parameters

The following Media Parameters can be set in Asanti:

	Asanti setting	Tauro setting
8	Resolution	Resolution (not visible in GUI)
9	Number of passes	Number of passes
10	Direction (uni/bi)	Unidirection
11	Screener	Screener (not visible in GUI)
12	Droplets per dot	Droplets per dot (not visible in GUI)
13	UV Leading	UV Leading
14	UV Trailing	UV Trailing
15	Masking Mode	Mask
16	Mask	Mask value
17	Print Density	Densities

Print Mode Parameters can be set at the following levels:

- Print Mode resource Asanti (Service Mode only)
- Asanti job Layout Editor
- Tauro GUI



1. Printer Parameters at Job level

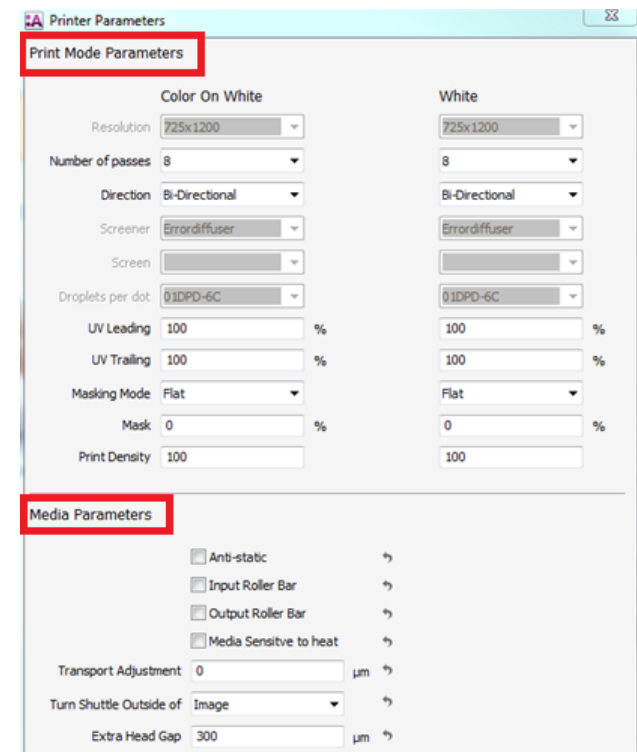
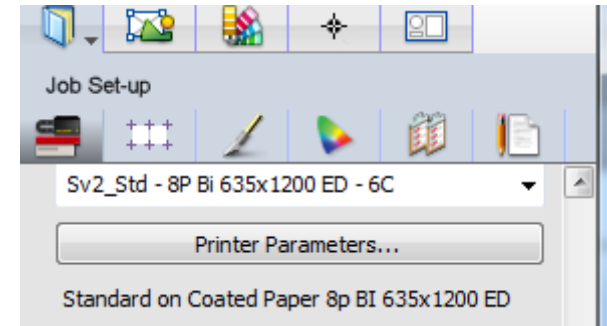
- To view/change job Printer Parameters: Media Inspector> click button “Printer Parameters...”
- When creating a new Layout Job, the Print Mode settings are not taken from the previous job. Instead the lookup is done again from the CPM and Media.
- Printer Parameters are not saved in the Job Set-up pre-sets



- Printer Parameters at job level are reset if
 - Another CPM is selected
 - You reselect the CPM in the CPM drop-down list
 - You enable/disable white checkbox in Media Inspector

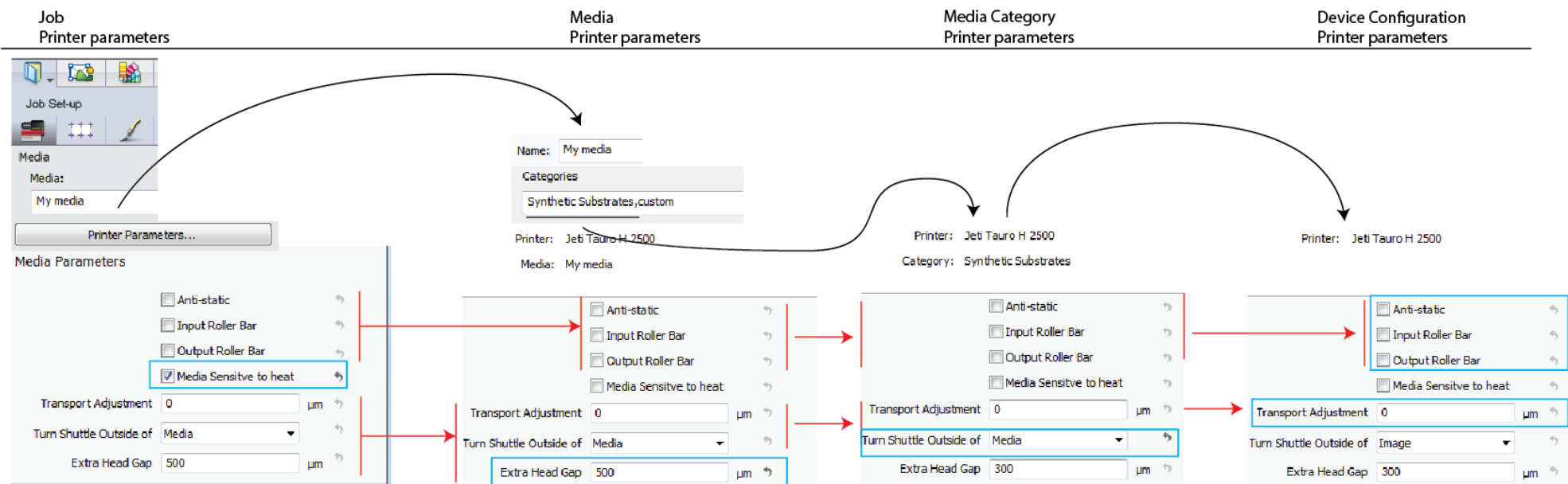
Print Mode settings

- By default Print Mode Parameters are taken from the Print Mode in the CPM, it is however possible to change some of the Print Mode Parameters at job level.
- If White/Varnish/Primer is enabled in the job, the Printer Parameters window allows you to enter different Print Mode Parameters for each combination.





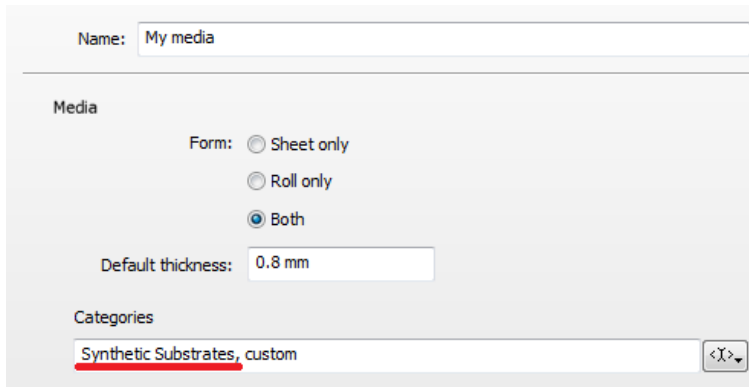
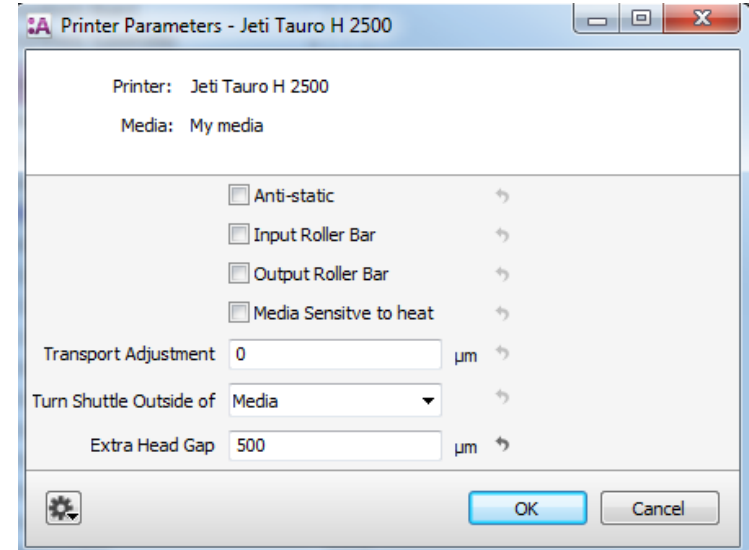
Media Parameters

- The Media Parameters shown in the job are the ones that are sent to the Tauro.
- When a gray arrow icon is shown next to a parameter, the parameter is set the same as in the **Media** Printer Parameters.
- When a black arrow icon is shown, the parameter is set differently from the Media Category Printer Parameters
- When you click the black arrow, the parameter is reset to the same as in the **Media** Printer Parameters.
- The following overview shows an example of where the Media Parameters in a job are taken from:




2. Media Parameters on Media level


- System Overview>Jeti Tauro H 2500>Media Hub
- Select Media, click  to Unlock the settings
- On the right side of the Media Hub, in the Printer Parameters section, click the button “Adjust...”
 - When a gray arrow  icon is shown, the parameter is set the same as in the **Media Category** Printer Parameters. When a Media has 2 Media categories filled in, the Media Parameters from the first Media Category are referred to.

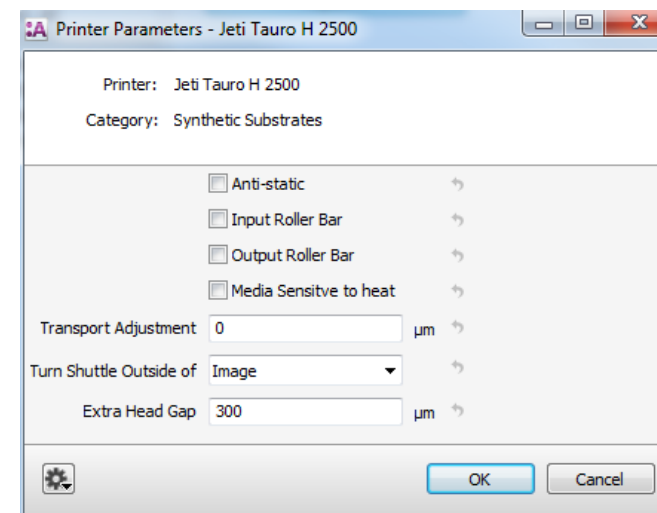



If Media Category field is empty and parameter has a gray arrow: take values from device configuration settings.

- When a black arrow  icon is shown, the parameter is set differently from the Media Category Printer Parameters.
- When you click the black arrow, the parameter is reset to the same value as in the Media Category Printer Parameters.
- The following parameters can be changed on Media level: See above screenshot.

3. Media Parameters on Media Category level

- System Overview>Jeti Tauro H 2500>Media Hub.
- Select Media Category, click  to unlock the settings.
- On the right side of the Media Hub, in the Printer Parameters section, click the button “Adjust...”
 - When a gray arrow icon is shown, the parameter is set the same as in the device Printer Parameters.
 - When a black arrow icon is shown, the parameter is set differently from the device Printer Parameters.
 - When you click the black arrow, the parameter is set the same as in the device category Printer Parameters.
 - The following parameters can be changed on Media Category level: See screenshot.

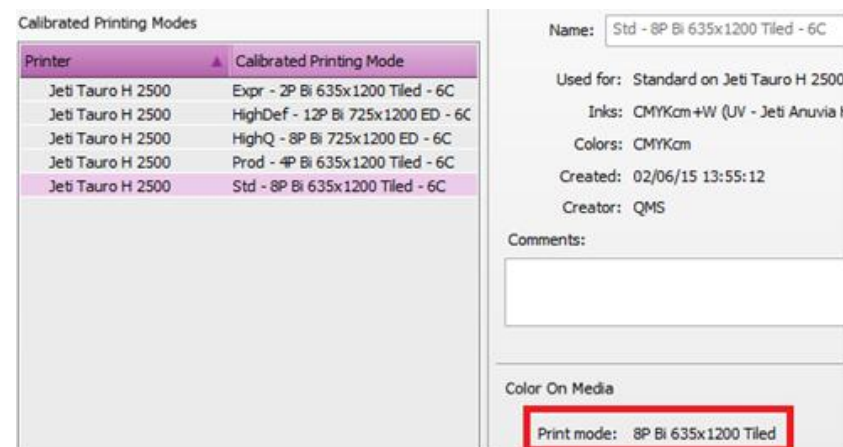


4. Print Mode Parameters on CPM level

Print Mode Parameters of a CPM are included in the Print Modes used by the CPM.

View used Print Mode

- Open System Overview > Jeti Tauro H 2500 > Media Hub
- Select a CPM
- In the right pane the used Print Modes are shown.



Change Print Mode existing CPM

- This must be done by a Service technician.

Choose Print Mode when create a new CPM

- Create a new CPM.
- In the “Choose CPM parameters” select the required Print Modes.

CPM Creation Wizard -

Step 1: Choose CPM Parameters

1: Create new CPM for:

Printer: Jeti Tauro H 2500

Media: My media

Quality: Express

2: Select existing CPM on which to base the new one: ☐ Show Agfa certified CPMs only

CPM	Media	On Media	On White	Creator
Expr - 2P Bi 635x1...	Grafityp	2P Bi 635x1200 Tiled		QMS
My custom CPM	My media	2P Bi 635x1200 Til...		CPM Wizard

3: Set supported print modes for the new CPM:

☒ Support printing color on media

☐ Support printing color on white

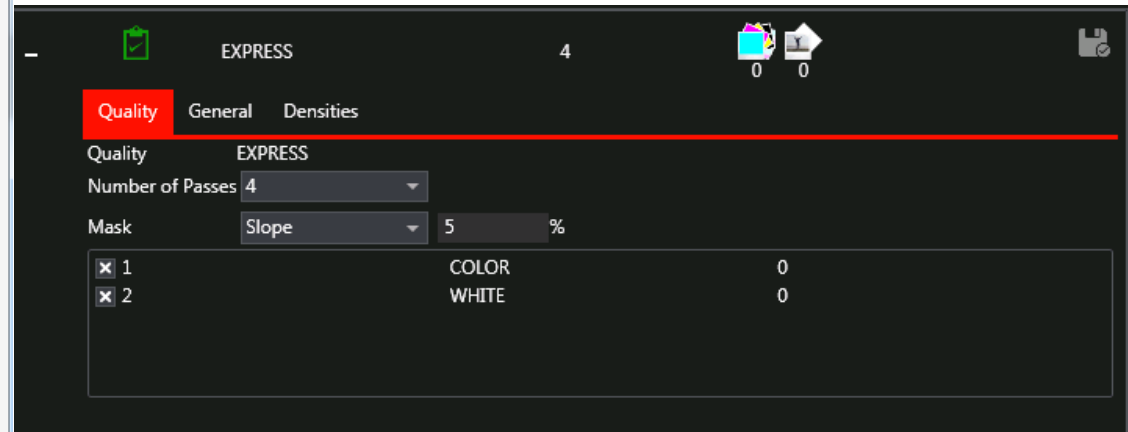
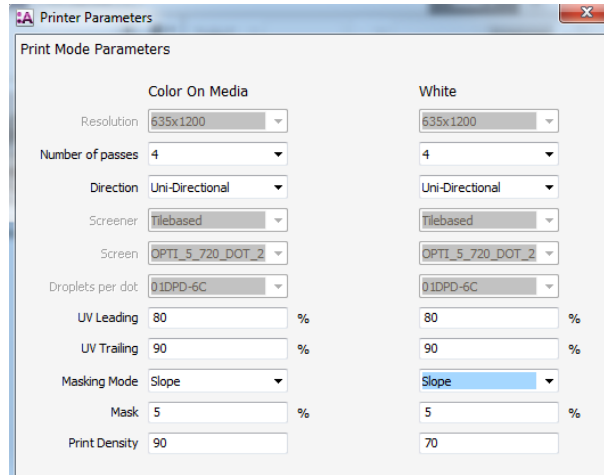
Printing Mode: 2P Bi 635x1200 Tiled

PST/Profile:

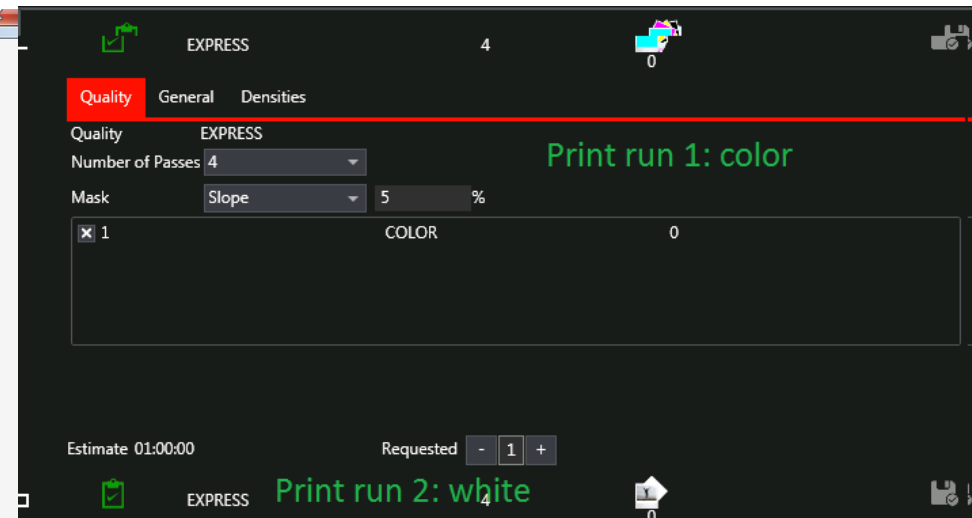
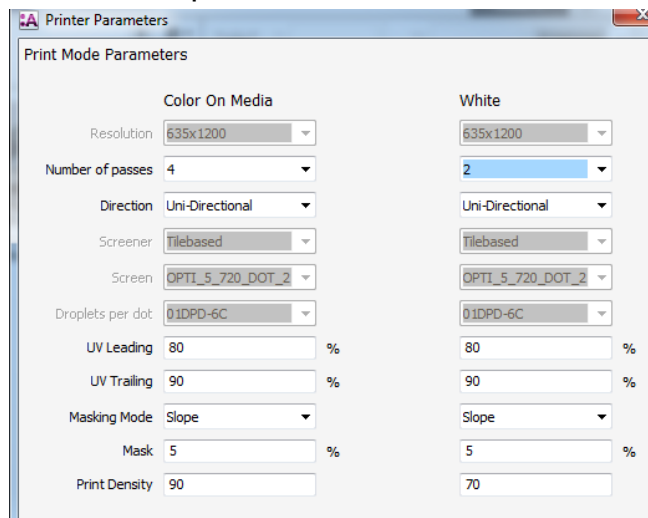
TAC:

5. Different Print Mode for color and for white/Primer

- When Print Mode settings: Number of passes, Direction, UV Leading, UV Trailing, Masking Mode, Mask is set equal for color and for white/Primer, 1 print run is created in Tauro GUI with color and with white. Color and white can be printed in this case in 1 print run.

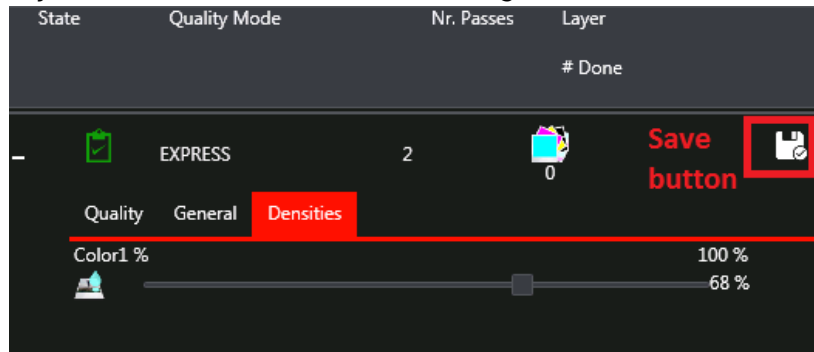


- When one of the Print Mode settings: Number of passes, Direction, UV Leading, UV Trailing, Masking Mode, Mask is set different for color and for white/Primer, 2 print runs are created in Tauro GUI. One for color and one for white. Color and white cannot be printed in this case in 1 print run.

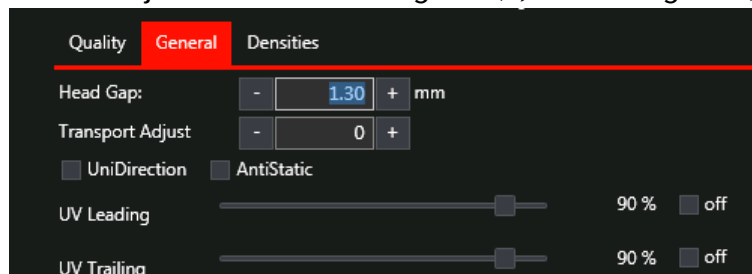


6. Printer Parameters in the Tauro GUI (job by job)

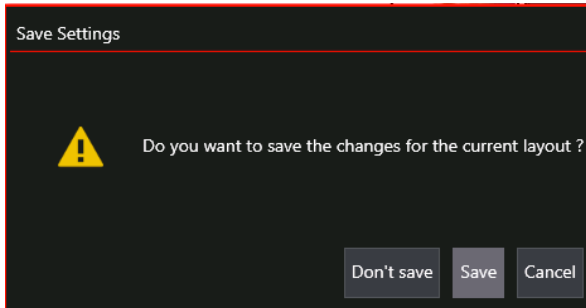
- Select a job in Tauro
- Change a setting
- When you click another job or if an update for this job comes in, the GUI will ask to save the new setting.
- If you click the save button the setting will also be saved.



- When change a value in Tauro GUI job, this single printer parameter setting will never be overwritten anymore for this job by Asanti.
 - New Layout Job
 - Click Media Inspector>Printer Parameters
 - Set UV Leading to 90%, UV Trailing to 90% and click OK.
 - Import image e.g. ASANTI Visual 390x250.pdf
 - Place image to the Sheet.
 - Submit>Make and send to printer
 - The Tauro job shows UV Leading = 90%, UV Trailing = 90%



- In Tauro GUI change **UV Leading** to 80%
- In Asanti edit the Layout Job
- Click Media Inspector>Printer Parameters
- Set UV Leading to 70%, UV Trailing to 70% and click OK.
- Submit>Make and send to printer
- In Tauro GUI Click save to save the manually changed settings



- The Tauro job shows UV Leading = 80%, UV Trailing = 70%. UV Leading is not overwritten by Asanti because it was manually changed in the Tauro GUI. (BUG: APR-68958 Update Printer Parameters in a job that is already sent to the Tauro fails)

7. Change Printer Parameters doesn't influence submitted jobs

1. New Layout Job
2. Note down the selected Media (e.g. Grafityp)
3. Open the Printer Parameters of the job
4. Note down the value for Print Mode parameter: Number of passes (e.g. 2)
5. Click cancel to close the Printer Parameters
6. Submit job
7. Open the Media Hub
8. Select the used Media e.g. Grafityp
9. Click "Adjust" to adjust the Printer Parameters.
10. Change the state of "Anti-static" (to e.g. Selected). Click OK.
11. Edit your Layout Job again.

12. Open the Printer Parameters. The Anti-static value is not changed after you have submit the job. The dark arrow next to the setting indicates the value is set differently from the Printer Parameters at Media level.
13. Click cancel.
14. Re-select the Media from the Media drop down list.
15. Open the Printer Parameters, the value is now set the same as in the Printer Parameters at Media level.



When (re-)select a Media or (re-)select a CPM in a job, the Printer Parameters in the job are looked up from the CPM and from the Media.

6. Re-use CPM's for different Media

1. Create new Media with different Thickness

When you want multiple Media with the same CPM's but with different default Thickness do the following:

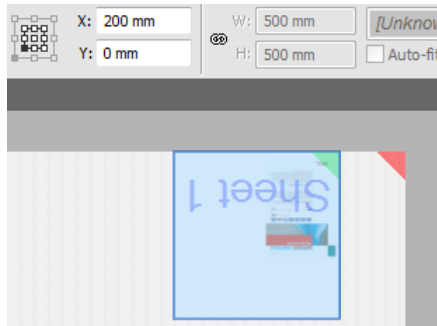
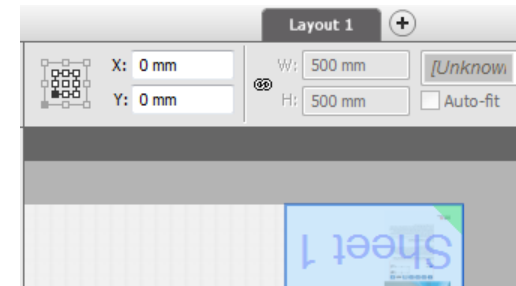
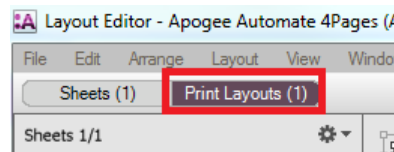
- Open Media Hub resource
- File>New Media
- Enter a name for the new Media
- Enter the Thickness
- Choose Media Calibration can use same Calibrated Printing Modes as...
- Choose the Media where you want to use the CPM's from.

7. Align a Sheet on the printer Layout

By default each Sheet is aligned at 0.0mm on the print bed (= printer Layout). If this behavior must be changed for a job, you must go to the Printer Layouts window.

Change the coordinates of a Sheet on the print bed

- New Layout Job
- Set Sheet size e.g. 500x500mm
- Media Layout Inspector>Horizontally> choose “Single Sheet per Printer Layout”
- Place images on the Sheet
- Switch to the Print Layouts view
- Select the Sheet on the Print Layout. It is located at 0.0 mm
- In the x field, enter a new value (e.g. 200mm), click tab. The Sheet gets shifted to x: 200mm.



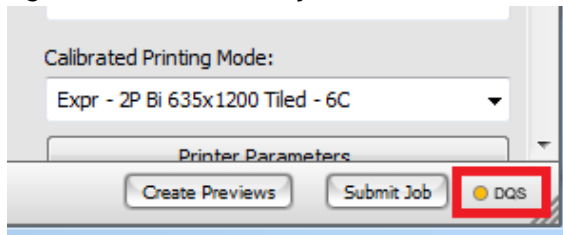
For Tauro, the y coordinate of the sheet in the Print layouts view must be 0 mm. For Tauro it is only allowed to move the sheet on the print layout in the x direction.

- Submit job, make and send to printer. The Tauro GUI job also indicates the Sheet is positioned at 200mm.

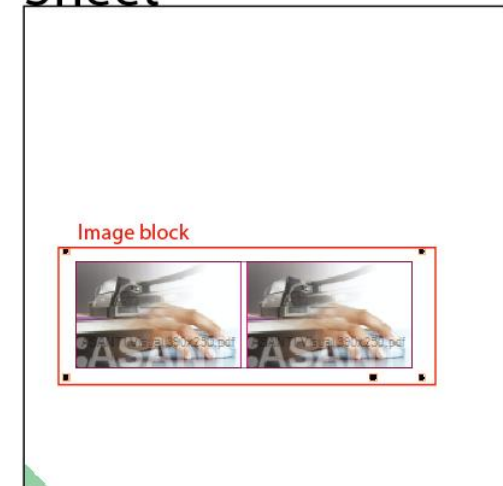


8. Sheet DQS

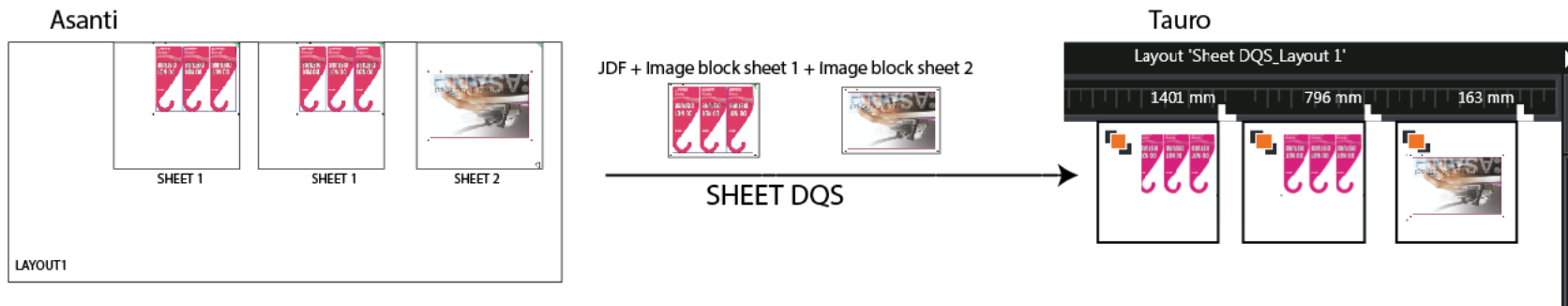
- By default Sheet DQS is enabled for Asanti jobs towards a Tauro task processor.
- Sheet DQS means Asanti will render for each Sheet only the image block. The image block is the area on the Sheet where you have images and marks.
- Asanti will send a JDF to Tauro indicating the position of the image block on the Sheet.
- When Sheet DQS is enabled for a job, an orange icon is shown with the text "DQS" at the right-bottom of the Layout Editor.




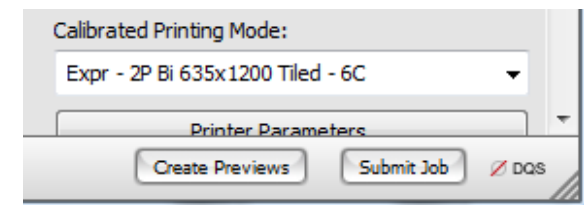
Sheet



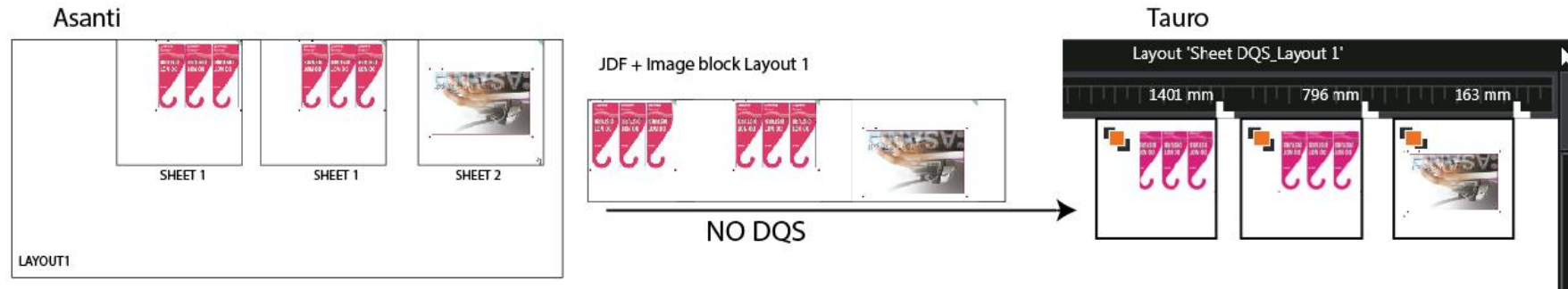
- When a Sheet is placed more than once on the Layout, its image block will only be rendered 1x.



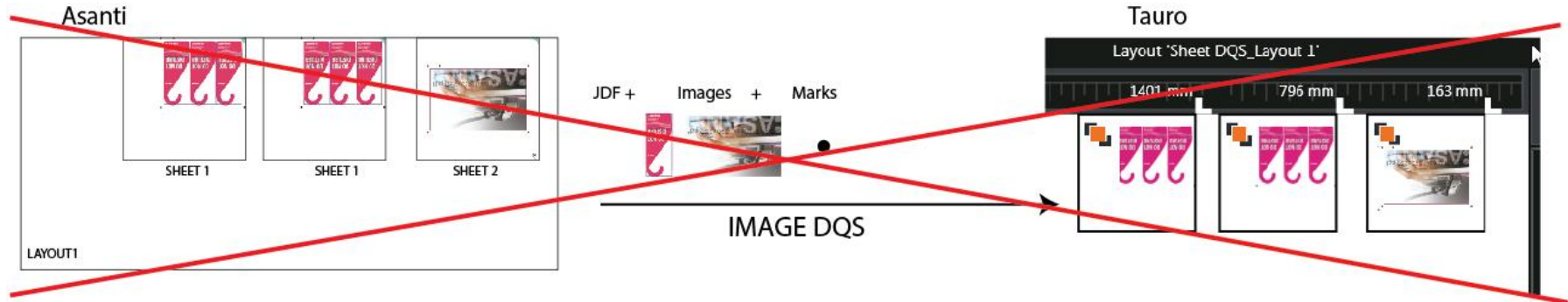
- Sheet DQS can be disabled in the Layout Editor by clicking on the orange DQS icon. The icon will change in DQS disabled  state. Turn off DQS is only needed in case of issues with Sheet DQS.



- With Sheet DQS OFF, the Sheet block is rendered = lay corner + all Sheet blocks.



- Image DQS (render images and marks separately) is not possible.



9. Job updates

When Asanti sends an update for an existing job, re-rendering or just re-sending JDF is needed.

When only a JDF needs to be sent to Tauro, only the Raster Compose component becomes green



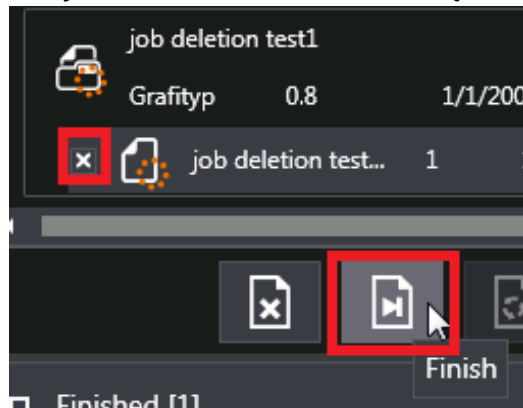
The following table shows an overview

Change in Asanti Layout Editor	DQS ON	DQS OFF
Change job name, order number, remarks, customer info, Milestone (Due Date)	Only a new JDF is sent	Only a new JDF is sent
Changes in Inspectors: Preflight/ColorManagement	Re-render job	Re-render job
Change Media	Re-render job	Re-render job
Change Media size	Only a new JDF is sent	Only a new JDF is sent
Change Thickness	Only a new JDF is sent	Only a new JDF is sent
Change CPM	Re-render job	Re-render job
Change Printer Parameters	Only a new JDF is sent (BUG APR-68958: parameters don't get updated in Tauro GUI)	Only a new JDF is sent (BUG APR-68958: parameters don't get updated in Tauro GUI)
Move Sheet on Layout	Only a new JDF is sent	Re-render Layout
Move image block on the Sheet	Only a new JDF is sent	Re-render Layout
Move separate images on the Sheet	Image block current Sheet re-renders	Re-render Layout
Add image to the Sheet	Image block current Sheet re-renders	Re-render Layout
Add a new Sheet placed on a new Layout	Image block new Sheet renders	Re-render Layout
Add a new Sheet to an existing Layout	Image block new Sheet renders	Re-render Layout
Add/remove marks on a Sheet/image	Image block current Sheet re-renders	Re-render Layout
Change Layout copy count	Only a new JDF is sent	Only a new JDF is sent

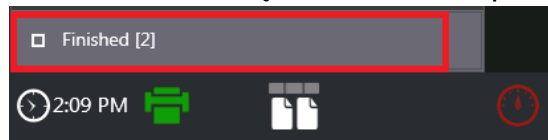
10. Job Deletion

1. Delete job first in Tauro GUI

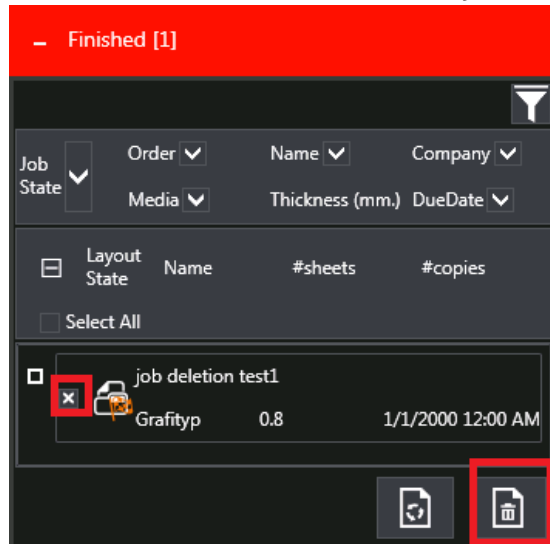
- Asanti client>New Layout Job.
- Place an image on the Sheet e.g. ASANTI Visual 390x250.pdf.
- Submit job>Make and send to printer.
- Tauro GUI: Select the Layout.
- Click the Prepare Print button.
- Print job, wait until the job is printed.
- Select the checkbox next to the Layout in Tauro GUI and click Finish.
The job is moved to the Finished Queue.



- Click the Finished Queue header to open the Finished Queue



- Select the checkbox next to the Layout in the Finished Queue and click Delete.



The high resolution data stored on the Tauro pc is deleted.

- Asanti client: Select the Asanti job. Delete job.

2. Delete finished job first in Asanti client

- Asanti client>New Layout Job.
- Place an image on the Sheet e.g. ASANTI Visual 390x250.pdf.
- Submit job>Make and send to printer.
- On Tauro PC, Folders with files are written
- Tauro GUI: Select the Layout.
- Click the Prepare Print button.
- Print job, wait until the job is printed.
- Select the checkbox next to the Layout in Tauro GUI and click Finish.
The job is moved to the Finished Queue.

- Asanti client> Delete Asanti job.
Tauro job doesn't get deleted.
- Manually delete Tauro job.
The high resolution data stored on the Tauro pc is deleted.

3. Delete not finished job first in Asanti client

- Asanti client>New Layout Job.
- Place an image on the Sheet e.g. ASANTI Visual 390x250.pdf.
- Submit job>Make and send to printer.
- On Tauro PC, Folders with files are written
- Asanti client> Delete Asanti job.
Tauro job automatically moves to the Finished queue.
Data on Tauro disk is not removed
Manually delete Tauro job in the Finished queue.
The high resolution data stored on the Tauro pc is deleted.

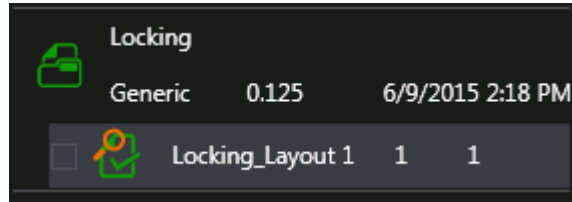
11. Job locking states

- When the job is being edit in Asanti, the job in Tauro shows a locked state. This doesn't prevent the user from printing the job.
- When the job is being printed in Tauro GUI, the job in Asanti shows a printer icon. When editing the Asanti job, a message is given that the job is being printed. The user can ignore this message and edit the Asanti job.

1. Print Tauro job

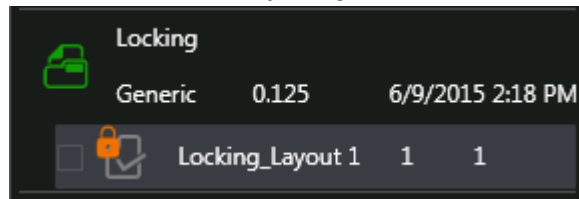
- Asanti client>New Layout Job.
- Place an image on the Sheet e.g. ASANTI Visual 390x250.pdf.
- Submit job>Make and send to printer.

In Tauro GUI, the Layout gets a green icon, this means it is available to be printed.

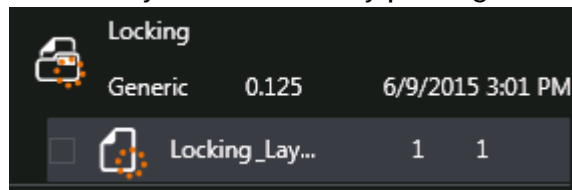


- Edit the Asanti job

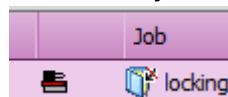
In Tauro GUI, the Layout gets a lock icon, this means someone is editing the job in Asanti.



- Tauro GUI: Select the Layout.
- Click the Prepare Print button. Click print.
The job is printed without a warning/error.
Wait until the job is printed.
The Tauro job shows a "busy printing" icon



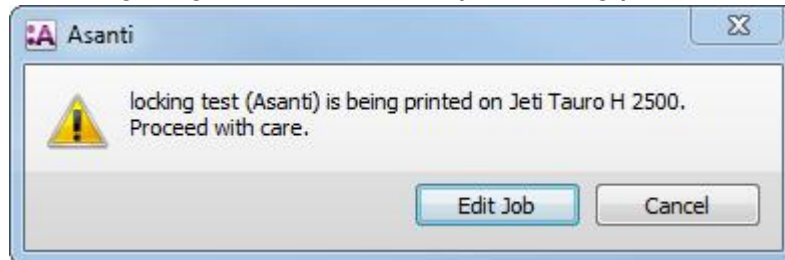
- Asanti: Submit job, in the Submit job dialog click "discard".
The Asanti job shows a printer icon. This means the job is being printed.



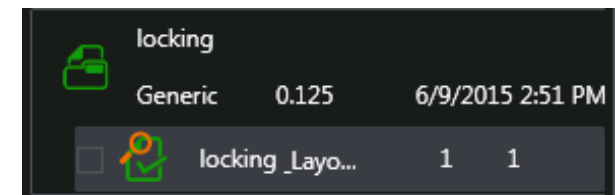
2. Edit the Asanti job

- Edit the Asanti job again.

A message is given that the Tauro job is being printed.



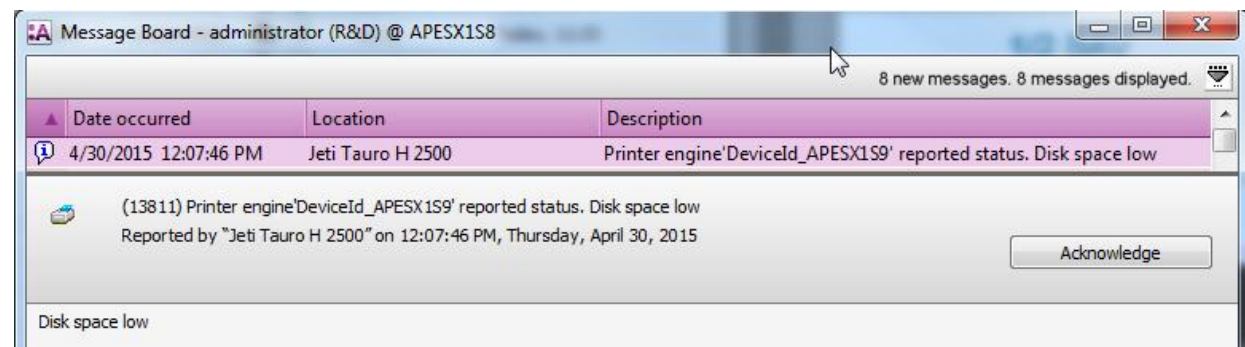
- Click « Edit job ».
- Resize the image on the Sheet.
- Submit>Make and send to printer.
The update is sent to Tauro.
In Tauro GUI, the Layout gets a green icon, this means it is available to be printed.



12. Disk full

In Tauro two disk space thresholds are set

- Critical Level. = 30GB
- Warning Level = 35GB
- When disk space on Tauro PC drops below Warning Level: Asanti client Message Board shows an informational message.



- When disk space rises above WarnLevel: Disk space OK Signal sent to Asanti.
- While disk space is below Critical Level receiving of further image data from Asanti is blocked.
- When disk space is at critical level you must delete jobs on Tauro.
- All warnings and errors are visual in the Asanti Message Board.

