Spooler

User Manual

RIP SOFTWARE - VERSION 11 - CALDERA 2017

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Introduction

The present document deals with the functions of the **S**pooler which is usually used as production monitoring. In this module you can see your running jobs, completed or aborted ones and also manage them.

Open the Spooler

The **S**pooler is where you can view past, current and pending jobs. In addition to other actions, this is where you can abort or reprint a job. Use one of the four following methods to open the *Spooler* window. The **S**pooler module works in the background even if the window is not open.
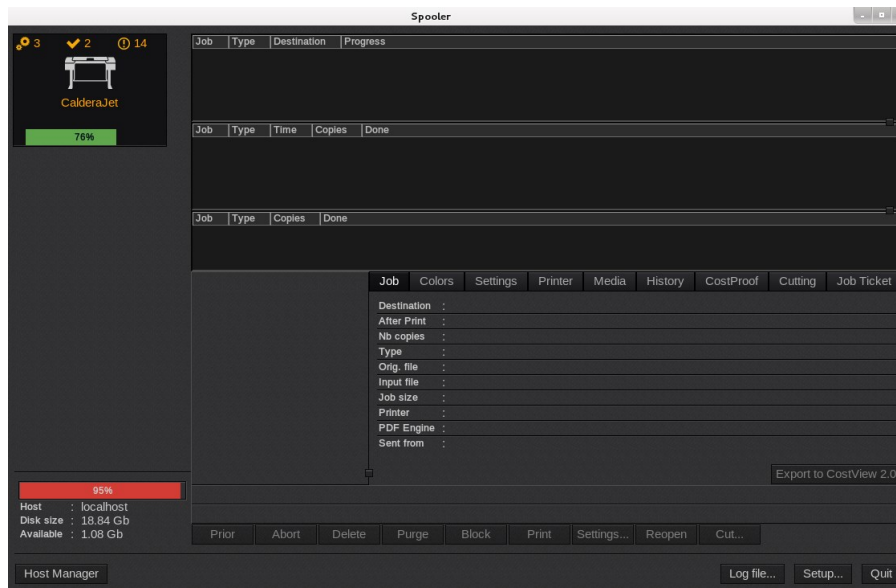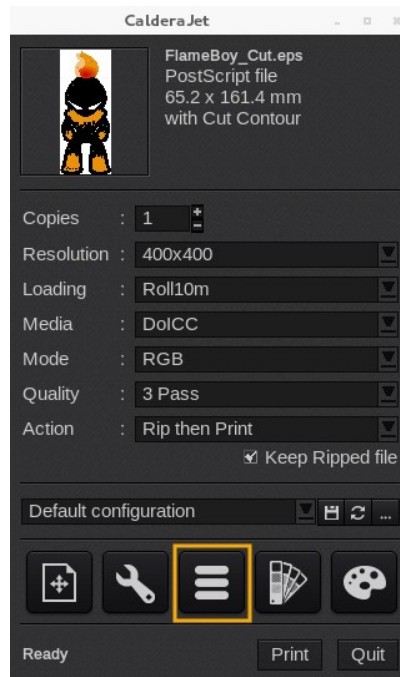
First method:

On your desktop, double-click the **S**pooler icon.
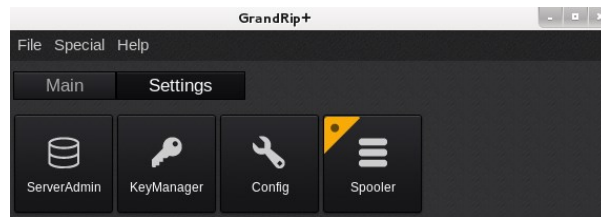

Second method:

From the **P**rint module, double-click the **S**pooler icon to launch module.

Third method:

1. In the **A**pplication**B**ar, select the Settings tab.
2. Double-click the **S**pooler icon to launch the module.

Fourth method:

1. In the **A**pplication**B**ar, right-click to open the **Applications** menu.
2. Click **Applications** then select **S**pooler to launch the module.

Management

Change the number of copies

This function consists in modifying the number of copies to print. This one is very useful when you want to add copies, modify the number of copies to print or re-print. In order to use this option, when you send the job you have to keep the box **Keep Ripped file** checked.
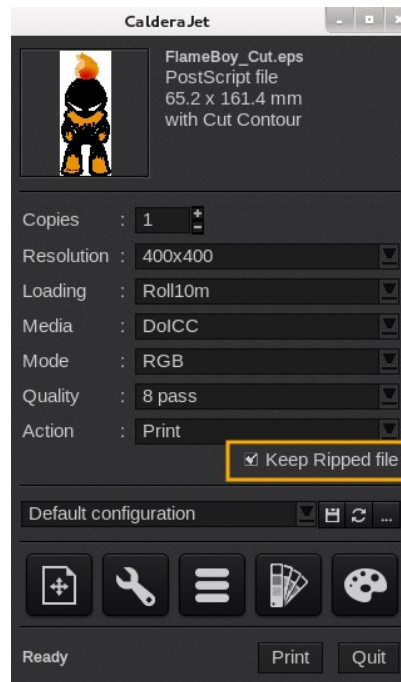
1. Open the **S**pooler. In the pending queue, select the job you wish to make more copies of.
2. At the bottom of the window, click the *Settings...* button.
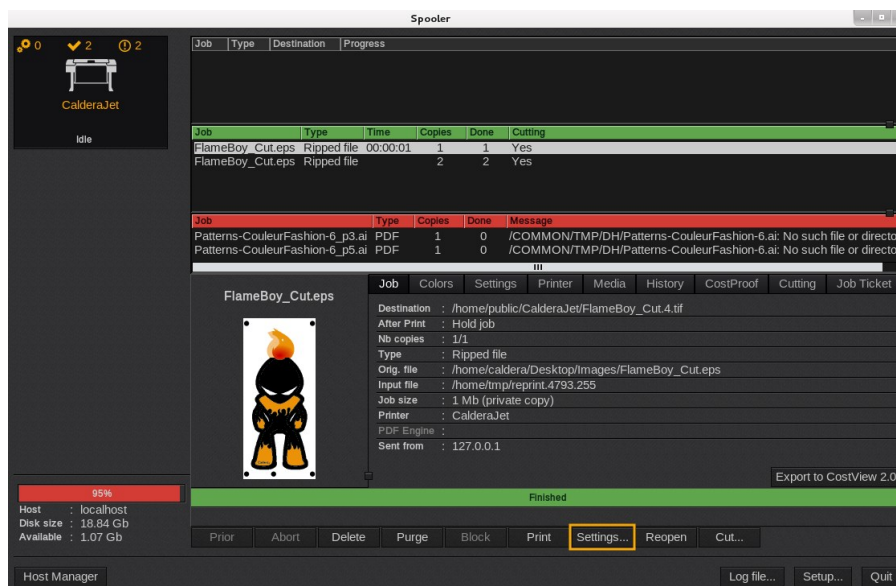
3. Then in the window that appears, click the <u>Main</u> tab. In the field **Number of copies,** fill in the number wanted (2 in our example).
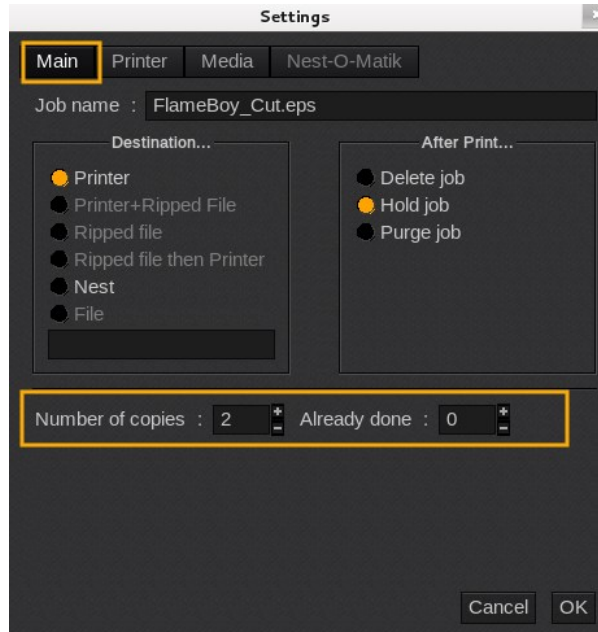
NOTE: The settings window contains a parameter name **Already done**. This value is used to keep track of the number of copies successfully printed, in case errors were to occur during the printing. For instance, if you send 10 copies of a job, but the printer stop in the middle of of the fourth one (e.g. because there is no more paper),the job will be put in error state, with the value **Already done** set to 3 whereas Number of copies will stay to 10. This way, when you release the job, only the remaining 7 copies will be printed.

4. Click *OK* to come back to the **S**pooler window.
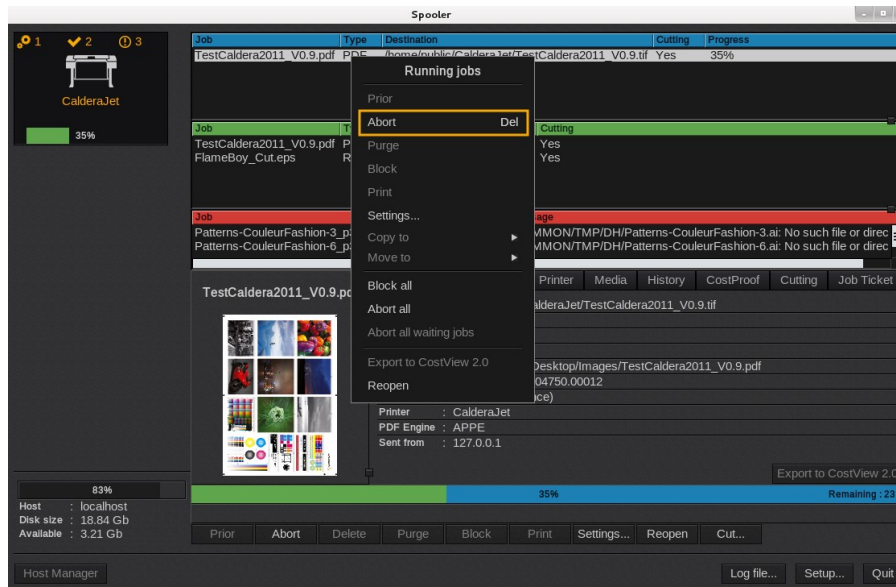5. Click *Print* to launch (or launch again) the printing.
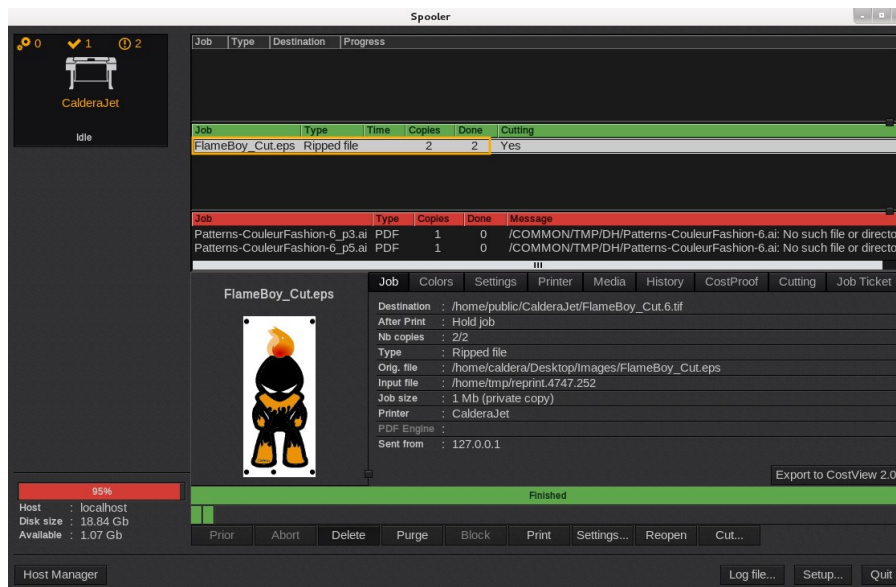
Abort a job

Using this function will let you abort your job and temporary stop it. There are three methods to get the result wanted.
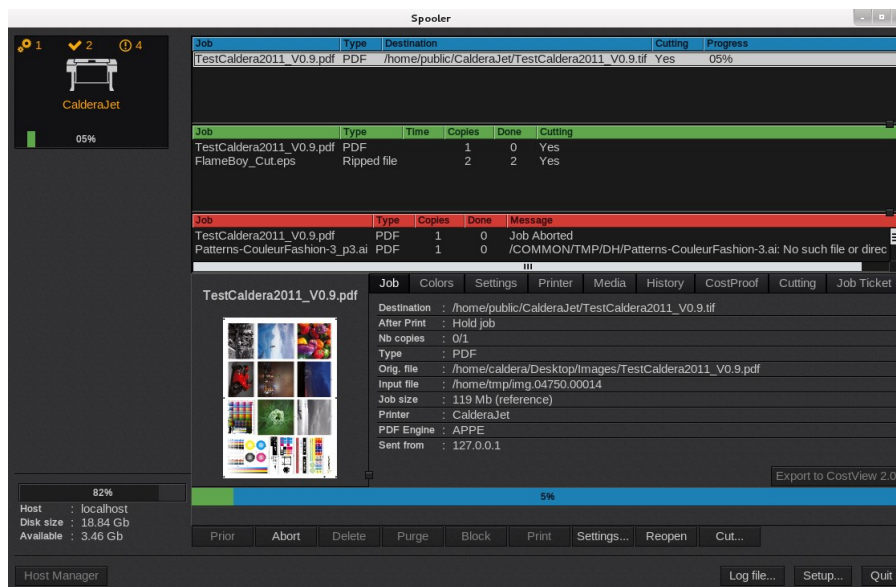
First method:

1. Open the **S**pooler. Select your running job in the active queue (blue queue) and right-click on it.
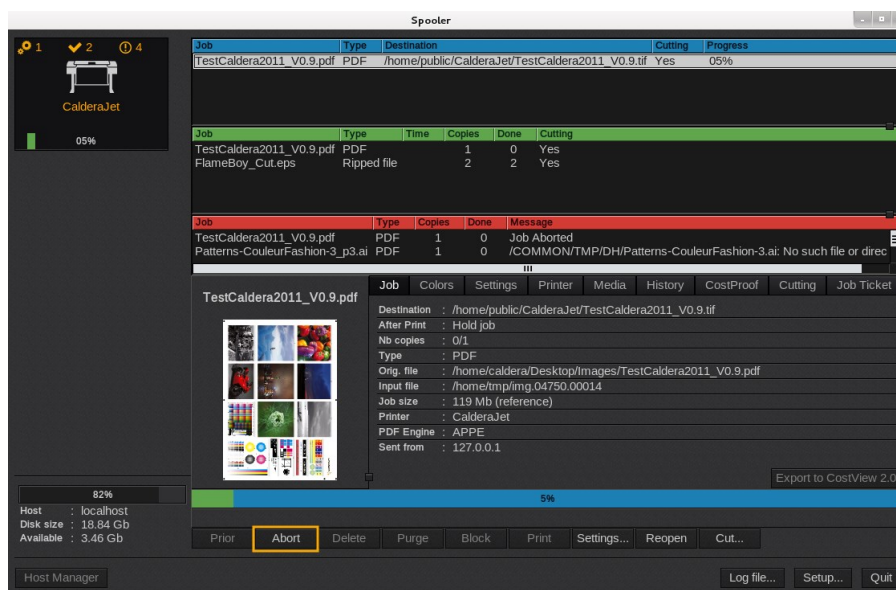2. In the menu that appears, click on **Abort**.

Second method:

1. Open the **S**pooler. Select your running job in the active queue (blue queue).

2. Hit the **Del** key.

Third method:

1. Open the **S**pooler. Select your running job in the active queue (blue queue).
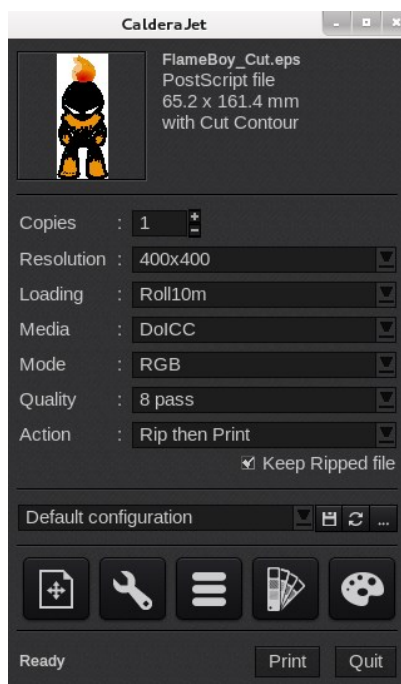2. At the bottom of the window, click *Abort*.

Reopening a job

They are plenty of applications for this function as verifying the parameters for a printed job, reprint a job with other options, or using former job's parameters for a new one. Reopen a job allows you to open the **P**rint module with the parameters used to do it.

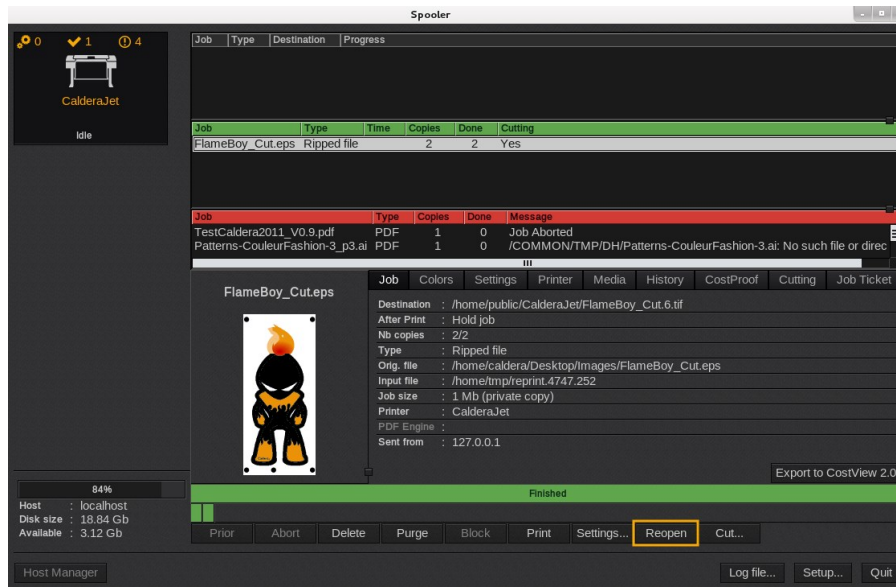You will not be able to reopen jobs printed from **CopyRIP**.

This function is only available for jobs launched from the print module (i.e. targets printed from **E**asy**M**edia* can not be reopened).
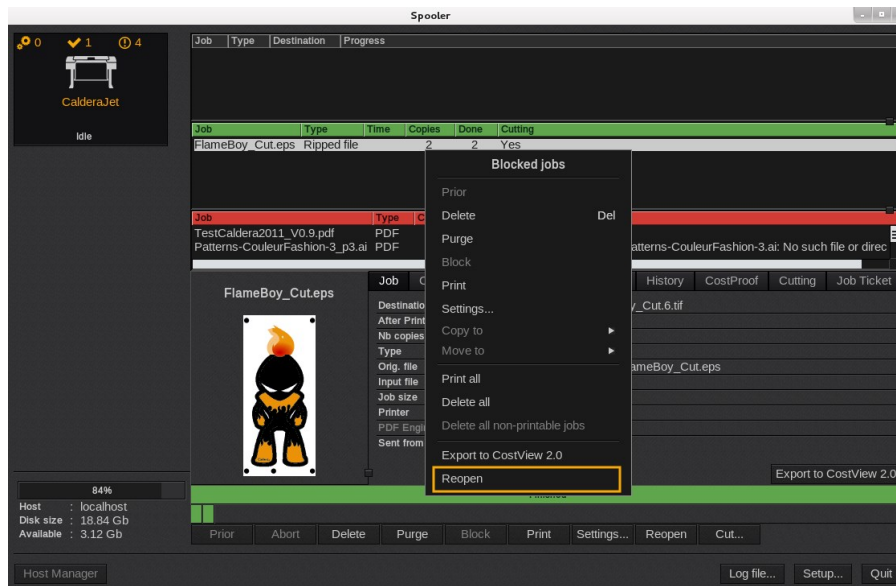

Windows opened after reopening a job.

SPOOLER

First method:

1. Open the **S**pooler and the RIP.
2. Select your job in the print queue.
3. At he bottom of the window, click the *Reopen* button.

Second method:

1. Open the **S**pooler. Select your job in the running queue and right-click it.
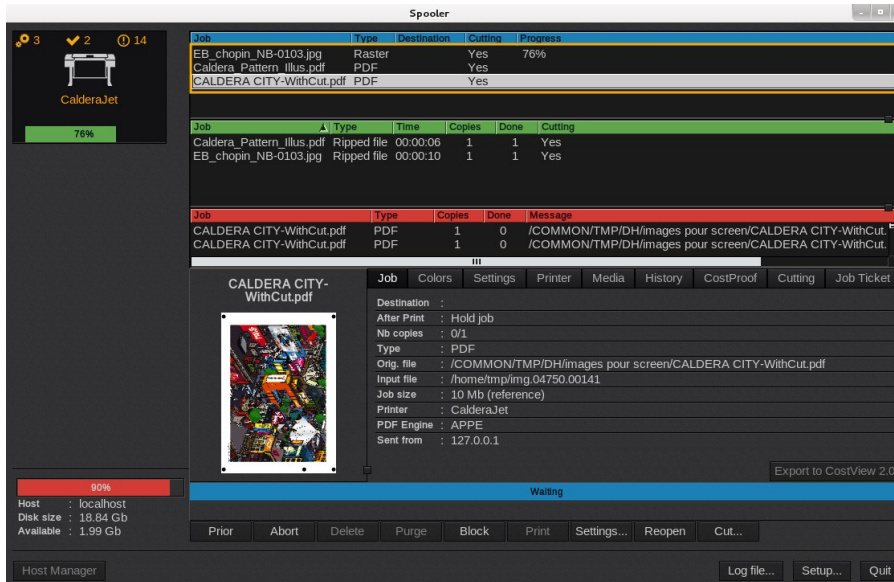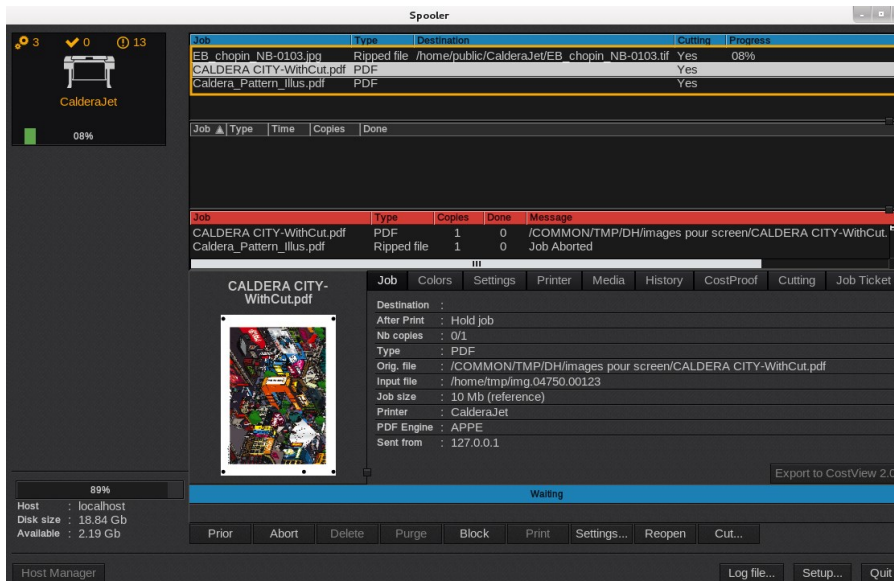2. In the menu that appears, click *Reopen*.

Third method:

Open the **S**pooler and double click the job that has to be reopened.

Priority jobs

If you have several jobs in the active queue (blue queue), expect the one which is running you can prior them. The prioritized job will appear just after the running job.
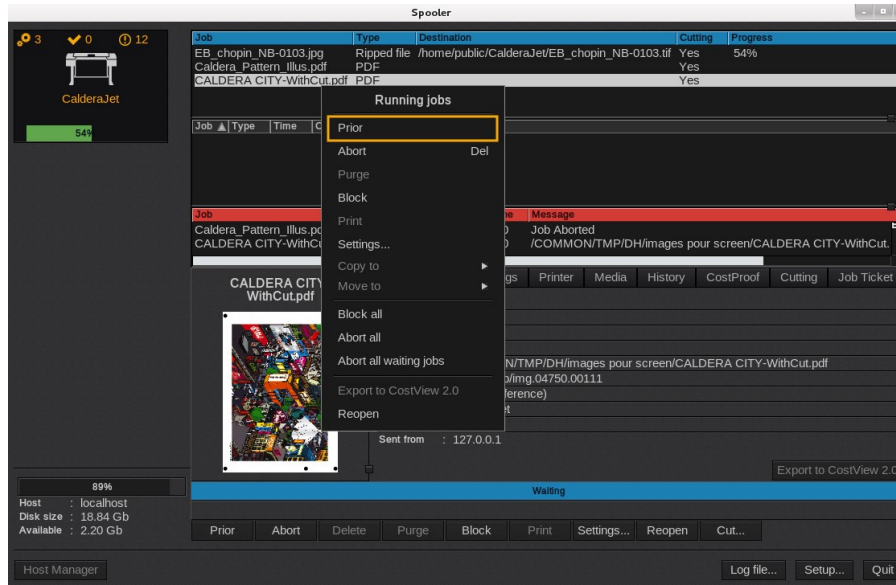

Before prioritization, CALDERA CITY is at the end of the active queue, after CALDERA PATTERN.

After prioritization, CALDERA CITY will rise up to the queue, before CALDERA PATTERN.
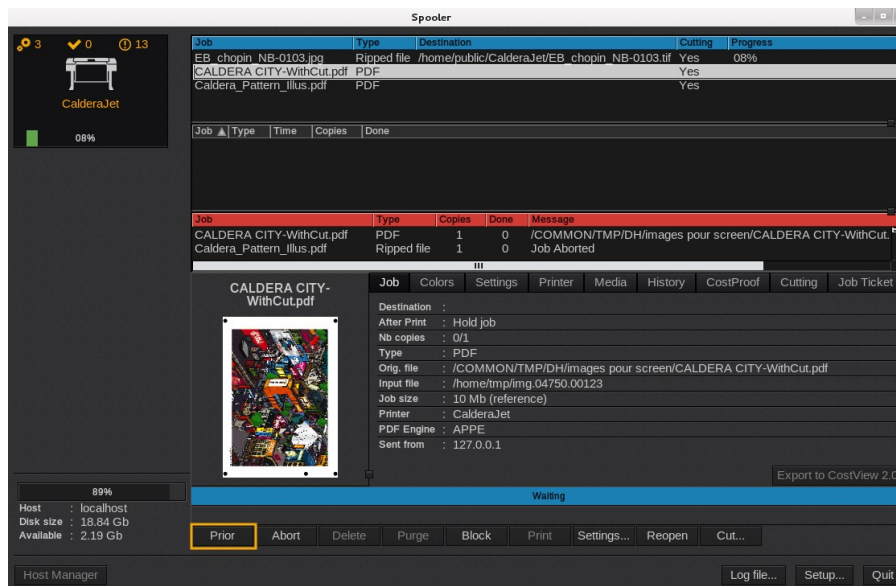
First method:

1. Open the **S**pooler. Select your running job in the active queue (blue) queue and right-click it.
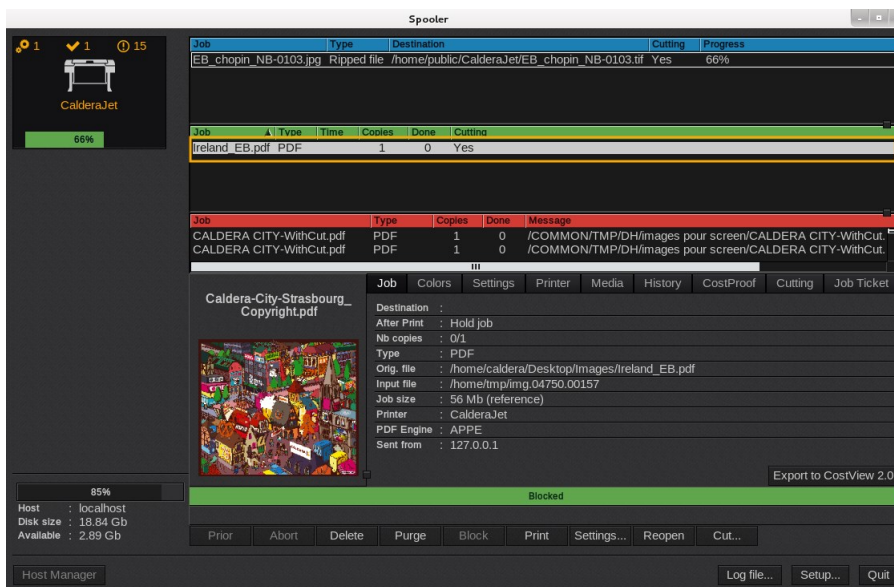2. In the menu that appears, click *Prior*.

Second method:

1. Open the **S**pooler. Select your running job in the active queue (blue queue).
2. At the bottom of the window, click *Prior*.

MANAGEMENT

Blocking a job

The function **Block a job** allows you to block a task that is currently being processed in the active queue (blue queue). This one is different from **Abort a job** because it lets you open or print the job once again in the future.
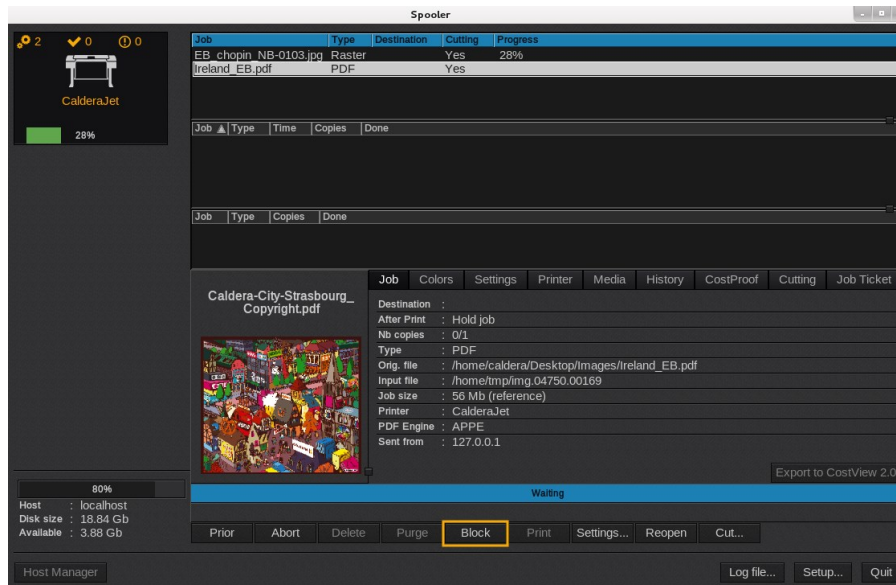

As a result the job will appears in the green queue with a field equal to 0.

First method:

1. Open the **S**pooler.
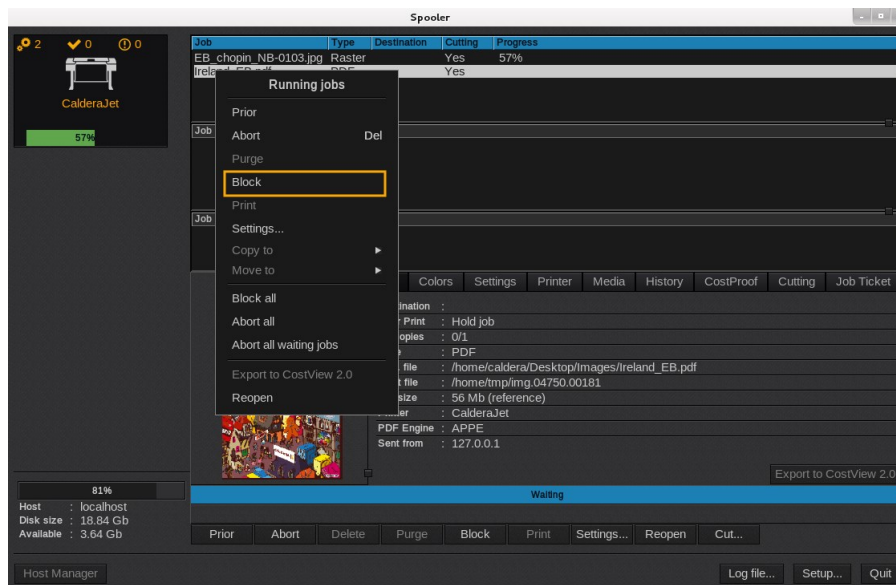2. In the pending job list, select the one to block.
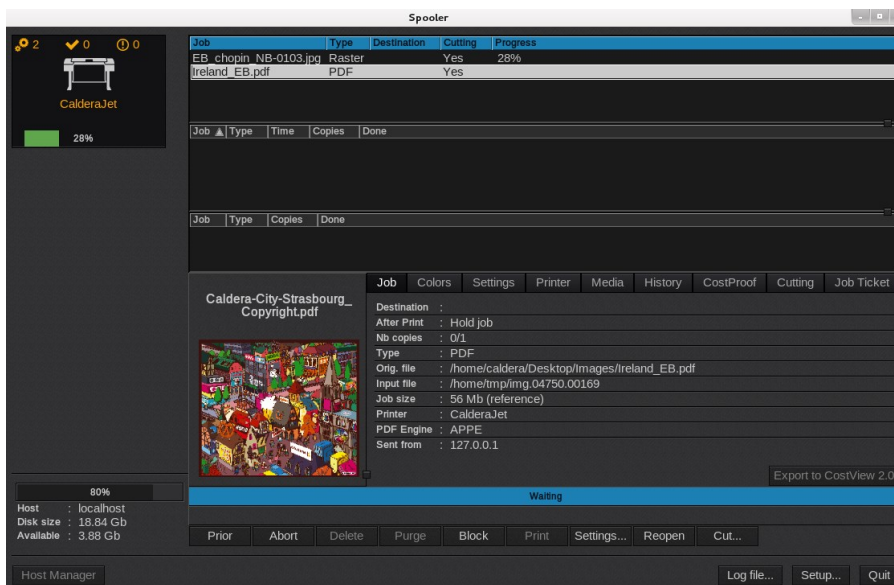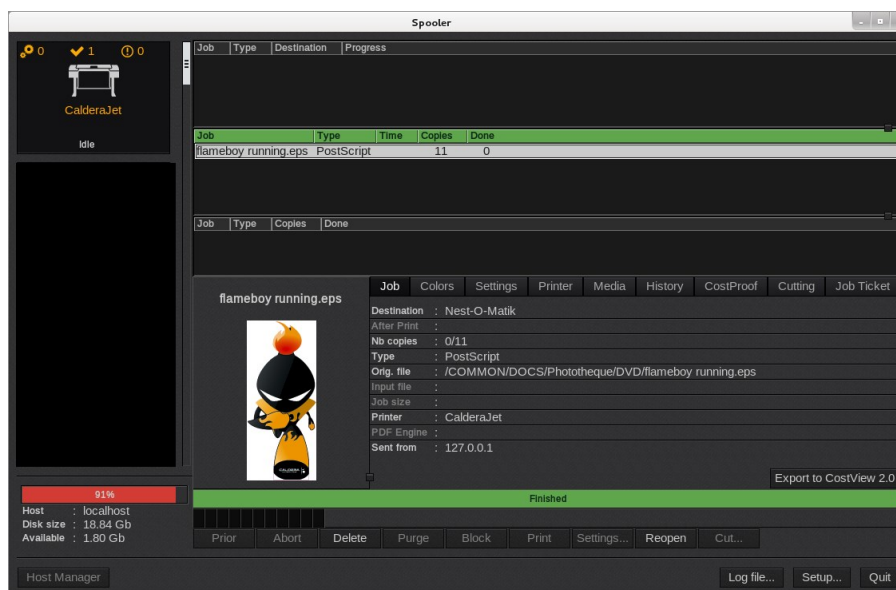
3. Click the **Block** button.

Second method:

1. Open the **S**pooler.
2. Select your running job in the active queue (blue queue) and right-click it.
3. In the menu that appears, click on **Block**.

MANAGEMENT

Purge

The function **Purge** allows you to erase data that comes with your printed job. So you can save space disk.


Fields **After Print**, **Input file**, **Job size**, **PDF engine** will not appear anymore and you will not be able to click **Print** and **Settings**.

Be careful, once the purge done, the job can not be printed again and parameters can not be changed.

Be sure the job import has been made in **C**ost**V**iew before purging it in the **S**pooler, otherwise you will not be able to import the job in **C**ost**V**iew.
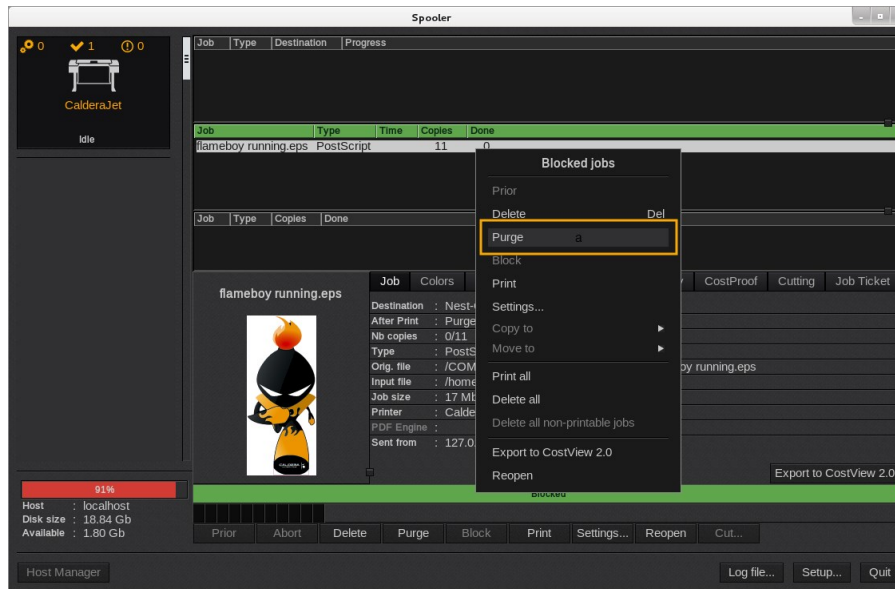
First method:

1. Open the **S**pooler.
2. Select your job in the print queue.
3. At he bottom of the window, click the *Purge* button.
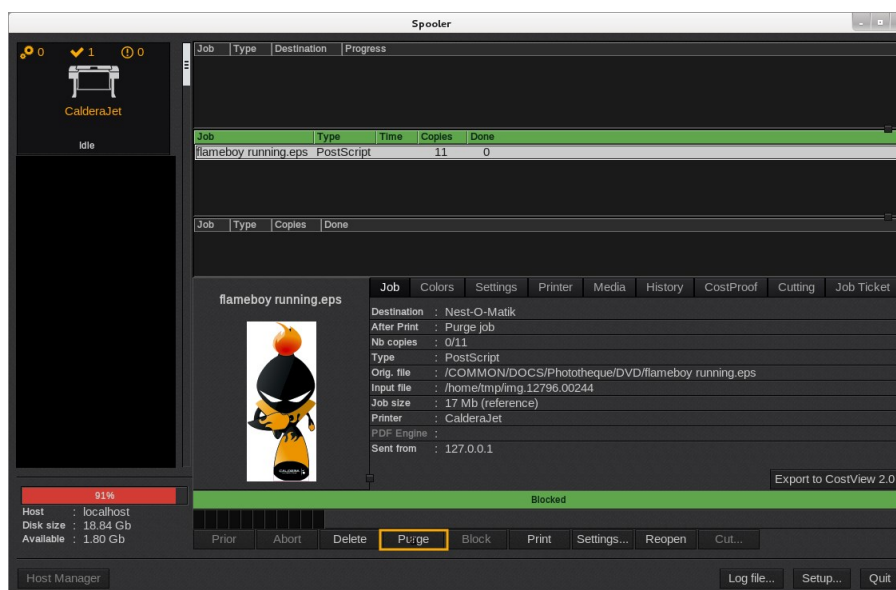
Second method:

1. Open the **S**pooler.
2. Select your job in the print queue.
3. In the menu that appears, click *Purge*.

Viewing

CostProof

A specific **CostProof** key is necessary to use this function.

The option **CostProof** allow to have an estimated printing cost by computing ink and media consuming per job. You can see the cost of your job in a dedicated tab into the **Spooler**.
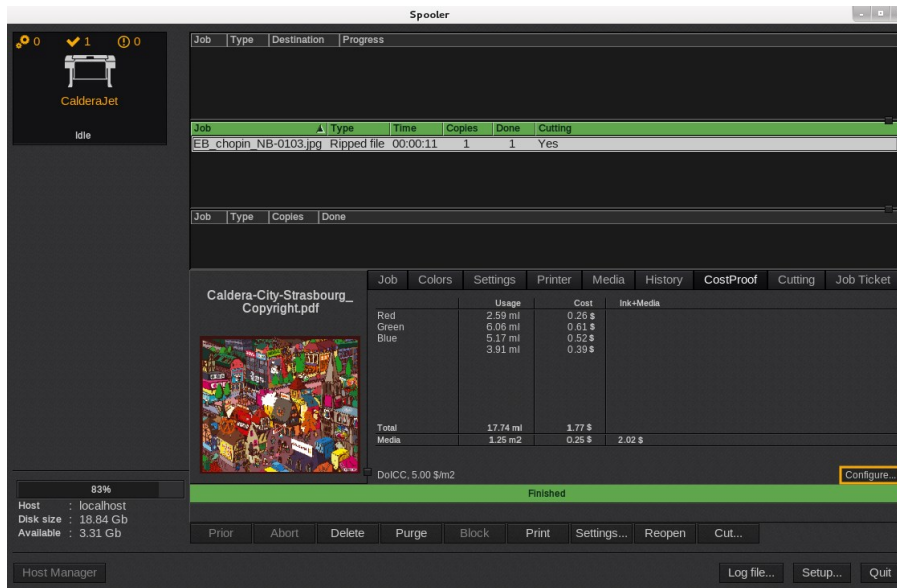
1. Open the **Spooler**.
2. Choose the job on which you want information.
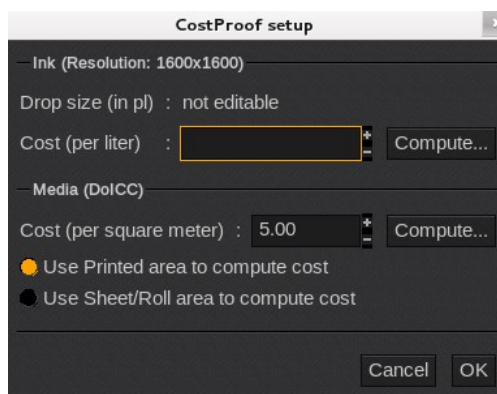3. Go to the CostProof tab.
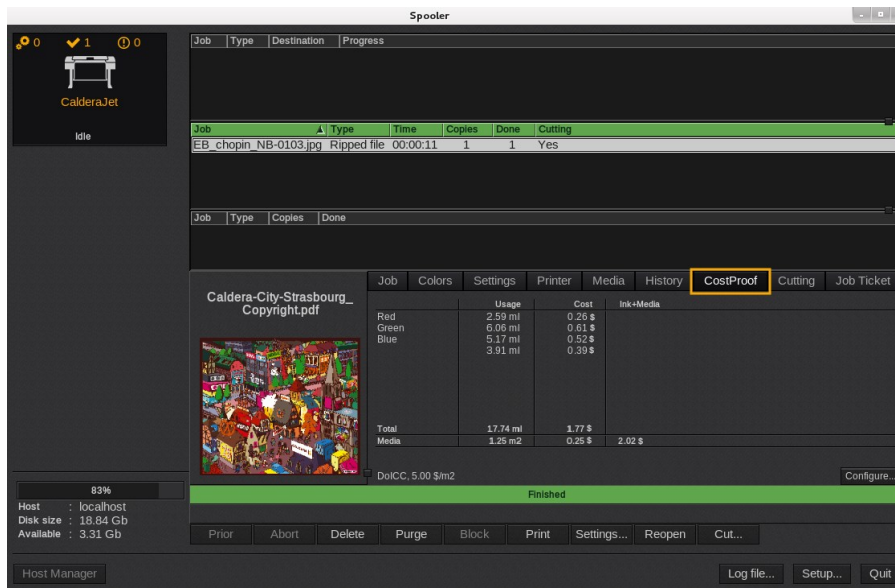
4. If **CostProof** had already been set up, the cost of your job will appear. If you want to set up or change the information, go to the next step.
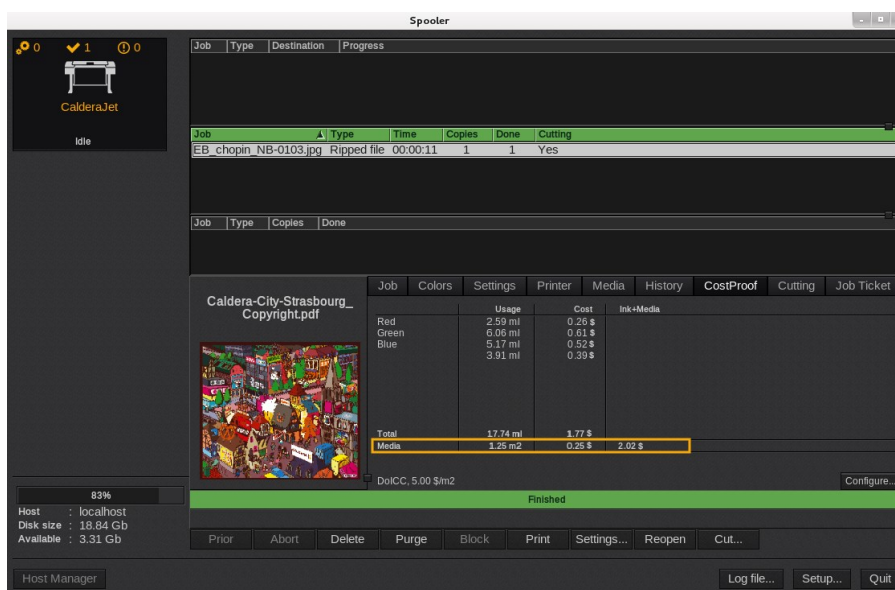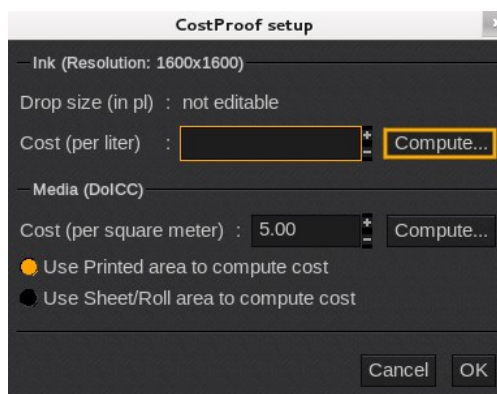
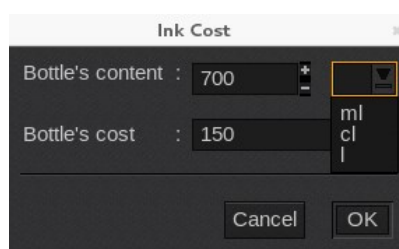**5.** Click the *Configure …* button.

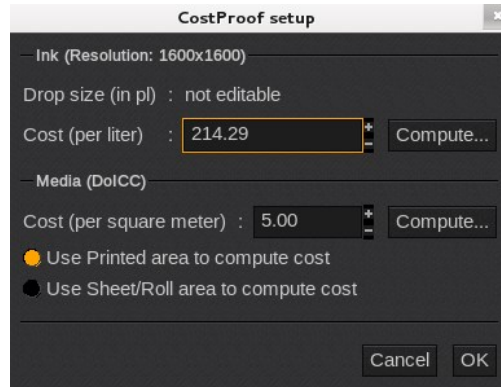**6.** In the window that appears, type the ink cost per liter.

**7.** If you ignore the cost per liter, click the *Compute..* button.

- In the window that appears, type the bottle's content and choose the unit in the drop menu (ml, cl, l).

- Confirm by clicking the *OK* button. The cost per liter will be automatically computed and will appears in the *CostProof Setup* window.

8. Enter the cost of your media (per square meter). If you ignore it, click the **Compute..** button.
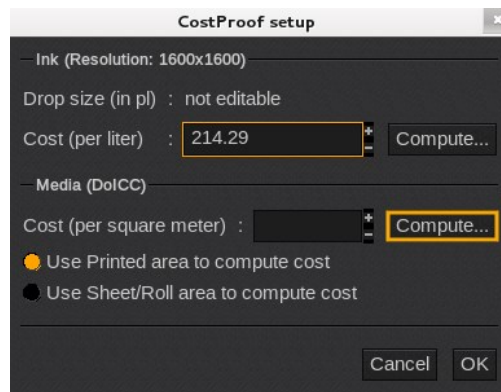
- In the window that appears, first indicate the roll width and choose the unit (M, cm, mm, inches, feet) then type the roll length and choose the corresponding unit followed by the cost.
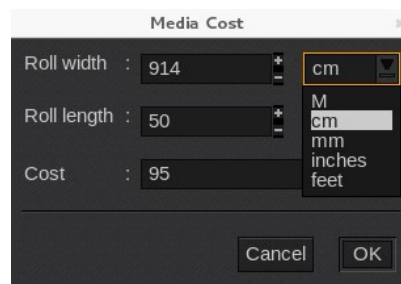

- Confirm by clicking the *OK* button. The cost per square meter will be automatically computed and will appears in the *CostProof Setup* window.
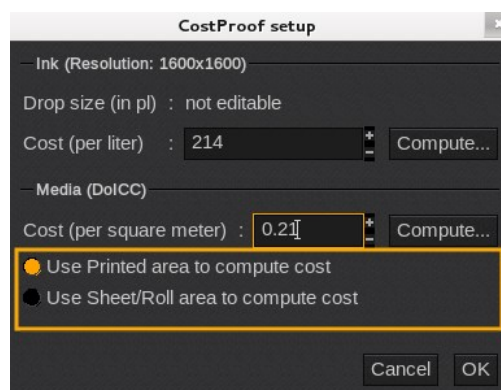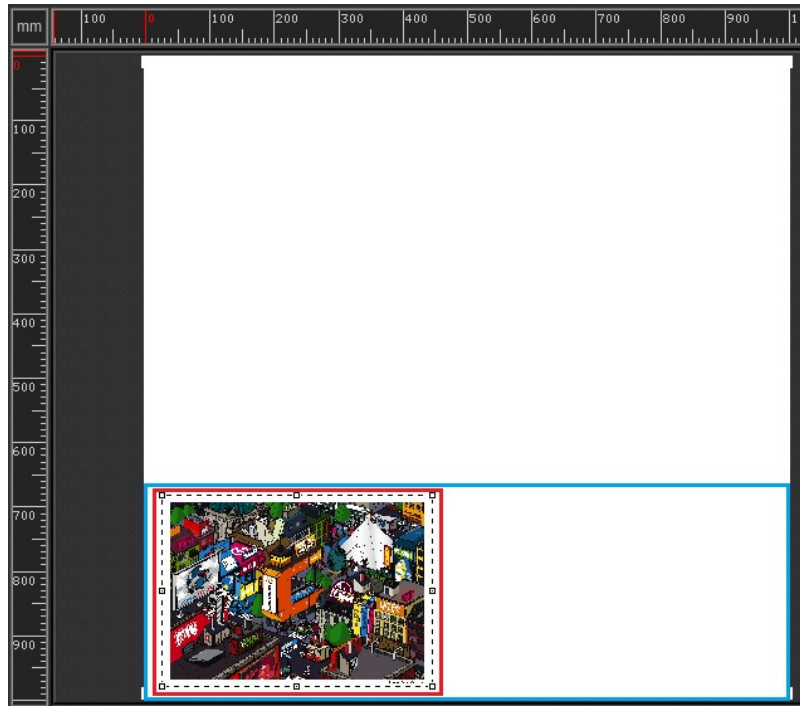
9. To compute the cost of your media you can either choose "Use Printed area to compute cost" or " Use sheet/Roll area to compute cost".

If you choose the first option, only the surface inside the red contour will be taken into consideration.

Whereas if you choose the second one, all the width of the sheet/roll will be taken into account meaning the whole surface inside the blue area.

This function is not available with printers which have their own grid or do not detail the drop's size.

Cutting

See the cutting information

In the Cutting tab of the **S**pooler, you can see all the cutting options of your job.

1. Open the **S**pooler.
2. Choose the job on which you want information.
3. Go to the Cutting tab.
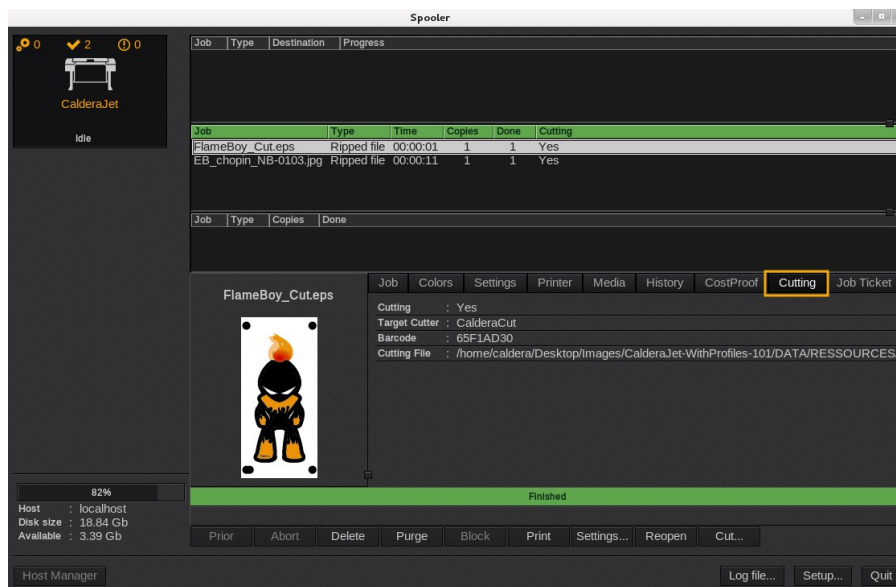
4. Information on cutting, target cuter, barcode and cutting file are shown.

Open VisualCut.

It only works when the cutter is drive by **VisualCut**.

1. From the **S**pooler, click on *Cut...*

2. So the **V**isual**C**ut window appears.

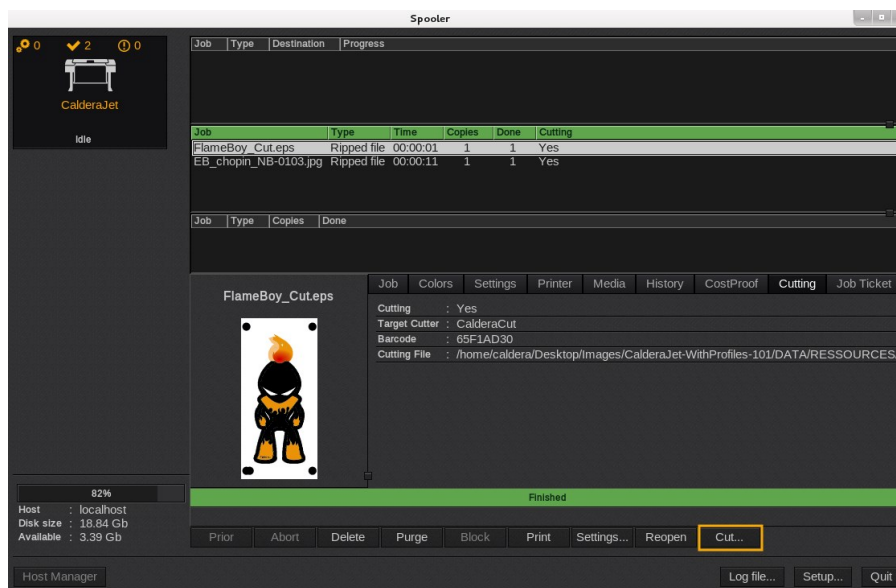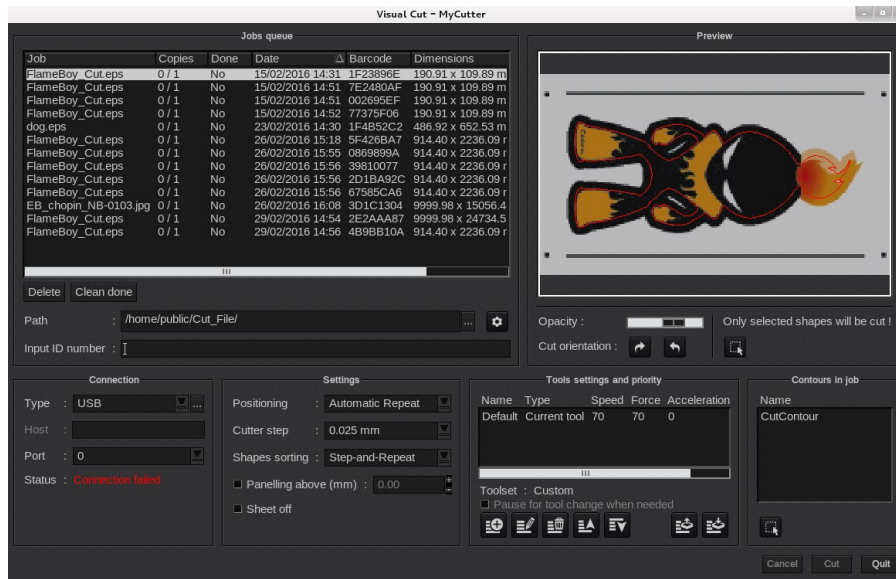For more information, see the *VisualCut Manual*.

Failure

Thanks to the **S**pooler you have an overview of your failed jobs. They appear in the red queue. So for a multiple printing you can know how many jobs have succeeded.
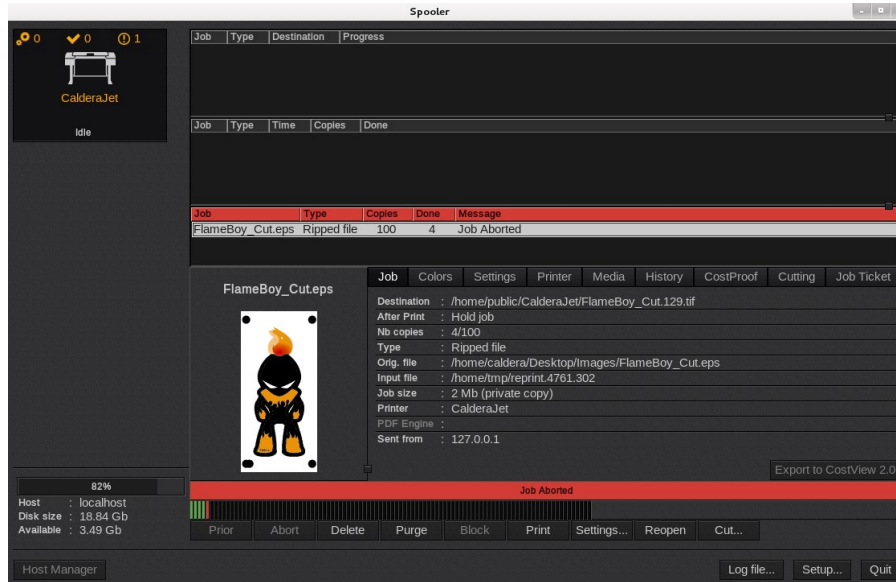
In our example, we can see that the job was abort and 4 copies out of 100 have been printed.

Logging of printing events

The **Spooler** ,which is a **Caldera RIP** module, displays a log of your completed or abort jobs.
1. Open the **Spooler**. Select your printer and right-click its icon.
2. In the menu that appears, select **Open Log**.

3. So the next window appears.
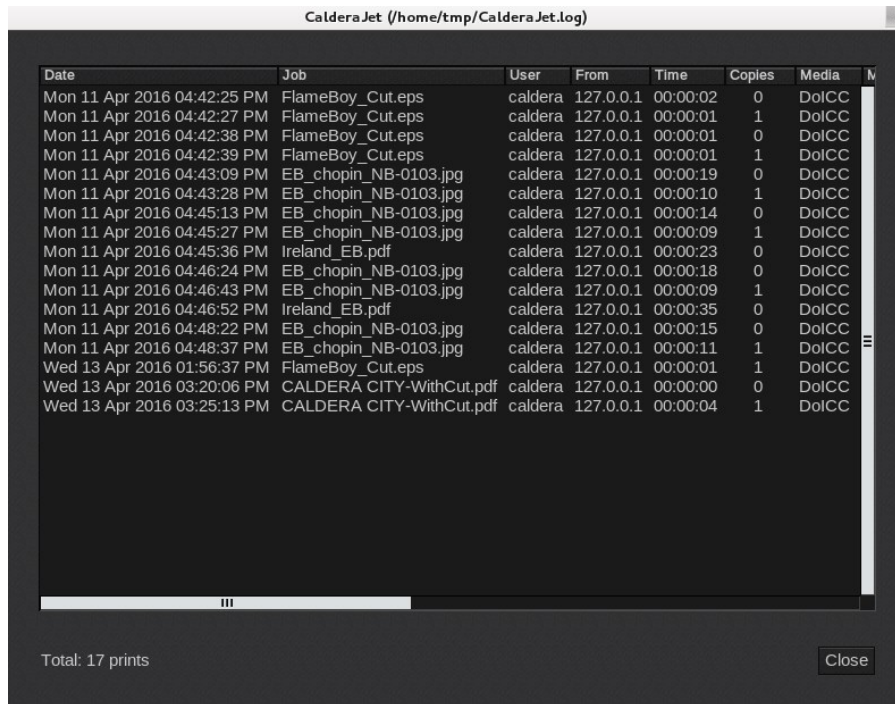
Other settings

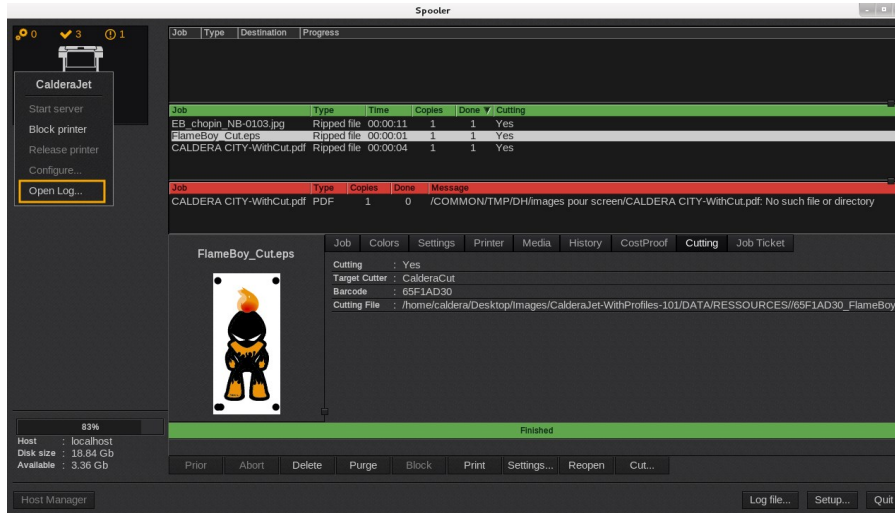## Setup the maximal number of jobs

This function allows you to block numerous printings and avoid wastage due to a typing error (example: 1000 copies instead of 100).

1. In the Settings tab, click the **Server Admin** button.
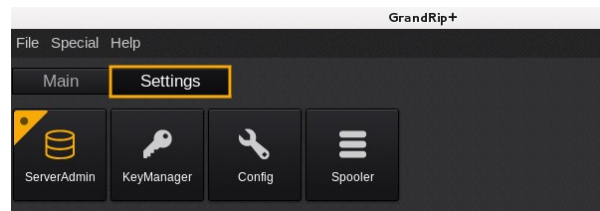
2. In the menu that appears, select the printer that you want to setup.
3. Click the ***Configure...*** button.
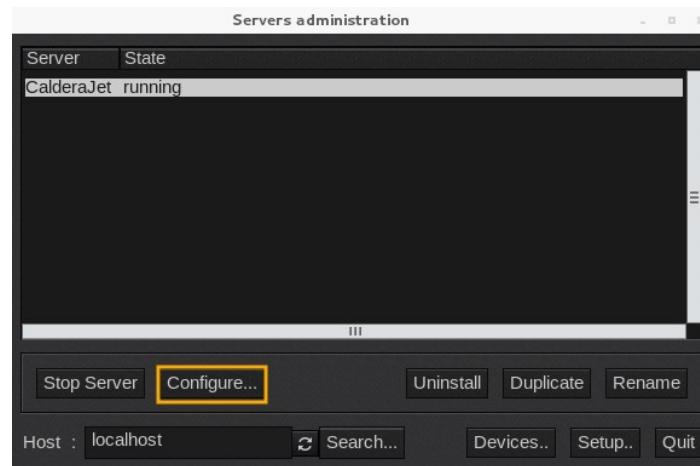
4. Then in the window that appears, click on the Misc tab.

OTHER SETTINGS

5. Tick the box **Max number of jobs in the Spooler**.
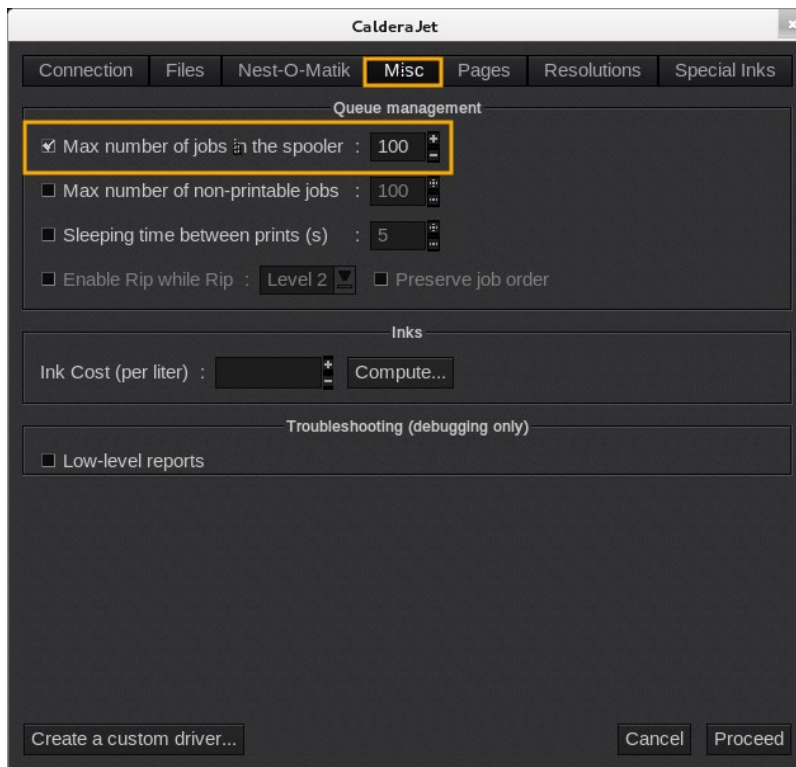
6. Type the number wanted (in our example, 100 is indicated).
7. In the bottom of the window, Click the *Proceed* button.

8. Accept the reboot so parameters will be taken into account.

Blocking a printer

The function **Block a printer** allows you to put all the active job (blue queue) in waiting state. Usually, this option will be chosen when one needs to block the printing queue for the whole weekend).

1. Open the **S**pooler. Select your printer and right-click its icon.
2. In the menu that appears, select **Block**.

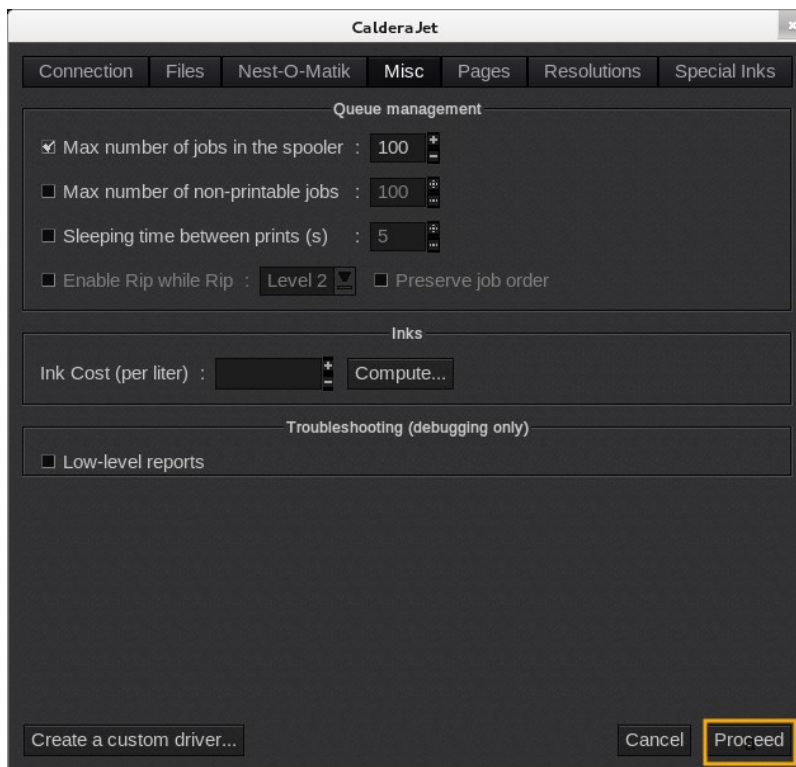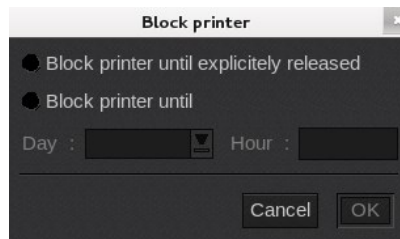3. Here you have two options. You can either choose to **Block printer until explicitly released** button (which will then demand that you perform a manual release), or **Block printer until** button, which will allow you to select a day and an hour (usually, this options will be chosen when one need to block the printing queue for the whole weekend).

4. Click *OK* to confirm. From now on, until the printer is released, no more job will be printed (please note, however, that if one is currently being processed, it will still be completed normally.
5. To release the printer manually, simply right-click its icon in the **S**pooler and choose **Release Printer**.
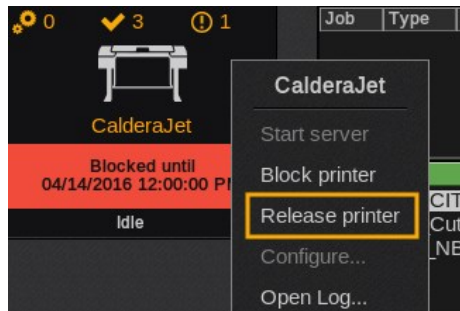
Nest-O-Matik

Use the **N**est-**O**-**M**atik feature to nest multiple files together to print as one job.
1. To nest files using **N**est-**O**-**M**atik, drag your file to your desired **P**rint module and select **Nest** as the **Action**.
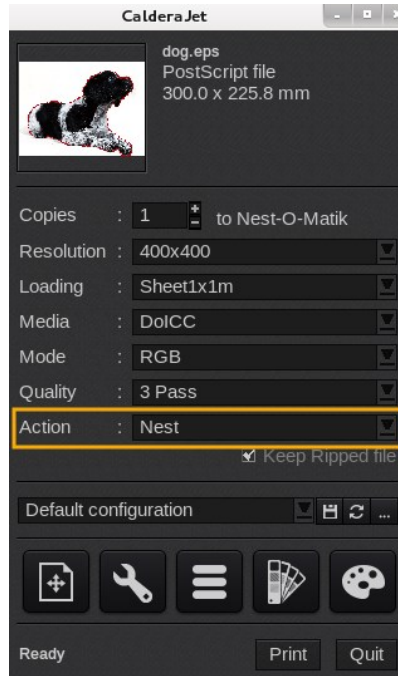
2. Set your print parameters and click *Print* when you are ready.
3. Repeat steps 1&2 with the additional files you want to nest.

>   Note: the printer settings must remain the same otherwise more than one nested file will appear in the **S**pooler.

4. Launch the **S**pooler to view your nested job. The name of the nested job is <u>Autonest</u> and it appears in the **Jobs running** queue. Click on the job to view a thumbnail of the nested files.
5. To print the job, highlight the **Autonest** job in the queue, and click the *Print* button located at the bottom of the **S**pooler window.
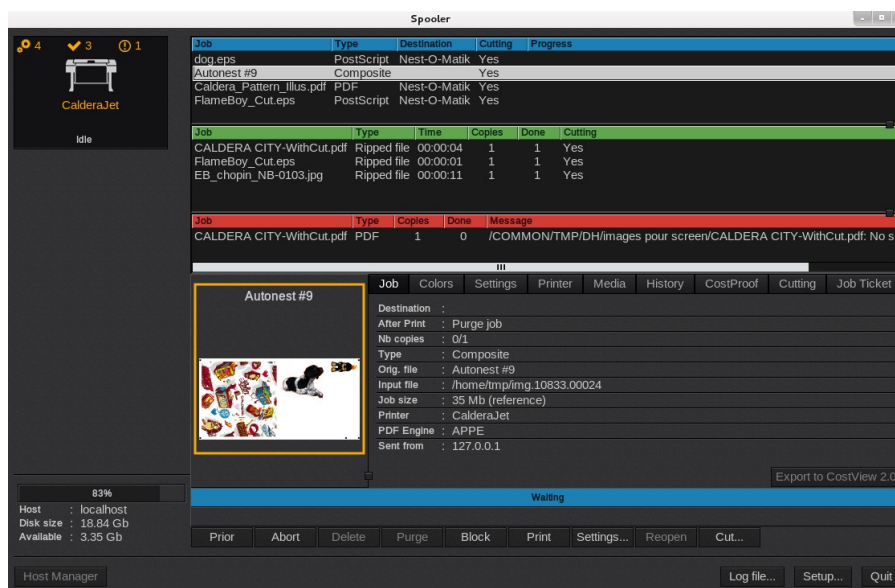
Nest-O-Matik settings

See the instructions below of how to create a workflow to automatically launch the print action for nested jobs. The job will be printed automatically once the parameters you set are met.

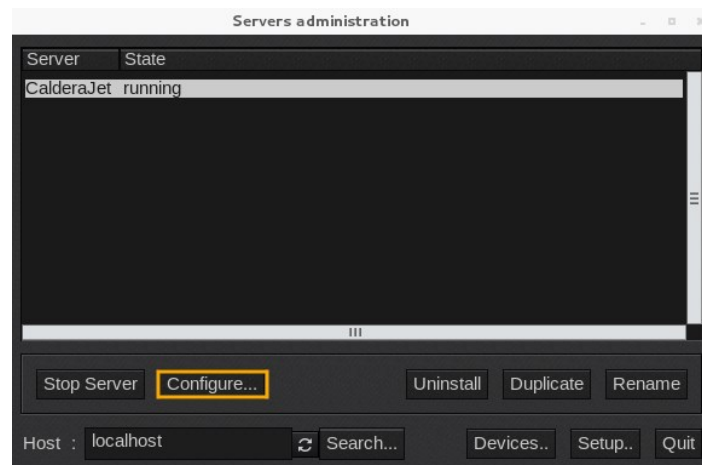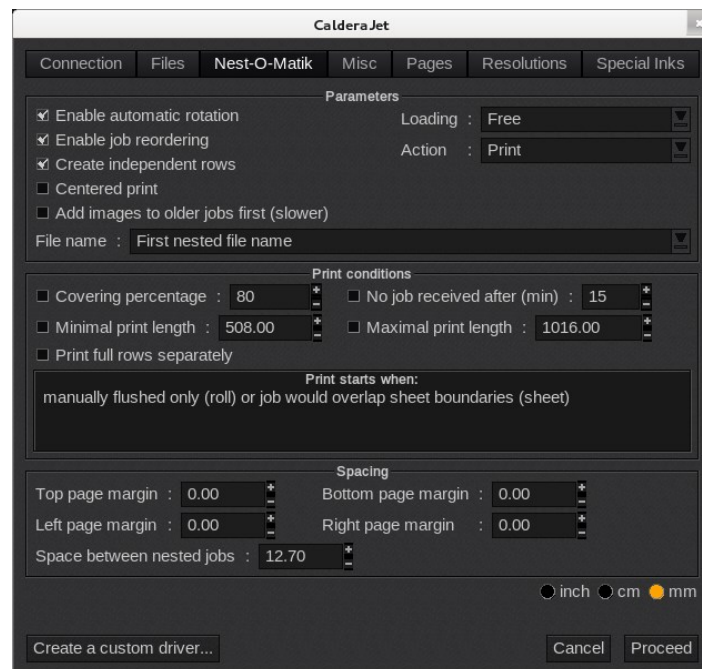1. In the **A**pplication**B**ar, under the <u>Settings</u> tab, double-click on **Server Admin**.
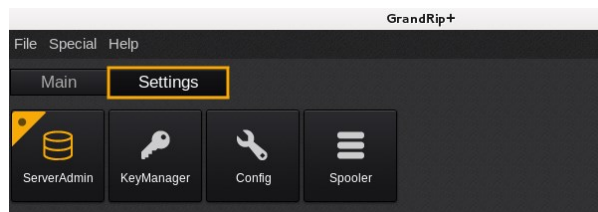
2. In the *Servers administration* window, select the printer that you want to create a workflow for and click *Configure…*.

3. Then in the window that appears, click the <u>Nest-O-Matik</u> tab.

4. In the Parameters section, you can define the images parameters (**Automatic rotation, reordering, independent rows, centered print, file name, action to perform**) and the **Loading**.

The **Loading** option allows you to choose a specific loading format or *Free* or *Strict*. Both last options let you to specify the loading size from the **P**rint module instead of setting it from the **Server Admin**.

Free takes the loading size the first time a nest job is created, and it sticks to it for all next jobs (until a different Autonest job is created).

Strict considers the loading size as a constraint and separates images to different Autonest jobs by their loading size.

5. Under the **Print conditions** section, you can define your parameters for when to automatically start the print action for nested files. The options are listed below. When enabled, the nested job will begin to print when:
   - **Covering percentage**: at least X% of paper width (if roll) or sheet surface (if sheet) is used.
   - **No job received after X minutes**: no new print jobs arrive after X minutes.
   - **Minimal print length**: printed output length is at least X inches, cm, or mm.
   - **Maximal print length**: printed output length exceeds X inches, cm, or mm.
   - **Print full rows separately**: a full row has been formed.
6. Once you have defined your parameters, click on *Proceed* to save your changes.

Share your Caldera experience and discover our online help on:
calderadesk.caldera.com