Technical Configuration Guide: Roland Versa Works Media Explorer

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GMG GmbH & Co. KG

Moempelgarder Weg 10

72072 Tuebingen

Germany

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Table of Contents

1	**About this guide**	**4**
2	**Overview Media Explorer**	**5**
3	**Import media files**	**6**
4	**Edit print quality settings**	**7**
5	**Edit printer queues**	**9**

1 About this guide

This guide describes how you set up the Roland Versa Works software to work properly with GMG SmartProfiler and GMG ColorServer.

It will describe how to edit the **print quality** settings in the **Media Explorer** and how to set up the print **queue** as well.

The Media Explorer is a standard module of Roland Versa works where you can manage used media in terms of **resolution**, print head configuration, **print speed** etc. You should have basic knowledge about the operation with Roland Versa Works.

Note: Please consider the Roland **online help** or **user manual** to adjust other settings of the Roland Versa Works Software.

2 Overview Media Explorer

The **Media Explorer** contains all media types which are provided by the driver. The media will be loaded into the system after the driver was installed properly.

By selecting a media the properties will be shown on the right of the window. Please follow the instruction below in order to prepare the media setting to work in conjunction with **GMG SmartProfiler**.

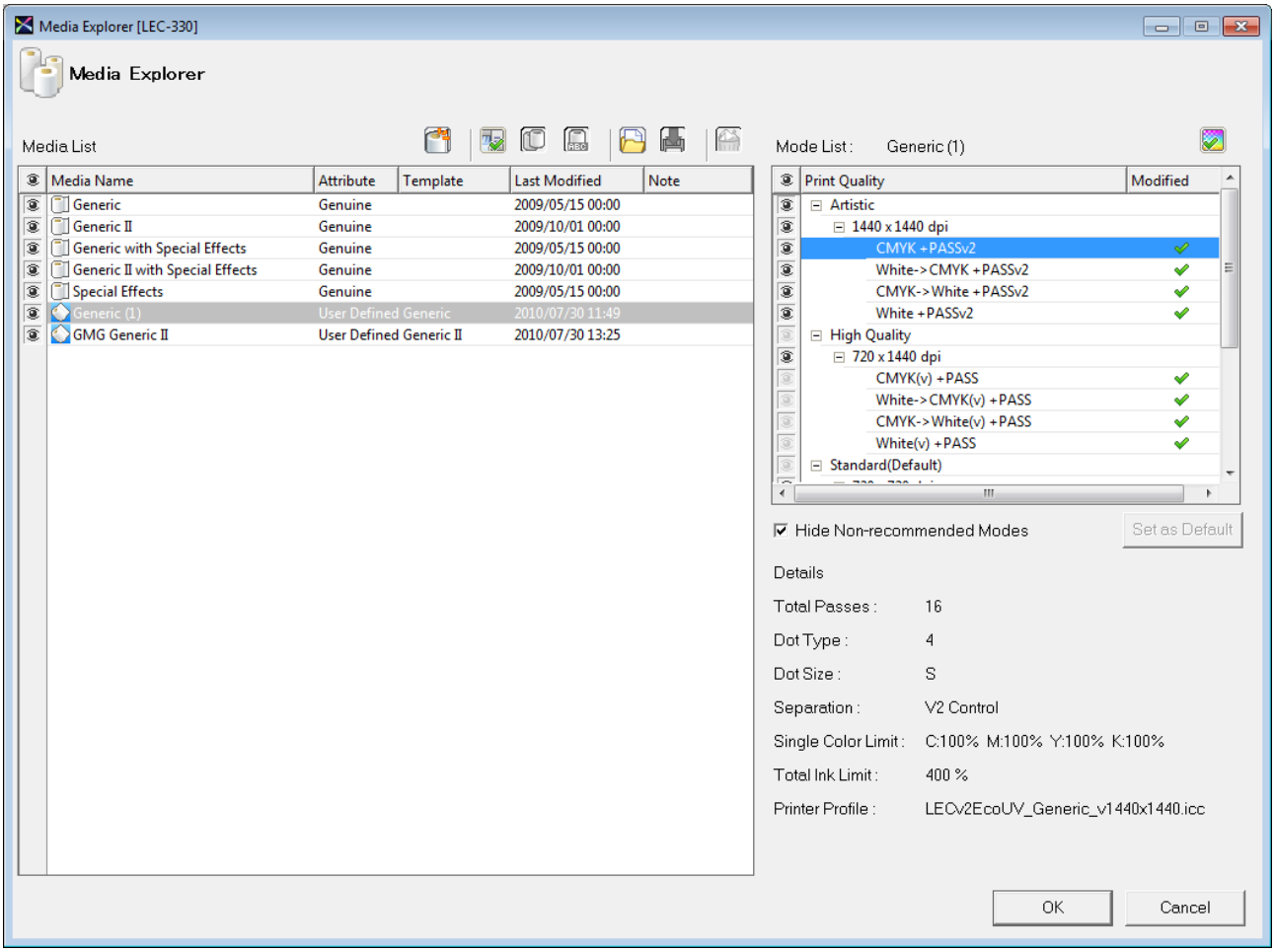

Fig. 1 Media Explorer from Roland Versa Works

3 Import media files

The prepared media files (*.rml) contain native Roland VersaWorks Media files which have been modified to work seamlessly with **GMG SmartProfiler**. These Media files are available for the following printer models.

- **VersaUV LEC** Series
- **VersaCAMM VS** Series
- **VersaCAMM SP-i** Series

Different paper grades were prepared for these printer series. Please take into consideration that other paper grades might not match to these settings and issues may occur. In these cases please follow the steps 4 to 5 to prepare your specific Media file which fits to the used paper grade.

Please find the following paper grades supported for the different Roland Printer series, the files to import contain "**GMG**" in the Media name to distinguish between the imported and the native media files of **Roland VersaWorks** :

- **VersaUV LEC** Series
  - Generic
  - Generic II
  - Generic with Special Effects
  - Generic II with Special Effects

- **VersaCAMM VS** Series
  - SV-GG : Hi Gloss PVC Gray Glue
  - GPPG : White Glossy Photo Paper
  - GVWG : Monomeric Calendered Self Adhesive Vinyl
  - GVWG [MT] : Monomeric Calendered Self Adhesive Vinyl

- **VersaCAMM SP-i** Series
  - SV-GG : Hi Gloss PVC Gray Glue
  - GPPG : White Glossy Photo Paper
  - GPPM : Photo Matte Paper
  - GVWG : Monomeric Calendered Self Adhesive Vinyl

How to import the media files

Follow the procedure below to load a Roland Media file into the **Media Explorer** window.

1. Click **Media** - **Media Explorer**. The **Media Explorer** window appears.
2. Click the **Load from File** icon.
3. Select the rml file to be loaded, and then click **Open**.
4. If the rml file includes information of multiple media, select the media to be loaded from the list, and then click **OK**.
   The selected media is registered to the **Media Explorer** window.
5. Click **OK** to close the **Media Explorer** window.
6. Be sure to click **OK**. If you click **Cancel**, the window will close and the registration of media will be cancelled.

Note: You cannot load a media if there is another media with the same name.

4 Edit print quality settings

How to edit the print quality settings

7. Select in the **media list** the media which you want to prepare for GMG SmartProfiler.
8. Click with the right mouse on the media and create a duplicate of the media.
9. Please save media with correct media name and select the media in the **Media List**.
10. Navigate to **Mode List** and select the **Print Quality** which would like to edit e.g. **Artistic**.
11. Click on **+** to expand the different resolution options, e.g.**1440 x 1440 dpi**.
12. Double click on the **print head configuration** which you would like to prepare for use with GMG SmartProfiler e.g. **CMYK+PassV2** (See also Fig. 01).
13. Navigate to **Calibration Settings** and click **Print Chart** (Fig. 02).
14. Enter for each ink the **Single Color Limit** of 100%.
15. Navigate to **Total Ink Limit** and click on **Set Ink Limit.**
16. Enter 400% as **Total ink** on **Max. Ink Limit**
17. Click **OK** to save the setting and to close the window.
18. Please repeat all steps for **Media** which you would like to profile with GMG SmartProfiler.

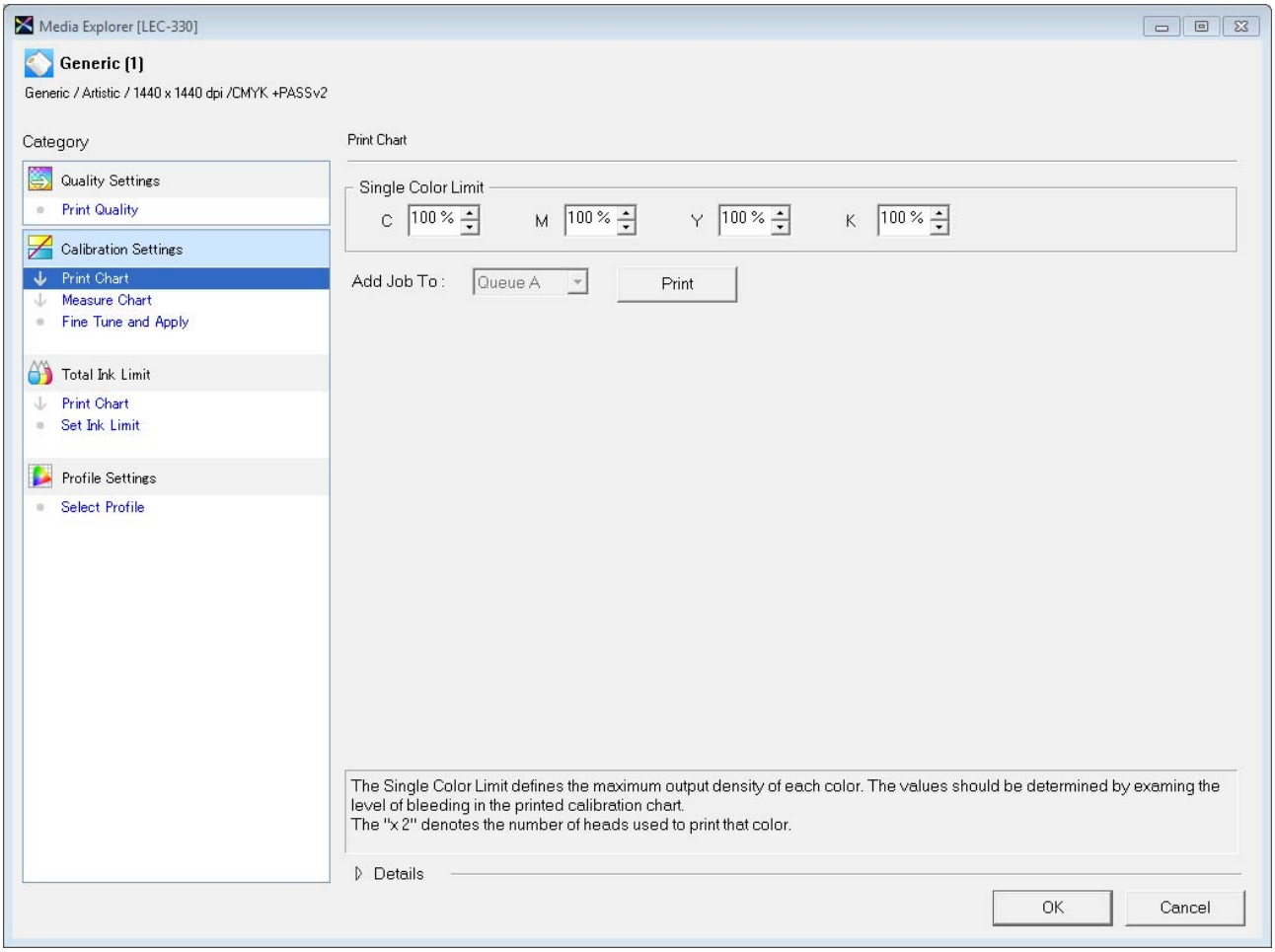

Fig. 2 Calibration Settings

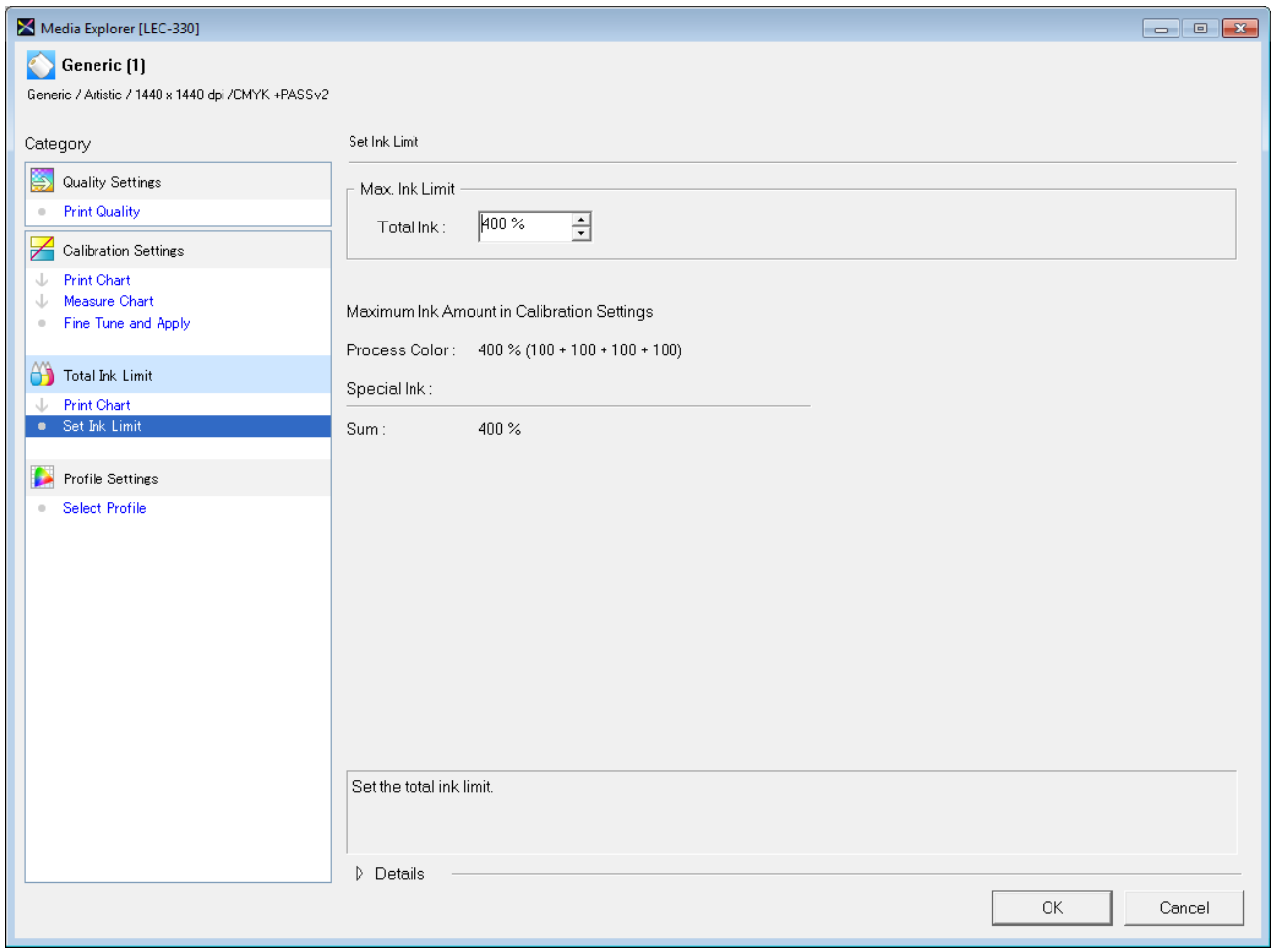

Fig. 3 Total Ink Limit

Note: Do not edit any linearization curves which will be displayed under **Fine Tune and Apply.**

5 Edit printer queues

How to configure a new printer queue for GMG SmartProfiler

1. Go to edit and click on **Queue A Properties.**
2. Navigate to **Quality** and choose your preconfigured **Media Type** inside of the **Quality Settings.**
3. Choose your preferred **Print Quality**, which you already configured in the previous chapter.
4. From the **Mode** list, select the desired print mode.
5. Choose the option **Density Control Only** in the **Color Management** menu.
6. Click on **OK** to save your settings.

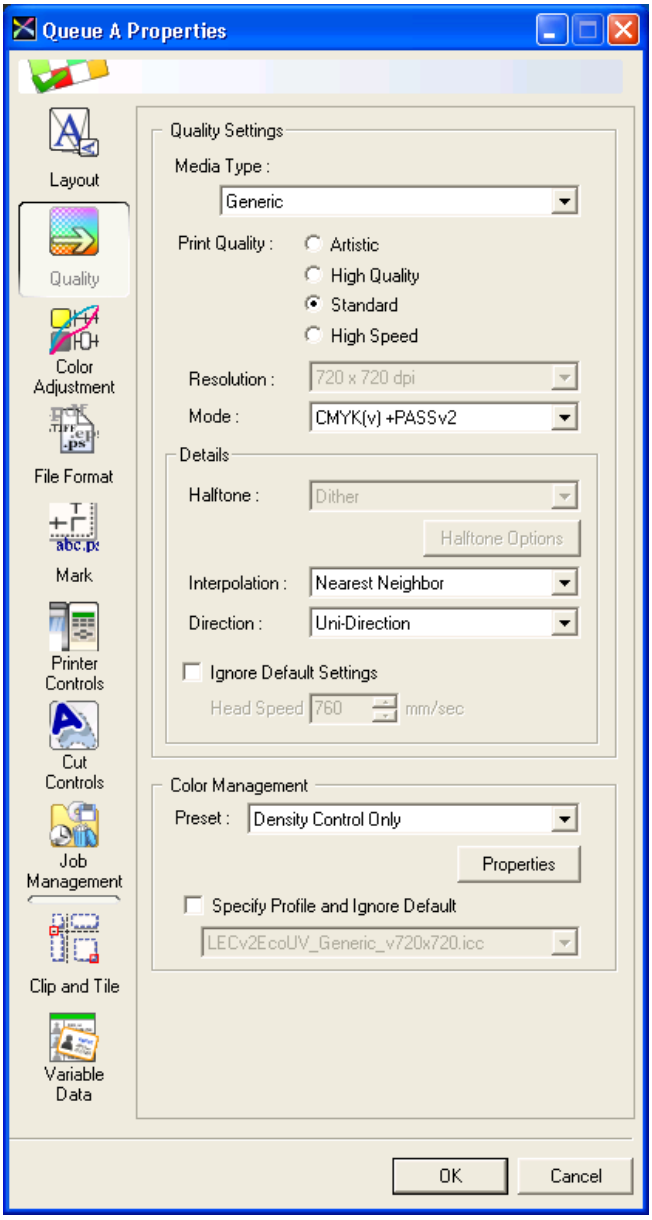

Fig. 4 Properties of the printer queue

Note: In the **Mark** tab you are able to adjust your **Label settings**. These Settings will help you later on, to identify and assign your print to the chosen **Printer Queue**.