

Proof a press with CMYK

<u>Application:</u> QuarkXPress 6.5 <u>Printer:</u> HP Designjet 30/90/130 series <u>Software</u>: EFI Designer Edition for HP <u>Operating System:</u> Windows



- 1. First recommendations:
 - See the <u>Media type functionality & features</u> and choose the most appropriate media.
 - It is essential you have the media type correctly calibrated with the printer and print mode, consult the <u>Calibrate my printer</u> document.
 - If you need to add color profiles in the application, copy them in the next folder: Windows 98 and Windows ME: C:\WINDOWS\SYSTEM\COLOR. Windows XP: C:\WINDOWS\SYSTEM32\COLOR.
 Windows 2000 and Windows NT: C:\WINNT\SYSTEM32\COLOR.
- 2. Open the EFI Designer Edition RIP.
- 3. EFI Designer Edition RIP settings, **Preferences**:
 - **General:** In order to see the print preview in the RIP before printing, uncheck the **Automatic start printing after spooling** checkbox.
 - Color:
 - o Check the Active Color Management checkbox.
 - **Paper name:** Select the paper type that is loaded on the printer (always calibrated) and "Best" print quality.
 - **Print resolution**: 600 x 600.
 - Color output mode: Proof.
 - CMYK: Select the press profile you want to emulate. If it is not there, click the Add profile button and browse to it.

Select the **Relative Colorimetric** intent (select **Absolute Colorimetric** if you want to emulate the white of the paper).

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c	MYK:	Press profile		-	Relativ	e colorimetric (no paper white)	•	
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- Click OK.
- 4. Open QuarkXpress.
- Configure the color Preferences, Edit menu > Preferences... > Quark CMS (left hand menu):
 - Check the Color Management Active checkbox.
 - Destination Profiles:
 - **Monitor**: If you want to get a good display, profile your monitor (<u>how to profile my</u> <u>monitor</u>) and use the setting here to select the monitor profile.
 - **Composite Output:** Select the press profile you want to emulate.
 - Default Source Profiles > RGB tab:
 - **Profile** (Solid Colors/Images): Adobe RGB (1998).
 - o Rendering Intent (Solid Colors/Images): Profile Default.
 - Check Color Manage RGB Sources to RGB Destinations.
 - Default Source Profiles > CMYK tab:
 - **Profile** (Solid Colors/Images): SWOP Press.
 - o Rendering Intent (Solid Colors/Images): Profile Default.
 - Check Color Manage CMYK Sources to CMYK Destinations.
 - **Display simulation:** Select **Monitor Color Space** to get an accurate display of your document, select **Composite Output Color Space** to emulate the press on the monitor (you must have the monitor profile correctly selected on **Monitor** to get a good result).

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Quark CMS		Display Simulation:	Monitor Color Space	~
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- Click OK.
- 6. Open your project, File menu > Open..., and browse it. To insert images, draw a box with the Rectangle Picture Box and insert the image, File menu > Get Picture...:
 - Browse the file.
 - Color Management tab:
 - **Profile:** If the image has an Embedded profile, preserve it, if not, select Default.
 - **Rendering Intent:** Profile Default.
 - Check Color Manage to RGB/CMYK Destinations.

Color Management	OPI PDF Import Insert Chart	
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- Click Open.
- 7. So that you get a good display select the image, and then, **Item menu > Preview Resolution: Full Resolution**.
- 8. QuarkXPress print settings, File menu > Print...:
 - Printer: Select the printer (ex. EFI Designer Edition).
 - Layout tab: Uncheck Separations.
 - Setup tab:
 - **Printer Description:** EFI Software Printer.
 - Paper size: Select the paper size of the media loaded on the printer.
 - **Reduce or Enlarge:** Select the scaling factor you need.
 - **Page Position:** Select the page position you need if the image is smaller than the paper size.
 - Orientation: Select the orientation of your document on the paper.
 - Output tab > Print Colors: Composite CMYK.
 - **Preview tab:** Check the preview of your image on the paper.
 - Profiles tab > Composite: Select the press profile.

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Pri <u>n</u> ter:	EFI Designer Edition					
Print Style:	tyle: Default					
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Modificati	ons in this dialog will affect preferences.					
	Print Cancel Capture Settings					

- 9. Printer settings, **Properties...** button:
 - Advanced...:
 - Paper/Output > Paper Size: Select the paper size you have already selected on the QuarkXPress print dialog box.
 - **Document Options > Printer Features**:
 - Paper Size: Setup
 - Select **RIP's Default** on the others settings.

EFI Designer Edition Advanced Options
EFI Designer Edition Advanced Options
Printer Features Media type: <u>RIP's Default</u> Source: <u>RIP's Default</u> Print mode: <u>RIP's Default</u> Paper size: <u>Setup</u>
OK Cancel

- Click **OK** and **Print**.
- 10. To see the print preview go to the EFI Designer Edition RIP, select the file you have just sent from QuarkXPress and press the **Preview** button, if it is ready click **Print**.

For more information on HP Designjet products

www.hp.com/go/designjet

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