CALDERA 9.20

This document is complementary to the HP WallArt documentation. It describes the setup to print a HP WallArt job for Wallcovering in CALDERA RIP and special considerations for the HP PVC-Free Wallpaper media.

Easy step-by-step instructions

Step 1: CALDERA RIP set-up → optimize number of tiles per row

- 1. Open CALDERA application and select File / Printers Setup
- 2. Select the printer and click Configure...
- In Nest-O-Matik tab, make sure that "automatic rotation", "job reordening" and "create independent rows" are disabled. Also, set Space between nested jobs to 0 in case you don't want to have extra space between tiles.
- 4. Select the printer roll size. Depending on the roll size the configuration will allow one or more tiles per row. You can leave the roll size to "Free" and set the correct size later on in the **Print module**.

00	X	HP-Latex-3000				
Connection Files Ne	st-O-Matik Mis	c Pages				
		Parameters				
🗖 Enable automatic	: rotation	Loading :	Free	Ā		
🗖 Enable job reord	ering	Action :	Print			
Create independ	ent rows	rickon .		<u> </u>		
✓ Centered print						
		Print conditions —				
Covering percen	tage : 80	🛨 🗌 No job re	ceived after (min)	: 15 🗕		
Minimal print len	gth : 20.00		print length : 40	.00 +		
Print full rows se	parately					
manually flushed c	manually flushed only (roll) or job would overlap sheet boundaries (sheet)					
		Spacing		·		
Top page margin :	0.00	Bottom page ma	urgin : 0.00	+		
Left page margin :	0.00	Right page marg	gin : 0.00	+		
Space between nes	ted jobs 0.0	0				
			🦲 inch	\bigcirc cm \bigcirc mm		

Step 2: CALDERA RIP set-up → APPE Settings

1. Make sure you have the following settings in Special Menu / APPE configuration

APPE Options 🔶 🖬 🕽							
Color Management Module	:	Caldera	Ā				
Flattening Behavior for Preview	:	Global	<u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>				
Flattening Behavior for Printing	:	Standard	Ā				
Honor PDF Blending spaces	:	Auto-select	Ā				
Enable XObject caching	:	Auto-select	Ā				
Strict PDF/X mode	:	Enabled	Ā				
Print Annotations	:	None	V				
Enable flattening optimization	Enable flattening optimization of Images						
□ Ignore non-fatal errors							
		Reset to defaults	Close				

Please, note that **Flattening Behavior for Preview** has been set to Global in order to speed up the preview task.

Step 3: CALDERA RIP set-up - Create a Workflow to print HP WallArt Wallcovering Files

- 1. In the Applications bar, click Special menu then Workflow Edition to open the **Workflow Editor**. You can also click the **WorkFlow** icon, in the Applications bar.
- 2. Click New and type a name for the workflow (for instance, PrintHPWallArt).
- 3. Drag and drop the Print module associated to your printer in the window of the Workflow.
- 4. Since the Print module has not been configured yet, its icon will appear as grayed.

00	🗙 WorkFlow Editor
WorkFlow : PrintHPWallArt	New Duplicate Rename Delete Batch File
Delete image after processing : Nev	er 📝
	Quit

- 5. Set up the printing parameters as usual (resolution, media, roll size, etc.). Please, note that depending on the roll size the configuration will allow one or more tiles per row.
- 5. Make sure the Action is set to "Nest", so the Tiles are nested when appropriate.

\varTheta 🔿 🔿 🛛 📉 HP-Latex-3000				
		Sample image		
Copies	:	1 🛔 to Nest-O-Matik		
pages	:	🗖 One page 🔽 All pages		
Resolution	:	300_dpi	Y	
Loading	:	Roll54	Y	
Media	:	HP PVC-free Wall Paper	Y	
Mode	:	СМҮК	Y	
Quality	:	10p 6c 110%	Y	
Action	:	Nest	Y	
Configuration1				
Ready		Print Qu	iit	

Step 4: CALDERA RIP set-up - Compensating paper expansion for HP PVC-Free Wallpaper

Being a fiber based media, the HP PVC-Free WallPaper Media has a small expansion when dipped in water (an average of 1% across the width, almost non along the roll direction). When printing on that media, make sure you set a workflow to compensate for this by sizing the width to 99%.

1. Click the Print module in the Workflow and setup the Page setup settings: Scale Width 99%. Ensure you Keep ratio is not selected to allow different W/H scaling.

00	> O X Page Setup				
E E	nches ⁰ 10 20 30 40 50 Main Marks	S&R Cutting Co	olors		
~~	30 -	Page	e V		
1		: Roll54			Y
(A) - (A)	20 -	— Temp	plate 🔻 —		
2	Format :	Custom	<u> 7</u>	Auto	<u>v</u>
۲		Image size a	and position -		
<u>i</u>		13.89	Height :	19.84	*
Ð	Scale W :	99.00	Scale H :	100.00	•
T		1.56	Y :	0.00	-
Φ		Multi-	page		
	S One page	9	🖌 All pages		
			Invert orde	er	
		Mi	sc		
	30 -	ly if Scale is (%) :	100		<u>.</u>
	50 -				
Unit :	: Opixels Oinches Omm		Print	Reset	Close

NOTE: There is an alternative way to include the compensation typing the compensate factor on the **Media Parameters** tab instead.

0 0	🔀 Media	
Main Settings	Parameters	
🗌 Horizontal d	compensation (%) : 0.00 🖷 Comp	ute
☐ Vertical cor	mpensation (%) : 0.00 🚆 Comp	ute
	Advanced parameter	rs 🔻
Update	Cancel	ОК

Step 5: CALDERA RIP set-up → Activate Workflow

1. Click the **Print** button to activate the module within the Workflow.

😁 🔿 📉 HP-Latex-3000				
	Sample image			
Copies	: 1 🛔 to Nest-O-Matik			
pages	: 🔲 One page V All pages			
Resolution	: 300_dpi 💆			
Loading	: Roll54 💆			
Media	: HP PVC-free Wall Paper 💆			
Mode	: CMYK 💆			
Quality	: 10p 6c 110% 💆			
Action	: Nest 💆			
Configuration1				
\diamond	1 9 10 0			
Ready	Print Quit			

2. Back in the Workflow Editor, quit, it will save automatically

- 1. Open the HP WallArt multipage PDF file: In the Applications bar, click File menu then Open.
- 2. Set the preview parameters to speed up the Preview process.

00	Fileman	
Location : /Images	2	
Name Size		
27286_WA_WCO1WallArtInstructions.pdf 186.		
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		neters (PS/PDF)
	PDF Engine : APPE	
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	All pages C Page 1	≛ to 6 ≛
	File : 27286_WA_	WC01WallArtInstructions.pd1
	Size : 186.63 Kb	
	Date : Mon Nov 25	5 13:45:22 2013
	Format : PDF	
-D C caldera	Dimensions : 500.00 × 23	78.60 mm
File : 27286_WA_WC01WallArtInstructions.pdf	Resolution : 256 × 1218,	13 dpi, 1.19 Mb
Type : Any Kind (*)		
Tab : Current I WorkFlow : None I	Preflight Errors	Setup Open Quit

- 3. To execute your Workflow, go to the Images bar, select the PDF image, and right-click it.
- 4. Select the just created Worflow and send the files to the created workflow. The RIP will start to process the images as specified in previous steps (scaled and nested)

Resources

Additional help and or technical support can be found on the CALDERA website.

Disclaimer

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