



# Flexi<sup>®</sup> 22

[thinksai.com](http://thinksai.com)



# Unicode

Flexi 22 is Unicode!

Flexi language can be set independently from the operating system language.

For example, one can run Flexi in Japanese while Windows is in English.



# SAi Connect

The screenshot shows the SAi Connect dashboard with a sidebar on the left containing navigation options: Apps & Updates, Home, All apps, Updates, Common, Statistics, Resources, and Tech support. The main content area features a 'SUBSCRIPTION PLANS' section with promotional banners for Flexi (€59<sup>99</sup>) and EnRoute (€89<sup>99</sup>). Below this is a 'Welcome, Radisa Sign Shop!' message and four software tiles: EnRoute 7 (Version: 7.0.0.848), Find my Font SAI Edition (Version: 3.4.2.0), FlexiSIGN & PRINT 22 (Build Number: 3714), and Production Manager 22 (Build Number: 3714). At the bottom, there are three charts: 'Media usage' (a bar chart), 'Ink usage' (a stacked bar chart), and 'Jobs Counter' (a line chart showing data for Wed, Thu, Fri, Sat, Sun, Mon, Tue). A 'Subscription notifications' section is partially visible at the bottom left.

## SAi CONNECT

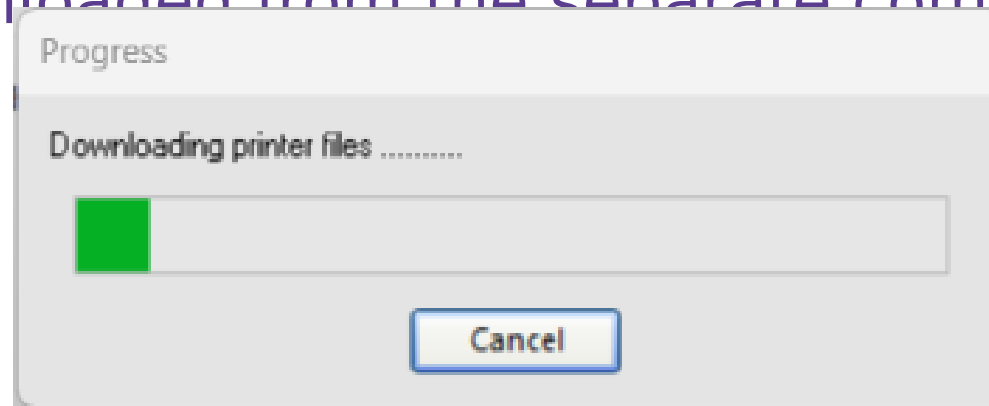
This new dashboard makes it easier-than-ever to manage all your SAi software licenses and subscriptions, access SAi's useful tools and how-to information, see statistics about your production, and available updates for your software.



# Printer Drivers

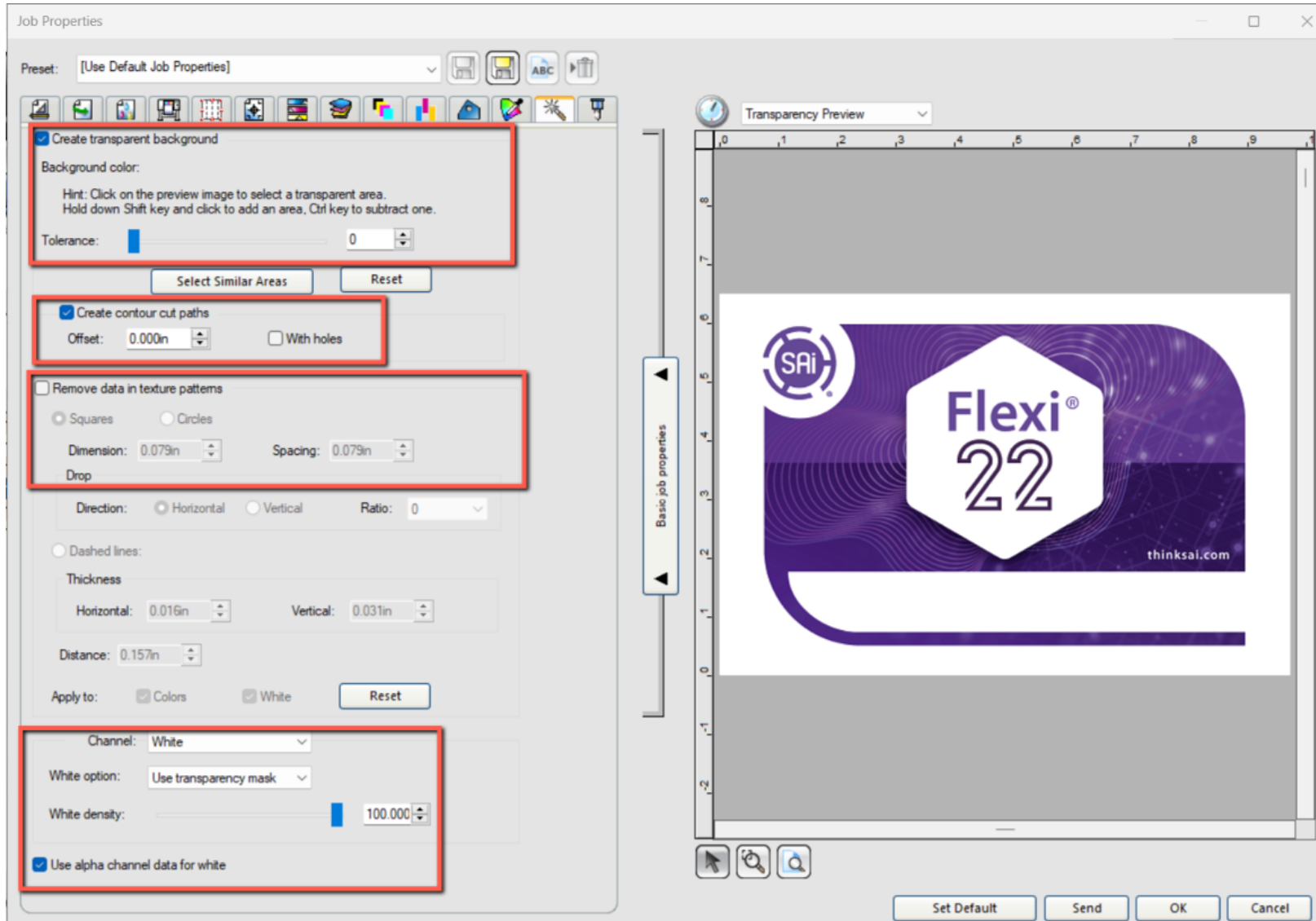
Printer drivers are separated from the core program

- Driver Files will be downloaded when setup is added to Production Manager
- We can, now, update and add new drivers without updating Flexi
- For the off-line installation, driver installer can be downloaded from the separate computer





# Transparency Tab



Transparency Tab is must have for DTG/DTF application

Quickly create transparent background

Create Contour Cut Path

Remove data in texture patterns

Control White Density

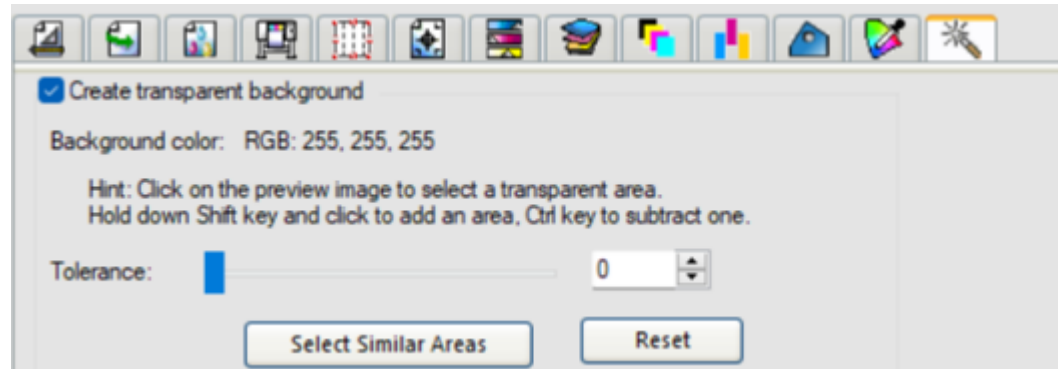
New White options





# Transparency Tab

## Create Transparent Background



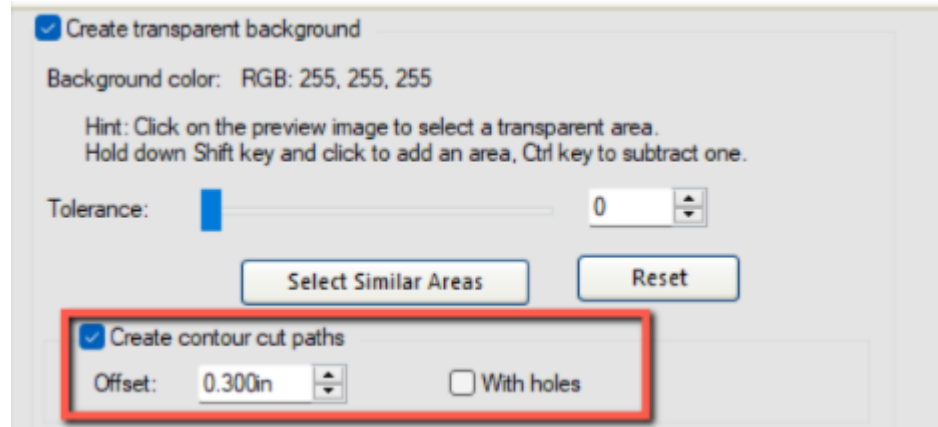
Create transparent background by clicking on the preview to select transparent area. Adjust tolerance for higher sensitivity or Select Similar Areas remove like colors.





# Transparency Tab

## Create Contour Cut Paths



Once you create the transparent background, if you need to do contour cutting, you can create Contour Cut in the Production Manager.





# Transparency Tab

## Remove Data in texture patterns

Remove data in texture patterns

Squares  Circles

Dimension:  Spacing:

Drop

Direction:  Horizontal  Vertical Ratio:

Dashed lines:

Thickness

Horizontal:  Vertical:

Distance:

Apply to:  Colors  White



For better breathability of the garment, you can Remove Data in texture patterns. Specify shape, size and ratio.

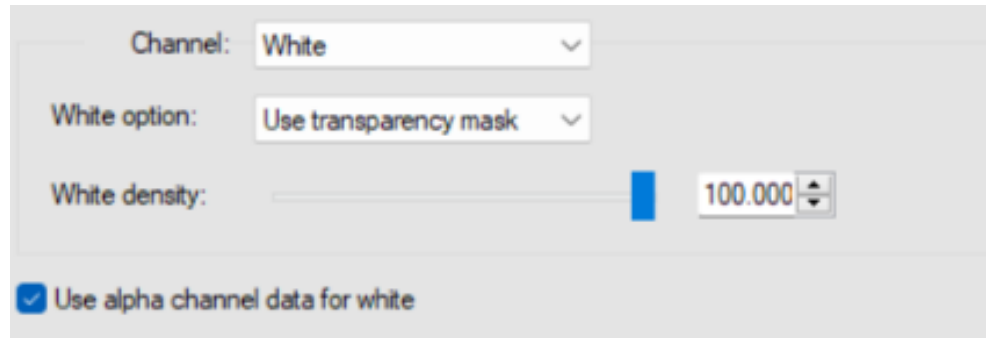
Apply to color or white or both





# Transparency Tab

## White Options



Chose your white channel options.  
Use transparency mask option to print under entire non-transparent image area.

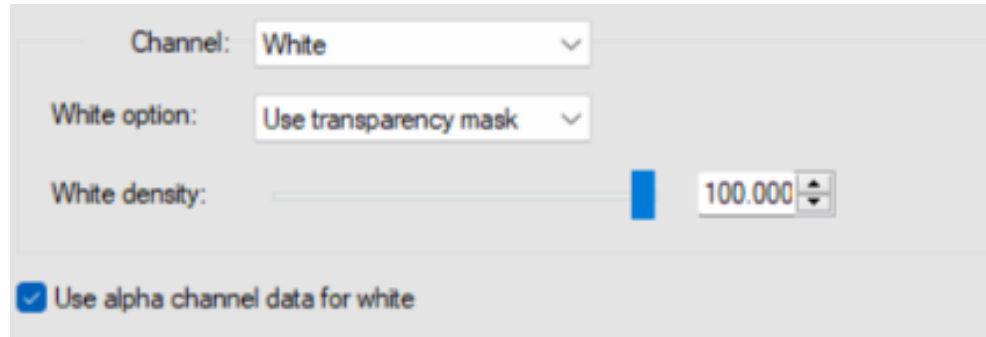
Select alpha channel to apply white to transparent PNG or TIFF files.

Or select Solid Under Color, Variable Under Color. Inverted Variable Under color or Spot



# Transparency Tab

## White Options



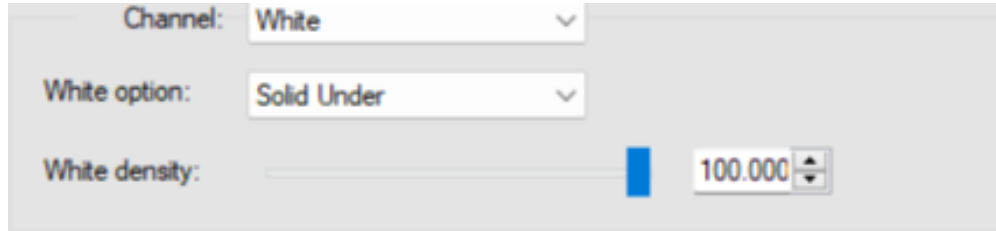
**Use Transparency Mask for TIFF and PNG by selecting Use alpha channel data for white**





# Transparency Tab

## White Options



**Make transparent background  
and Select Similar Area**





# Transparency Tab

## White Options

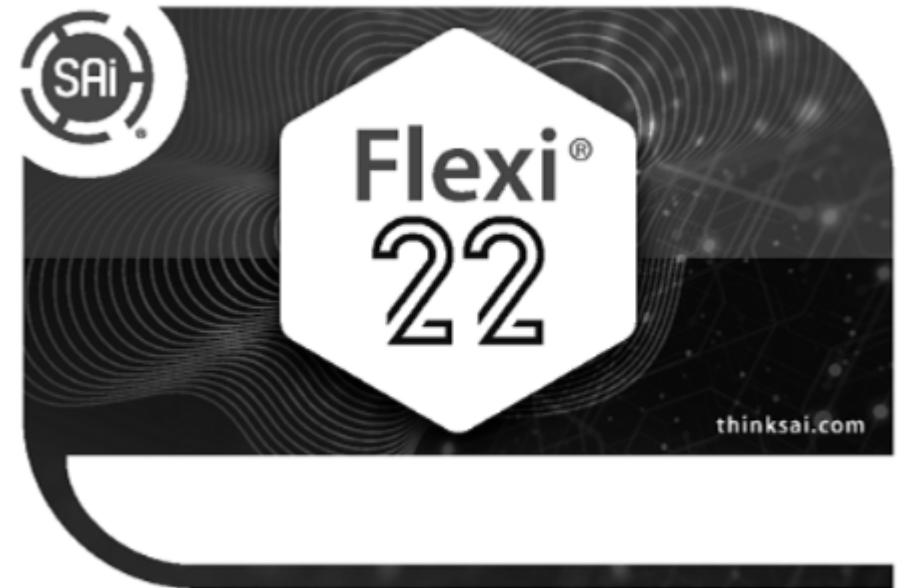
Channel:

White option:

White density:



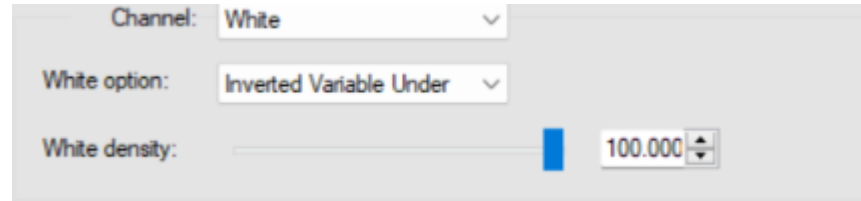
## Variable Under





# Transparency Tab

## White Options



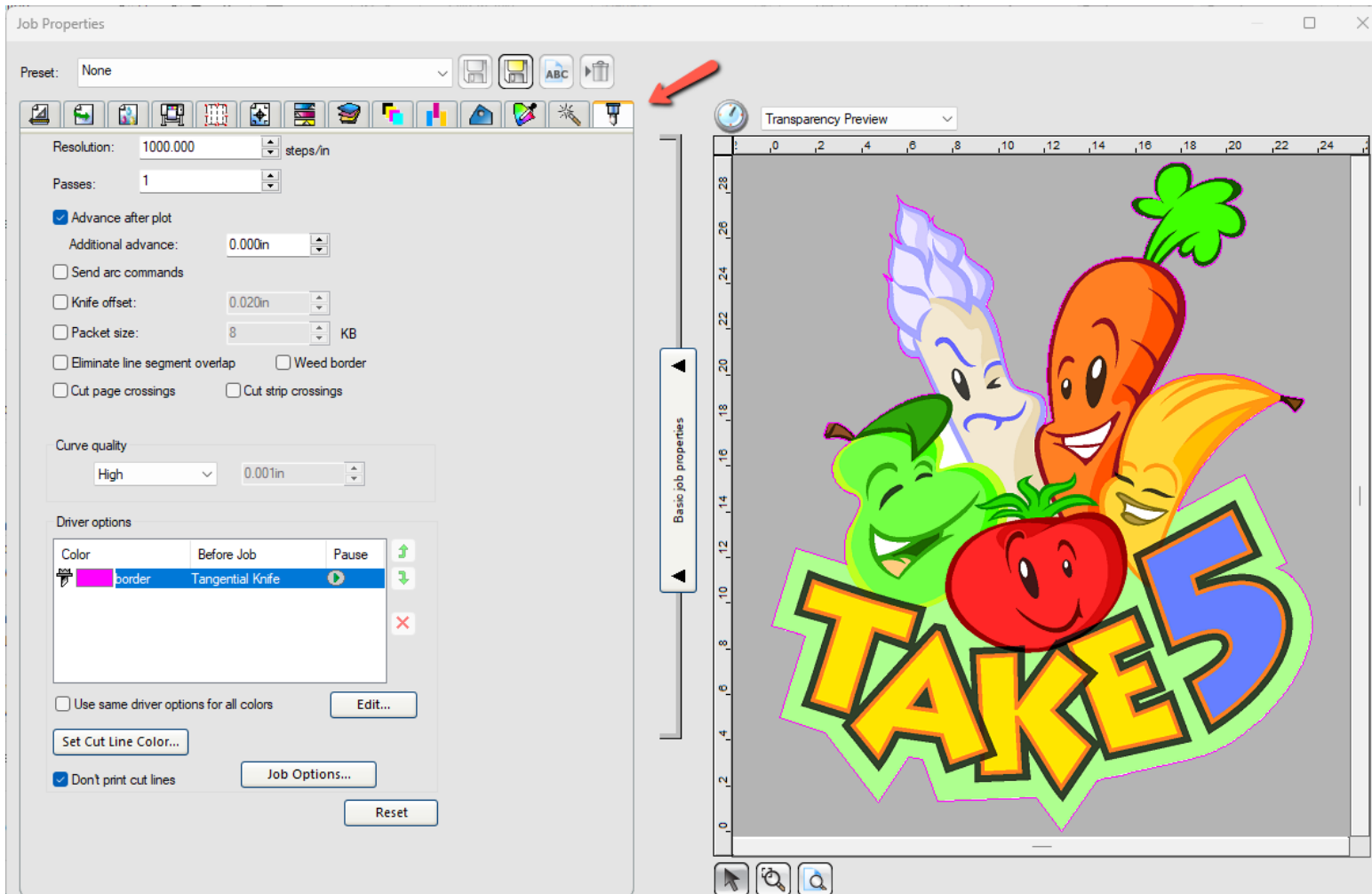
## Inverted Variable Under





# Cut Tab

**Cut Tab will be available in the Production Manager when Contour Cut line is created in Production Manager either via Create Transparent Background tool or Cut Along Page Border.**





# Order Reprints

This feature is to create and store print orders (with original job files and settings) in Production Manager, and then retrieve them to be printed again.

Two new menu commands are added for this, Create Order and Reprint Order.

The archived files are stored in the /Orders folder inside the archive folder specified in the Preferences dialog.

In Production Manager under File menu

**Create Order**

Order ID:

Customer name:

Order date:

Comments:


**Order Reprint**

Orders:

Customer name: Cus  Order date: Thursday, April 15, 2021

Comments: Order for customer 3

Job Name	Sender	Dimensions	Copies
Dolls.tif	Wenhong	4.016 x 4.016in	1
Indian.tif	Wenhong	4.016 x 4.016in	1
Leaf.tif	Wenhong	4.016 x 4.016in	1
Shield.tif	Wenhong	4.016 x 4.016in	1
Ship.tif	Wenhong	4.016 x 4.016in	1
Sign Shop.tif	Wenhong	4.016 x 4.016in	1





# Choke only RIP generated white

Choke and Bleed Options for White

Type:  Choke  Bleed  None

Distance: 0.000mm

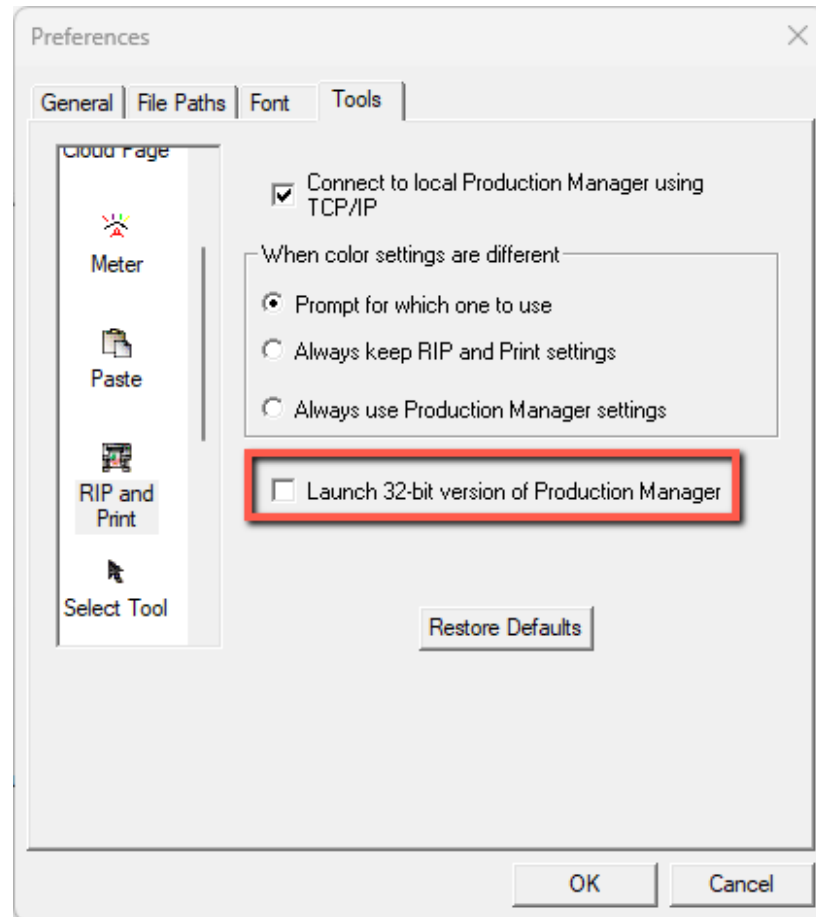
Choke only RIP generated under white data

OK Cancel

Option to apply choke to only white data generated by the rip. Example is printing white for DTF or DTG.



# Launching 32 or 64-bit version of Production Manager

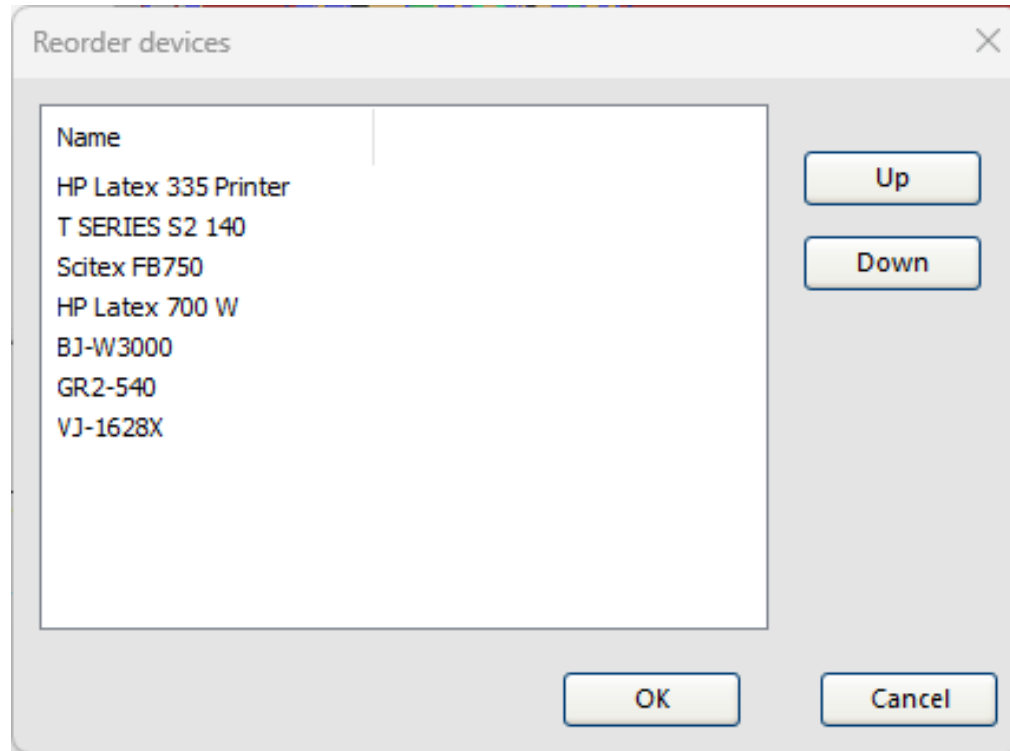


Specify to open 32-bit or 64-bit version of Production Manager  
This option is for the customers that have older devices for which there is no support in 64-bit environment.

Flexi  
Preferences/Tools/Rip



## Reorder of Setups in PM

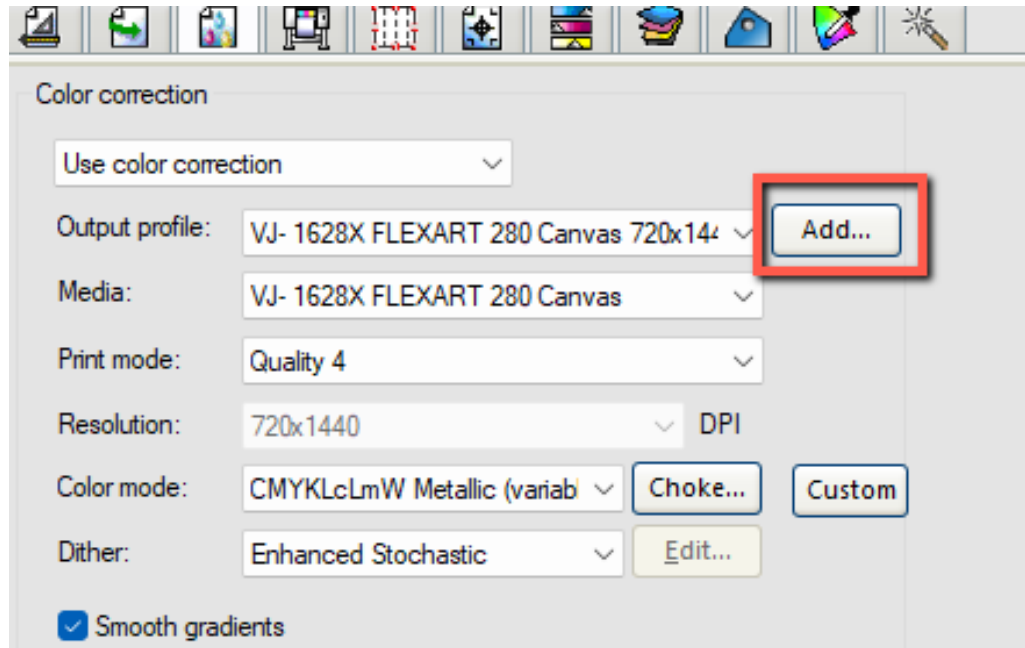


In Production Manger go to View/Reorder Devices, to reorder devices on setup tool bar





# Add Output Profiles



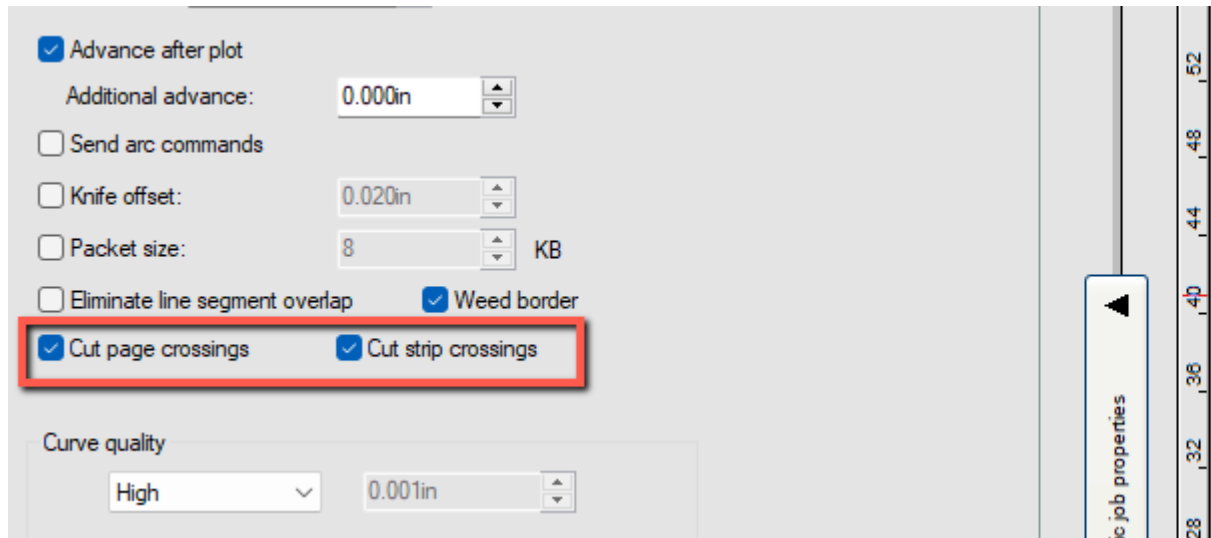
Intuitive way to add output profiles  
Note that only profiles created With Flexi can be added this way



# Cut Page Crossing

**Cut Page Crossing** and **Cut Strip Crossing** added to Default Job Properties and Job Properties in Production Manager.

This will allow to users who submit tiled jobs with contour cut paths directly to Production Manager to close the cut contour shape.  
Available on Cut tab in Production Manager





# Job Estimate Improvement

Ink Estimation added to Job Estimation tool in PM

The screenshot shows a 'Job Estimation' dialog box with the following sections:

- Choose media and special services to be included in the estimation**
- Job Coverage:** Includes a checked 'Automatic' checkbox and three input fields with values 5.301ft, 3.278ft, and 1.
- Media:** A dropdown menu set to 'Paper'.
- Services:** A list of services with checkboxes and prices:
  - Foamcore \$69.50
  - Frame \$34.31
  - Lamination \$86.88
  - Ink cost: \$2.45 (highlighted with a red box)
- Calculations:** A summary table showing:

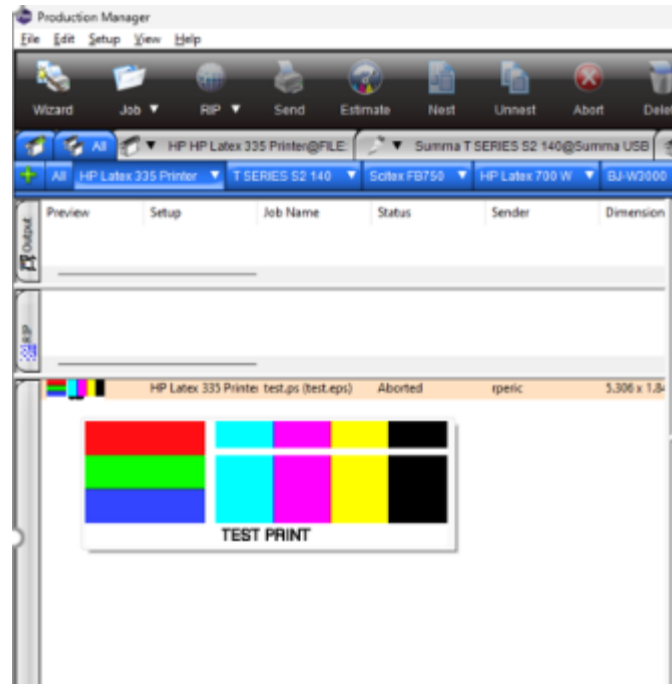
Job coverage:	17.38 sq. ft. (x1)	\$86.88
Special services:	Number of Services (x3)	\$190.69
Tax %:	6	
<b>Total:</b>		<b>\$296.82</b>

Buttons for 'OK' and 'Cancel' are at the bottom.

- Configure ink estimation tool
- Rip the job
- Open Job Estimation from File/Job Estimation



# Thumbnails in PM Queue



Small thumbnail will be shown for jobs in the Production manager queue.  
Larger thumbnail will be shown on mouseover  
If you break tiles apart each individual tile will show its own thumbnail.



## Adding Jobs to the Nested Group

	VJ-1628X	Dance Studio.pd	Holding	rperic
	VJ-1628X	Nest (6 jobs)	Holding	rperic
		Cabernet.pd		rperic
		Cactus Saloon.		rperic
		Chicago Pizza.		rperic
		Cinderella.pd		rperic
		Coast Roastery		rperic
		Color Chart.pd		rperic

Production Manager

Do you want move job in nest job?

Yes No

It is no longer necessary to un-nest jobs to add new job to the group. Simply add new job to the queue, then drag and drop to the nested group.

This option can be used to add “orphaned” tiles to the nested group for substrate saving and efficiency. Tiled job needs to be broken apart and individual tiles can be added to the nested group.






# Tiles count in Job Info

Number of tiles will be displayed in job info pane.

For very small tiles we will display a warning

Warning will be displayed for very small tiles

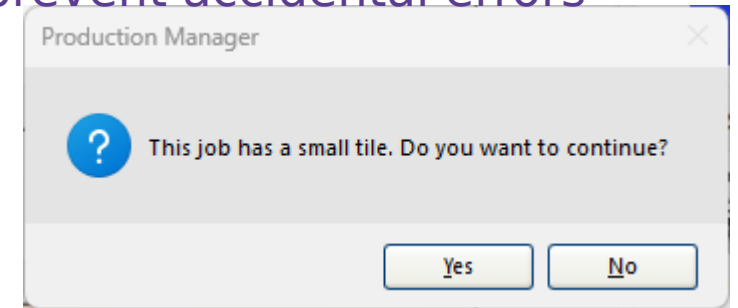
To prevent accidental errors



Job Name Classic-Car-and-bunting\_9-5inx14in.jpg  
Setup HP Latex 700 W  
Sender rperic  
Date 4/29/2022 3:03:53 PM  
Color CMYKW 8 bits  
Output profile Generic Cast Self-Adhesive Vinyl\_12p6c110\_WSP100.icc  
Dither type  
Type Print job  
Copies 1  
Tiles 4 enabled, 0 disabled  
Dimensions 14.240 x 9.493in  
File Size 4704.2K  
# Pages 1  
File type JPEG  
After Output Delete  
Resolution 600x600 input  
Path C:\Users\rperic\Documents\Images\RIP Test Files\

Copies 1

Tiles 4 enabled, 0 disabled





# Print Labels Position

The screenshot shows a software interface for configuring print labels. The 'Print labels' section is highlighted with a red border. It includes a 'Color' dropdown set to 'Black' and a 'Knock out white' checkbox. The 'Width' is set to '0.512in'. The 'Print labels' checkbox is checked. Under 'Position', 'Top' is checked, while 'Right', 'Left', and 'Bottom' are unchecked. A font size of '12 points' is selected. The 'One set for all copies / pages' checkbox is also checked. Below this, there is a 'Font' dropdown set to 'Helvetica' and an 'Add...' button. A list of checkboxes includes 'Printer name' (checked), 'Resolution', 'ICC output profile', 'Preset', 'Tile number', 'Overlap', 'Notes' (checked), 'Job name', 'Job size', 'Dither type', 'Starting time of RIP', 'Page number', and 'Number of copies'.

Chose where to print labels. Top, bottom, right or left.  
One set for all copies will create one set of labels for multiple copies, nested, tilled or multipage files.



# Printing Labels with Fotoba marks

Labels with job information can, now, be printed together with Fotoba marks.

The screenshot shows a software interface for printing labels. The settings are as follows:

- Color:** Black (dropdown menu),  Knock out white
- Width:** 0.906in (dropdown menu)
- Print labels:**  Print labels
- Position:**
  - Top,  Right,  Left,  Bottom
  - Font size: 12 points (dropdown menu)
  - One set for all copies / pages
- Font:** Helvetica (dropdown menu), Add... (button)
- Checkboxes:**
  - Printer name,  Job name
  - Resolution,  Job size
  - ICC output profile,  Dither type
  - Preset,  Starting time of RIP
  - Tile number,  Page number
  - Overlap,  Number of copies
  - Notes: (text area below)
- Print marks:** Fotoba Mark (dropdown menu), Options (button),  Print negative
- Tile overlap lines:**  Tile overlap lines,  On both tiles
- Print color bands:**  Print color bands,  Top,  Right,  Left,  Bottom



# Kongsberg File Support

Kongsberg Mark Options

Circle diameter:  6 - 24 mm

Maximum distance between marks:  30 - 500 mm

Distance between job and marks:  0 - 50 mm

Add white or yellow background

Invert mark and substrate

Print barcodes

Barcode Positions

Left  Right  Top  Bottom

Camera Type

I-Camera  I-Cut Camera  ARS

Barcode Type

Barcode  Data Matrix  QR code

Print file ID

Scale x:  %

Scale y:  %

Length: 5.118110 in

Height: 0.511811 in

OK Cancel

Support for Kongsberg cutting table files in Flexi and Production Manager.

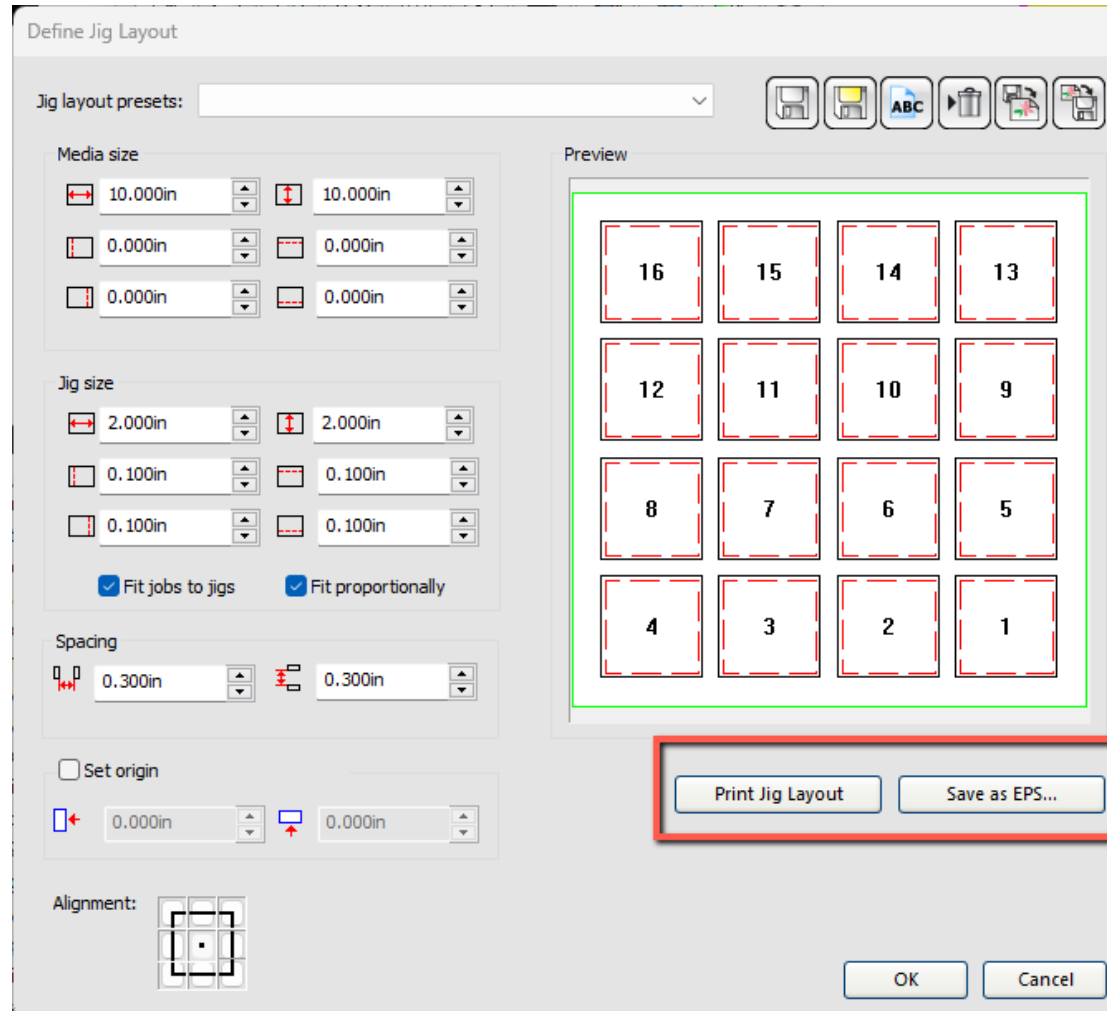
Support for Barcode, QR code and Data Matrix

New iCut script 2.0 file support



# Save JIG layout as EPS

Save and export JIG layout as EPS for creating actual physical JIG part



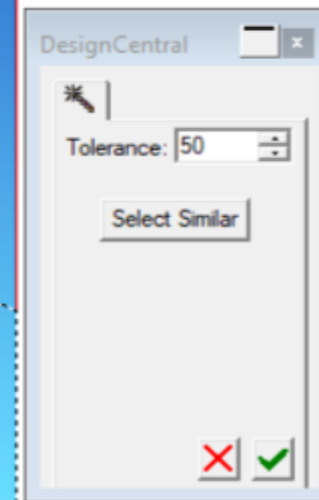




# Dynamic Marquee for Make Transparent



Change Marquee dynamically when the user change the Tolerance of Make Transparent





# Cannon and Grafityp Swatch library

Added Cannon swatch library with fluorescent inks

Swatch Table - CANGP21\_FP

Name	Vendor	Type	Part #
<input checked="" type="checkbox"/> Transparent			
<input type="checkbox"/> CANGP21_FP10Canon		CANGP21_FP	1
<input type="checkbox"/> CANGP21_FP10Canon		CANGP21_FP	2
<input type="checkbox"/> CANGP21_FP10Canon		CANGP21_FP	3
<input type="checkbox"/> CANGP21_FP10Canon		CANGP21_FP	4
<input type="checkbox"/> CANGP21_FP10Canon		CANGP21_FP	5
<input type="checkbox"/> CANGP21_FP10Canon		CANGP21_FP	6
<input type="checkbox"/> CANGP21_FP10Canon		CANGP21_FP	7
<input type="checkbox"/> CANGP21_FP10Canon		CANGP21_FP	8
<input type="checkbox"/> CANGP21_FP09Canon		CANGP21_FP	9
<input type="checkbox"/> CANGP21_FP09Canon		CANGP21_FP	10
<input type="checkbox"/> CANGP21_FP09Canon		CANGP21_FP	11
<input type="checkbox"/> CANGP21_FP09Canon		CANGP21_FP	12
<input type="checkbox"/> CANGP21_FP09Canon		CANGP21_FP	13
<input type="checkbox"/> CANGP21_FP09Canon		CANGP21_FP	14
<input type="checkbox"/> CANGP21_FP09Canon		CANGP21_FP	15
<input type="checkbox"/> CANGP21_FP09Canon		CANGP21_FP	16
<input type="checkbox"/> CANGP21_FP08Canon		CANGP21_FP	17
<input type="checkbox"/> CANGP21_FP08Canon		CANGP21_FP	18
<input type="checkbox"/> CANGP21_FP08Canon		CANGP21_FP	19
<input type="checkbox"/> CANGP21_FP08Canon		CANGP21_FP	20
<input type="checkbox"/> CANGP21_FP08Canon		CANGP21_FP	21
<input type="checkbox"/> CANGP21_FP08Canon		CANGP21_FP	22
<input type="checkbox"/> CANGP21_FP08Canon		CANGP21_FP	23
<input type="checkbox"/> CANGP21_FP08Canon		CANGP21_FP	24

Updated Grafityp swatch library

Swatch Table - GEF swatches glossy

Name	Vendor	Type	Part #
<input checked="" type="checkbox"/> Transparent			
<input type="checkbox"/> GEF01 white	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF05 Ivory	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF11 Sulphure	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF13 Shell yell	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF15 yellow	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF17 Gold yell	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF22 Pastel or	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF25 Light Or	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF26 Orange	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF31 Orange f	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF33 Light Rec	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF35 Red	Grafityp	GEF swatches gloss	
<input type="checkbox"/> GEF37 Dark red	Grafityp	GEF swatches gloss	

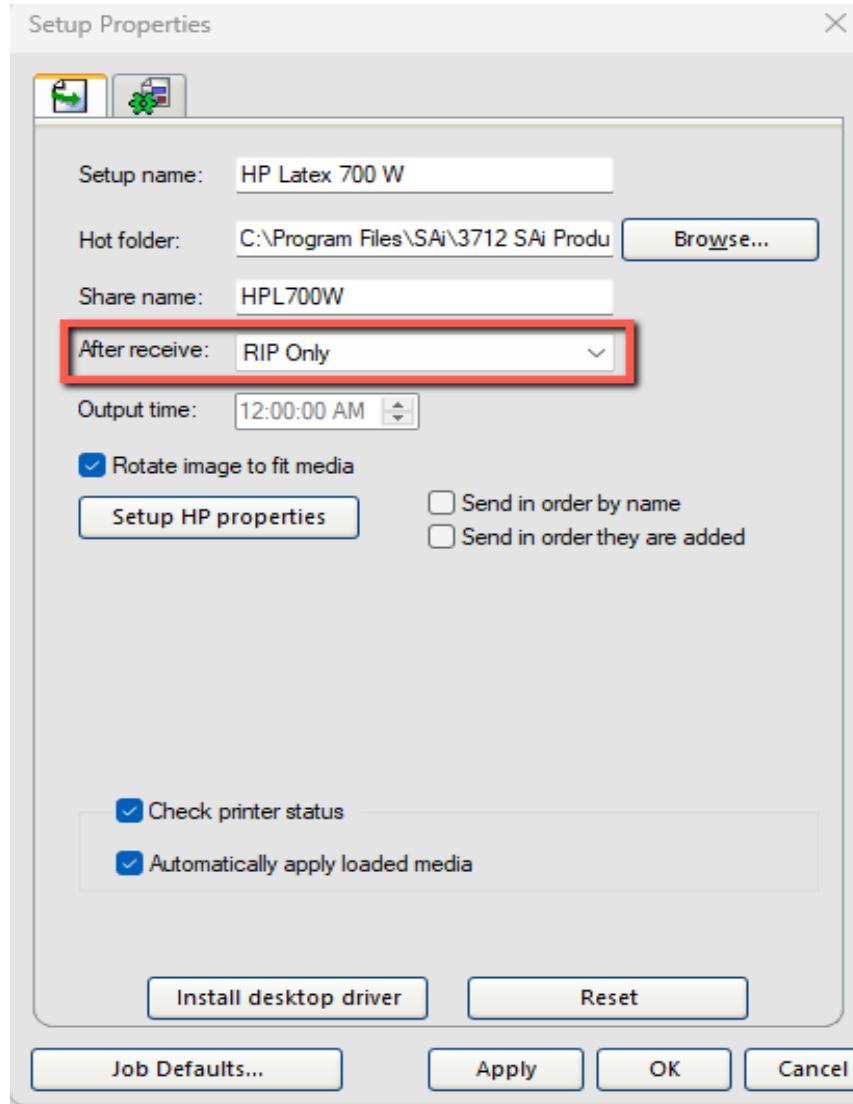


# Flexi Designer

**We have removed restrictions from Flexi DESIGNER 22 and Flexi Design for communicating with OEM versions of Production Manager of the same version, v22 to v22.**



# After Receive “RIP Only”



Added option to “RIP Only” after receiving job to hot folder.

Time saving option. Jobs will be ripped while you work on preparing other print jobs.



## Import presets to Flexi Designer

Presets created in Production Manager can, now, be imported from Rip & Print window in the Flexi Designer.

If customer is using multiple FlexiDESIGN applications for sending jobs to Production Manager, presets created in Production Manager can be imported into FlexiDESIGN. This will cut on mistakes when jobs are sent with incorrect print settings

