

A man with a beard and glasses, wearing a blue and white plaid shirt, is focused on his work in a factory or industrial setting. He is looking down at a piece of paper or a small object in his hands. The background is blurred, showing industrial equipment and lights.

# Phoenix

What's new 24.11

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October 2024

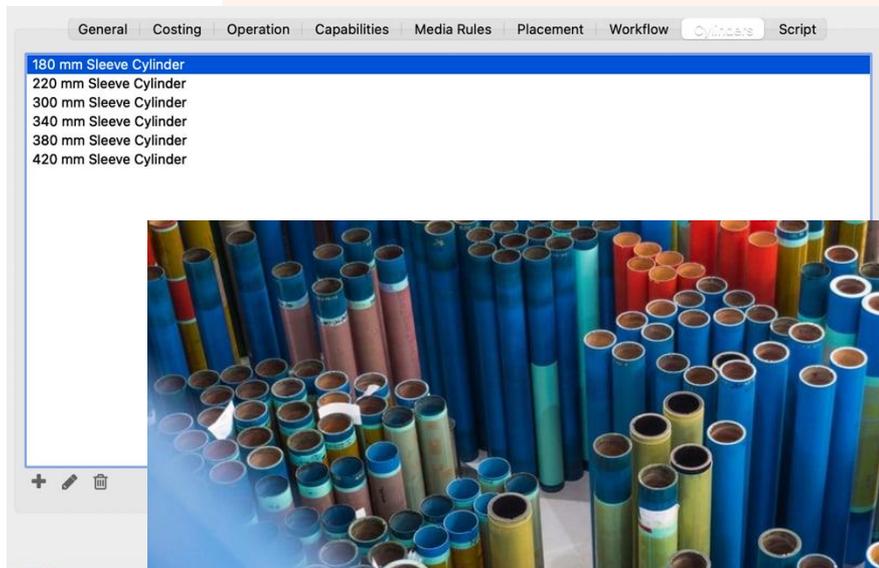
# New Features



## Printing

# Flexo Presses

- Phoenix now fully models web-fed Flexo devices
- Fixed size gears or sleeves included in Flexo model and handled automatically in the Imposition AI Plan tool
- Accurate time and cost estimates include plate costs, press setup, and running waste



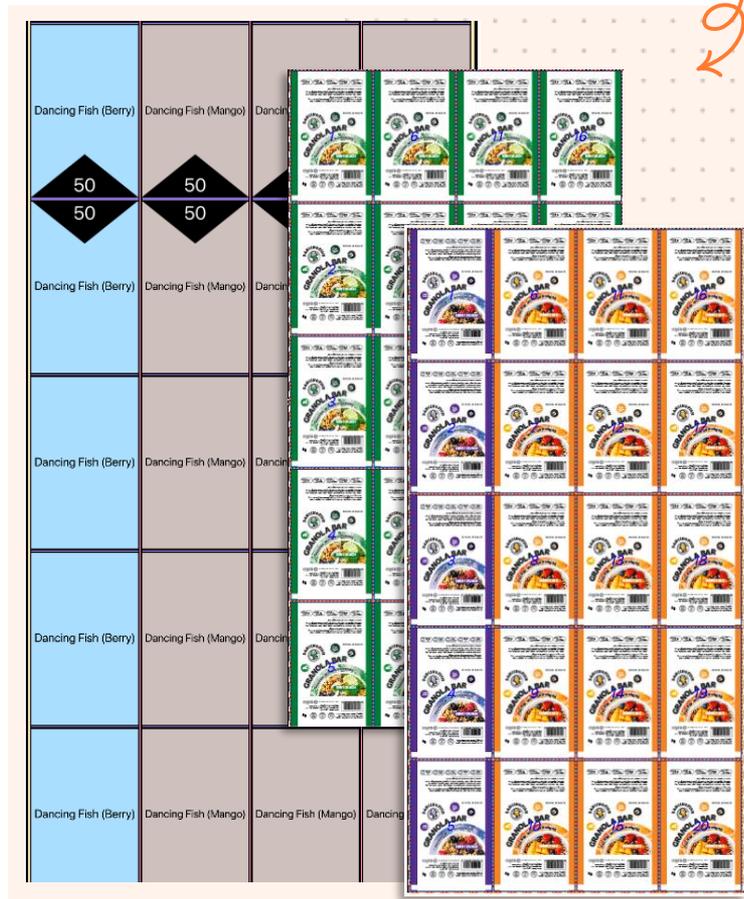


## Label Production

# New Roll-Fed Label Intelligence

Several Imposition AI enhancements for roll-fed label production

- New Plan tool algorithm to optimize label production even further than previous releases
- New lane-level granularity planning rules
- Control over whether rotary dies can span across printing frames or not
- New option to allow or disallow mid-frame label transitions



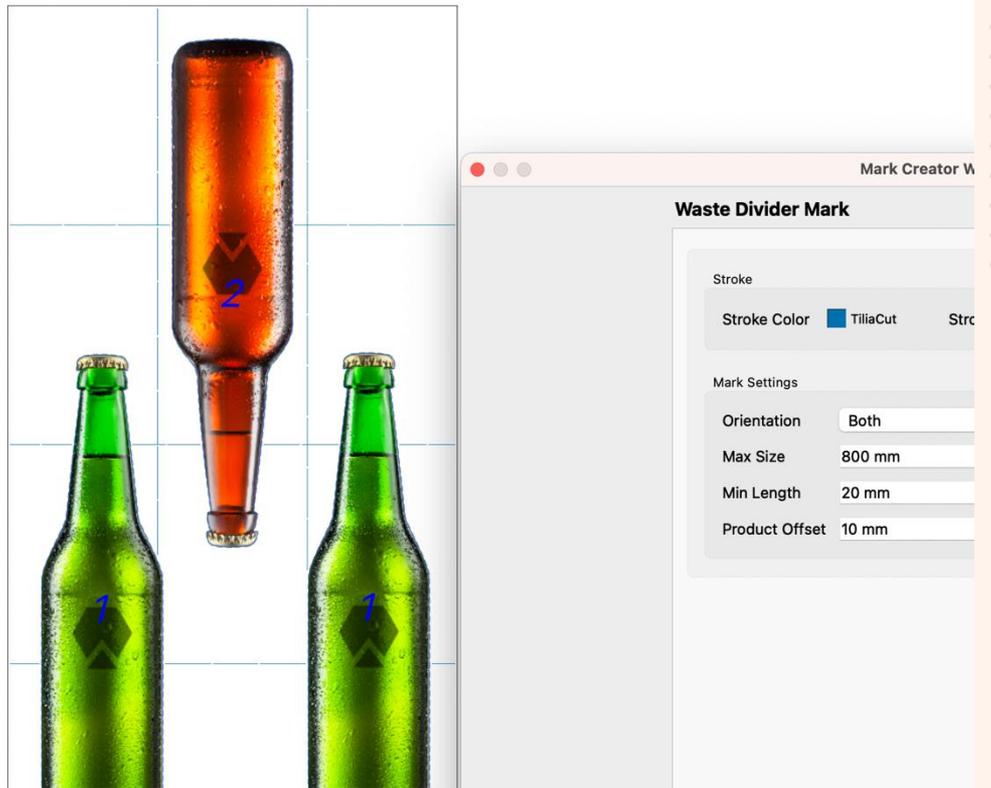


Wide Format

# Waste Dividers

New fully automated waste divider mark

- Adds cutting lines to help digital cutting table operators dispose of leftover board waste
- Highly flexible: Orientation, spacing, offset options to control automated line placement
- Optional nicks option to add small gaps to loosely hold waste areas together on the cutting table



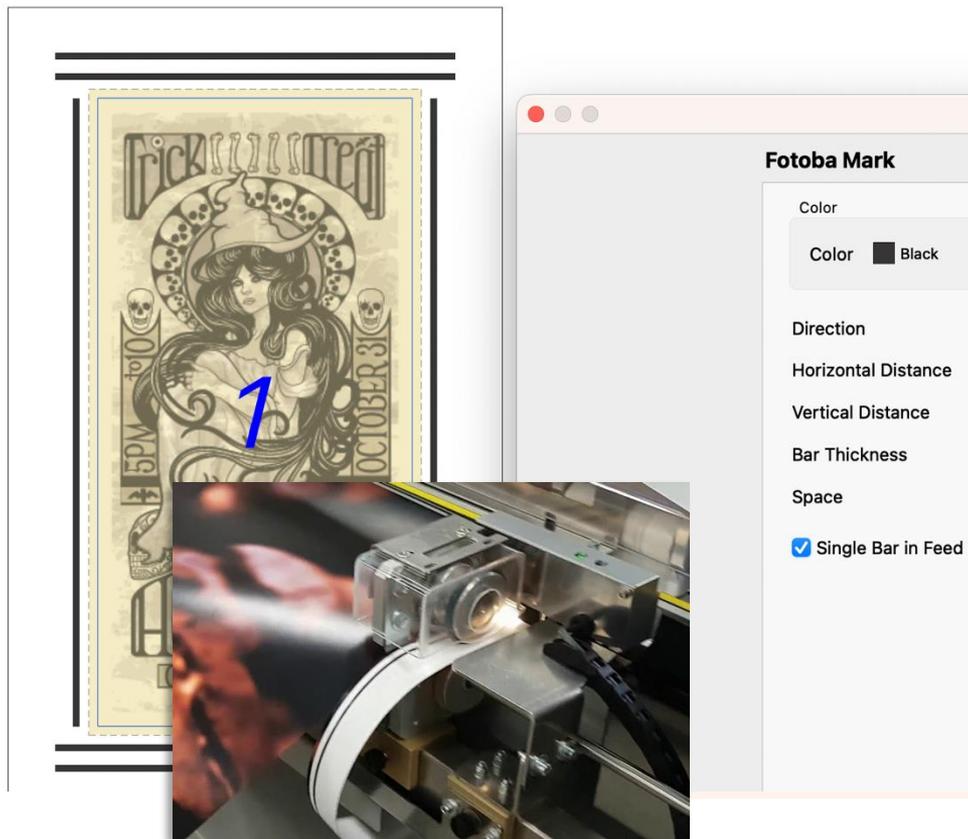


Wide Format

# Fotoba Marks

New Fotoba mark type

- Automatically adds the indicator bars around items needed to drive Fotoba cutting devices
- Supports multiple models with options to control direction, spacing, thickness, and more
- Support for single or double bar styles in the feed direction



# Improvements



## Finishing

# Eye Mark Enhancement

- Added new Horizontal Anchor option
- Ensures that eye marks are placed at a fixed distance from the edge of the roll for easier alignment with eye cameras

**Eye Mark**

Mark Settings

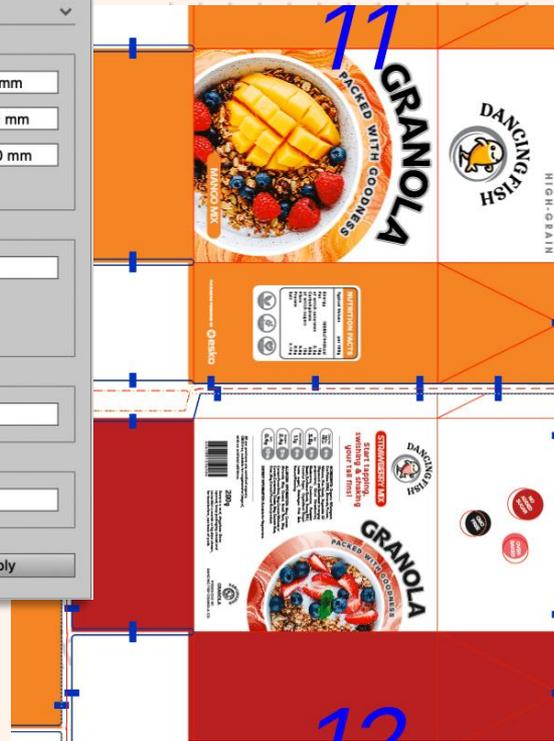
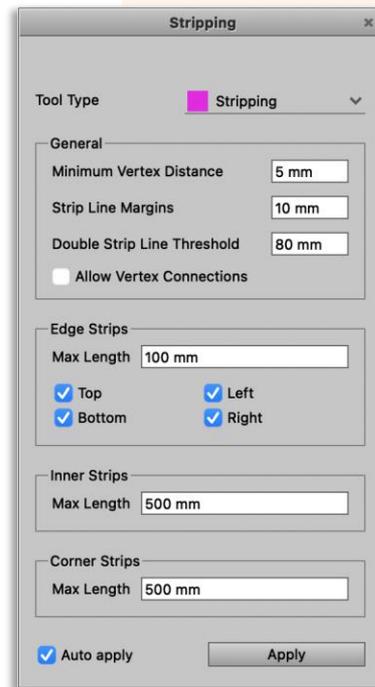
Stroke	<input checked="" type="checkbox"/> None
Fill	<input checked="" type="checkbox"/> Black
Thickness	0 mm
Width	6 mm
Height	6 mm
Gap	3 mm
Columns	First and last <input type="button" value="v"/>
Rows	All <input type="button" value="v"/>
Position	Bottom <input type="button" value="v"/>
Horizontal Anchor	Sheet <input type="button" value="v"/>



## Folding Cartons

# Strip and Nick Improvements

- Stripping tool now a floating panel with auto-apply option to quickly edit stripping settings in the layout
- Improvements to strip line generation algorithm
- Improvements to nick visibility at all zoom levels
- Nicks are now only added to outer cut lines in dies



# Several bug fixes



Issue key	Summary
<b>PX-160</b> <b>PX-205</b>	Adding dies to the Die Design library from CAD files with mirrored dies resulted in both mirrored and non-mirrored dies getting added
<b>PX-260</b>	Nicks are missing on 1ups with CFF2 and DXF export
<b>PX-481</b> <b>PX-491</b> <b>PX-511</b>	Die templates from projects saved before 24.07 were grouped when the project was opened in 24.07, causing device-level marks to disappear in some scenarios
<b>PX-483</b>	Tiled products with overlaps and no-image margins not being masked correctly in 24.07
<b>PX-490</b>	Warning message occurred when duplicating Rotary Die Cutters in the Things panel
<b>PX-545</b>	When importing Phoenix libraries (PHXLIB) from a different computer, custom marks were missing their PDF artwork files
<b>PX-595</b>	Open API specification for Phoenix REST API contained some incorrect "Enum" values
<b>PX-704</b>	Changing content margins using the Media Tool was not updating margins on the back side of layouts