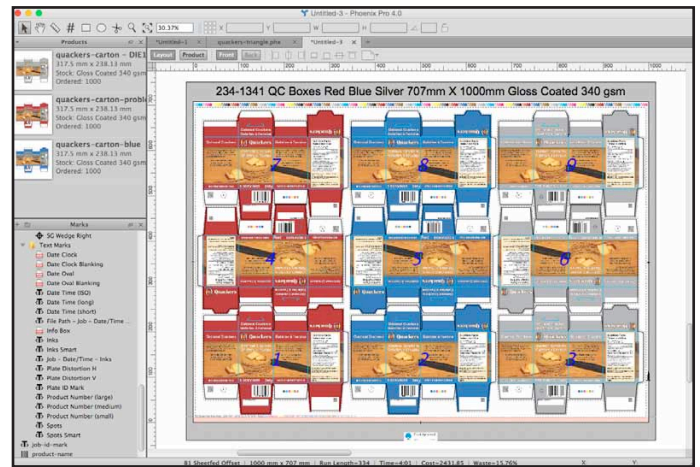# PHOENIX

IMPOSITION & PLANNING UNITED

Mac and Windows

IMPOSITION AND PLANNING UNITED means your prepress and estimating departments no longer have to waste valuable time repeating the same work. Estimate your layout and use the same job in prepress to produce your print ready output. Less time, less errors, less cost.

IMPOSITION

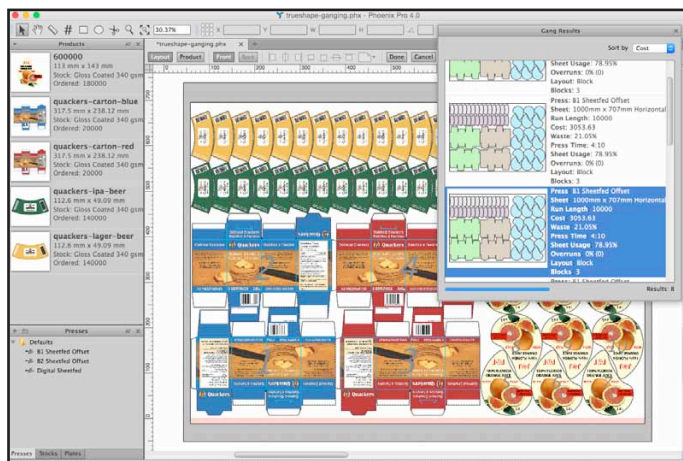Each imposition tool in Phoenix is packed with smarts, allowing you to do more in LESS TIME and with FEWER ERRORS.

> Streamlined CAD Step-and-Repeat
> Instant Artwork to Die Alignment
> Rule-Based Auto Ganging
> Grid Based Step-and-Repeat
> Powerful Dynamic Marks
> Live preview with Adobe PDF Library

" Within the first week of our trial we were sold. We were able to create print-ready layouts in Phoenix over three times faster than our existing solution. Since the switch to Phoenix we have been able to simplify our workflow and reduce errors significantly during both pre-press and post-press. "

-Ricardo Reis, Pre-Press Operator
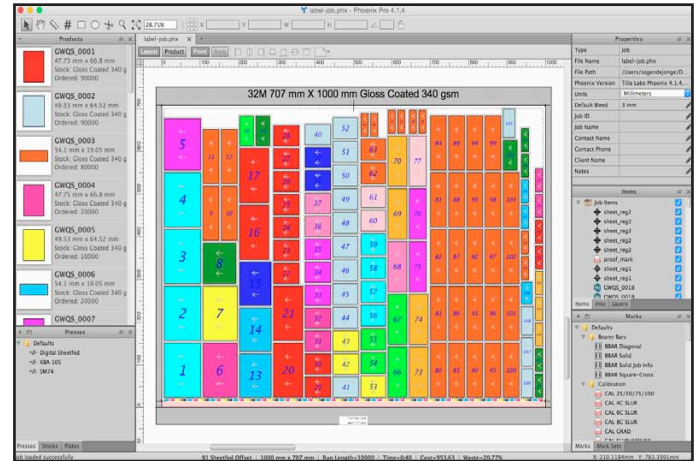*Cartonagem Cardoso, Portugal*

PLANNING

Phoenix is designed around planning and estimating. Import job requirements from your MIS or Spreadsheet and let Phoenix generate accurate estimates in seconds.

> Import CSV from MIS or Spreadsheet
> Plan based on actual press requirements
> Specify costs for press, stock, sheets and plates
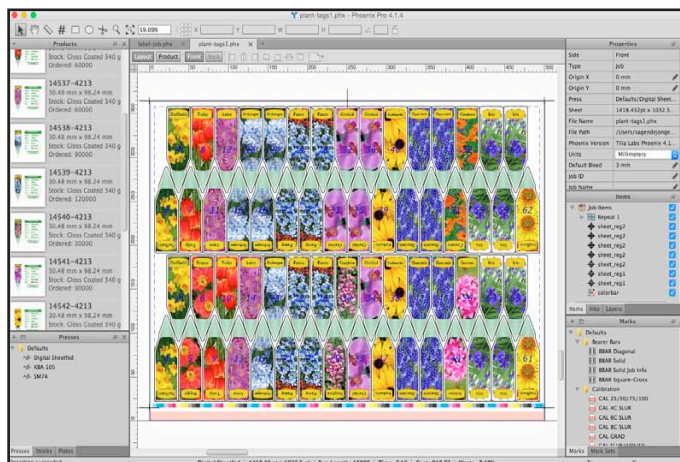> Export job reports to share across departments

At the heart of Phoenix is a REVOLUTIONARY ganging engine designed to MINIMIZE both press costs and post-press complexity.

> Auto-generate cost-optimal layouts
> Find best sheet/press combos
> True shape tightly nested layouts
> Optimize post-press cutting
> Control by product/sheet grain direction
> Review cost, waste, sheet turn, time, overruns, and more.

" Phoenix stood out immediately from all the other imposition solutions we evaluated as the perfect fit in our HP Indigo folding carton workflow. This solution compares with the most expensive front end software out there but has a better interface for the multi-SKU complex digital print market. With Phoenix the cost benefit has been significant and many difficult, time consuming tasks are now automated, saving us hours of labor every day. "

- Ed Wiegand
Executive Vice President
The MATLET Group, USA

✔ FOLDING CARTONS

✔ LABELS & TAGS

✔ SIGN & DISPLAY

✔ CARDS

✔ ENVELOPES

Employ **SOPHISTICATED GANGING TOOLS** to generate layouts previously reserved for only the most skilled and experienced estimators. Gang rectangular products for guillotine, or irregular shapes for die or table cutters, handle both with ultimate ease and efficiency. Build layouts in minutes that previously took hours to plan and produce manually.
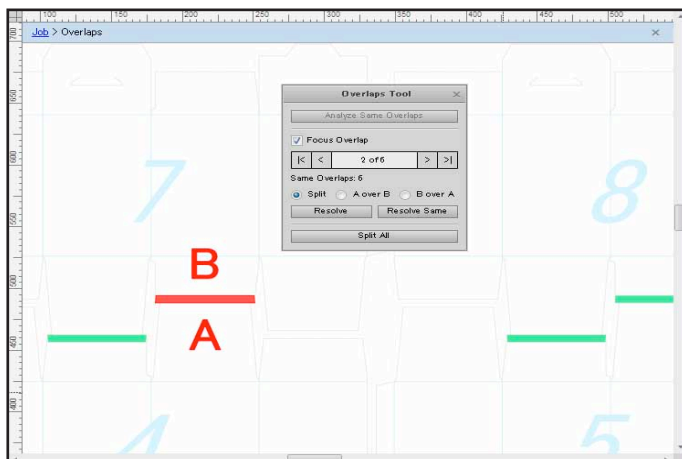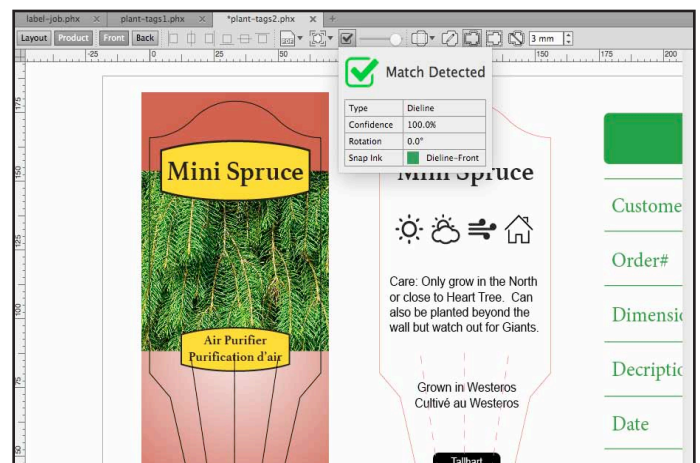
PHOENIXCAD

TRADITION WITH POWER

A fresh approach to traditional CAD-based work with die import capabilities for industry standard formats such as CFF2 and DXF. Supercharge your work with powerful tools such as Autosnap™, fast bleed mask overlap resolution, and support for double-sided jobs with automatic die mirroring.

Autosnap™

Take advantage of the industry's most advanced artwork to die alignment tool with Autosnap™. Is your artwork not centered, rotated upside down, contain info panels? No problem, Phoenix Autosnap handles all these cases 100% automatically. It can even auto-detect the die ink in your PDF, so all you need to do is choose your artwork and let Phoenix do the rest. If there is a mismatch between the artwork and die Phoenix will let you know with feedback.
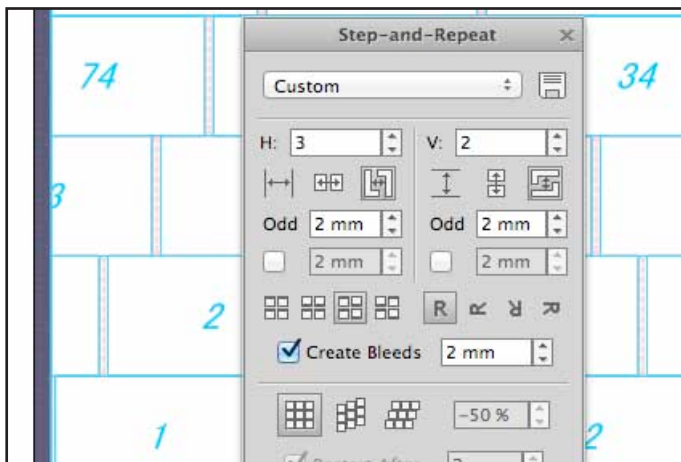

> Import industry standard CAD formats, CFF2, DXF, DDES2 and DDES3

> Handle problem files using interactive Die Import Wizard

> Get even more granular and edit original die lines

> Group and resolve similar bleed overlaps with one click

> Create auto-synced double-sided jobs
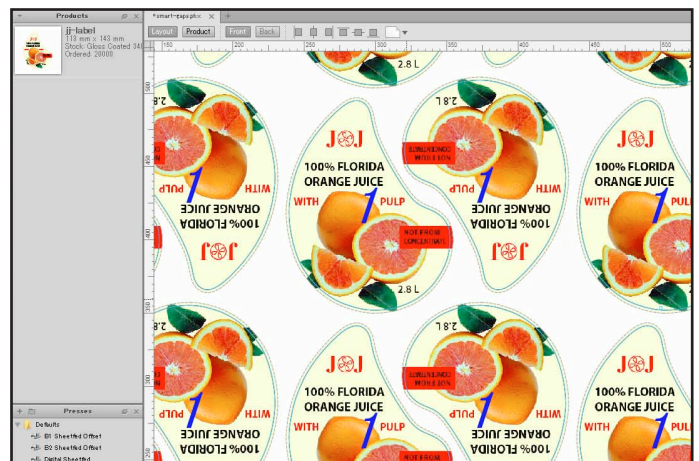
PHOENIXPDF

EMBRACE THE FUTURE

Are you new to packaging? Are you looking to bring more work in house? If so this is the solution for you. Work directly from PDFs to build sophisticated nested layouts. Eliminate the need for complicated CAD software, or slow turn around with 3rd party CAD vendors. When your layout is ready, export as CAD or PDF to produce your die cutter or drive your cutting table.

> Grid-based Step & Repeat tool

> Use Smart Gaps to create nested repeats using the true die shape

> Nine auto fill options to optimize sheet coverage

> Seamless repeat layout support for Web Press or Rotary Die cutting

> Export as CAD CFF2, PDF, or Cutting JDF for post-press

Dieshape from Artwork

Eliminate the need for strucutral CAD files by working directly with PDF. Pull out the structural dieshape including crease lines from spot colors or layers. Phoenix uses advanced algorithms to detect the true die shape by excluding things such as info panels, and filling in small gaps in the cut lines. Depending on the cutting requirements export as PDF or Phoenix can convert the PDF lines into CAD CFF2.
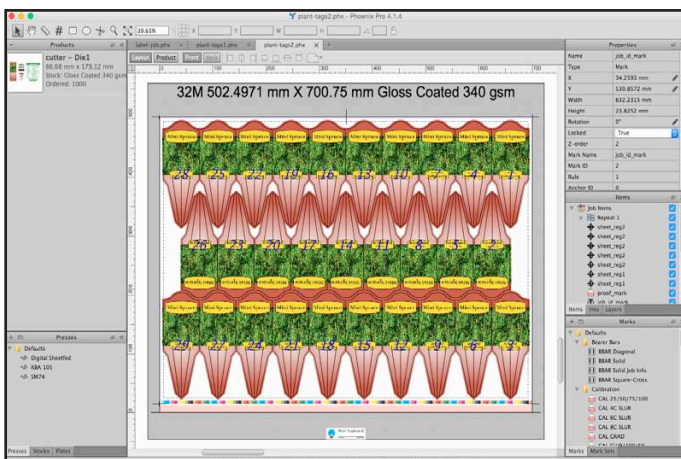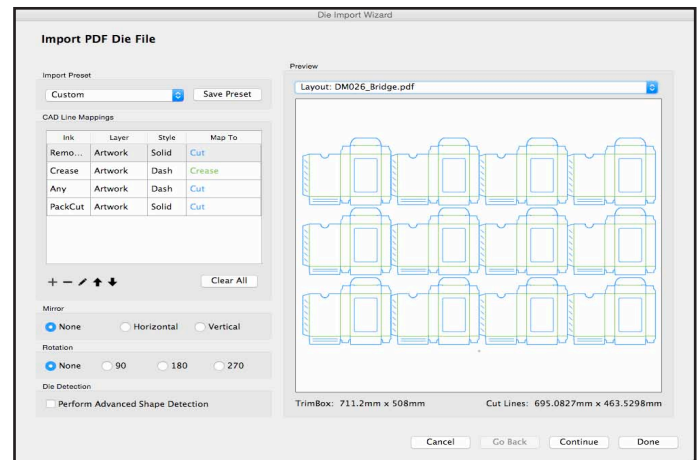
PHOENIXPRO

ADD AFTER BURNERS

Take all the amazing features of Phoenix CAD and Phoenix PDF and add them into one. Then add on to that game changers such as the industry's first Structural PDF™ die import, varnish export, fine grained control over PDF layers for content and language versioning, and more.
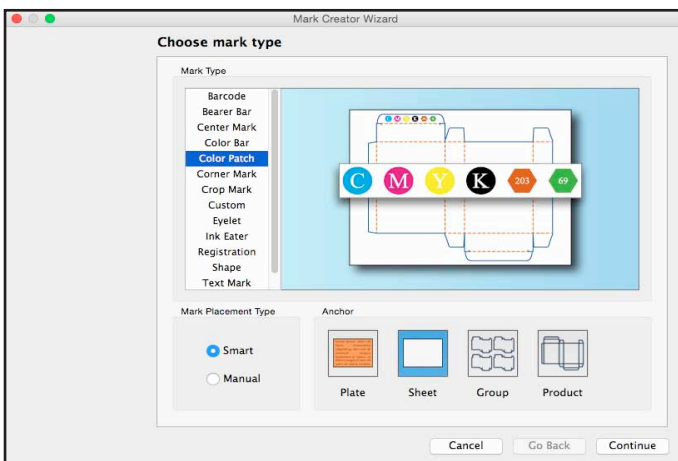
Structural PDF™

Celebrate an industry first, Structural PDF™, which allows users to import a die layout from a PDF as if it was a well-structured CAD file such as CFF2. In PDF there is no inherent concept of 1-up or multi-up dies. In order to find the true layout structure, Phoenix employs an advanced algorithm that uses sophisticated pattern recognition techniques to identify dies and group them together.

> All CAD features of Phoenix CAD

> All PDF features of Phoenix PDF

> Structural PDF™ die import

> Varnish Separations PDF Export

> Product-level PDF Layer control

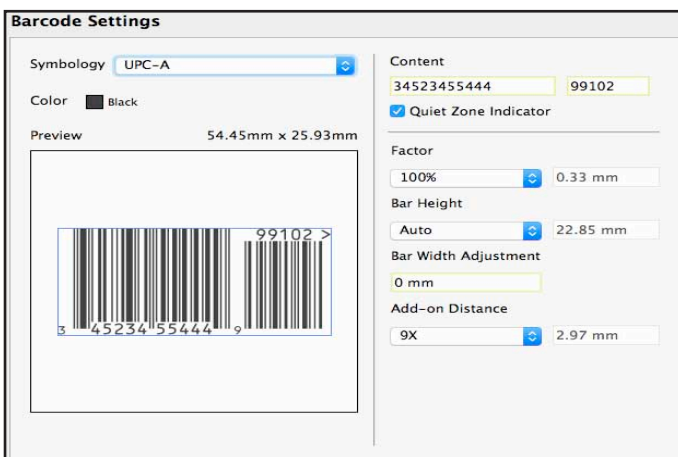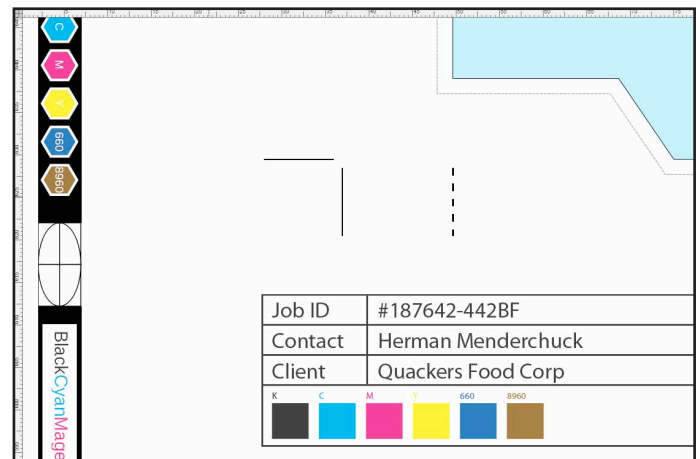> Preserve, flatten or merge PDF layers

DYNAMIC MARKS

Phoenix has a comprehensive library of built-in marks, all of which are fully customizable. Save time with dymamic content such as text keywords and ink placeholders. Set up your positioning once by building multiple smart placement rules.

Marks Wizard

Use the intuitive Marks Wizard to add new marks to the extensive library of pre-built marks Phoenix ships with or edit live marks in your job. The wizard makes mark authoring easy, guiding you through each step of the mark creation process for all 13 different mark types available.

> **13 different customizable mark types**, including bearer bars, ink eaters, crop marks, color patches, PDF-based marks, registration marks, eyelet marks, barcodes marks, shape marks, text marks, corner marks, and center marks.

> Dynamically replace inks and text in PDF-based marks

> Utilize over 200 different dynamic keywords

> Specify white underprint for all mark types

> Create manual or smart marks

> Unlimited number of placement rules

> Create color patches with Smart Text™

> Create 16 different barcode types including UPC-A, UPC-E, EAN-13, EAN8, QR Code, DataMatrix, Code 128, Code 39, Codabar, One-track Pharmacode, Two-track Pharmacode, Interleaved 2 of 5, and Aztec

PHOENIX EDITIONS

	PHOENIX CAD	PHOENIX PDF	PHOENIX PRO
CAD Die Import (CFF2, DDES2/3, DXF)	●		●
Die Import Wizard	●		●
Step-and-Repeat Tool		●	●
Smart Gaps™		●	●
Dieshape from Artwork		●	●
Structural PDF™			●
PDF Varnish Export			●
Versioning (PDF Layers)			●
Autosnap™	●	●	●
Cost Analysis	●	●	●
CSV Import	●	●	●
Job Report	●	●	●
PDF Export	●	●	●
PostScript Export	●	●	●
Layout JDF Export	●	●	●
Cutting JDF Export	●	●	●
Smart Marks	●	●	●
Double Sided Jobs	●	●	●
Adobe PDF Library Preview	●	●	●
Overprint Preview	●	●	●
Output Preview	●	●	●
Overlaps Tool	●	●	●
Job Templates	●	●	●
Die Export (PDF, PS, CFF2)	●	●	●
Press, Stock, Plates, Marks Libraries	●	●	●
Auto Impose Tool	Optional	Optional	Optional
Auto Populate Tool	Optional	Optional	Optional
Auto Optimize Tool	Optional	Optional	Optional
Products Plus	Optional	Optional	Optional
Barcode Marks	Optional	Optional	Optional
Grand Format	Optional	Optional	Optional

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Email: info@tilialabs.com

See the Power for Yourself
Visit http://tilialabs.com and request a trial

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