

> PACKZ STEP AND REPEAT

**PACKZ,
one solution for all
requirements.**

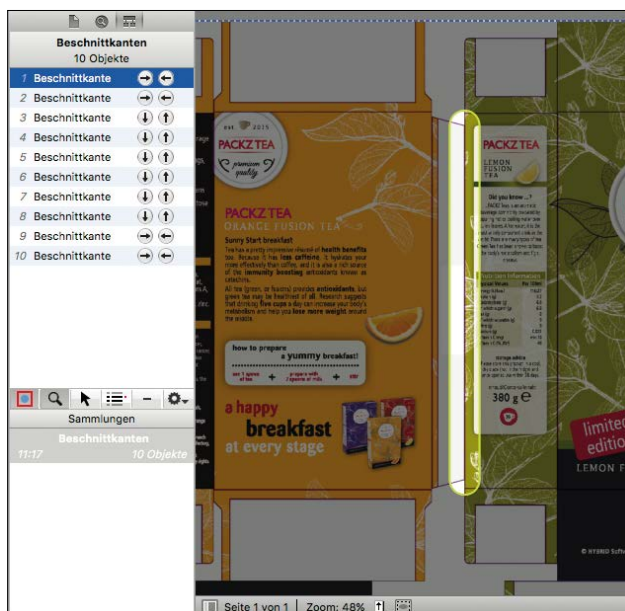
> NESTED STEP AND REPEAT

Nested Step and Repeat is an option in PACKZ to impose **folding carton designs using the CF2** cutting die retrieved from the CAD system. The user browses through **diecut libraries** using the Quick Look Function, and sees the preview without the need to import the file.

PACKZ generates full colored step and repeats or dynamic templates that can be reused at any time. A single click instantly creates the back side out of a front repetition. The **Translucent Quality Assurance** tool shows the register between front and back side.

Different single designs may be combined in a repetition, in which each station can define its own **station number, positioning and bleed** handling. The Common Knife tool detects, highlights and allows users to set the bleed priority in the stepped result. Defining and storing these priorities in the 1-up station can automate the process.

Common knife tool detects and defines bleed priority



TABULAR STEP AND REPEAT

Tabular Step and Repeat creates **web-fed printed label** or **flexible packaging layouts**.

PACKZ includes block repeated multipage single designs with staggered vertical and horizontal stepping. The **Seamless Calculator** produces continuous lanes with a staggered diecut. The result is a dynamic template or full color file that can be reused at any time.

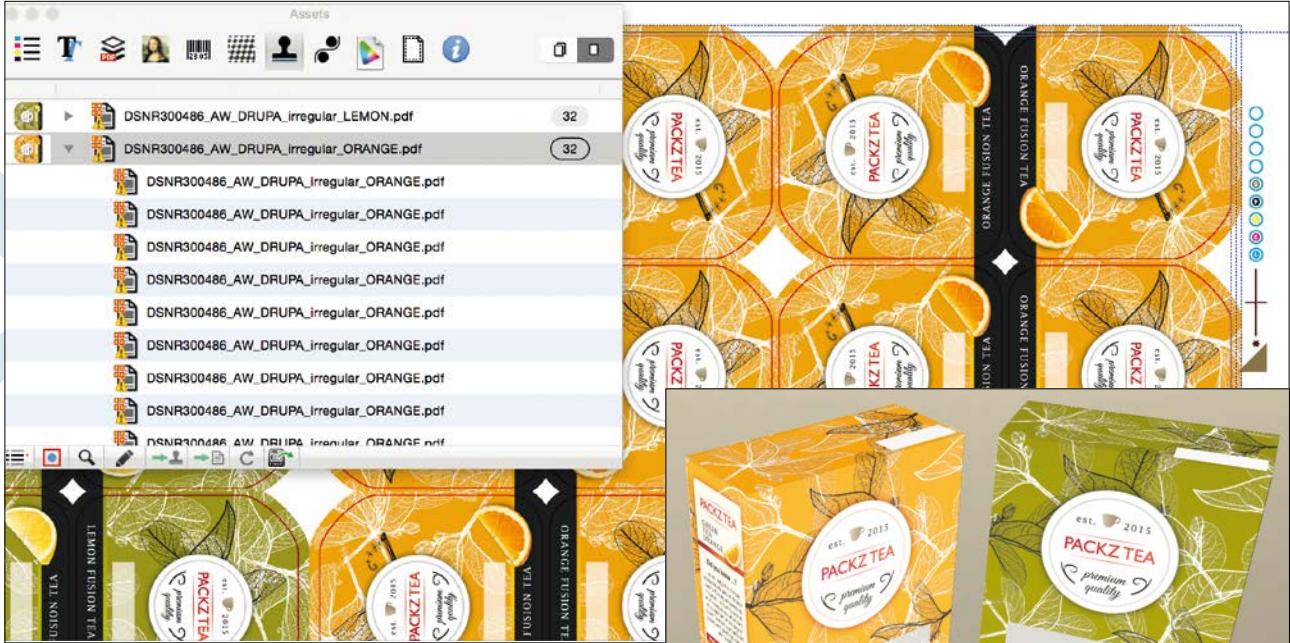
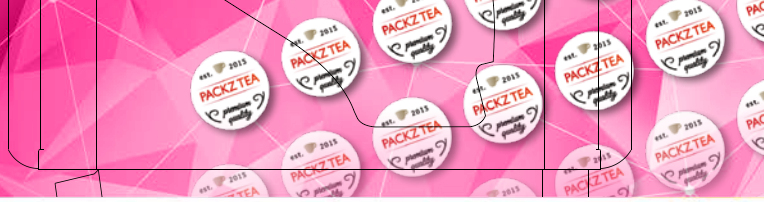
Each block has its own trim path, positioning and bleed handling. Bleed follows the **irregular shaped label** and PACKZ can nest the blocks for the optimal label repeat.

INTERACTIVE STEP AND REPEAT AND GRID IMPOSITION

The Interactive Step and Repeat for **sheet-fed labels** allows assembling templates or full color repetitions of custom-sized blocks, for mass production of cut and stack labels. The Grid Imposition combines **many different designs of the same size** on a sheet. This repetition function is suitable for greeting cards, credit cards, name cards, playing cards, and more.

Seamless Step and Repeat





Overview of stepped designs

LINKS

Although the PDF is **self-contained**, external references are also remembered. Therefore, modifications in the referenced designs are tracked, and can be distributed back to the layout. The user sees the full resolution design in the step and repeats. Shortcuts allow easy switching between different view modes. An **infinite deep zoom** level allows viewing and editing even the smallest object.

LIVE 3D

The LIVE 3D option can show the 3D shape (folding carton, pouch, sleeve, etc.) instantly on screen, making it easier to verify the seamless connection between the sides or panels. Changes in the 2D single design are **instantly synchronized** with the 3D view. ACKZ outputs IC3D or Collada files and can link with 3D modeling applications for the creation of complex folding cartons or 3D models.

DYNAMIC MARKS

Live Objects is PACKZ's **innovative technology** for making customized registration marks and other elements. It enables the user to rapidly create **Dynamic Live Objects** and connect them to the PDF document content.



Folding carton 3D view

PACKZ stores registration marks in central or local libraries and applies them to the Step and Repeat. **The marks automatically transform and update** when changes are made, since they are driven by repetition parameters and the 1-up design.

HIGHLIGHTS

- Highly productive using CF2 die layouts
- Self-contained step and repeat with external references
- Dynamic templates or full colored Step and Repeat
- One application for stepping and single design editing
- High-resolution preview
- Customizable registration marks
- CIP3 output capabilities
- Gravure 8-bit TIFF export
- 3D modeling and 3D PDF