

> PACKZWARP AND 3D

Instant visual inspection capabilities.

> PROFESSIONAL DEFORMATION SOLUTION

The PACKZWARP option in PACKZ is a powerful **non-destructive and professional deformation solution**. PACKZWARP distorts **a part or a complete design** to compensate for the deformation the printed product will undergo when it adopts its final three-dimensional shape. The distortions applied to the graphics are based upon grids which are created within the same module and are dependent on the type of warping necessary.

CUP DEFORMATION

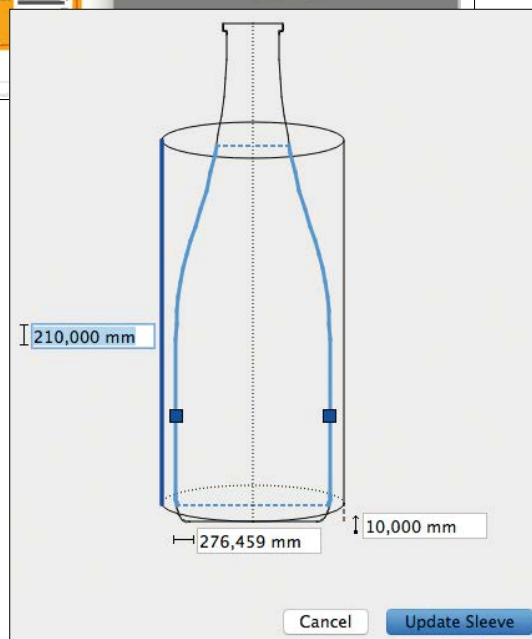
Grids can be made using **technical layouts** or created using **numeric values** through a cup generator. The resulting source and destination grid creates the link between the rectangular design and the warped result. Vector shapes, shadings, and image objects are deformed in record time. A single click creates a 3D model for real-time feedback.

METAL CAN

PACKZWARP uses a powerful **can modeler** to generate a framework for the mechanical distortion of the metal can. With a **few distortion measurements**, Packz generates the destination grid, warps the rectangular design around the metal can and shows the 3D result instantly.



Cup deformation with Live 3D view



Symmetric shrink sleeve spinner with Live 3D view

SYMMETRIC SHRINK SLEEVE

The technical design or the unique Path Edit tools in PACKZ allow users to create a vertical crosscut of the **symmetric shaped model**. The spinner calculates the deformation parameters. The **Live 3D** preview instantly shows the result allowing intervention on objects where adjustments are needed. PACKZ creates a mask to **compensate the change in ink density** caused by shrinking.

ASYMMETRIC SHRINK SLEEVE

A 3D shaped model coming from a **3D application** is the basis for the creation of the shrink sleeve. The direct link between PACKZ and the optional **IC3D** software from Creative Edge provides a **real-time simulation** of the shrink sleeve on the 3D model. The shrink sleeve design is adjusted where needed after the warping results are displayed.



Asymmetric shrink sleeve with real-time simulation

HIGHLIGHTS

- Conical cups and labels
- In-mold labels
- Shrink sleeves
- Non-destructive deformation
- Grid generator from technical layout
- LIVE 3D simulator
- 3D modeling and 3D PDF