

iC3D MODELLER PRODUCT SHEET

3D PACKAGING SOFTWARE

iC3D Modeller is a dedicated tool kit for packaging model development, ideal for product design and visualization.

The powerful 3D modeling software's portfolio of tools allows users to create and proof complex shapes while achieving photorealistic results with its real-time rendering platform. The versatile all-in-one software will allow you to visualize your products, avoid production errors, and increase efficiency in your creative design process. iC3D Modeller will help bring products to market faster with minimal outlay and build new business.



**HYBRID
SOFTWARE
GROUP**



MAIN FEATURES

- **3D Shape Modeller Module**
Custom shape builder - even the most complex models.
- **2D Spinner Module**
Spherical bottles, tins, conical labels, and symmetrical models.
- **Point Editor/Physics Module**
- **Bump Displacement Module**
- **Customizable lighting, textures, and backgrounds**
- **Streamlined workflow for fast mockups and prototypes**
- **Extensive materials library**
Glass, plastics, metals, fabrics, liquids, textures, and more. Completely customizable with iC3D material editor.
- **User-friendly interface with a short learning curve**
- **Compatibility with major 3D printers for physical prototyping**



Direct connection
to HYBRID Software
PACKZ®

RECOMMENDED SPECIFICATIONS



Mac – 12 +

- i7, M1/M2 8-Core + (64bit)
- GPU 2GB +
- 16GB RAM +



PC – Windows 10 + (64bit)

- i7 8-Core +
- Nvidia/AMD GPU 2GB +
- 16GB RAM +



HYBRID Software PACKZ 8.0 +



Modules Comparison Sheet

Features / Modules		Description / Benefits	iC3D suite	iC3D select	iC3D designer	iC3D modeller
Complete 3D "Real-Time" Visualisation - Bottles, Bags, Cartons, Tins, Shrink, POS, Shelf		"All-in-one" 3D ideation, design and production solution for packaging creatives. No additional 3rd party software required, just Adobe Illustrator and iC3D	●			
Floating Licences / Mac or Windows		Install on multiple Mac/Windows. License by amount of concurrent users required	●			
Easy to Learn & Use - one application		No prior 3D knowledge required. Creative Cloud users learn iC3D in a couple of days	●	●	●	●
KEY FEATURES	3D Shape Modeller Module	Easily create your own 3D packaging models – no matter how complex	●	●		●
	Point Editor / Physics Module	Advanced manipulation of 3D models, meshes/surfaces. Create realistic creasing dents	●	●		●
	Carton/Box/POS Module	Allows import of dielines, editing, cuts, folds, corrections, artwork placement, animation	●	●	●	
	Labelling Module	Allows import and interactive patented sliding / placement of labels on 3D models	●	●	●	
	Flexible Bags Module	Allows 3D models to be created, imported & labels/artwork interactively positioned	●	●	●	
	Shrink, Shrink Correction Module	Create shrink film/wrap - accurately visualize, distort & correct artwork for print	●			
	Sealed Shrink Bag Module	Accurately create sealed bags with artwork correction for fresh food products	●			
	Shelf Visualiser Module	Create, place, visualize & compare with other versions or competitors products	●	●	●	
	"Real Time - Ray Tracing" Module	Photographic quality rendering in real time. Adjust lighting, materials & view instantly	●	●	option	option
3D Model Library		Bottles, bags, cartons, tins, containers, trigger spray, caps, ring pulls, display tray	●	●	●	●
Materials, Textures Library		Plastics, metallics, liquids, glass, wood, paper, card. Customizable, unlimited materials	●	●	●	●
Carton Substrate Library		Single & Double Sided Substrates, Edges, Customizable, Unlimited	●	●	●	
3D Template Library		Flexible bags, display trays, tubes, magazines, DVD's, pallets, shelving	●	●	●	
Export Preset List		Different camera preset views can be exported as a group for approval and publication	●			
2D Spinner		Create spherical bottles, tins, shapes & conical labels. Import (DXF, CF2) files	●	●		●
Adobe Illustrator Bi Directional Link		Fast artwork placement between Illustrator and iC3D	●	●	●	
HYBRID PACKZ - Bi Directional Link		Fast artwork placement between PACKZ and iC3D	●		●	●
PDF Native Import Editor/Renderer		Position any PDF artwork directly on 3D model. Hide PDF layers to create desired result	●			
Import Formats 3D		Collada (.DAE/.ZAE), Modo (.LXO), 3ds Max (.3ds), 3ds Max (.ase), Wavefront (.obj), LightWave (.lwo), Milkshape 3D (.ms3d), iC3d (.ic3), STL (.stl)	●	●	●	●
Import Formats Die Line		Illustrator, PDF, DXF, CF2 files, (ArtiosCAD via Esko plugin) & other CAD programmes	●	●	●	
Illustrator Layers Effects		Separate layers & spot colors can be used for special visual & print finishing effects	●	●	●	
UVW Editor		Allows artwork to be correctly distorted to fit any 3D model shape	●	●	●	●
Bump Displacement		True Emboss and Deboss effects (surface deformation) on labels, cartons & 3D models	●	●		●
Lenticular, Holographic, Fresnel Effects		Allows security and special foil and image effects to be applied, edited and visualized	●	●	●	
Correction Tools - image & print beautification		Hide back labels. Global /local color correction. White ink /transparency visualization	●			
Liquid Fill Effect		Allows liquid bottle filling effects to be visualized	●	●		●
Floor Reflections		Generate photographic quality product reflections (fully adjustable studio effects)	●	●	●	
Interactive Studio Lighting & HDRI Generation		Create your own photo studio. Add/edit lights, color, shadows, angles, fades & opacity	●			
Dynamic Backgrounds		Use any 2D background picture together with your 3D content. Generate HDRI maps	●	●	●	
Transform Features		Allows accurate position, scale, rotate, zoom & distortion of 3D models	●	●	●	●
Real World Lighting / HDRI Environments		Image Based Lighting. For accurate visualisation of lighting conditions on 3D models	●	●	●	●
Camera Movement		Pitch, Yaw, Zoom & Field of View, individually controlled freehand or incrementally	●	●	●	●
Animation / Recording		Create professional .MOV movies for marketing, displays, checking fold sequences etc.	●	●	●	
Export 3D files, Collada/DAE, OBJ, STL		Export to Photoshop, production workflows and to 3D printers	●	●	●	●
Export Hi-Res Images & Augment Feature		Print high quality print ready images - PDF, JPG, PNG, TIFF. Upload data into Opsis cloud	●	●	● *	● *

*25 model limit



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