

# ArtiosCAD 24.07

What's New

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# GLB and GLTF Support

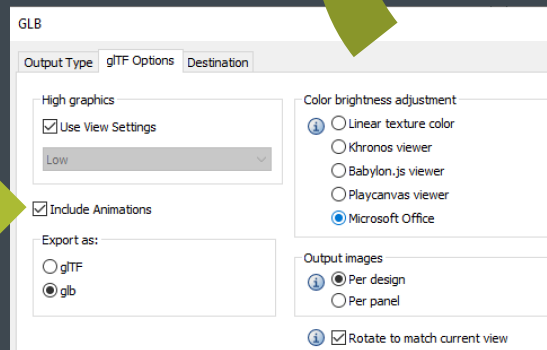
3D format for interactive viewing on the web  
and in 3rd party products

## Collaborate & Share in:

- Office documents – PowerPoint, Word, Excel
- OneDrive, SharePoint, Teams
- Adobe Photoshop
- Websites

export to GLB  
for interactive  
3D experience

include annotations



# Bobst SPO balance knife formula option

- Use best practice balance knife settings recommended by Bobst
- Formula settings provide maximum flexibility

The image displays the 'Balance knives' dialog box in the Bobst SPO software. The 'New Bobst Formula' option is selected. The settings are as follows:

Parameter	Value
Minimum distance to first knife	0.921
Minimum distance to die edge	0.991
Minimum distance between knives	0.900
Percentage of Bobst Formula	100
Maximum cutting zone height	35.433
Maximum cutting zone width	0.000
Pointset	2.000

The 'Rule Length' section shows the following values:

Parameter	Value
Cuts: (a)	11085.50
Creases: (r)	8105.77
Balance rules:	10111.14
Stripping + scrap knives: (a)	603.69
Other rules: (a @ 50%)	1043.58
Total rule length:	30952.69

The 'New bobst formula' section displays the formula:

$$N = \frac{(a + .7r) \times (c - e)}{e \times d} \text{ (round N up)}$$

The diagram below shows a box layout with dimensions 'c' and 'd' indicated. A red arrow on the left indicates a 'min 15mm minimum distance to edge'.

Tool Angles, Widths

Reverse Cuts

Crease Channel Widths

Crease Channel End

Crease Cutback

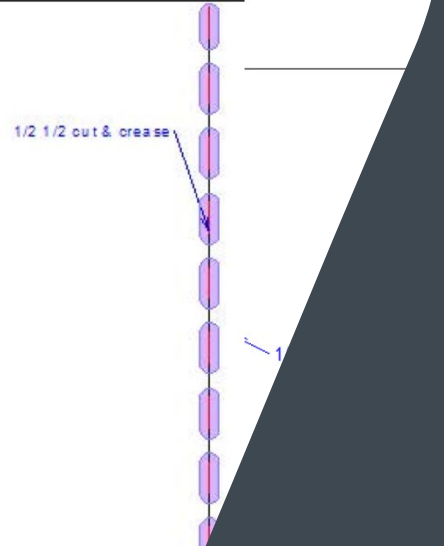
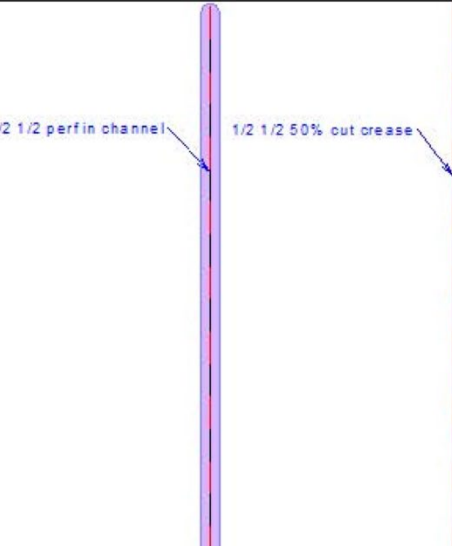
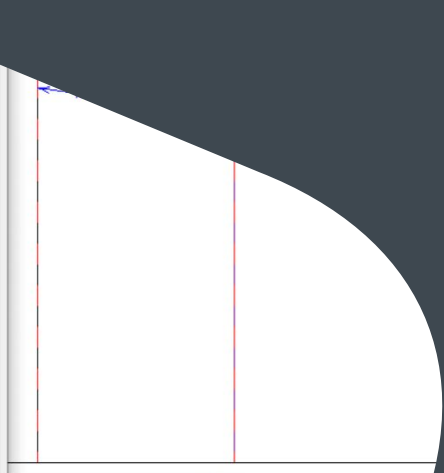
Treatment of Second height partial cut crease

- Single channel like a crease
- From end of segment plus channel width
- From end of segment
- No channel

Land: 0.00

Land: 0.00

Land: 0.00



# Improvements to steel counter line type tool

- Greater flexibility to configure line types for counter plates
- Optimize counter plates for ideal creasing performance

# Resizable Design Templates Added

new folding carton designs



new corrugated designs



production-ready  
designs in seconds

**largest catalog** of parametric design templates (standards)



Thank you