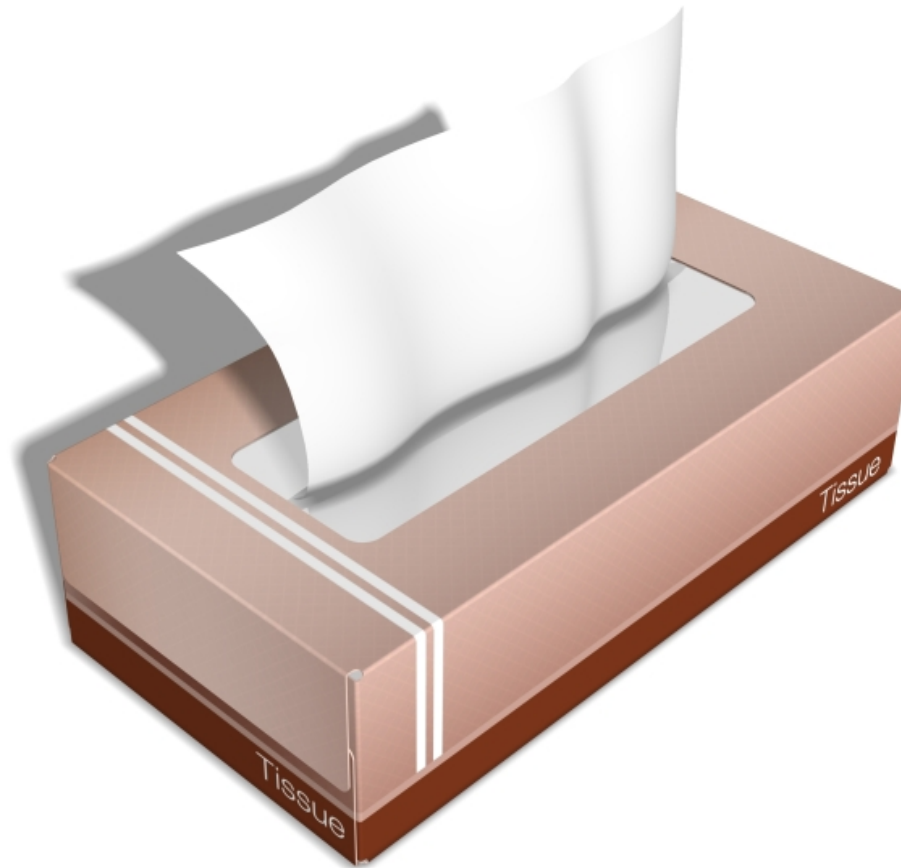


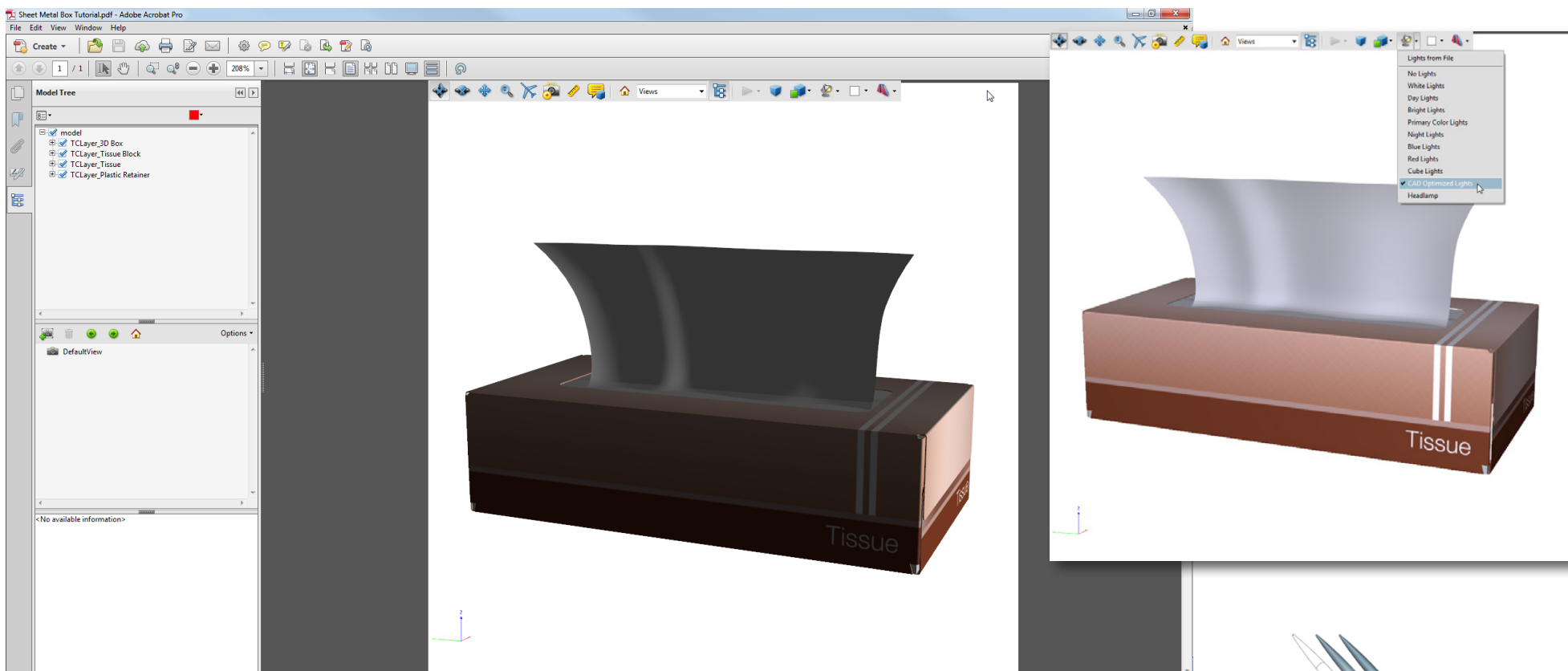
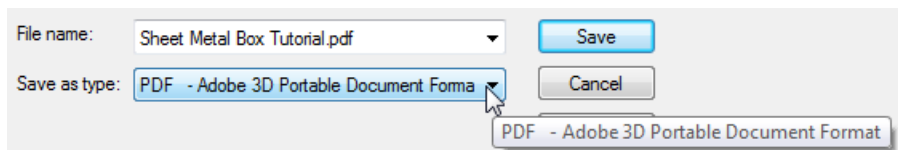
One of the coolest and useful additions to TurboCAD is the ability to output to 3D PDF (along with U3D, which allows for advanced 3D PDF editing via Adobe Acrobat).



Click image to open orbitable 3D Tissue Box

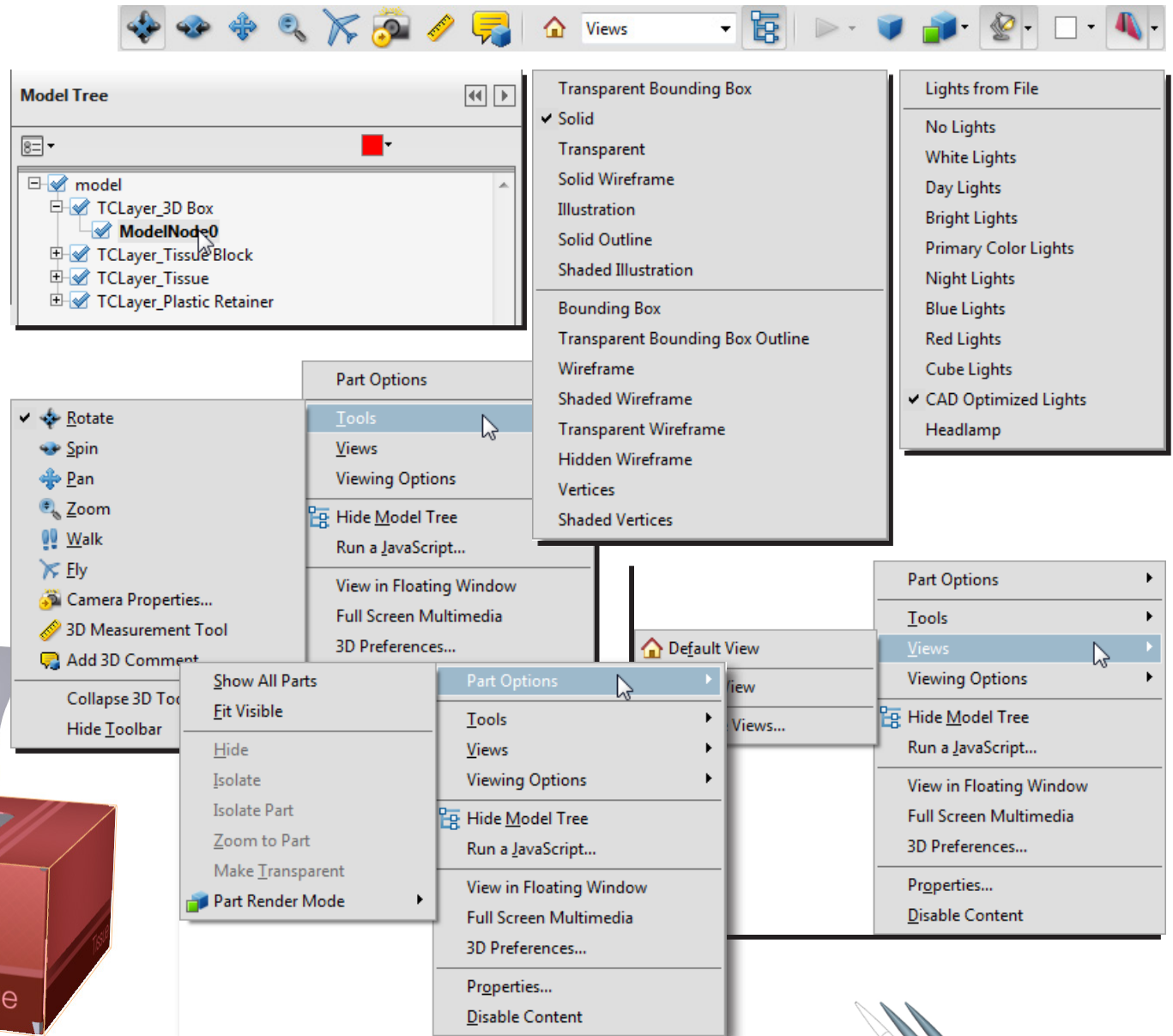
Outputting to 3D PDF is rather simple. Simply create your model, apply materials and then select to save as type: Adobe 3D Portable Document Format .

Open the PDF in a later version of Adobe Reader and note the results, which include TurboCAD layers and materials. The viewer will need to select better lighting, such as CAD Optimized Lighting, and then they can review the model until their heart's content.

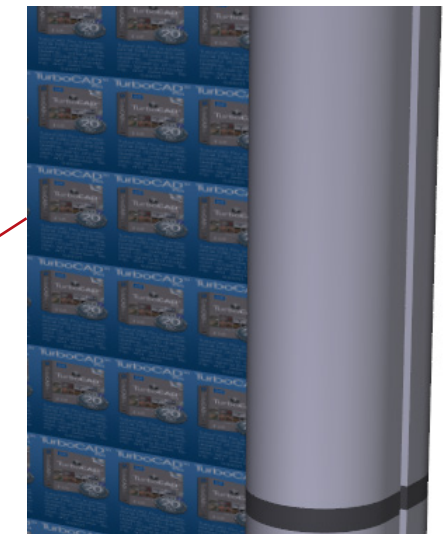
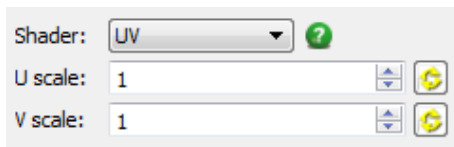
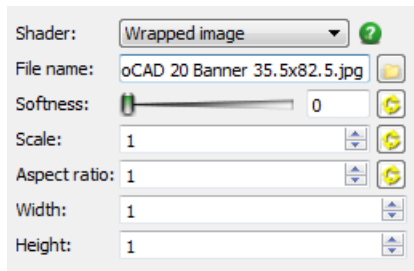


Many options are available to the viewer once the PDF is opened in Adobe Reader:

- Part Selection and Isolation
- Numerous Walk Through tools
- Numerous Lighting Schemes
- Numerous Render Modes
- Measuring & Commenting
- No TurboCAD Views with Direct TurboCAD 3D PDF Output



Sadly, there is one major limitation with material output from TurboCAD to 3D PDF. This is the inability to correctly scale image wraps that have been defined by TurboCAD's original LightWorks image wrapping shaders (i.e. Arbitrary Plane, Layout, etc.). Users must use UV Wrapping for image wraps correctly represented in the 3D PDF.



Arbitrary Plane Wrapping

UV Wrapping

File name:

Save as type:

Edit 3D

File:

Launch Settings **3D** Resources

Activation Settings

Enable When:

Disable When:

Playback Style:

Width: Height:

Appearance

Border Width:

☒ Transparent background

Poster Image

☒ Keep current poster

☐ Retrieve poster from default view

☐ Create poster from file

Poster File:

Edit 3D

File:

Launch Settings **3D** Resources

Default Display Settings

Background Color:

Lighting Scheme:

Rendering Style:

Animation Style:

Navigation

☐ Add Default Views:

☒ Retain views, comments, and scripts

☒ Show toolbar

☒ Open model tree

Script

Edit 3D

File:

Launch Settings **3D** Resources

Name	Path	Binding	Material

Properties

Name:

Binding

☒ None ☐ Foreground ☐ Background

☐ Material:

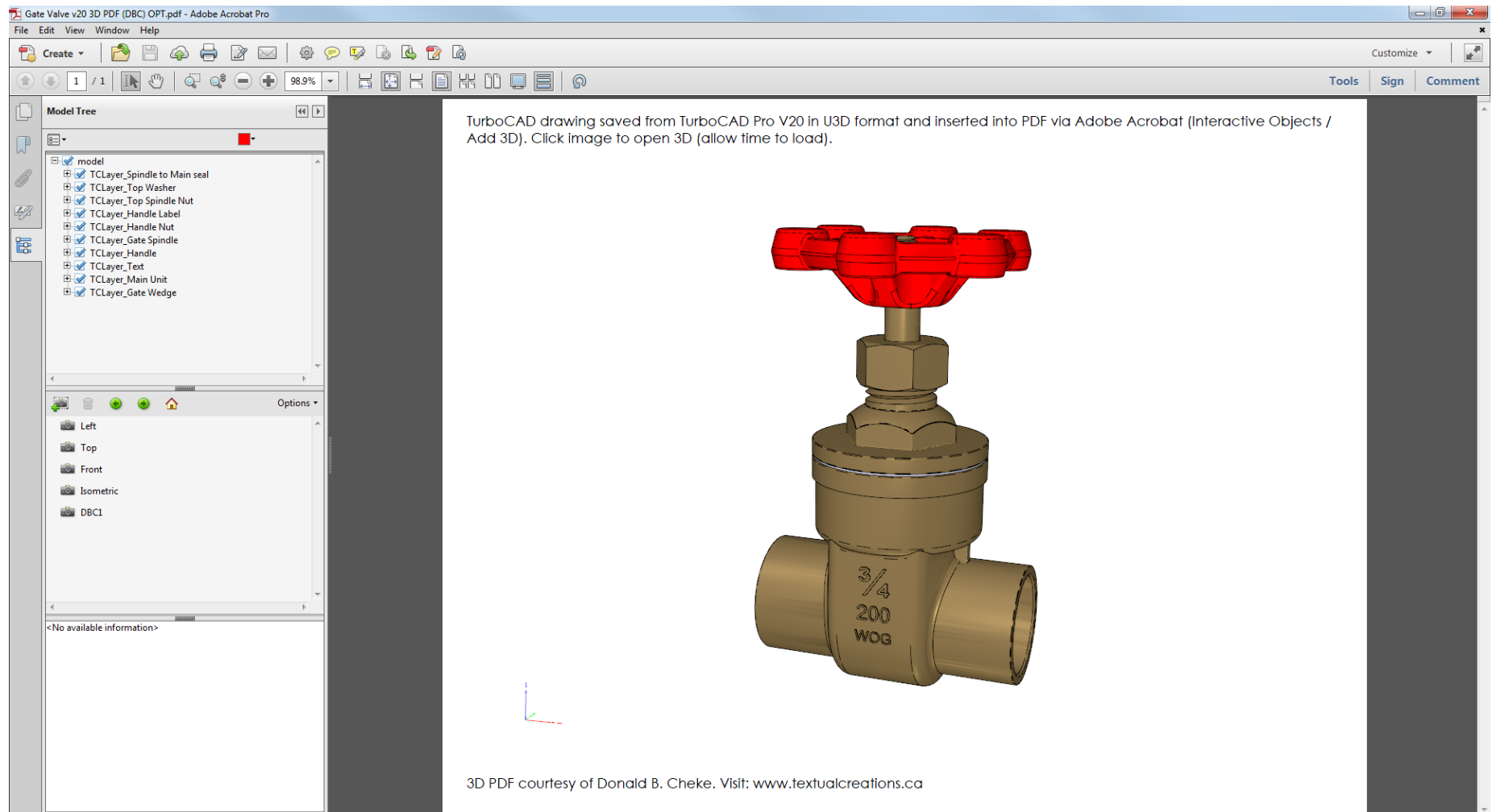
FlashVars:

If a user plans on utilizing 3D PDF on a regular basis consideration should be given to adding Adobe Acrobat to one's toolbox. There are many tools included that can aid in creating awesome 3D PDF documents for all manner of presentation purposes. Simply export one's TurboCAD drawing in the newly added U3D format, insert into a PDF document within Adobe Acrobat and adjust the many settings to suit.

▼ Interactive Objects

Add Button

Views Added, Text Notes Added



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