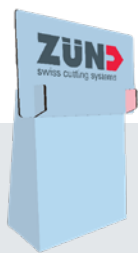


# Zünd Design Center 5.0 Innovations

## New designs

### Corrugated cardboard



CBDCT\_017  
Counter Top Display

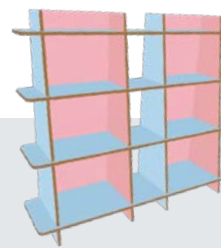


CBDFS\_018  
Floor Stand

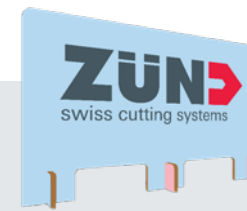
### Sandwich panel



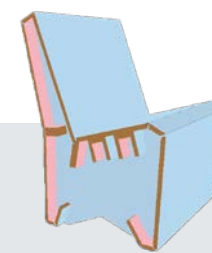
SBDFS\_030\_FS  
Fish Shaped



SBDFS\_031\_FS  
Book Shelf



SBDFUR\_031  
Divider Wall



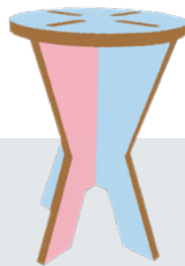
SBDFUR\_033  
Chair

### PP

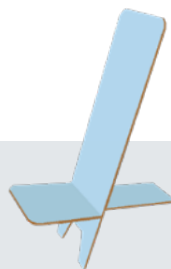


PBMD\_001  
Table partition

### MDF



MDFBDFUR\_006  
Stool



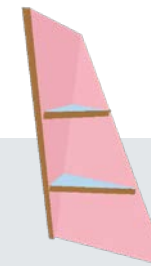
MDFBDFUR\_007  
Slanted Chair



MDFBDM\_001  
Multipurpose Key Chain



MDFBDM\_002  
Multipurpose Key Chain



MDFBDWR\_005  
Corner Rack

# Zünd Design Center 5.0

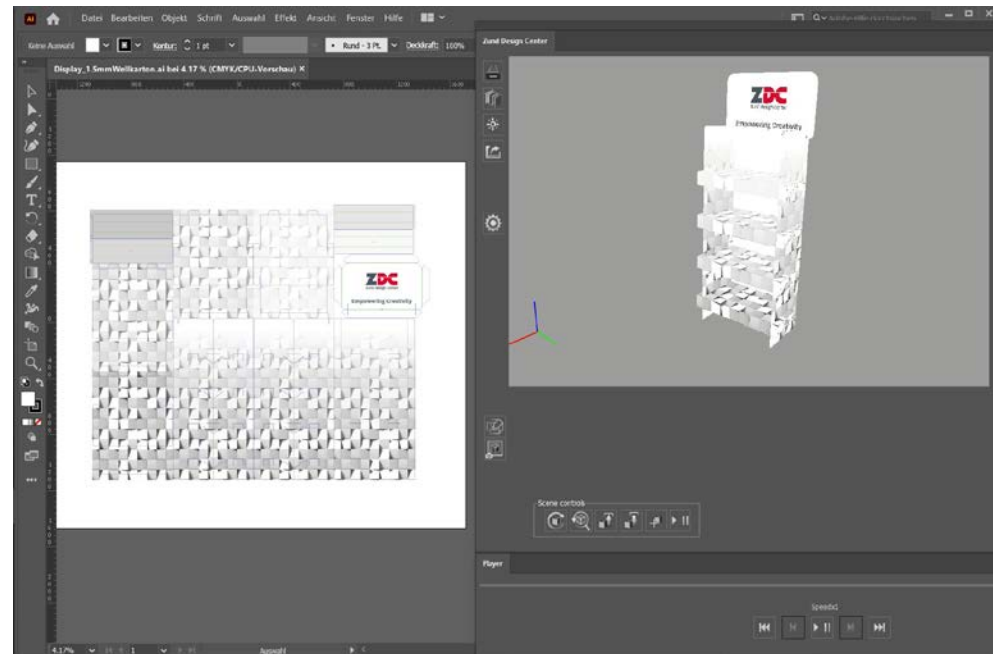
## Essential new features



### New functions

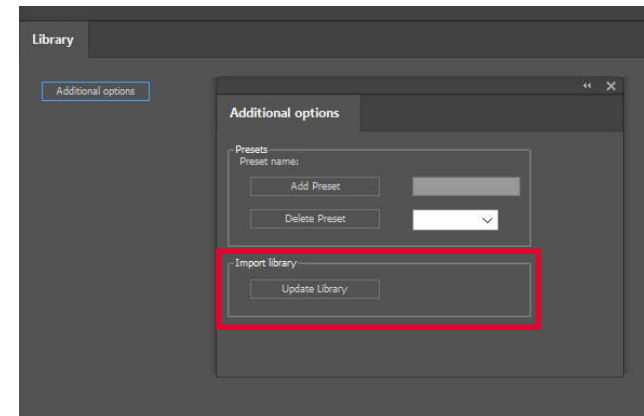
#### Simplified user interface

A simplified GUI allows the user to open the desired design template with just a few clicks. It is now no longer necessary to switch between different windows to open a template. The 3D preview occurs in the main window, which also provides access to additional functions.



#### Template library

The template library is contained in the installer, as usual. Users can now update the template library any time by themselves.



# Zünd Design Center 5.0

## Essential new features



### New software requirements

#### Windows

Adobe Illustrator	Windows 10 (until version 20H2)
2019	✓
2020	✓
2021	✓

The following versions are not supported under Windows 10: 1507, 1511, 1607, 1703, 1709

#### Mac

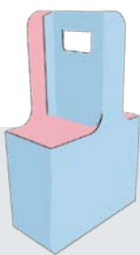
Adobe Illustrator	10.14	10.15	11 (M1 in Rosetta)
2019	✓	✗	✗
2020	✓	✓	✗
2021 (25.2.3)	✓	✓	✓

ZDC 5.0 does not natively support the new Apple M1 processors. The plug-in works with macOS11 and Rosetta supplied by Apple, but compatibility issues may arise. Zünd recommends using a non-production partition to test ZDC 5.0 and ensure it is working properly.

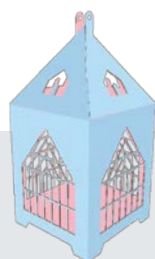
# Zünd Design Center 4.3 Innovations

## New designs

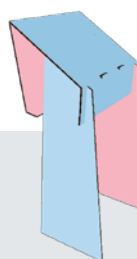
### Corrugated cardboard



CBPB\_081  
Carry Case for Two

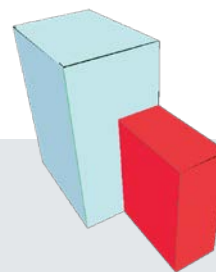


CBPB\_082  
Bird Cage

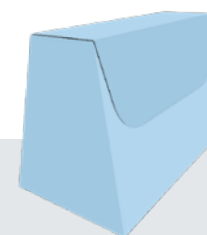


CBDFUR\_001  
Kiosk Table

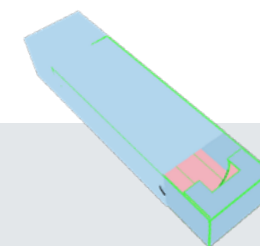
### Folding carton



FBPB\_057  
Promotional Box

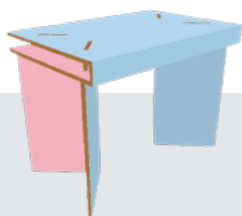


FCPB\_058  
Gift Box

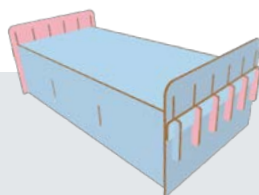


FCPB\_059  
Cosmetic Box

### Sandwich panel



SBDFUR\_027  
Table



SBDFUR\_032  
Cot

### PP



PBGC\_001  
Gift Card



PBPB\_005  
Gift Box

### MDF



MDFBDWR\_003  
Book Rack



MDFBDWR\_004  
Shoe Rack

# Zünd Design Center 4.2

## Essential new features

### New designs

#### Corrugated cardboard

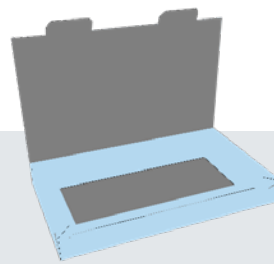


CBDFS\_017  
Floor Stand

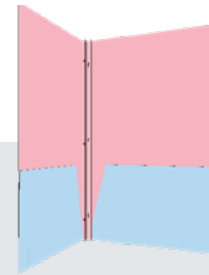


CBPB\_079  
Hexagonal Box

#### Folding carton



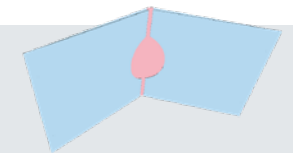
FCPB\_056  
Gift Box



FCPF\_020  
Document Folder



FCPF\_021  
Envelope



FCPF\_022  
CD POUCH

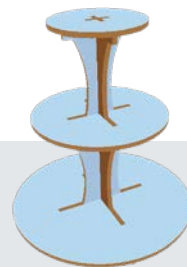
#### Sandwich panel



SBDFS\_027  
FS Corner



SBDFS\_028  
FS Body Shaped



SBDFS\_029  
FS Cup Cake holder

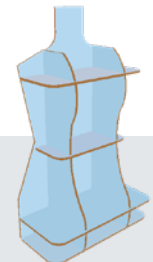


SBDFUR\_029  
Sofa



SBDFUR\_030\_2  
Seater Sofa

#### MDF



MDFBDFS\_003  
FS Body Shaped

# Zünd Design Center 4.2

## Essential new features



### New software requirements

#### Windows

Adobe Illustrator	Windows 7 SP1	Windows 8	Windows 8.1	Windows 10 (until 1909)
2017	✓	✗	✓	✓
2018 (Oct. 2017)	✓	✗	✓	✓
2019	✓	✗	✗	✓
2020	✓	✗	✗	✓

Not supported on Windows 10 versions 1507, 1511, 1607, 1703, and 1709.

#### Mac

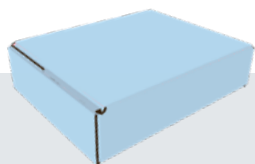
Adobe Illustrator	10.14	10.15
2017	✗	✗
2018 (Oct. 2017)	✗	✗
2019	✓	✗
2020	✓	✓

# Zünd Design Center 4.1

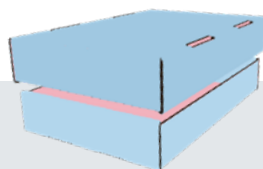
## Essential new features

### New designs

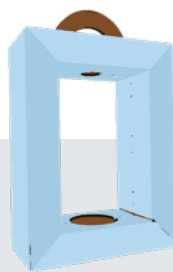
#### Corrugated cardboard



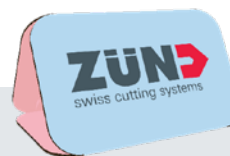
CBPB\_076  
1Slot ChLock



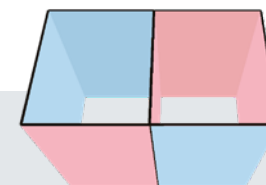
CBPB\_077  
Top & Bottom Tray Box



CBPB\_078  
Bottle Carry Case



CBDCT\_016  
Desk Tidy



CBPD\_018  
Divider

#### MDF



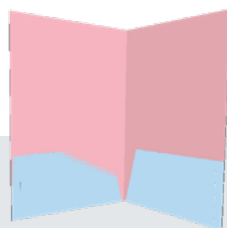
MDFBFS\_002  
FS\_Two way

#### Sandwich panel

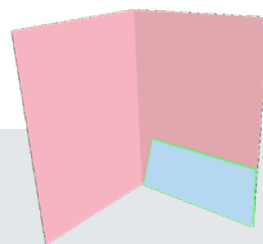


SBDFS\_026  
FS\_House Style

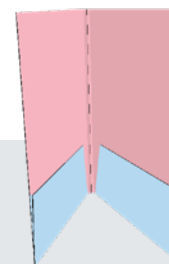
#### Folding carton



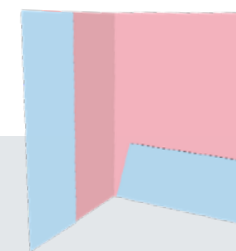
FCPF\_016  
Document Folder\_Double Pocket



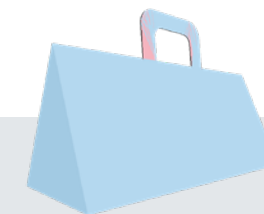
FCPF\_017  
Document Folder\_Single Pocket



FCPF\_018  
Document Folder\_with Thickness



FCPF\_019  
Document Folder\_Side Pocket



FCPB\_055  
Purse Box

# Zünd Design Center 4.1

## Essential new features

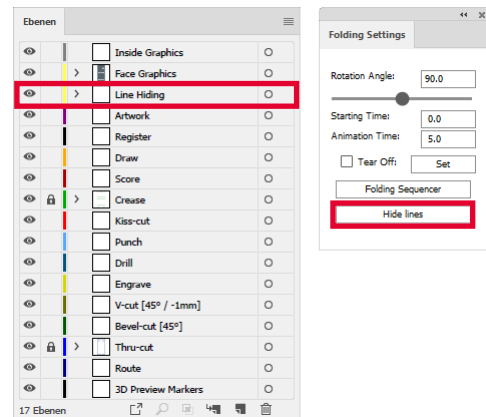


### New .zcc export format

You now have the option to generate .zcc files directly from Zünd Design Center. For export, be sure to specify the material. The available materials library is identical to the one in ZCC. ZCC uses this data to provide optimal processing parameters for the selected materials.

### New .zcc export format

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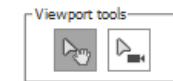
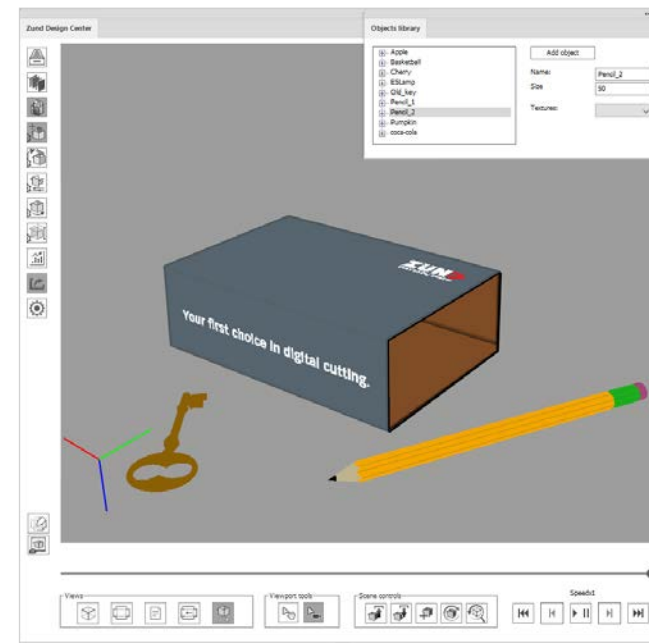


### Objects library

For improved visualization, it is now possible to add common, everyday objects to a scene. You can use these objects to illustrate size differences, fill POP/POS displays, place in packaging, or decorate furnishings. With the object manager, you can easily place, move, or scale these objects.

### Viewport tools

This set of controls permits toggling between controlling 3D design views (zoom, rotate and move) and the selection tool, which enables selecting individual objects with the cursor.



### Scene controls

Three new scene controls are available for visualizing environments for 3D packaging models. These permit resuming work on previously created scenes after a pause, i.e. after obtaining feedback from the customer or other members of the design team.





# Zünd Design Center 4.1

## Essential new features



### New software requirements

#### Windows

Adobe Illustrator	Windows 7 SP1	Windows 8	Windows 8.1	Windows 10 (until V1803)
CC 2015.3	✓	✗	✓	✓
CC 2017	✓	✗	✓	✓
CC 2018	✓	✗	✓	✓
CC 2019	✓	✗	✗	✓

#### Mac

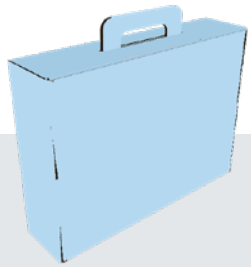
Adobe Illustrator	10.12	10.13
CC 2015.3	✗	✗
CC 2017	✓	✗
CC 2018	✓	✓
CC 2019	✓	✓

# Zünd Design Center 4.0

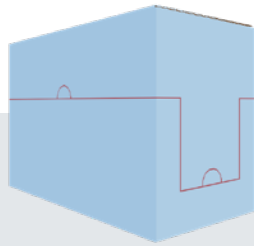
## Essential new features

### New designs

#### Corrugated cardboard



CBPB\_070  
Give Away Box



CBPB\_075  
Self Display Box

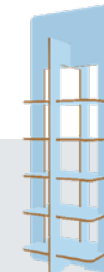
#### MDF



MDFBDFUR  
004\_Table

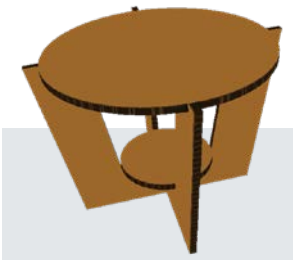


MDFBDFUR  
005\_Chair



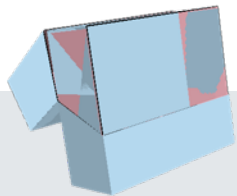
MDFBFS  
001\_Floor Stand

#### Sandwich panel

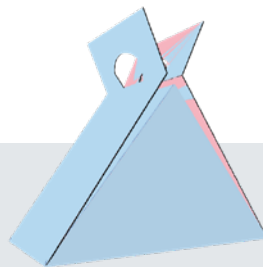


SBDFUR  
017\_Centre Table

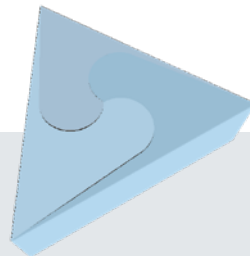
#### Folding carton



FBPB\_045  
Self Dispenser Gift Box



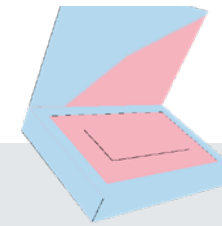
FBPB\_052  
Triangle Gift Box



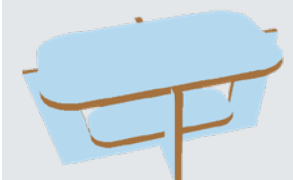
FBPB\_053  
Triangle Gift Box\_small



FBPF\_015  
Brochure Folder



FBPB\_045  
Chocolate Gift Box



SBDFUR  
026\_Centre Table\_Rectangle

# Zünd Design Center 4.0

## Essential new features



### New functions

#### Redesigned user interface

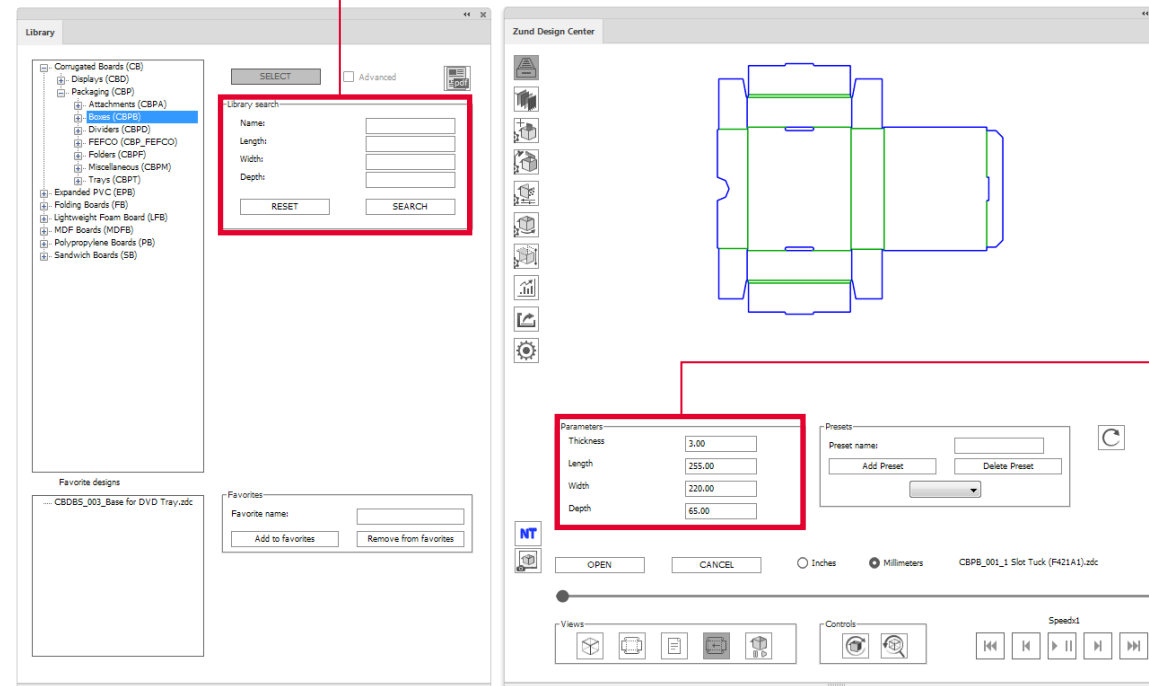
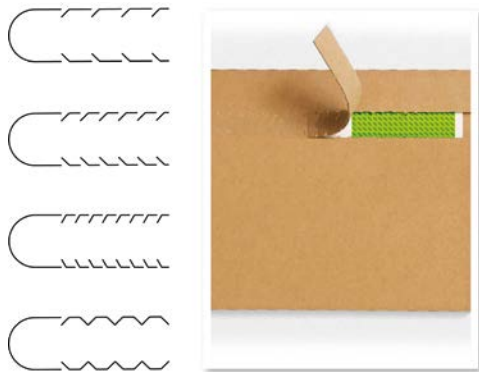
The layout of functions in the ZDC window and in the „Library“ menu has been changed to reflect a more logical workflow. The sequence for searching, selecting, parameterizing, and opening designs is now better structured and more intuitive.

#### Library searches

It is now possible to search for designs by name or by dimensions. For example, if no specific package design ideas exist for a given product, the user can search by the required minimum interior dimensions. Search results will include all designs whose standard measurements meet the requirements for the product at hand.

#### Tear Strip Tools

These new tools allow you to draw professional tear strips with just a few clicks, making it easy to open your packaging. The ZDC offers four different preset types of tear strips, which you can optionally configure further.



#### Link to ZDC documentation

The „Settings“ menu now includes a link to the Zünd website, where the user can access the latest version of ZDC help as well as release notes.

#### Simpler input of design measurements

Parameterizing packaging has been simplified in that the user now has to enter fewer parameters. If the basic parameters for creating the desired design are insufficient, additional parameters can be entered any time.

# Zünd Design Center 4.0

## Essential new features



### New software requirements

#### Windows

Adobe Illustrator	Windows 7 SP1	Windows 8	Windows 8.1	Windows 10 (until V1703)
CC 2014	✓	✓	✓	✗
CC 2015	✓	✗	✓	✓
CC 2015.3	✓	✗	✓	✓
CC 2017	✓	✗	✓	✓
CC 2018	✓	✗	✓	✓

#### Mac

Adobe Illustrator	10.7	10.8	10.9	10.10	10.11	10.12	10.13
CC 2014	✓	✓	✓	✓	✗	✗	✗
CC 2015	✗	✗	✓	✓	✓	✗	✗
CC 2015.3	✗	✗	✓	✓	✓	✗	✗
CC 2017	✗	✗	✗	✓	✓	✓	✗
CC 2018	✗	✗	✗	✗	✓	✓	✓

# Zünd Design Center 3.3.365

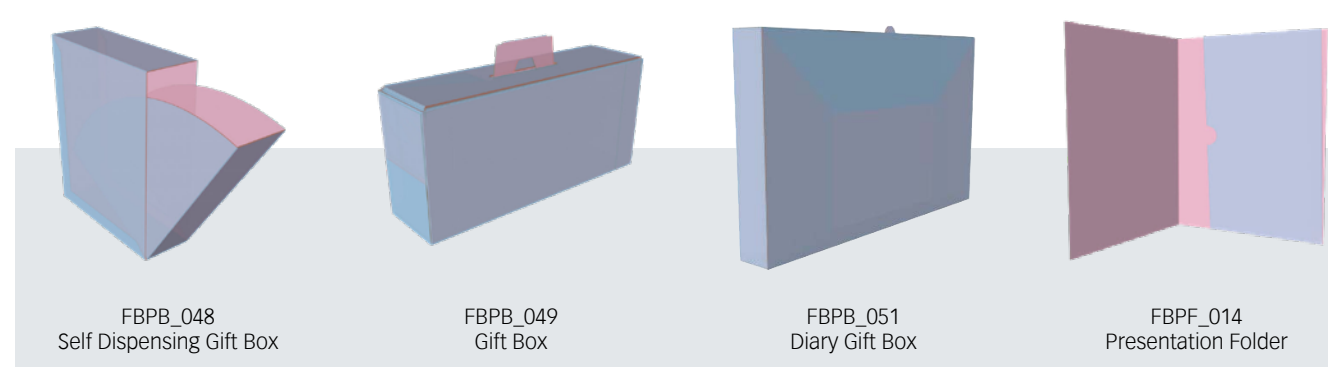
## Essential new features

### New designs

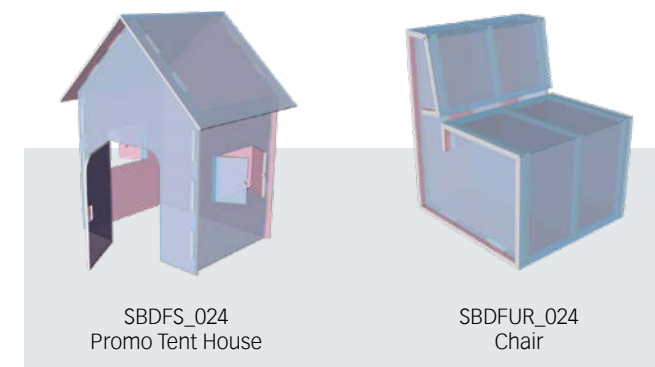
#### Corrugated cardboard



#### Folding carton



#### Sandwich panel



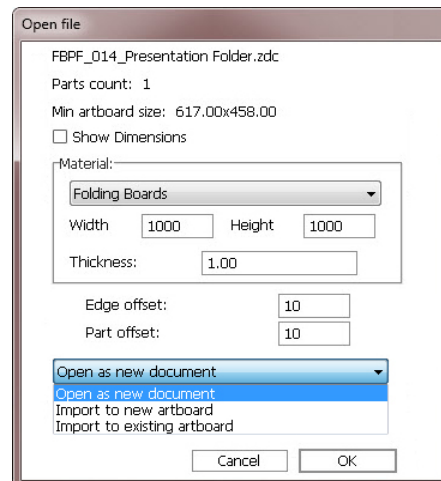
# Zünd Design Center 3.3.365

## Essential new features

### New functions

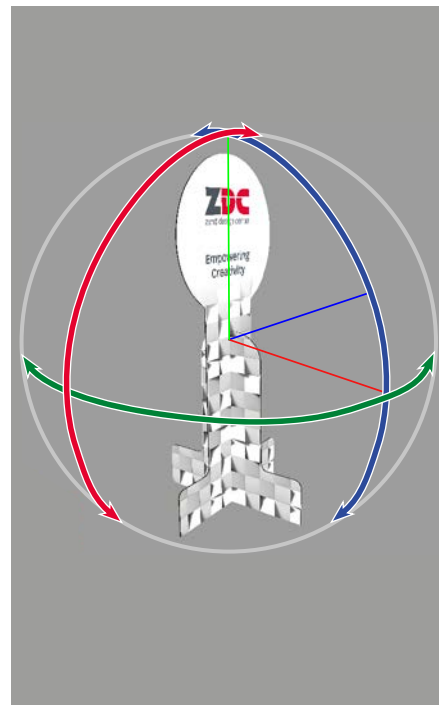
#### Multiple artboards in one file

When opening a design, the size of the used board material can now be specified. Adobe® Illustrator® then creates an artboard that exactly matches these dimensions. This feature also allows you to divide multi-part designs on several artboards as needed. Through specification of the correct material dimensions right at the start of a project, mistakes and unnecessary extra work can be easily avoided. This rapid and simple operation also saves valuable time.



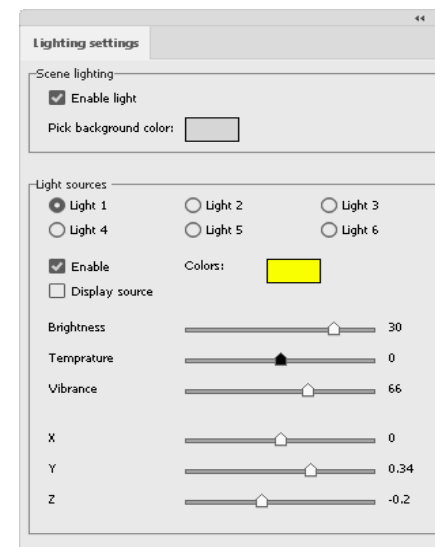
#### Rotation around center of mass

In the 3D preview, the models are set to rotate around the measurement mid-point, resulting in an even better simulation. The new visualization is much more pleasant and realistic for the eye.



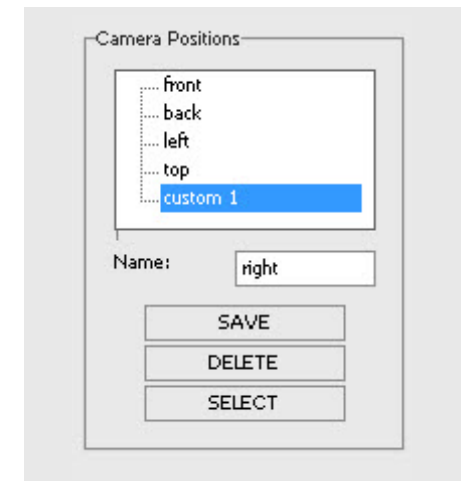
#### Custom light sources

As an alternative to the basic lighting, up to six different light sources can now be used to illuminate the 3D preview. For each light, color, brightness, temperature and vibrance can be individually adjusted. This gives rise to greater customization options for the presentation of your creations and allows you to match the lighting mood to the theme of the design.



#### Custom Camera Positions

This feature allows you to save different camera positions so that the design can always be displayed from the same views. This ensures repeatability even after changes being made to the design or over extended periods of time, increasing ease of use. If multiple proofing checks are needed, you can present the design to your customers each time from the same views, simplifying the simultaneous comparability of different designs.



# Zünd Design Center 3.3.365

## Essential new features



### New software requirements

#### Windows

Adobe Illustrator	Windows 7 SP1	Windows 8	Windows 8.1	Windows 10 (until V1703)
CC 2014	✓	✓	✓	✗
CC 2015	✓	✗	✓	✓
CC 2015.3	✓	✗	✓	✓
CC 2017	✓	✗	✓	✓
CC 2018	✓	✗	✓	✓

#### Mac

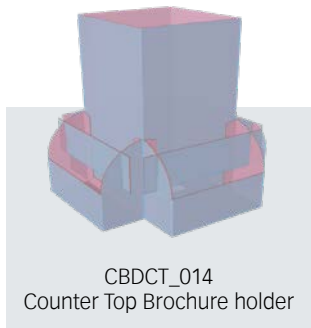
Adobe Illustrator	10.7	10.8	10.9	10.10	10.11	10.12	10.13
CC 2014	✓	✓	✓	✓	✗	✗	✗
CC 2015	✗	✗	✓	✓	✓	✗	✗
CC 2015.3	✗	✗	✓	✓	✓	✗	✗
CC 2017	✗	✗	✗	✓	✓	✓	✗
CC 2018	✗	✗	✗	✗	✓	✓	✓

# Zünd Design Center 3.2.351

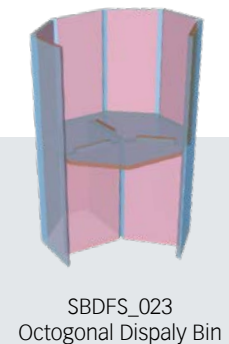
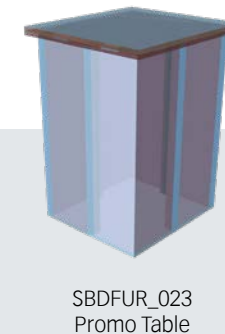
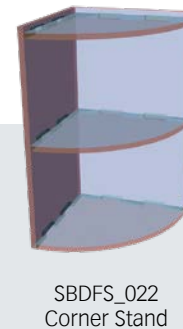
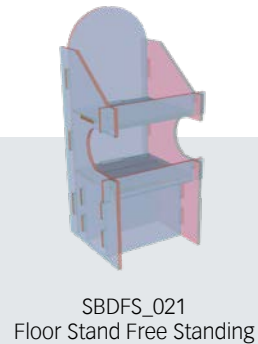
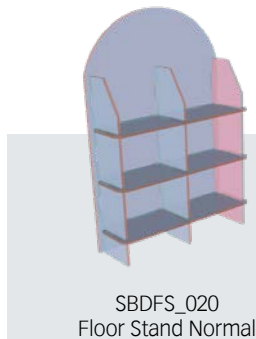
## Essential new features

### New designs

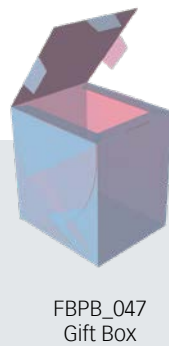
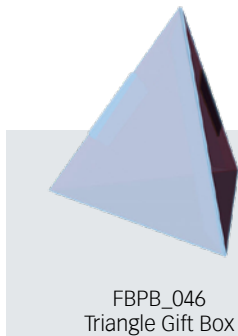
#### Corrugated cardboard



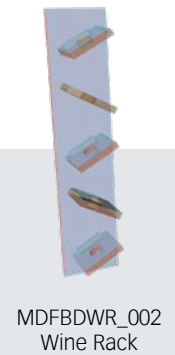
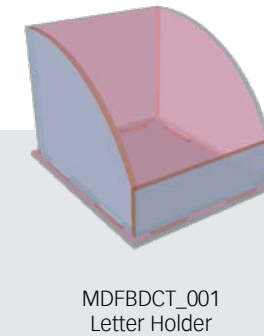
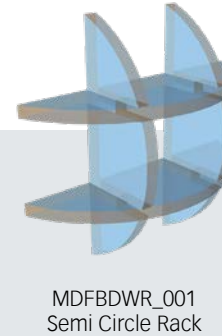
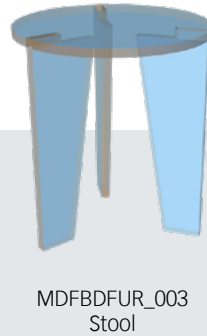
#### Sandwich panel



#### Folding carton



#### MDF





# Zünd Design Center 3.2.351

## Essential new features

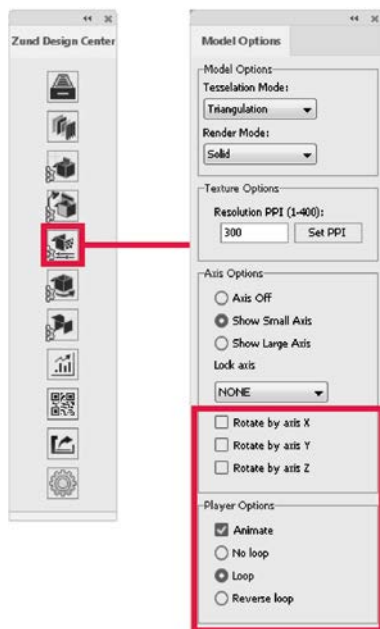
### New functions

#### Axis rotation

In the „Model Options“ submenu, it is now possible to select individual axes around which the design can be rotated in preview mode.

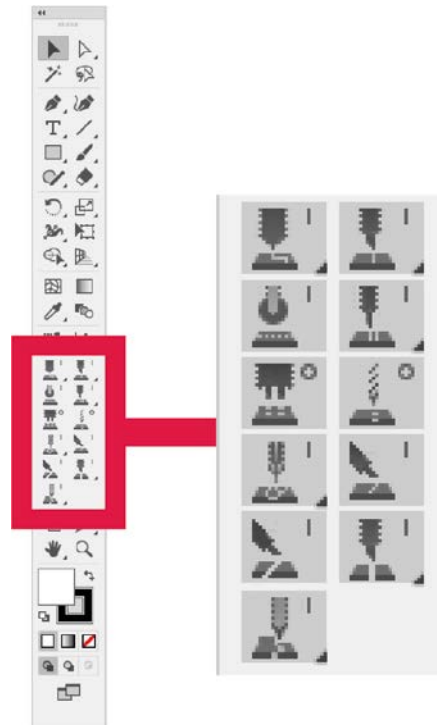
#### Reverse continuous loop

While until now it has only been possible to switch the switch looping on or off, the continuous loop can now also be played back in reverse.



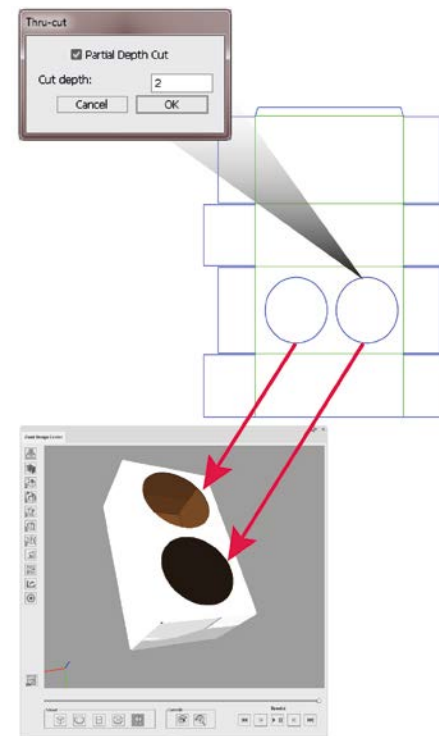
#### ZDC tool palette

The standard tool control panel from Adobe® Illustrator® was expanded with special ZDC tools that make the creation and editing of custom and stock designs easier.



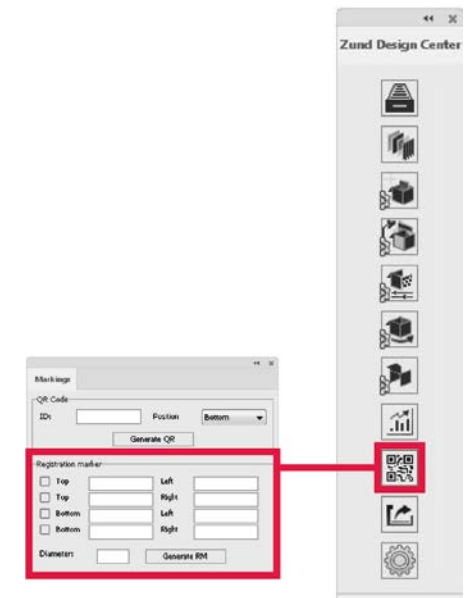
#### Partial depth cut

Some of the new ZDC tools support a partial depth cut. The contour drawn with the tool is not cut out completely in the process; rather, the material is only processed to a user-defined depth.



#### Registration marks

Register marks can also now be generated from the „Markings“ submenu starting immediately. It is possible to individually select their placement as well as the diameter.

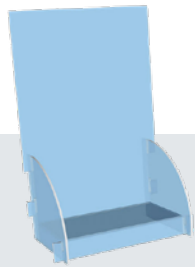


# Zünd Design Center 3.1.345

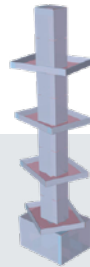
## Essential new features

### New designs

#### Corrugated cardboard

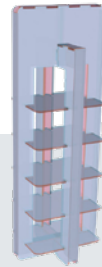


CBDCT\_013  
Counter Top Display



CBDFS\_011  
Four Side Adjustable Display

#### Sandwich panel



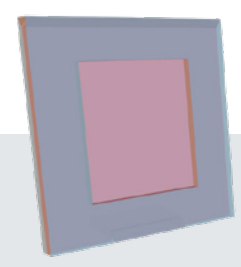
SBDFS\_012  
Four Side Open - Double Support



SBDFS\_013  
Floor Stand Sloped Side



SBDFS\_019  
Floor Stand for Wine Bottles

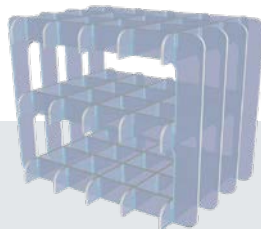


SBDPF\_001  
Photo Frame

#### PVC

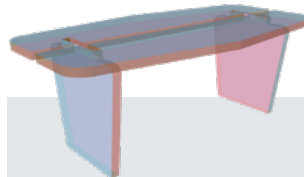


EPBDFS\_003  
Flower Pot

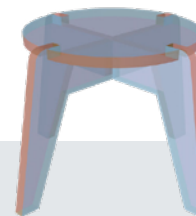


EPBDFUR\_001  
Layered Table

#### MDF



MDFBDFUR\_001  
Tea Table



MDFBDFUR\_002  
Stool

# Zünd Design Center 3.1.345

## Essential new features



### New User Interface

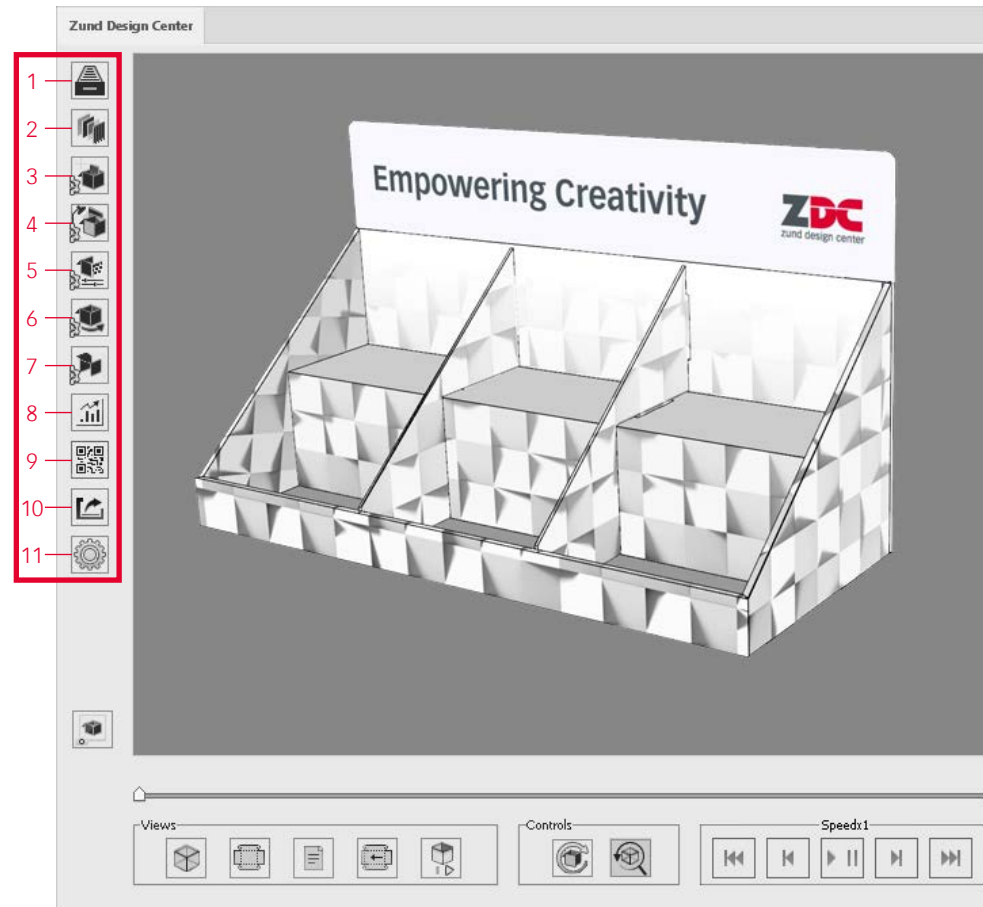
#### Main Window

The ZDC user interface has been completely redesigned. A clearly arranged main window contains all buttons for controlling the 3D preview as well as switching between the different design views.

#### Submenus

For all remaining functions, submenus are grouped by topic and can be individually shown and hidden:

1. Library
2. Materials
3. Objects Manager
4. Lighting Settings
5. Model Options
6. Folding Settings
7. Positioning Settings
8. Statistics
9. Markings
10. Export Settings
11. Settings



### New functions

#### New material: MDF

The ZDC library also now offers design templates for furniture made from MDF board.

#### QR codes

QR codes can now be quickly and easily generated from the new „Markings“ submenu. These are placed at the desired position in a separate layer and increase the efficiency in production.

#### obj. import

Combine as many 3D objects as you would like in a single scene using the function „Add object“. For example, multiple small boxes can be placed in a large POS display or many different types of packaging from a series can be arranged next to one another.

# Zünd Design Center 3.0

## Essential new features

### New designs

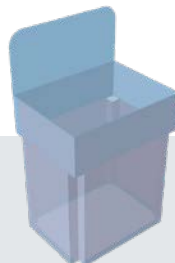
#### Corrugated cardboard



CBDFS\_009  
Profile Cutout with Tray Option



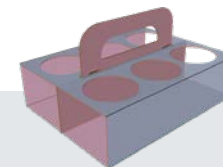
CBDFS\_014  
Ballot Box



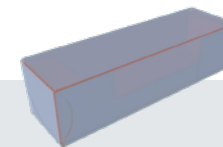
CBDFS\_015  
Bin Display



CBDFS\_016  
Literature Display



CBPB\_066  
Bottle Holder\_B



CBPB\_069  
Wine Box\_Rectangle

#### PVC

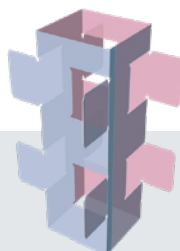


EPBDFS\_001  
Floor Stand

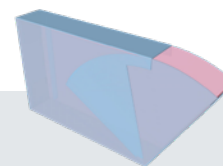


EPBDFS\_002  
Slanted Shelves Floor Stand

#### Folding carton



FBPCT\_001  
Counter Top Display



FBPB\_044  
Dispenser Box

#### PP



PBPB\_004  
Document Holder

#### Sandwich panel



SBDIFS\_018  
Wavy Floor Stand

# Zünd Design Center 3.0

## Essential new features

### New functions in the „Library“ window

#### "SELECT" button

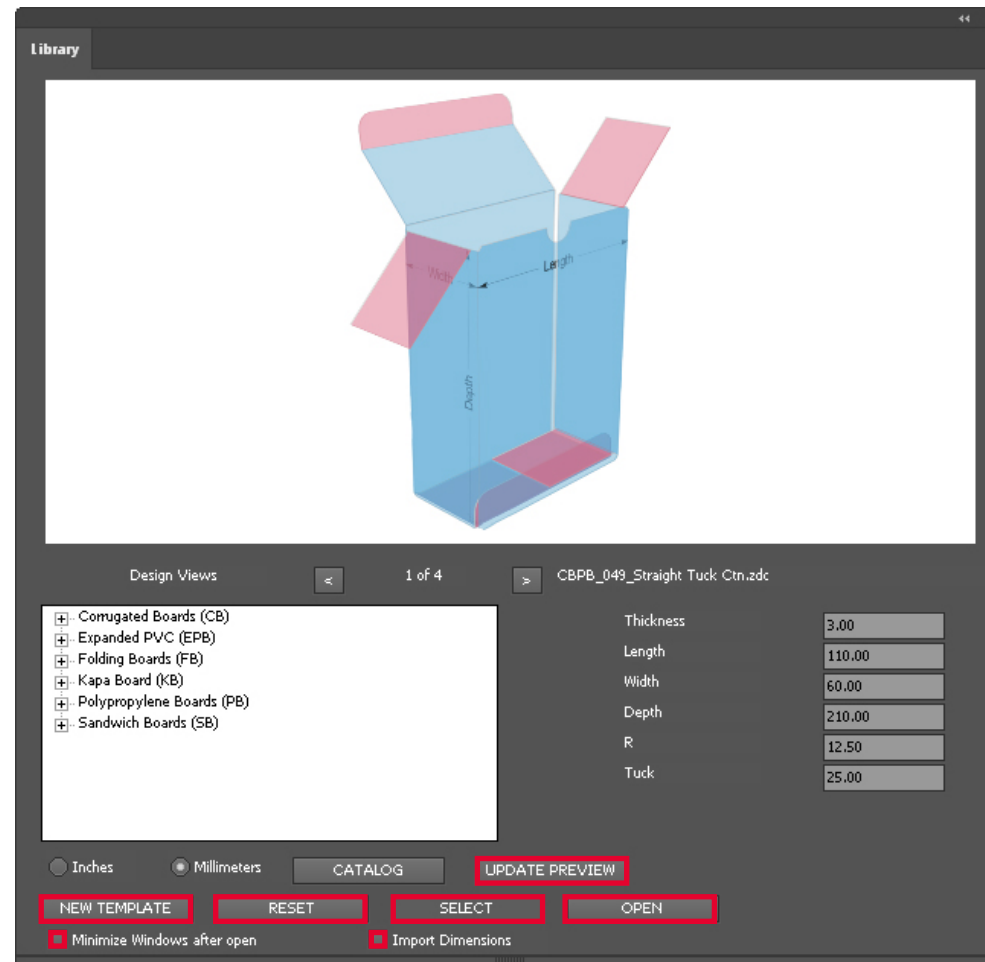
Click „SELECT“ once you have chosen a design in the library and proceed to additional settings.

#### "RESET" button

The „RESET“ button cancels your design selection and takes you back to the library.

#### "UPDATE PREVIEW" button

Once you are finished changing the parametric dimensions of the selected design, click „UPDATE PREVIEW“ to update the die lines (visible in Design View 4/4/).



#### "NEW TEMPLATE" button

Clicking on the "New template" button opens a new .ai file that already contains all relevant layers for various processing methods (e.g. Thru-cut, Face Graphics, Crease, etc.). Select this function to create your own design.

#### „Minimize windows after open“ checkbox

If this option is selected, the library window and 3D preview are automatically minimized as soon as you open a design.

#### „Import Dimensions“ checkbox

If this option is selected, the dimensions of the chosen design are shown on a separate layer in the .ai file.

# Zünd Design Center 3.0

## Essential new features



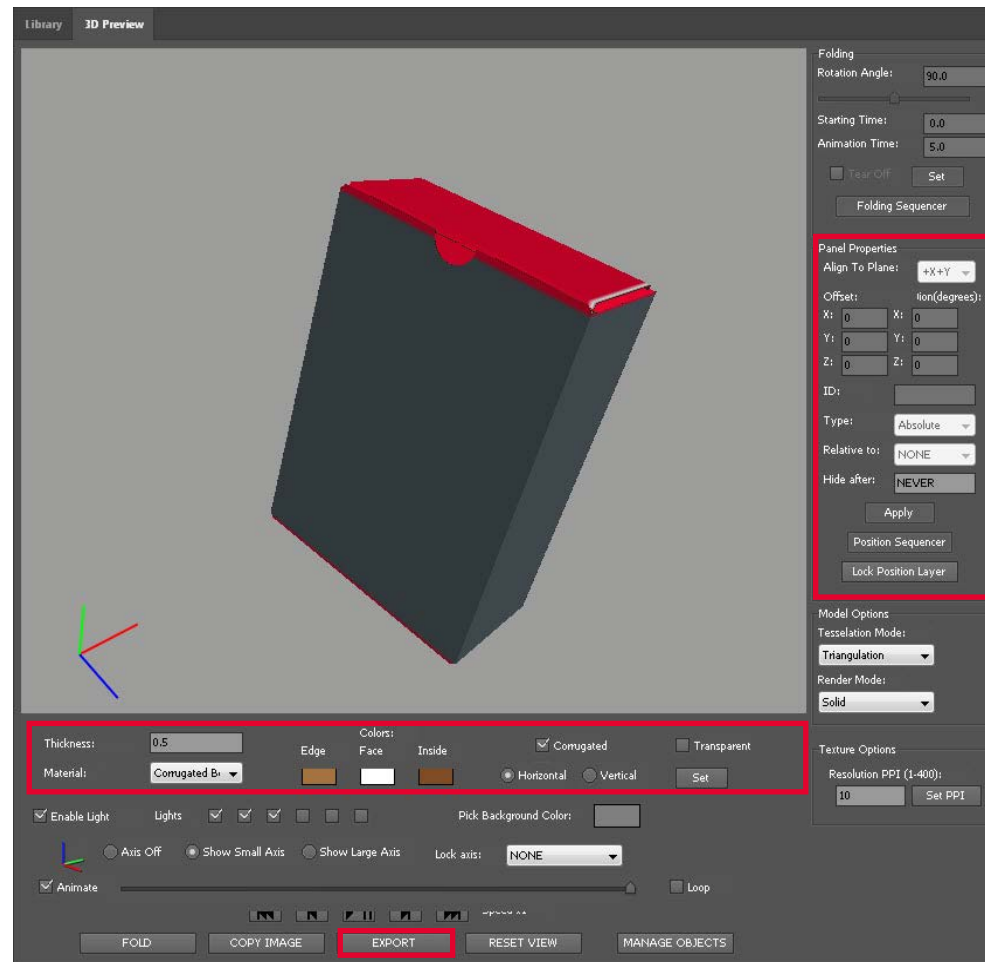
### New functions in „3D Preview“ window

#### „Panel Properties“ section

By completing the entry fields in this section, you can create your own multi-part designs and control the fold previews.

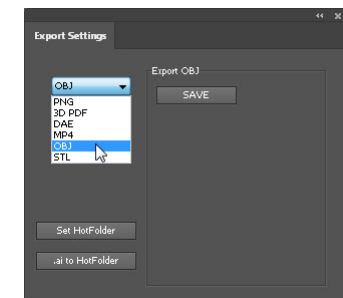
#### Material specifications

You have the option to change a variety of specifications in the current design, including material thickness and type, colors, transparency, and flute direction. Click on "Set" to confirm your entries.



#### "EXPORT" button

The „EXPORT“ button opens a new window and lets you choose different export options:



- Export current view as image (.png)
- Export folded design as 3D object (.dae, .obj, .stl)
- Export folded design as 3D PDF
- Export folding animation as video (.mp4)
- Specify path to (ZCC) hot folder
- Save open .ai file in hot folder

# Zünd Design Center 3.0

## Essential new features



### New software requirements

#### Windows

Adobe Illustrator	Windows 7 SP1	Windows 8	Windows 8.1	Windows 10
CC 2014	✓	✓	✓	✗
CC 2015	✓	✗	✓	✓
CC 2015.3	✓	✗	✓	✓
CC 2017	✓	✗	✓	✓

#### Mac

Adobe Illustrator	10.8	10.9	10.10	10.11	10.12
CC 2014	✓	✓	✓	✗	✗
CC 2015	✗	✓	✓	✓	✗
CC 2015.3	✗	✓	✓	✓	✗
CC 2017	✗	✗	✓	✓	✓