

Zünd Design Center 4.2

Essential new features

New designs

Corrugated cardboard

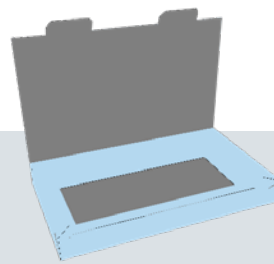


CBDFS_017
Floor Stand

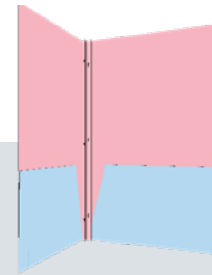


CBPB_079
Hexagonal Box

Folding carton



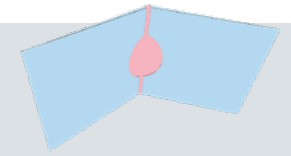
FCPB_056
Gift Box



FCPF_020
Document Folder



FCPF_021
Envelope



FCPF_022
CD POUCH

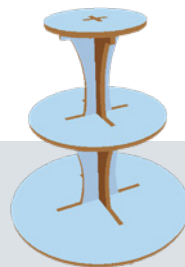
Sandwich panel



SBDIFS_027
FS Corner



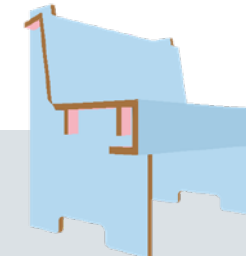
SBDIFS_028
FS Body Shaped



SBDIFS_029
FS Cup Cake holder

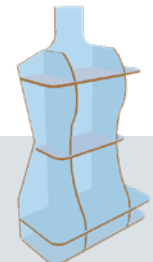


SBDIFUR_029
Sofa



SBDIFUR_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

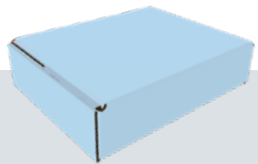
Adobe Illustrator	10.14	10.15
2017	✗	✗
2018 (Oct. 2017)	✗	✗
2019	✓	✗
2020	✓	✓

Zünd Design Center 4.1

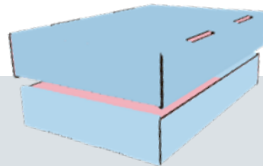
Essential new features

New designs

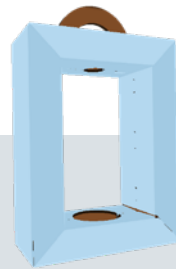
Corrugated cardboard



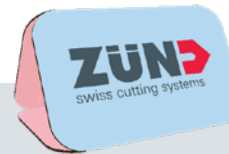
CBPB_076
1Slot ChLock



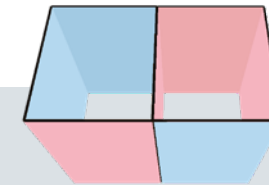
CBPB_077
Top & Bottom Tray Box



CBPB_078
Bottle Carry Case



CBDCT_016
Desk Tidy



CBPD_018
Divider

MDF



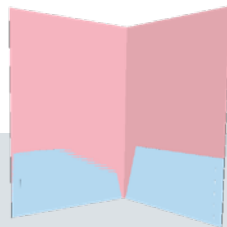
MDFBFS_002
FS_Two way

Sandwich panel

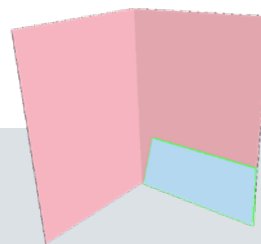


SBDFS_026
FS_House Style

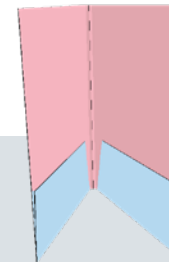
Folding carton



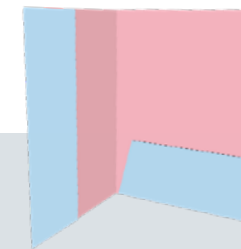
FCPF_016
Document Folder_Double Pocket



FCPF_017
Document Folder_Single Pocket



FCPF_018
Document Folder_with Thickness



FCPF_019
Document Folder_Side Pocket



FCPB_055
Purse Box

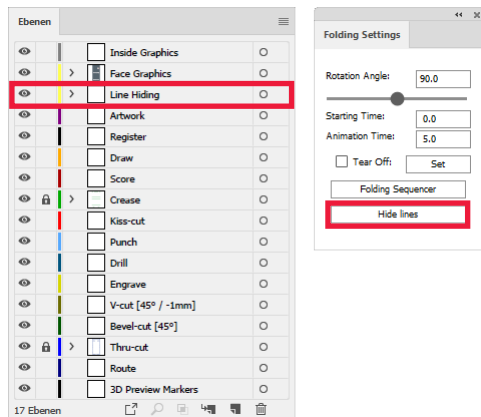
Zünd Design Center 4.1

Essential new features



Hiding lines for printing

Cutting, creasing, and other path data required for producing the finished designs is rarely printed. A new layer called „Line Hiding“ is now available. It contains white fill which permits hiding all paths with one click.

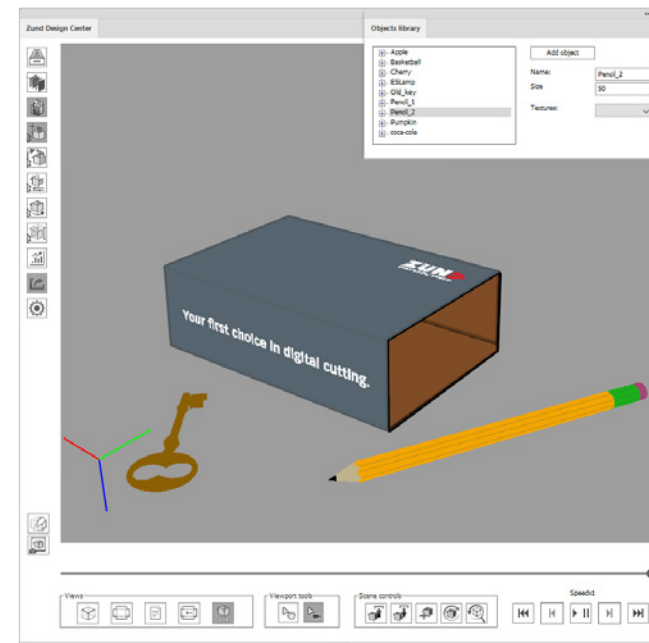


New .zcc export format

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.

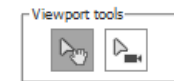
Objects library

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

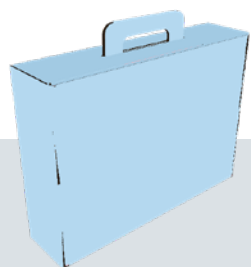
Adobe Illustrator	10.12	10.13
CC 2015.3	✗	✗
CC 2017	✓	✗
CC 2018	✓	✓
CC 2019	✓	✓

Zünd Design Center 4.0

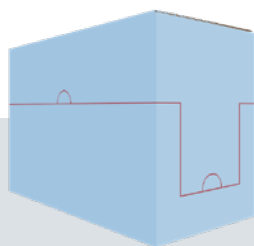
Essential new features

New designs

Corrugated cardboard

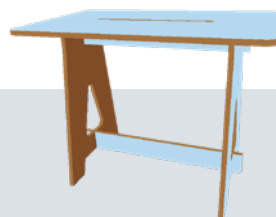


CBPB_070
Give Away Box



CBPB_075
Self Display Box

MDF



MDFBDFUR
004_Table

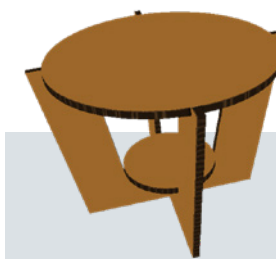


MDFBDFUR
005_Chair



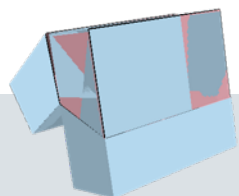
MDFBFS
001_Floor Stand

Sandwich panel

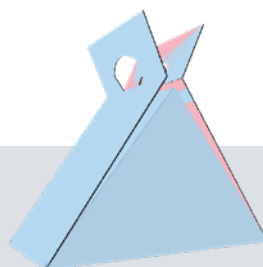


SBDFUR
017_Centre Table

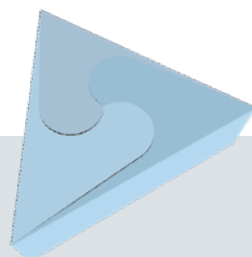
Folding carton



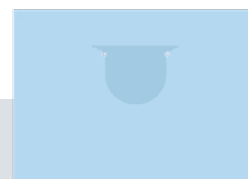
FBPB_045
Self Dispenser Gift Box



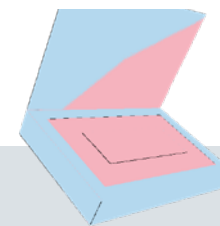
FBPB_052
Triangle Gift Box



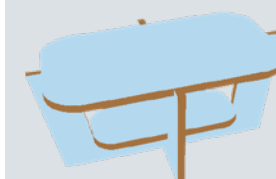
FBPB_053
Triangle Gift Box_small



FBPF_015
Brochure Folder



FBPB_045
Chocolate Gift Box



SBDFUR
026_Centre Table_Rectangle

Zünd Design Center 4.0

Essential new features



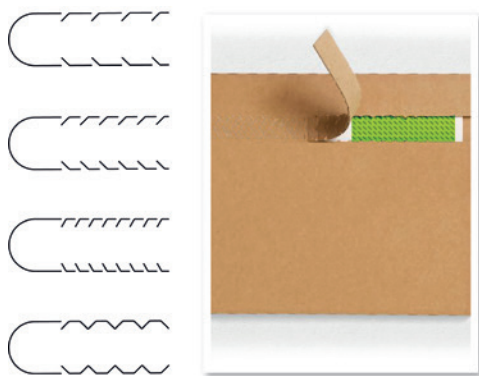
New functions

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.

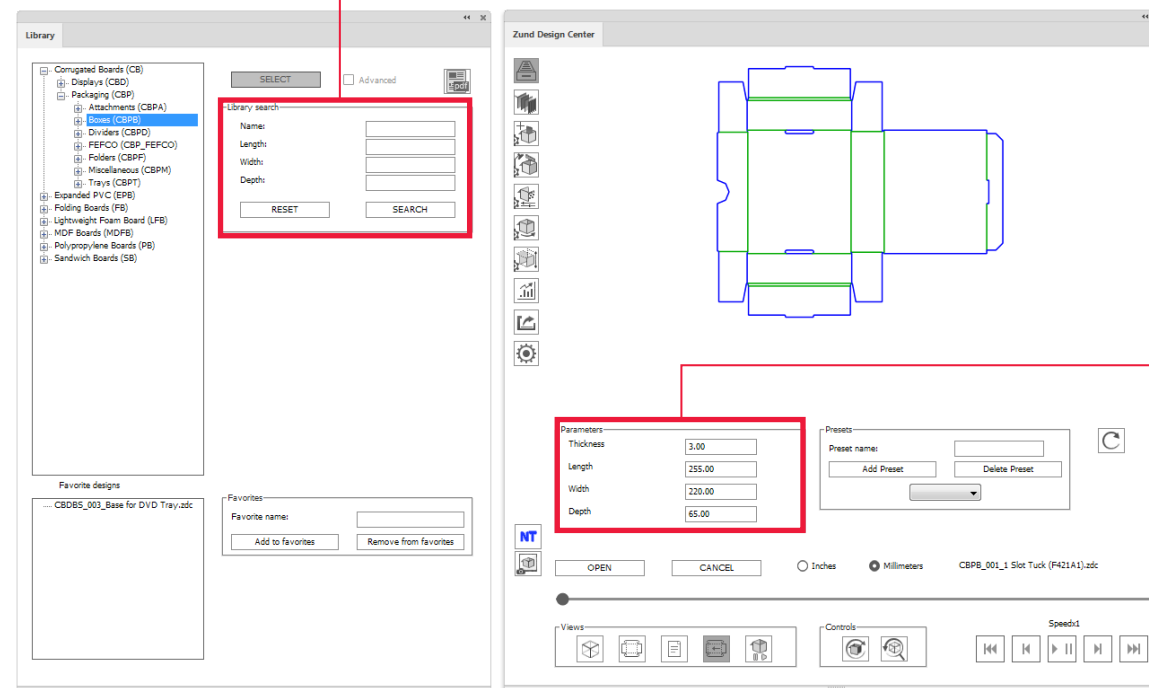
Tear Strip Tools

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.



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.



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

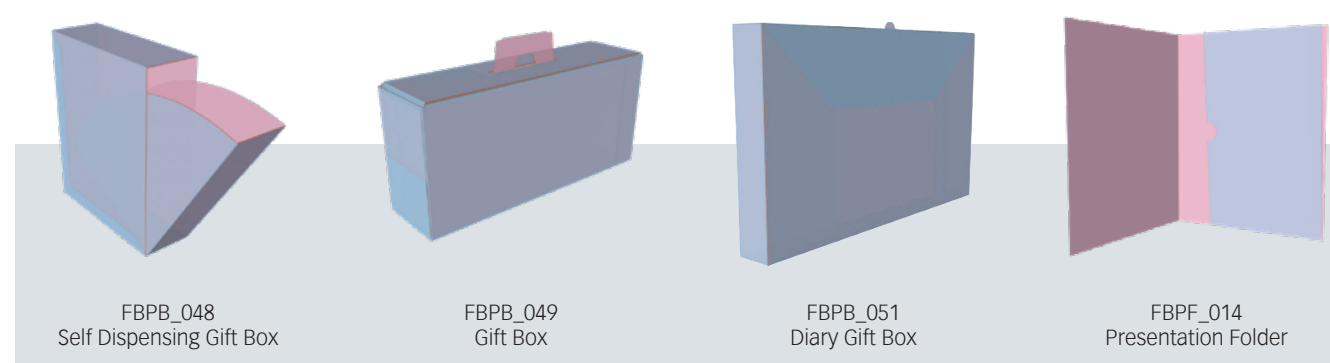
Essential new features

New designs

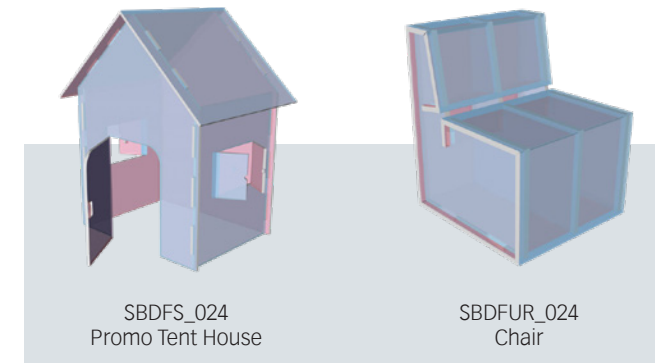
Corrugated cardboard



Folding carton



Sandwich panel



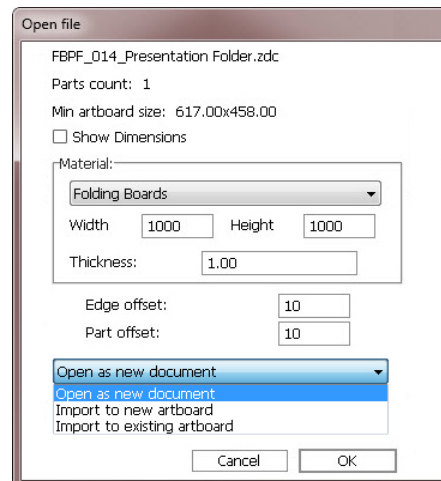
Zünd Design Center 3.3.365

Essential new features

New functions

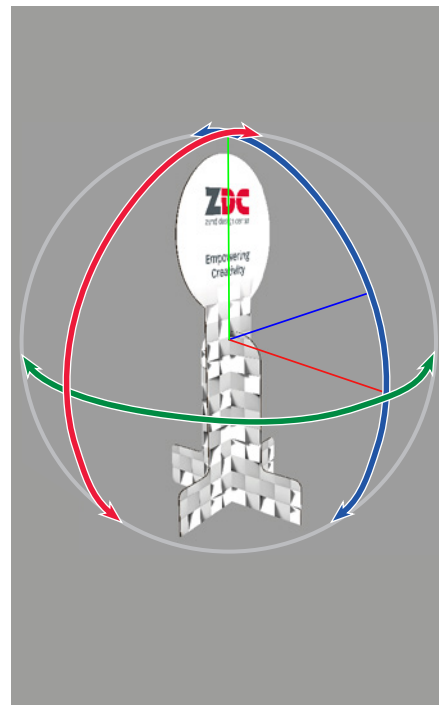
Multiple artboards in one file

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.



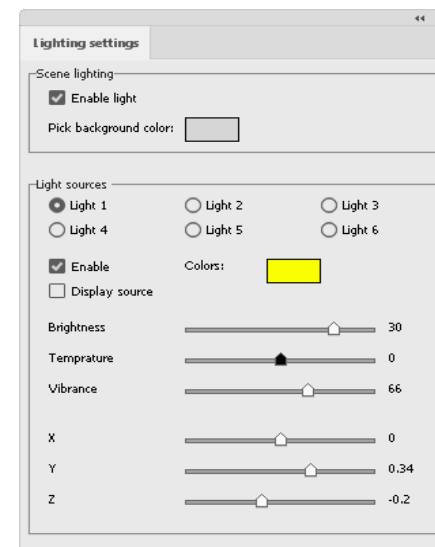
Rotation around center of mass

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.



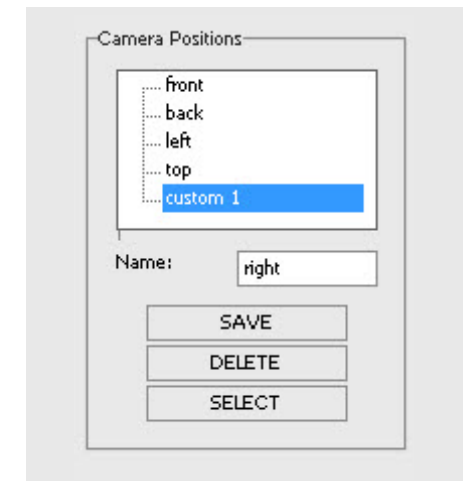
Custom light sources

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

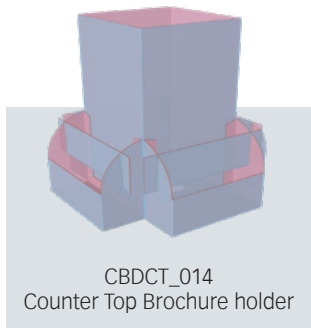
Adobe Illustrator	10.7	10.8	10.9	10.10	10.11	10.12	10.13
CC 2014	✓	✓	✓	✓	✗	✗	✗
CC 2015	✗	✗	✓	✓	✓	✗	✗
CC 2015.3	✗	✗	✓	✓	✓	✗	✗
CC 2017	✗	✗	✗	✓	✓	✓	✗
CC 2018	✗	✗	✗	✗	✓	✓	✓

Zünd Design Center 3.2.351

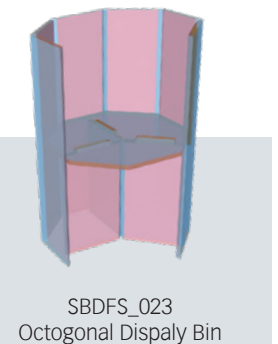
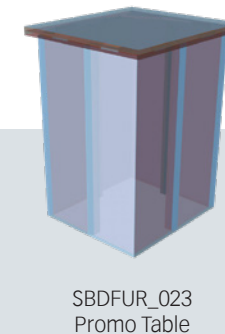
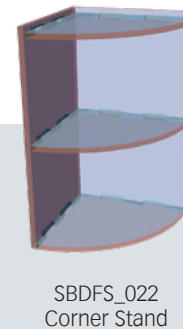
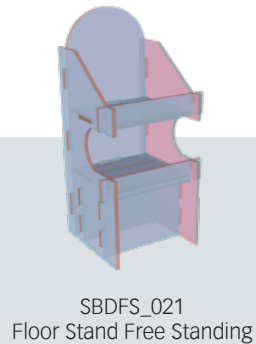
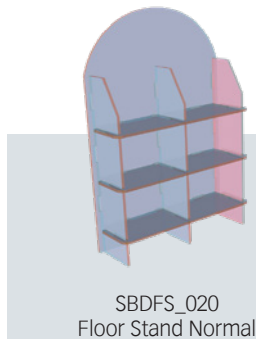
Essential new features

New designs

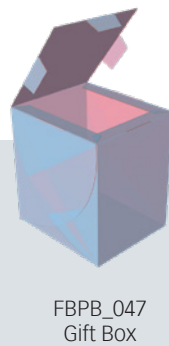
Corrugated cardboard



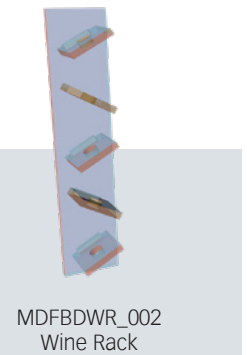
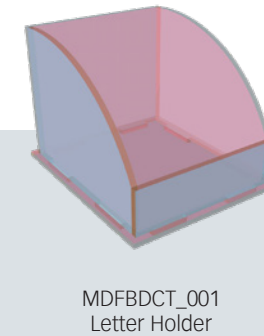
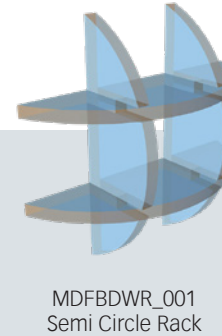
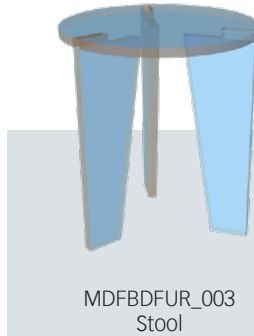
Sandwich panel



Folding carton



MDF



Zünd Design Center 3.2.351

Essential new features

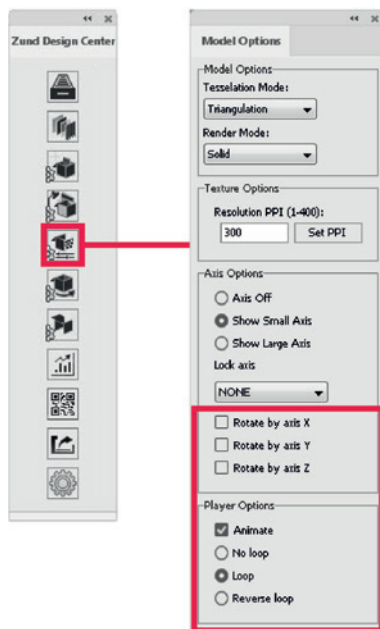
New functions

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.

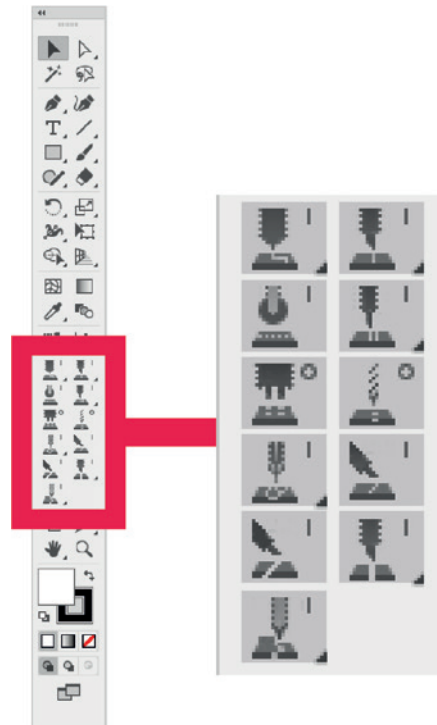
Reverse continuous loop

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.



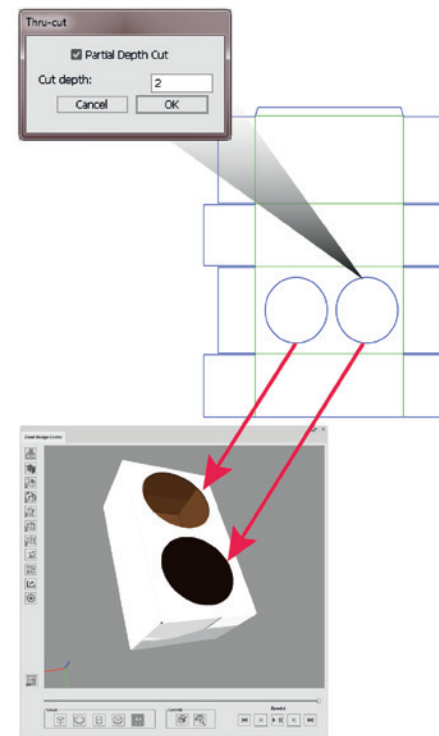
ZDC tool palette

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.



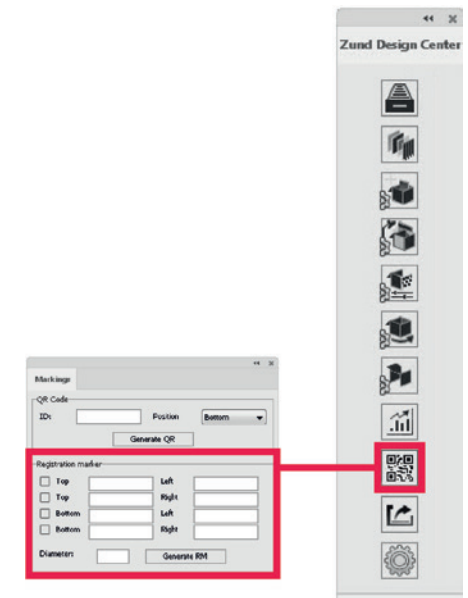
Partial depth cut

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

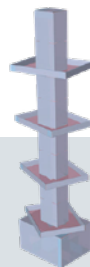
Essential new features

New designs

Corrugated cardboard

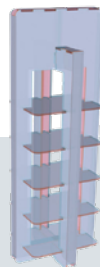


CBDCT_013
Counter Top Display



CBDFS_011
Four Side Adjustable Display

Sandwich panel



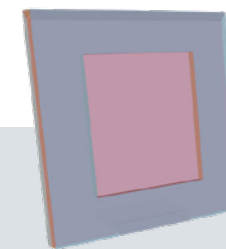
SBDFS_012
Four Side Open - Double Support



SBDFS_013
Floor Stand Sloped Side



SBDFS_019
Floor Stand for Wine Bottles

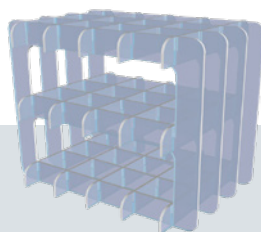


SBDPF_001
Photo Frame

PVC

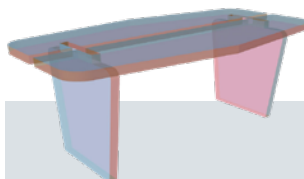


EPBDFS_003
Flower Pot

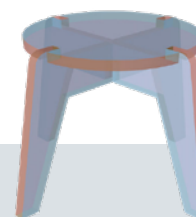


EPBDFUR_001
Layered Table

MDF



MDFBDFUR_001
Tea Table



MDFBDFUR_002
Stool

Zünd Design Center 3.1.345

Essential new features



New User Interface

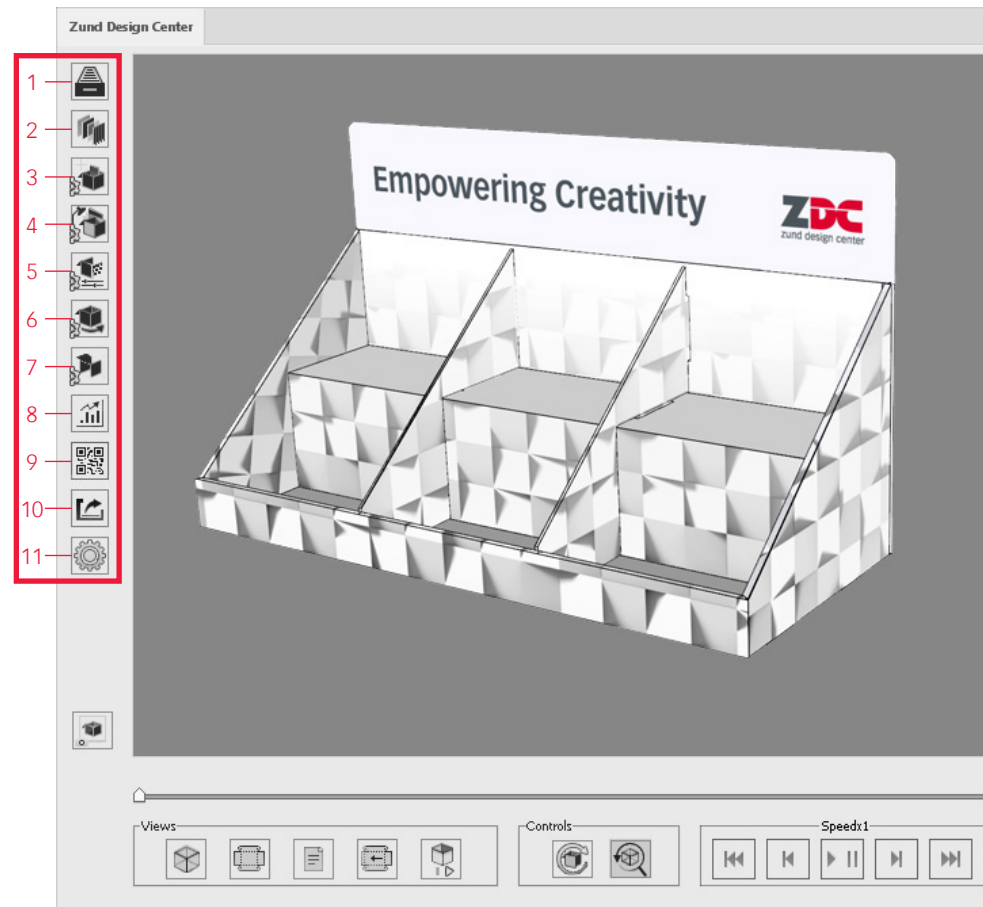
Main Window

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

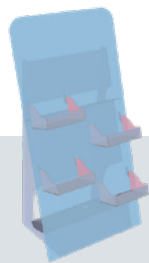
Combine as many 3D objects as you would like in a single scene using the function „Add object“. For example, multiple small boxes can be placed in a large POS display or many different types of packaging from a series can be arranged next to one another.

Zünd Design Center 3.0

Essential new features

New designs

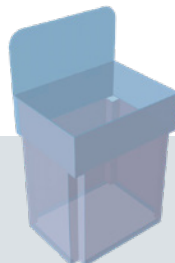
Corrugated cardboard



CBDFS_009
Profile Cutout with Tray Option



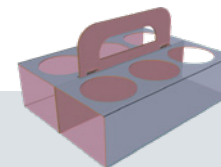
CBDFS_014
Ballot Box



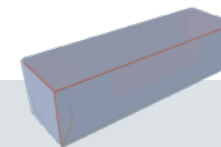
CBDFS_015
Bin Display



CBDFS_016
Literature Display

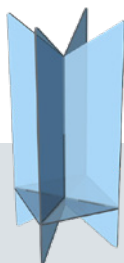


CBPB_066
Bottle Holder_B



CBPB_069
Wine Box_Rectangle

PVC

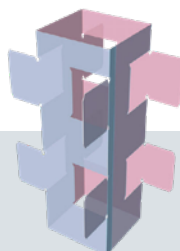


EPBDFS_001
Floor Stand

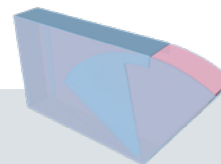


EPBDFS_002
Slanted Shelves Floor Stand

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

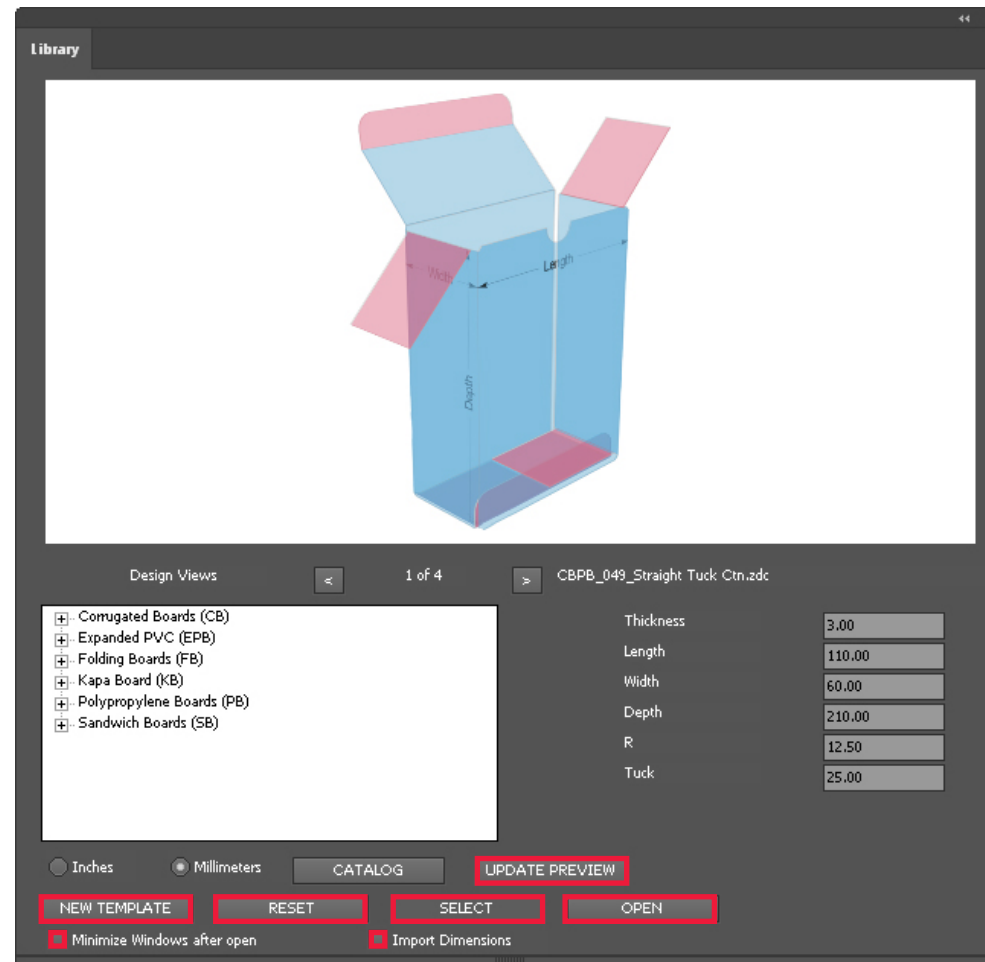
Click „SELECT“ once you have chosen a design in the library and proceed to additional settings.

"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

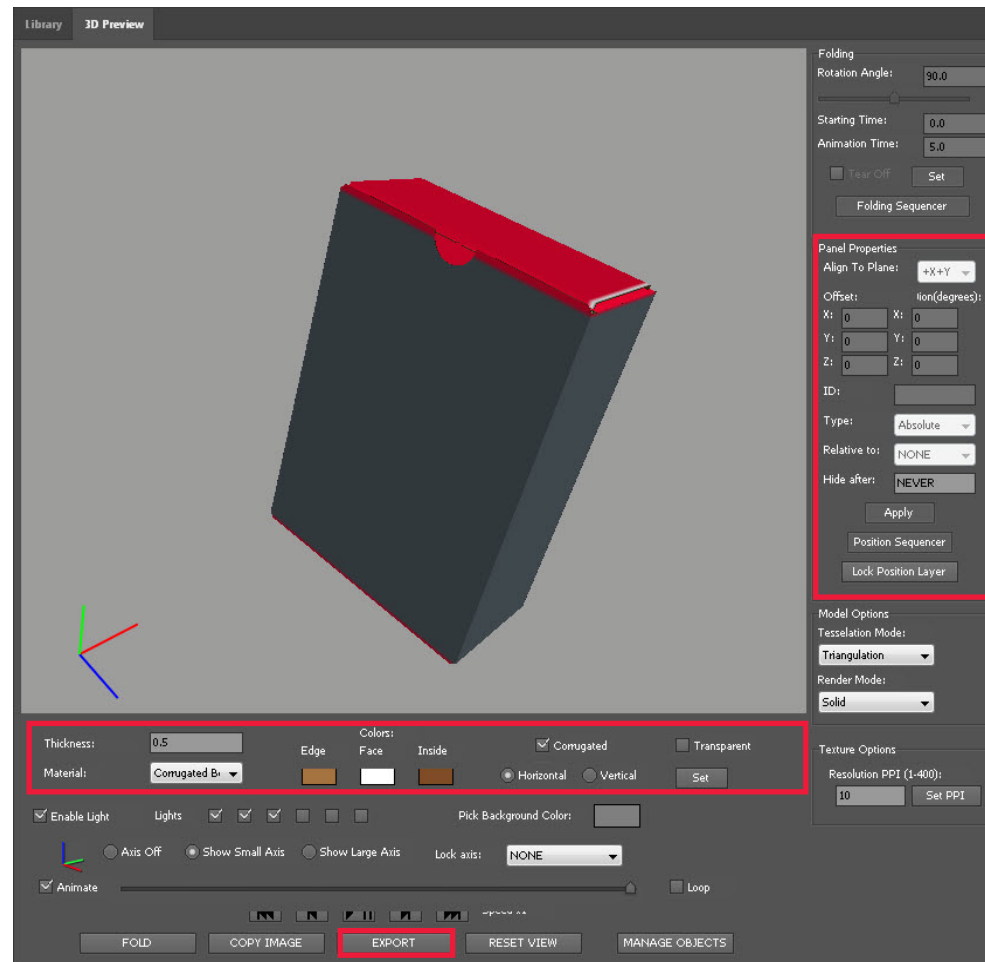
New functions in „3D Preview“ window

„Panel Properties“ section

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

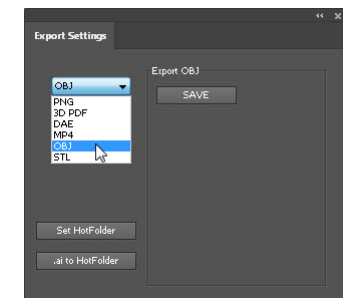
Material specifications

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	✗	✗	✓	✓	✓