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

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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

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

MDF
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

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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.

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.

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.

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 Systemtechnik AG
Industriestrasse 8 ∙ CH-9450 Altstätten ∙ T +41 71 554 81 00 ∙ info@zund.com ∙ www.zund.com
# Zünd Design Center 4.0

## Essential new features

### New software requirements

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Zünd Design Center 3.3.365
Essential new features

New designs

Corrugated cardboard

CBDCT_015  Counter Top Bottle Holder
CBPB_071  Box Hanger
CBPB_072  Cup Holder
CBPB_073  File Case
CBPB_074  Carry Case

Folding carton

FBPB_048  Self Dispensing Gift Box
FBPB_049  Gift Box
FBPB_051  Diary Gift Box
FBPF_014  Presentation Folder

Sandwich panel

SBDFS_024  Promo Tent House
SBDFUR_024  Chair
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

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Zünd Design Center 3.2.351

Essential new features

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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**
- CBDOCT_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
- SBDFUR_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

- SBDFS_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

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