



3YOURMIND

3D Printing Plug-in for Vectorworks

Version 1.1

07.06.2017

1. VECTORWORKS VERSION

The 3D Printing Plug-in runs with Vectorworks 2016 and 2017.

2. ABOUT

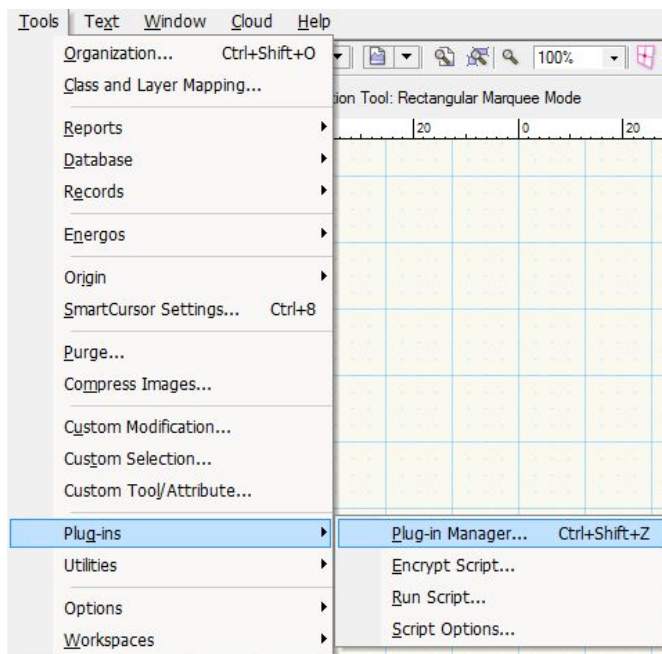
It provides a new way of easily printing 3D models designed in Vectorworks. Just open the model you want to print and hit the „3D Printing Plug-in” command. The currently open view with all models will be printed.

The plug-in uploads your model to 3YOURMIND where you can compare prices for different materials on the best 3D printing services. Furthermore you can also get your model ready for printing by analyzing and repairing it on the platform.

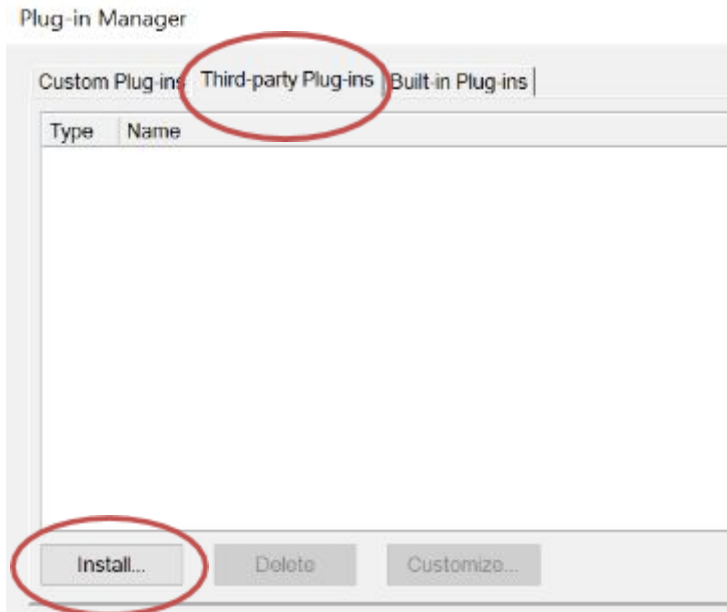
3. INSTALLATION

To install the plug-in open Vectorworks and at the top menu go to

“Tools” → “Plug-ins” → “Plug-in Manager..”

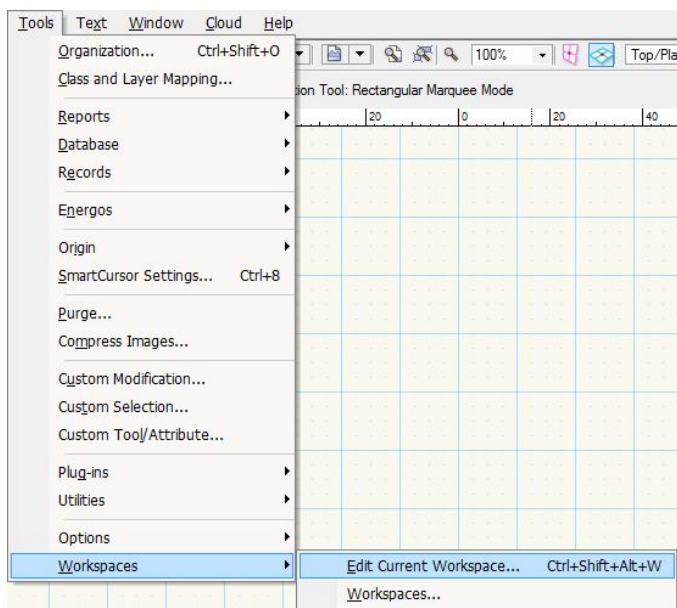


A small window “Plug-in Manager” will open, click on the middle tab called “Third-party Plug-ins” and choose “Install...” find the zip file “**vectorworks_3D_printing_plugin.zip**” in your local directory which should come with this documentation.



A message should appear, stating that a restart of Vectorworks is necessary. Save your work and restart the program. After restarting Vectorworks the plug-in is installed. For the last step you have to add the plug-in to your workspace.

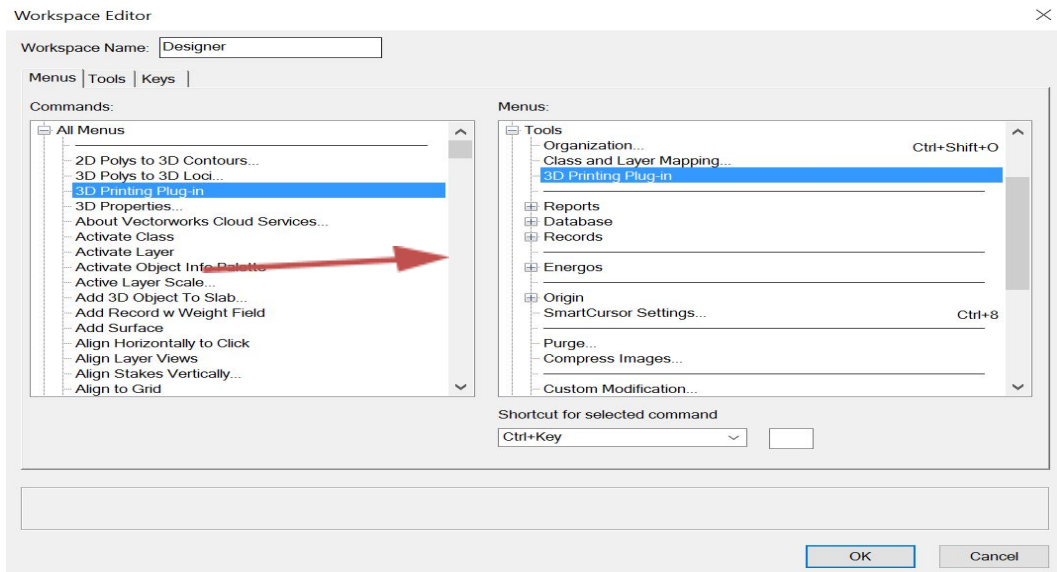
Go to “Tools” → “Workspaces” → “Edit Current Workspace”



Now you can decide either to add the plug-in to the menu or add it as a new tool or both of course.

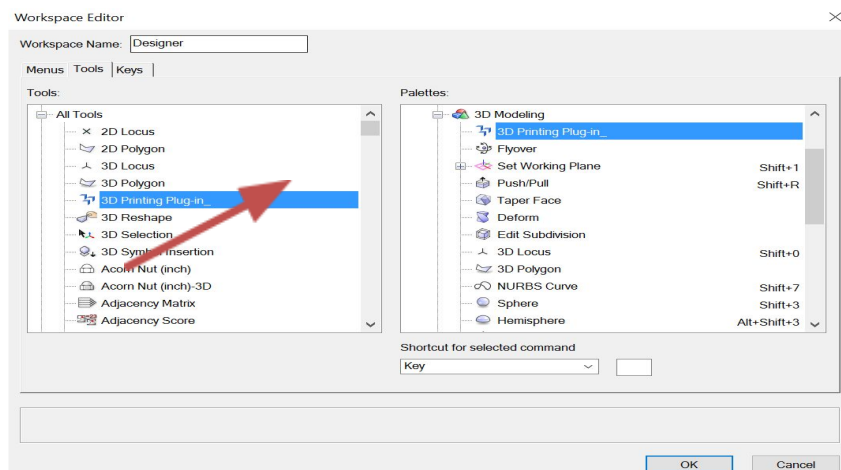
1. Add the 3D Printing Plug-in command in the menu:

In the workspace editor in the tab “Menus”, on the left side open “All Menus” so you can find the “**3D Printing Plug-in**”. Drag and drop it in the right box. You can select where you want to place it in the menu structure of Vectorworks.



2. Add the 3D Printing Plug-in tool to your workspace:

In the workspace Editor, the second tab “Tools”, on the left side within the category Import/Export look for “**3D Printing Plug-in_**”. Drag and drop it in the right box. Here you can also select a tool category for the plug-in.

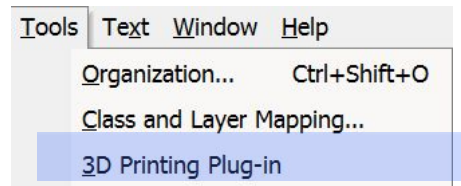


4. USAGE

Follow the description below to use the plug-in:

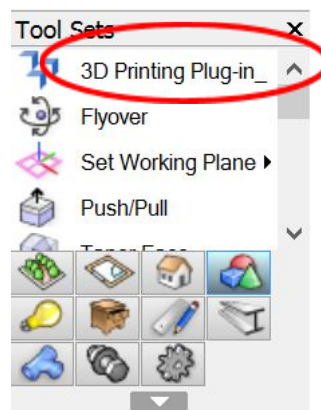
If you added the plug-in as a menu command:

1. Select the models you want to print
2. Hit the “3D Printing Plug-in” command in the menu, depending where you put it
3. Chosen models are going to be exported as STL to our 3D printing platform



If you added the plug-in as a tool:

1. Select the “3D Printing Plug-in” tool in the toolbar, depending where you put it
2. Click anywhere on your workspace to export selected model(s) to the 3D printing platform 3YOURMIND



Please consider that after pressing the 3D Printing Plug-in depending on the complexity of the model(s) you might need to wait a few seconds.

You have now the option to choose a material and scaling, get your model optimized for 3D printing and compare prices of the best 3D printing services.

5. UNINSTALL/UPDATE TO NEW VERSION

To update the Vectorworks plug-in to a new version you have to uninstall the old one first.

1. Go to “Tools” → “Plug-ins” → “Plug-In Manager..”
2. Open the first tab “Custom-Plug-ins”
3. Choose the plug-in “3D Printing Plug-in” in the list below and hit “Remove”
4. After confirming, the plug-in should not be listed anymore.
5. Repeat step **3** and **4** for “3D Printing Plug-in_”
6. Do not forget to remove the command/tool from your workspace (“Tools” → “Workspace” → “Edit current workspace”)

6. PROBLEMS

Should you have some issues regarding the installation or usage try the following steps:

1. Restart Vectorworks, make sure you added the plug-in to your workspace
2. Make sure your model is a 3D model and you selected a 3D mesh.
3. Check if you are connected to the internet.
4. Check on <https://www.3yourmind.com/3d-printing-plugin-vectorworks> if you are using the latest version and if the plug-in supports your current version of Vectorworks
5. Contact us on plugins@3yourmind.com

Please be patient with large models. They could take few minutes to upload.

By using this plug-in you agree to the terms and conditions of 3YOURMIND GmbH. See more information on [3yourmind.com](https://www.3yourmind.com)