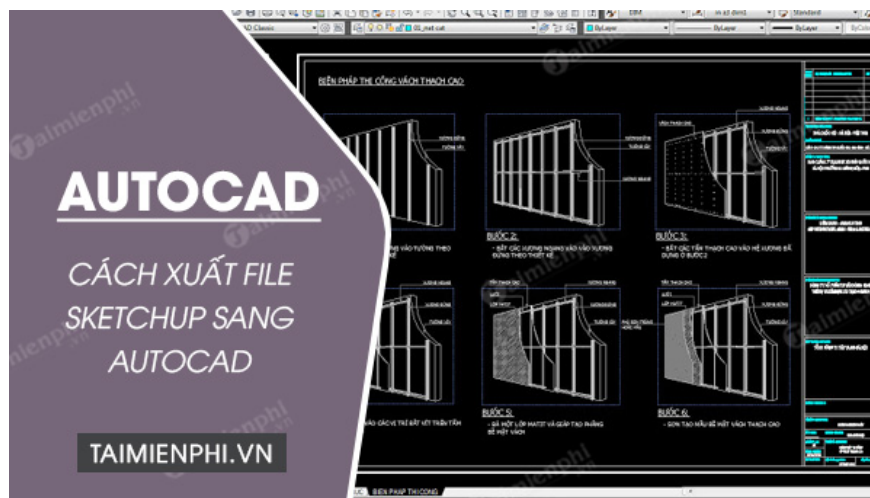


How to export SketchUp files to AutoCAD

If you don't know how to export SketchUp files to AutoCAD 2D or 3D, please continue reading this article by TipsMake to learn the steps involved.

The steps to **export a SketchUp file to AutoCAD** are quite simple. Refer to the article below from TipsMake for detailed instructions.



Exporting SketchUp files to AutoCAD 2D and 3D files is simple and efficient.

Download link for the latest AutoCAD version:

=> See also [How to download and install the latest AutoCAD 2020](#)

To export a SketchUp file to an AutoCAD 2D file, follow these steps:

Step 1 : To maintain the model's scale in the exported file, in SketchUp, select **Camera => Parallel Projection**. Next, set the view mode to one of the standard modes in SketchUp by selecting **Camera => Standard Views** and choosing any option from the menu.

Step 2: Select **File => Export => 2D Graphic**.


Step 3: Choose the location or folder where you want to save the exported file.

Step 4 : If desired, you can change the exported file name to avoid conflict with the current file name.

Step 5: Select the file format as **.dwg** or **.dxf** from the **Save As Type** menu (on Windows) or the **Format** menu (on Mac).

Step 6: Click the **Options** button and set the Scale and Line values. Once complete, click **OK** on the DWG/DXF Hidden Line Options dialog box (on Windows) or the Export Options dialog box (on Mac).

Step 7: Click **Export** to export the Sketch file to AutoCAD. This file will be saved in the folder you selected.



DWG/DXF Hidden Line Options

AutoCAD Version
Release 14

Drawing Scale & Size
 Full Scale (1 : 1)
Width: 89' 9 7/8" In Drawing
Height: 54' 9 1/8" In Model

Profile Lines
Export Width: 1 1/16"
 None
 Polylines with width
 Wide line entities
 Separate on a layer
 Automatic

Section Lines
Export Width: 1 5/8"
 None
 Polylines with width
 Wide line entities
 Automatic

Extension Lines
 Show extensions Length: 0"
 Automatic

Always Prompt for Hidden Line Options

Defaults OK Cancel

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Below, TipsMake will explain some additional options and parameters when exporting files:

- **AutoCAD Version:** Select the AutoCAD version you want to use to open the exported file.

- **Drawing Scale & Size :** By default, the box next to the **Full Scale** option is checked. If desired, you can uncheck this option and set a custom scale. Enter the actual value you want to use to set the file scale in the **Drawing** box . In the Model box, enter the value to set the scale of the exported file.

- **Profile Lines:** Here you can customize the aspect ratio of the lines displayed in the exported file, including:

Option **None:** Export the file in standard width.

Polylines with Width option : Exports lines as polylines in AutoCAD.

Wide Line Entities option : Exports lines as wide line entities in AutoCAD.

- **The "Separate on a Layer" box** is also checked by default, to create layers for the edges of the file.

- **Section Lines:** If exporting selected lines or a section, these export options will be available.

- **Edge Extensions:** Some CAD applications may malfunction in recognizing endpoints and intersections if you use the SketchUp Line extension in your model. Uncheck the **Show Extensions** option to disable the extension in the exported file.

Additionally, to restore the settings to their original default state, you can click the **Defaults button**.

To export a SketchUp file to AutoCAD 3D, follow these steps:

Step 1 : In SketchUp, select **File => Export => 3D Model** . The Export Model dialog box will then appear on the screen.

Step 3: Choose the location or folder where you want to save the exported file.

Step 4 : If desired, you can change the exported file name to avoid conflict with the current file name.

Step 5: Select the file format as **.dwg** or **.dxf** from the **Save As Type** menu (on Windows) or the **Format** menu (on Mac).

Step 6: Click **the Options button** to open the Export Options dialog box. Next, select the AutoCAD version you want to use to open the exported file from the **AutoCAD Version menu**. Then, in the **Export section**, check the boxes next to the entity types you want to include in the exported file, and then click **OK**.

Step 7: Return to the Export Model dialog box, click **Export** to export the Sketch file to AutoCAD 3D. The exported file will be saved in the folder you selected.

AutoCAD Export Options



AutoCAD Version

Release 14

Export

- Faces
- Edges
- Construction Geometry
- Dimensions
- Text
- Materials

OK Cancel

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The article above guides you on how to export SketchUp files to AutoCAD. We wish you success.

However, if you are a professional AutoCAD user, you should also learn about some basic AutoCAD commands for drawing to be able to work faster and more easily.

You finished reading the article "**How to export SketchUp files to AutoCAD**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.