

SketchUp

Introduction

- An application that allows users to draw 2D and 3D models.
- Simplest and Easiest to use.
- Mainly used for architectural, civil, mechanical engineering and other forms of design.

Sketchup for Web

<https://www.sketchup.com/en/products/sketchup-for-web>

Steps:

- I. Sign in to Trimble or Create a Trimble ID
- II. <https://app.sketchup.com/app>

System Requirements for Sketchup

Recommended Hardware Requirements

- 2+ GHz processor
- At least 8GB of RAM
- At least 2GB of available hard disk space

Minimum Hardware Requirements

- 1 GHz processor
- 4GB of RAM
- 1.5GB of available hard disk space

For more info visit: <https://help.sketchup.com/en/sketchup/system-requirements>

NAVIGATION

- Hold Scroll Mouse Button: **Orbit**
- Scroll Mouse Button Up/Down: **Zoom In/Out**
- Shift + Hold Scroll Button or, (Orbit+ Shift+ hold left mouse button): **Pan**
- Hold Left Mouse Button: **Selection**

For Plugins/Extensions Download

- i. Extension Warehouse
- ii. <http://sketchucation.com/>

To Understand New Features of SketchUp Pro 2023

Visit: <https://help.sketchup.com/en/release-notes/sketchup-desktop-20230>

SketchUp Pro



SketchUp Make Vs Pro

SketchUp Features	Make	Pro
Build 3D models	✓	✓
Import CAD files	✗	✓
Export CAD and PDF files	✗	✓
Create multi-page presentation sets	✗	✓
Produce construction drawings	✗	✓
Export animation videos of any size	✗	✓
Present files and full-screen presentations	✗	✓
Add custom attributes and behaviors	✗	✓
Generate lists and reports	✗	✓
Use solid modelling tools	✗	✓
Make hand-drawn rendering styles	✗	✓
Work with simulated film cameras	✗	✓
Email technical support	✗	✓
Licensed for commercial use	✗	✓
Import, Export, and Create IFC Files	✗	✓