SKYJACK - Vertical Lifting Platforms
Vertical Masts & Scissor Lifts
User Guide

SKYJACK
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SKYJACK – Vertical Lifting Platform – BIM content

Thank you for downloading this SKYJACK component. This user guide has been included to provide guidance on how to correctly use and make the most of the content.

Loading the SKYJACK family into your project

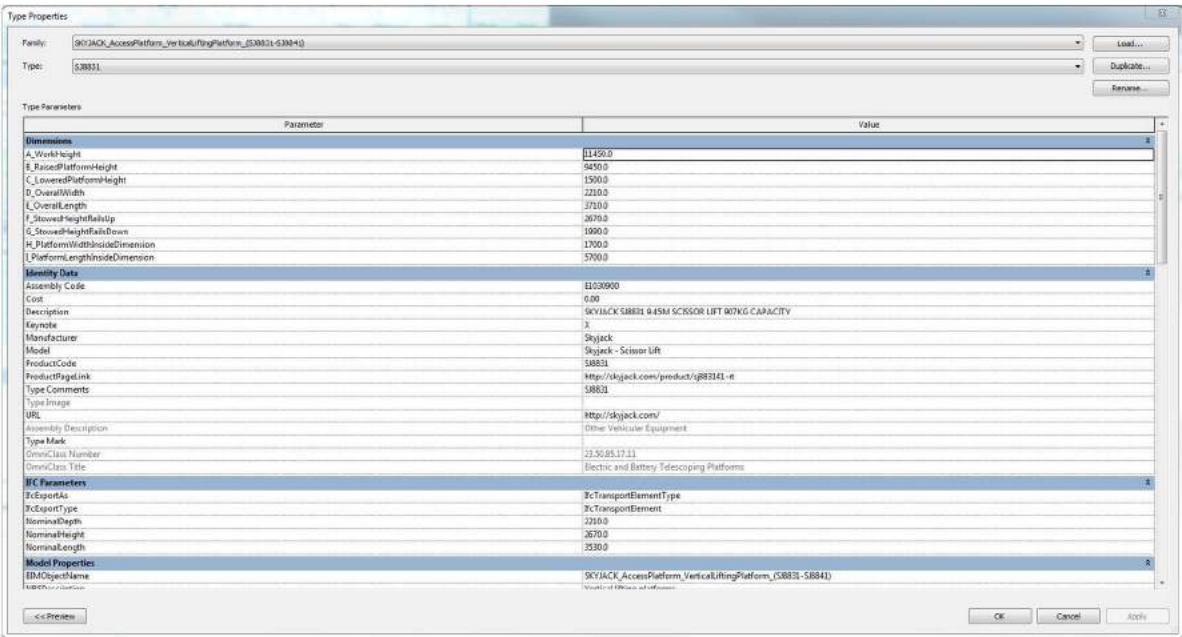Please follow the below method to load the component into your project;

1. Open the Revit file containing your 'project' and navigate to an appropriate view. (Plan view is advised).

2. Go to the 'Insert' tab on the Revit Ribbon and select 'Load Family'.

3. Navigate to the location of the saved SKYJACK component that you have previously downloaded from **bim**store.

4. Click OK to load the component into your project. The family is now copied and embedded into your project and can be selected from the components button located on the Architecture tab on the main Revit Ribbon.

Accessing the components specific product information

To access the data embedded into the component, simply select the desired component and click 'Edit Type' button at the head of the 'Properties' dialogue box (typically located on the left hand side of the screen). All of the product specific information regarding the SKYJACK component you have selected is now displayed and can be schedules including URL links direct to SKYJACK for documentation and product links.

Using the SKYJACK Scissor Lift component

The SKYJACK components have been created as a generic model so once you have loaded it into your project you will be able to place it anywhere you desire. (Note: to rotate the component 90° click the space bar button on the keyboard).
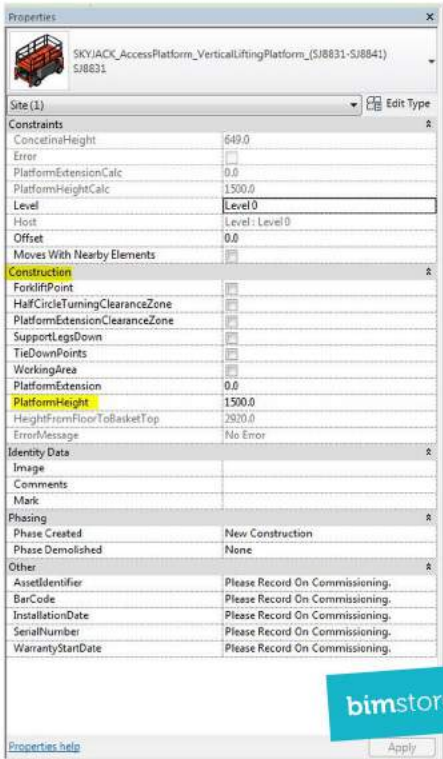
Once the component is in the required location you will have to move to an appropriate elevation. (Plan view is advised). You will then be able to use the align tool to lock the component to the specific location.

Using the SKYJACK Components additional features

The SKYJACK Scissor Lifts and Masts have been created parametrically; this allowing the user to change the platform heaight and the length of the platform and switch on many tick-box options.

Adjusting the platform height

To adjust the height of the platform the user simply types in the desired height they want the platform to reach in the "PlatformHeight" parameter located in the properties box under the heading "Constriction". This will allow the user to raise and lower the height of the platform within the component.

Extending the platform length

To adjust the length of the platform the user simply types in the desired length they want the platform to extend in the "PlatformExtension" parameter located in the properties box under the heading "Construction". This will allow the user to extend and shorten the length of the platform within the component.
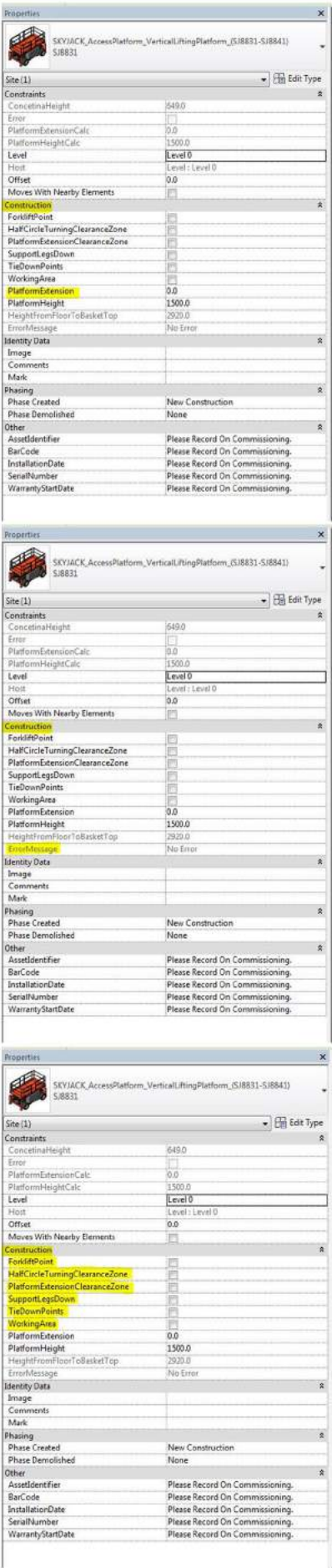
Error Message

Due to the platform having a limited height and limited length an error message has been implemented in the component. If the figure you place in the "PlatformHeight" or "PlatformExtension" parameter exceeds its limits the platform will go to its maximum and an error mark will appear in front of the basket. As well as the error mark appearing there is an error message identifying the issue in the properties box located under the "Construction" heading.

Additional

Many tick box features have been added to the content. These tick boxes switch on and off clearance zones to show the follow;

- Forklift Points
- Tie Down Points
- Working Height
- Turning Zone
- Extension Basket Clearance Zone
- Support Legs

These are located under the 'Consruction' tab shown to the right.

You can add the SKYJACK components to your company template file, they will then be available without loading when starting a new project.

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SKYJACK

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