



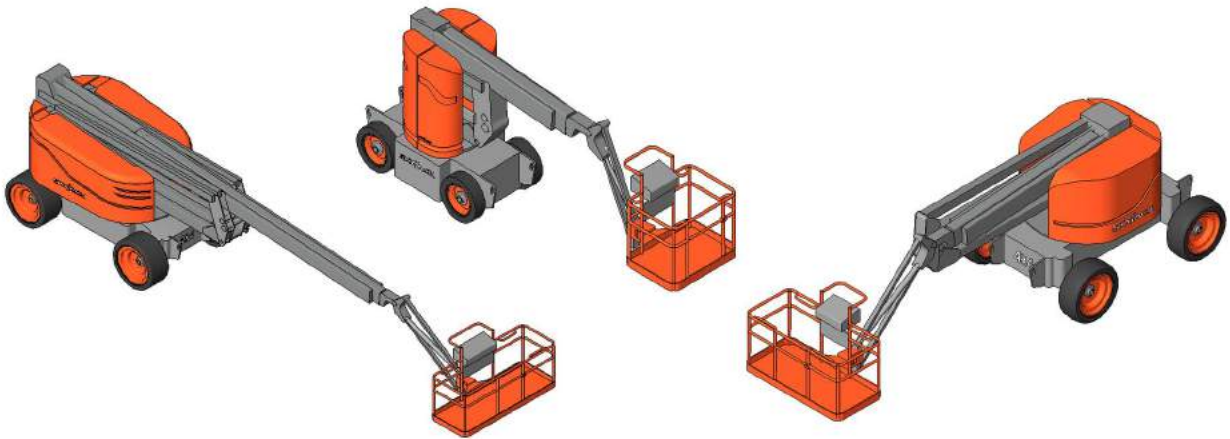
# SKYJACK - Vertical Lifting Platforms Articulating Booms User Guide

**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;

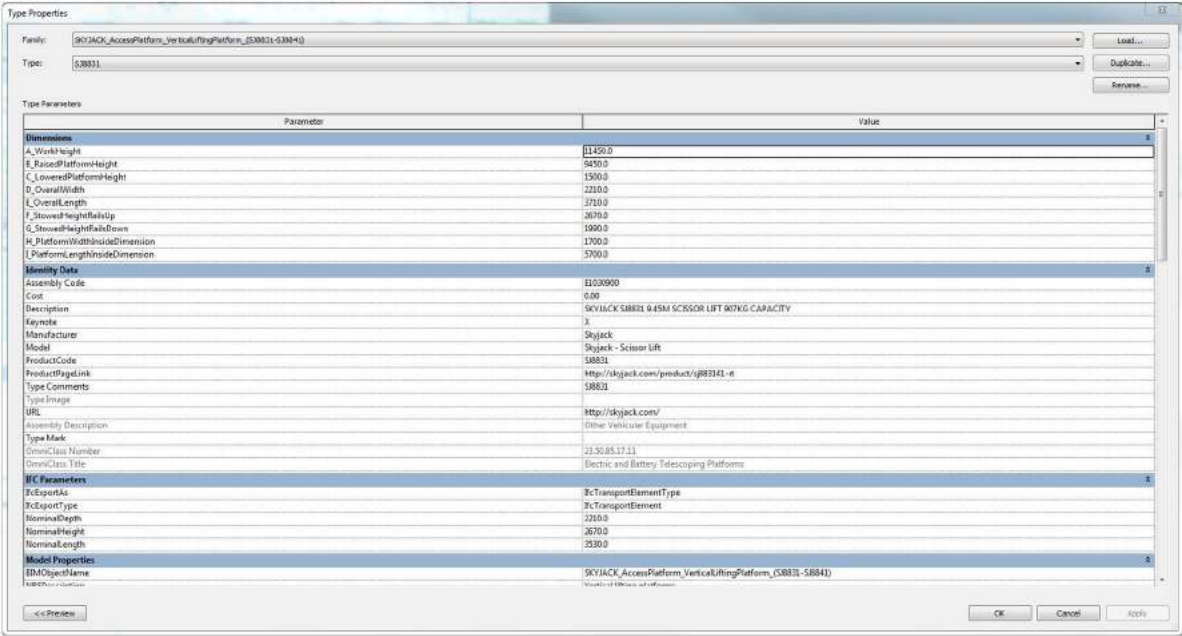
- 1. Open the Revit file containing your ‘project’ and navigate to an appropriate view. (Plan view is advised).
- 2. Go to the ‘Insert’ tab on the Revit Ribbon and select ‘Load Family’.



- 3. Navigate to the location of the saved SKYJACK component that you have previously downloaded from **bimstore**.
- 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 Articulating Boom 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).

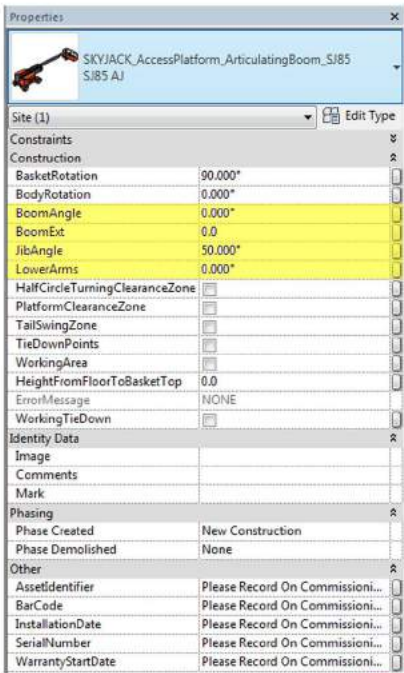
Once the component is in the required location you will have to move to an appropriate elevation. (Plan view is advised). You will then be able to use the align tool to lock the component to the specific location.

Using the SKYJACK Components additional features

The SKYJACK Articulating Booms have been created parametrically; this allows the user to change the platform height / rotation of the platform / length of the boom 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 Angle for the Lower Arms / Boom Angle / Boom Length and Jib Angle. Adjusting these parameters will allow the user to raise and lower the height of the platform within the component.





Rotating the Platform and Body

To rotate the platform, simply select the component and navigate to the 'Construction' section of the Properties Browser. Adjust the value of the 'BasketRotation' parameter between 0 - 180 degrees (90 degrees as default).

Adjust the value of the 'BodyRotation' parameter between 0 - 360 degrees (0 degrees as default).

Error Message

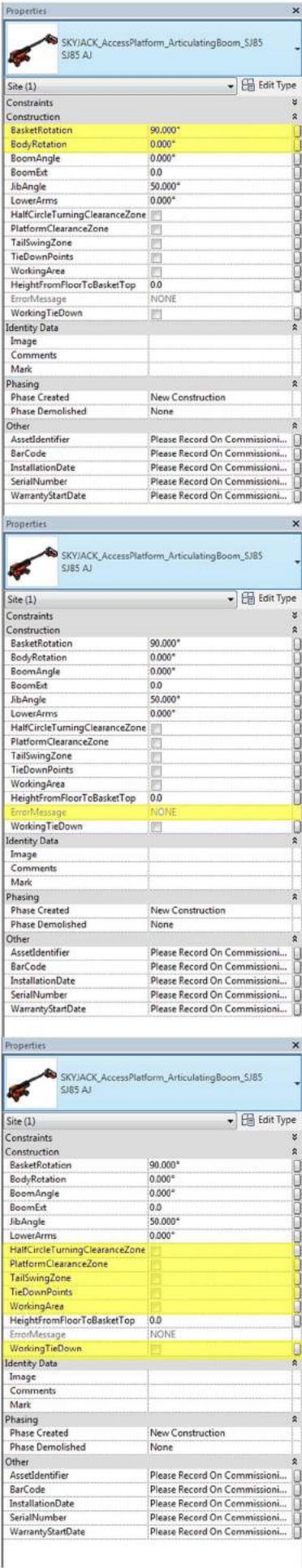
These platforms have the ability to be adjusted to any height/position inline with the manufacturer dimentons. However there are maximum sizes built in which stop the user extending the component past the largest sizes. If a parameter is adjusted further than is available, the component will adjust to the maximum size and an error mark will appear. There is also 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;

- Working Tie Down Ponts
- Tie Down Points
- Working Height
- Turning Zone
- Platform Clearance Zone
- Tail Swing Zone

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.

Revisions

Version 1.0 - First Issue



## Skyjack UK

Unit 1, Maes-y-Clawdd  
Maesbury Road Industrial Estate  
Oswestry, Shropshire, SY10 8NN  
Tel: +44 1691 676235  
Fax: +44 1691 676239  
Email: [info@skyjackeurope.co.uk](mailto:info@skyjackeurope.co.uk)

## Skyjack SAS (France)

ZI Le Clairin  
69700 Saint Romain en Gier  
France  
Tel: +33 (0) 4 78 73 53 32  
Tel: +33 (0) 4 78 73 05 68  
Fax: +33 (0) 4 78 56 52 42

## Skyjack Hebebühnen GmbH (Germany)

Därmanbusch 2a  
D-58456 Witten  
Tel: +49 (0) 2302 20 26 909  
Fax: +49 (0) 2302 20 25 671

## Skyjack AB (Sweden)

Agnesbergsvägen 28  
424 38 Agnesberg  
Sweden  
Tel: +46 (0) 31 21 22 45  
Fax: +46 (0) 31 787 65 10

**bimstore.co.uk**

North East  
Spaceworks  
Benton Park Road  
Newcastle Upon Tyne  
NE7 7LX

T: +44 (0)191 223 6600  
F: +44 (0)191 223 6610