



SJ66 T
TELESCOPIC
BOOM

SKYJACK
Articulating Booms
User Guide

SKYJACK – Telescopic Boom – 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;

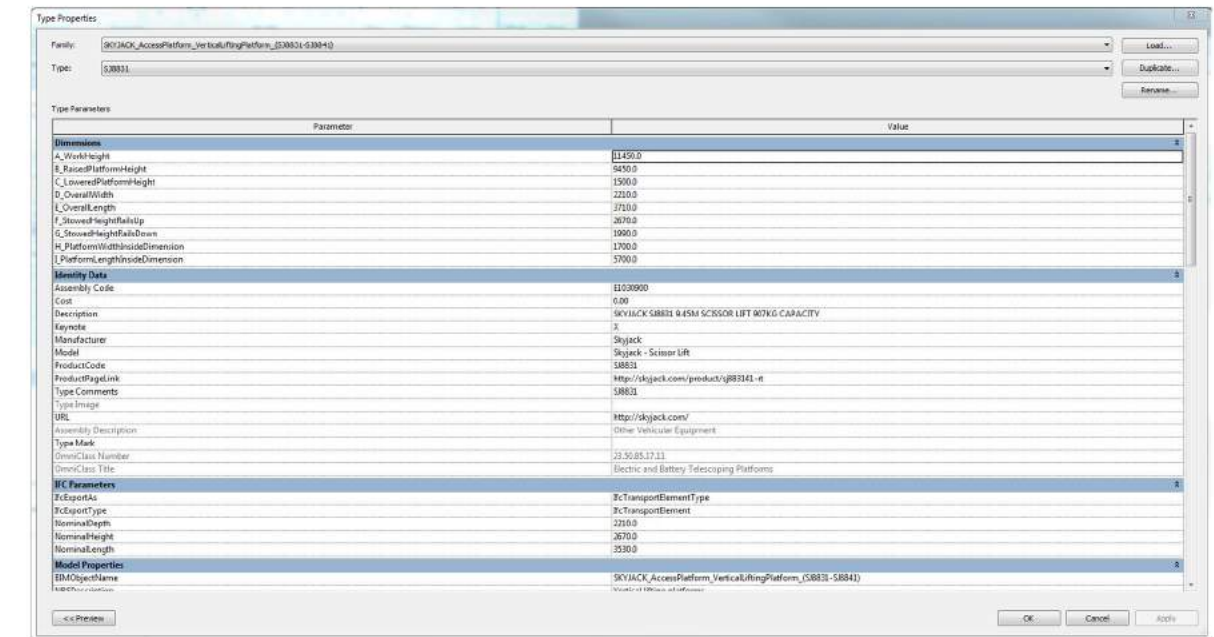
1. Open the Revit file containing your 'project' and navigate to an appropriate view. (Plan view is advised).
2. Go to the 'Insert' tab on the Revit Ribbon and select 'Load Family'.



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 scheduled 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

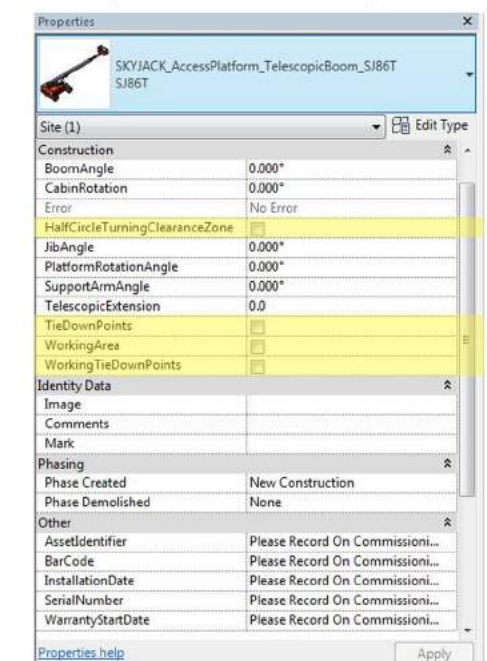
The SKYJACK Articulating Booms have been created parametrically; this allows the user to change the length of the telescopic boom, change all available angles and switch on many tick-box options.

Tick box options

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

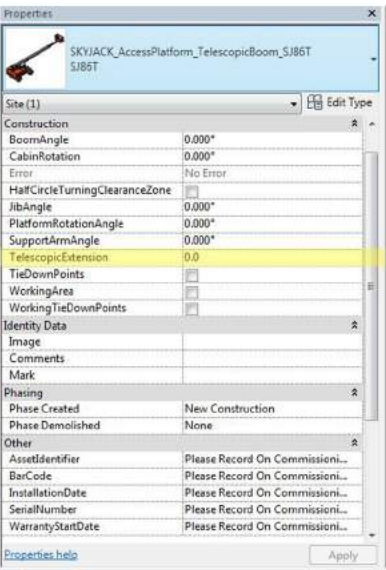
- Working Tie Down Ponto
- Tie Down Points
- Working Area
- Turning Zone

These are located under the 'Construction' tab highlighted to the right.



Telescopic Extension

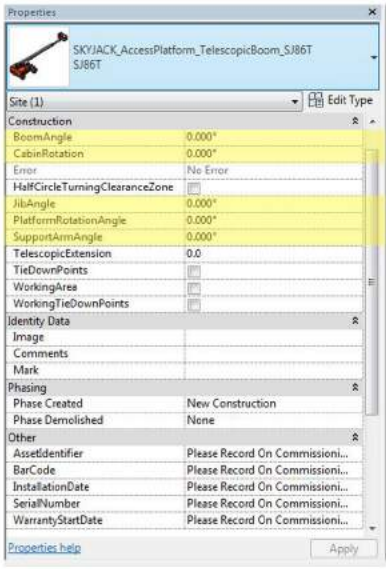
To adjust the length of the telescopic arm the user simply types in the desired length into the TelescopicExtension parameter. Adjusting thi parameters will allow the user to extend the length of the arm within the component.



Adjusting the angles

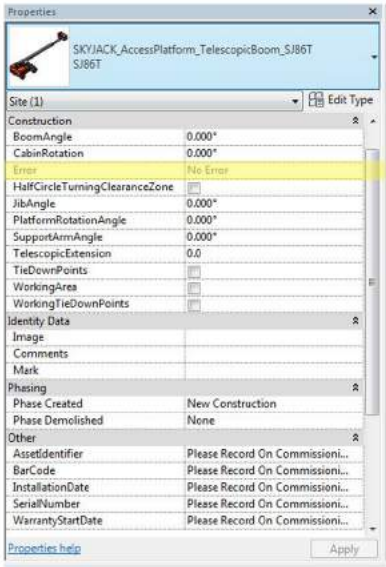
To adjust the height of the basket the user can adjust the desired Angle for the Boom, Jib and SupportArm. Adjusting these parameters will allow the user to raise and lower the height of the basket within the component.

The cabin can be rotated and so can the basket using the CabinRotation and PlatformRotation parameters.



Error Message

These telescopic booms 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 maximums. If a parameter is adjusted further than is availible, 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.



Other Notes

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



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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

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)

Därmannsbusch 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