



JLG[®] BIM Content Library

User Guide – Vertical Lifts

JLG - BIM CONTENT LIBRARY USER REFERENCE GUIDE



Vertical lifts



Figure 1: JLG Vertical Lift Family - 10MSP and 15MVL

LOADING THE MODELS

How to Load the Vertical Lift Family

It is recommended the steps outlined below are followed to properly load the BIM component into a project.

1. Open a Revit Project File (.RVT) and navigate to the Plan View.
2. Go to the 'Insert' tab on the Revit ribbon and select 'Load Family'

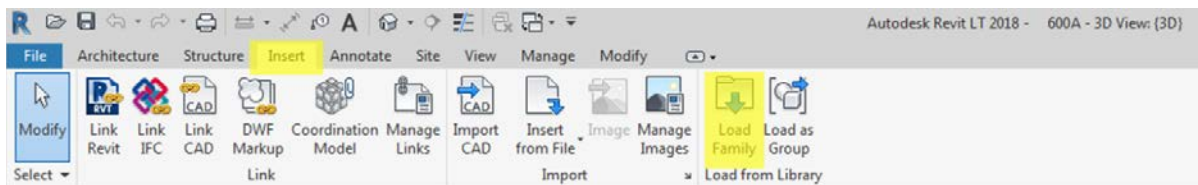


Figure 2: Loading the Family into a Project

3. Navigate to the location of the downloaded JLG[®] Vertical Lift family component (RFA file)
4. Click 'OK' to load the component into the project

The family is now copied and embedded into the project. It can be selected from the components button located on the 'Architecture' tab on the main Revit Ribbon.



ACCESSING PRODUCT INFORMATION

How to Access the Data for the Vertical Lift Family

To access the data embedded into the component, simply select the desired component and click the 'Edit Type' button at the head of the 'Properties' bar. This is typically located on the left-hand side of the screen.

All the product-specific information for the component selected is now displayed. From here, the component can be selected, as well as links to JLG.com to access documentation and product specifications.

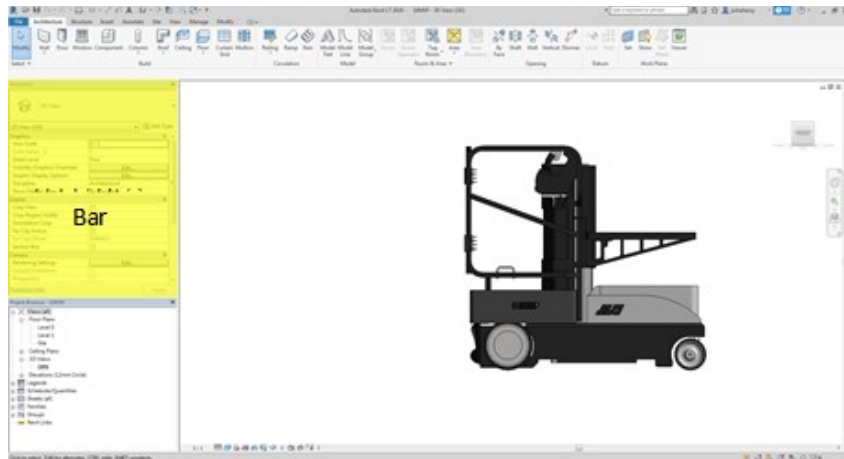


Figure 3: Accessing Additional Data

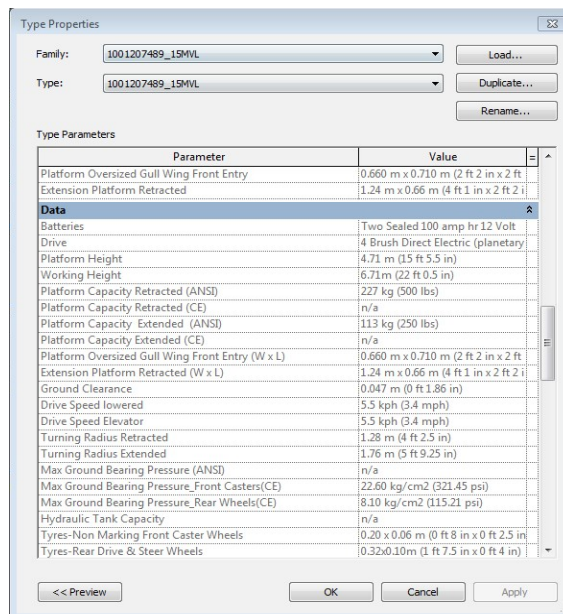


Figure 4: Additional Data for Model



USING THE MODELS

How to Use the Vertical Lifts Component

All JLG® components have been created as mechanical models, once loaded the model can be placed anywhere within the project. When the component is in the desired location, the user should navigate to an appropriate elevation (plan view is advised). The align tool can then be used to lock the component to a specific location.

NOTE: While placing the component, it can be rotated by 90° by using the space key.

USING ADDITIONAL MODEL FEATURES

JLG® Vertical Lift components have been created parametrically. This allows the platform height and platform extension to be changed. Tick-box options are also available for visibility control, platform working area and turning radius.

Visibility Control

The visibility of the platform working area and turning radius can be toggled on or off. To access a component's visibility control, select the desired component and go to the 'Properties' bar. Then, simply uncheck the tick-box to control visibility.

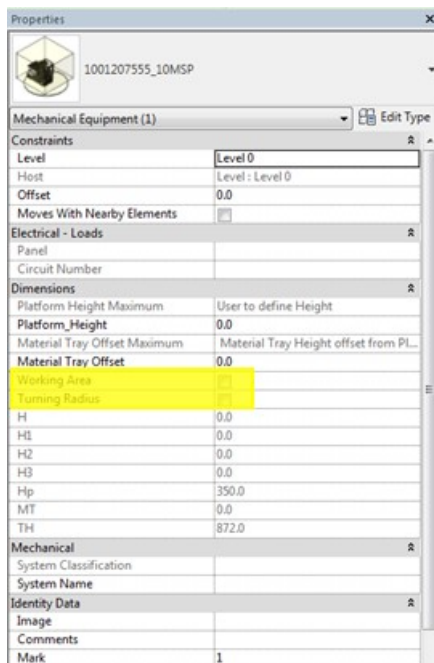


Figure 5: Visibility Control for the 10MSP

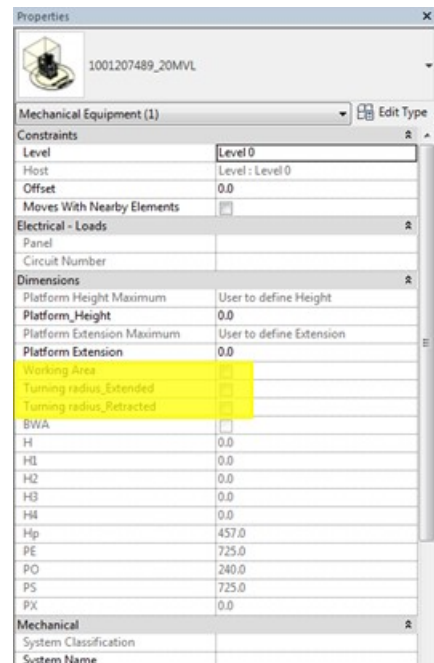


Figure 6: Visibility Control for the MVL Machines



Platform Height & Platform Extension/Material Tray Offset

The Platform Height and Platform Extension/Material Tray Offset can be modified by typing in the corresponding fields located in the 'Properties' bar.

The Maximum Platform Height and Platform Extension/Material Tray Offset will be displayed in the value fields above the editable fields. These figures cannot be altered and are for the user's information only, they will only appear once the user has typed their desired height/extension into the editable value fields.

Note: Users can input any value into the controllable fields. However, if the capability of the JLG machine is exceeded the model will automatically update the value to reflect the maximum capacity of the machine.

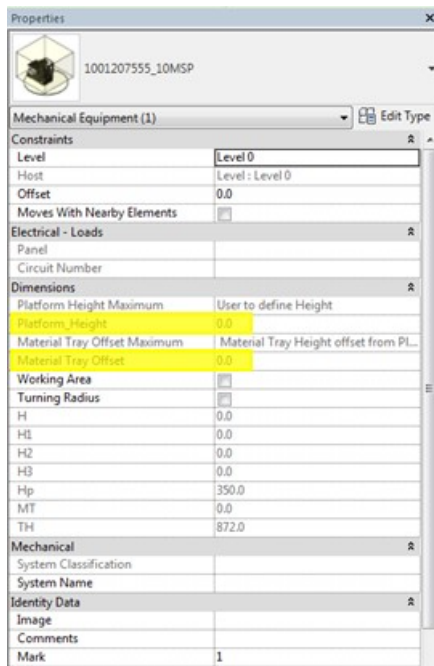


Figure 7: Location of Platform Height and Tray Offset for 10MSP

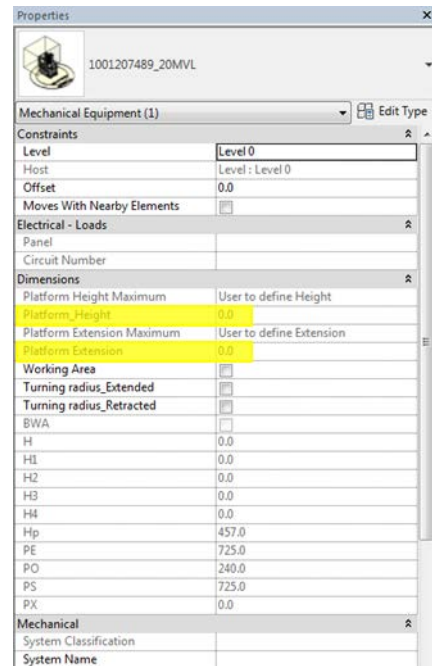


Figure 8: Location of Platform Height and Extension for MVL Machines