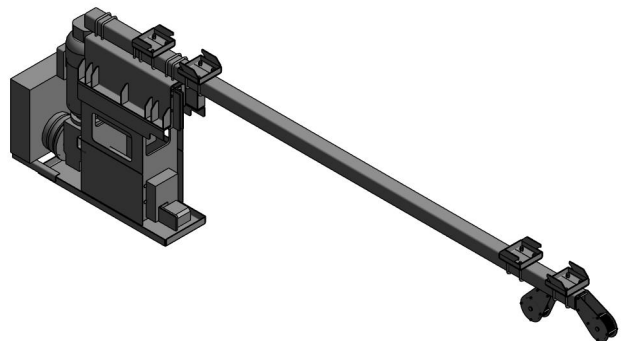


## WNG\_SUMMITTHEATRON\_HOIST

The Summit Theatron Hoist is a package hoist intended for use in theatrical rigging.

### FAMILY INFORMATION

Manufacturer	Wenger / JR Clancy
Revit Category	Specialty Equipment
LOD	350
Host	Unhosted / Workplane
Masterformat	11 61 00
Uniformat	E1070.10
Omniclass	23.40.50.14.14
PB Version	23.1.1.0
PB ID Number	RFA-007-01020201-0002



### PRODUCT INFORMATION

Manufacturer	Wenger / JR Clancy
Series	Summit Theatron
Product Models	018-S0322-2 018-S0322-4 018-S2115-4
Assembly Code	N/A

### FAMILY TYPES (Type Catalog)

Custom Hoist Position - High Speed (480V)	Custom Hoist Position - Utility (208V)	Custom Hoist Position - Utility (480V)
Offstage Hoist Position - High Speed (480V)	Offstage Hoist Position - Utility (208V)	Offstage Hoist Position - Utility (480V)
Middle Hoist Position - High Speed (480V)	Middle Hoist Position - Utility (208V)	Middle Hoist Position - Utility (480V)
Onstage Hoist Position - High Speed (480V)	Onstage Hoist Position - Utility (208V)	Onstage Hoist Position - Utility (480V)

## PARAMETER INFORMATION

### Parameter Flexing

The family may be flexed through type parameters and instance parameters. Please note that parameter names in uppercase are schedulable Shared Parameters. Parameters included in the following groups are intended to be user editable:

- Constraints
- Graphics
- Materials and Finishes

Changing parameters in any other group risks “breaking” the family, and is not supported.

### User Editable Parameter Descriptions

#### Type Parameters

Clearance Material	Adjusts the material used for clearance zones. Default is a lightly tinted, transparent, glass material.
Metal Material	Adjusts the material used for metal components. Default is Metal, Black.

#### Instance Parameters

Distance Between Beams	Adjusts the backbone length and structural support clamp locations of the hoist, within manufacturer limits.
Custom Hoist Body Offset	Provides a direct input to set the position of the hoist along the backbone. When this parameter’s value is zero, the hoist’s position will be automatically determined by type.
Beam Clamp Spread	Adjust the hoist’s beam clamps to fit structural support.
Backbone Onstage Extension	Provides a direct input to set the length of the backbone, within manufacturer limits, extending away from the center of the onstage beam clamp. If this parameter’s value is zero, the length will default to minimum required to support the beam clamp at it’s maximum spread. In some hoist configurations, particularly those in which the hoist is positioned more onstage, the backbone will automatically extend to maintain the proper fleet angles required for operation.
LINESET CAPACITY	Allows for lineset capacity information to be added to the family and then scheduled.
Loftblock Visibility	Toggles the visibility of the integrated loftblock.
Diverter Block Visibility	Toggles the visibility of the diverter block.
Hoist Clearance Visibility	Toggles the visibility of the hoist’s clearance zone, including the required 6” panel access on the back of the hoist.

## Informational Parameter Descriptions

As indicated on Page 2, while there are other parameters that are open to adjustment, **Performance BIM only supports user-editing parameters in the Constraints, Graphics, Materials and Finishes groups. Any changes to other groups is done at the user's risk, and will not be supported by Performance BIM.**

The following parameters are not intended to be user-editable and are included for informational purposes only.

### Type Parameters

Voltage	Displays the hoist's voltage requirement.
Current Draw	Displays the amount of electrical current the hoist is expected to pull.
Power Factor	Displays the ratio of power used to power supplied.
Phase	Displays the number of line conductors.
Apparent Load	Displays the combined real and reactive power consumption of the hoist.
Hoist Gross Capacity	Displays the total amount of weight the hoist can carry.
HOIST WEIGHT	Displays how much the hoist weighs.
LINESET SPEED	Displays the maximum speed at which the hoist operates, measured in feet per minute.

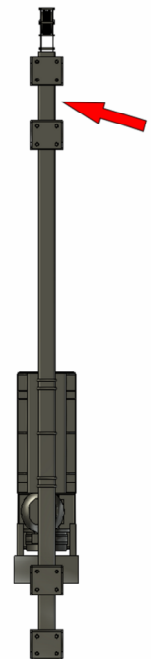
## USE INSTRUCTIONS

### Insertion & Placement

The family may be inserted either through Insert -> Load Family, dragging into a project window, or via a content management system (as applicable). While the family may be hosted to a face, hosting to a level or custom workplane is recommended. The plan view insertion point of the family is located at the center width of the hoist backbone, centered between the onstage beam clamps, at the elevation of the structural support connection.

There are twelve types available in this family, offering 4 default hoist positions. Three of those positions (Offstage Hoist Position, Middle Hoist Position, and Onstage Hoist Position) offer a pre-set hoist positioning which allows the hoist to be placed on consecutive linesets with 8" centers. The fourth type (Custom Hoist Position) sets the hoist in the offstage position, but is designed to allow for custom hoist placement.

\*\*\*Please keep in mind that this family is designed to operate within strict manufacturer specifications. Under certain beam spacing conditions in conjunction with the use of the integrated blocks, some hoist positions may not be possible due to fleet angle restrictions. In these situations, the hoist will be placed as close to the desired position as possible, while still meeting manufacturer specifications.



### Detail Levels

#### Detail Levels

When Revit's detail level is set to Fine or Medium, all components in the family can be seen at LOD 350. When the detail level is set to Coarse, each component can be seen a one-extrusion generic shape that captures the geometric footprint of the component, but without a high level of detail.