LSH-S
LIFT SYSTEM HEAVY SWIVEL

INTEGRATION CONSIDERATIONS

General Mitigations:
- Implement a hold to run/dead man switch operation.
- Control methods should be located within direct line of site of the mechanism.
- Implement password or key switch protected operation.

High Risk - Crushing
Crush hazard between the top panel and the cabinet top as the lift closes.

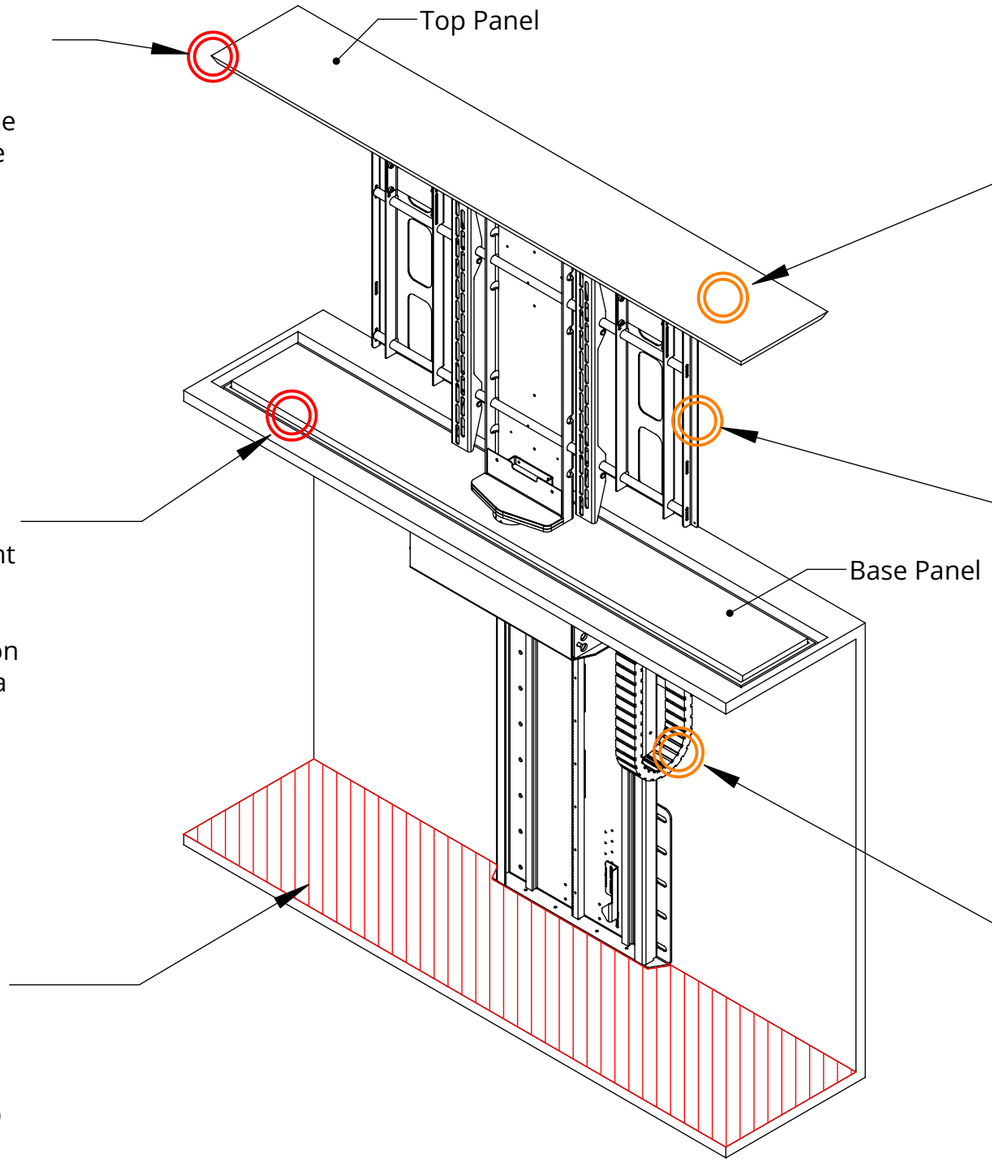
Mitigation
Install a pressure switch below the top panel to detect any obstructions. A pressure switch can be installed between two timber panels to allow the vertical movement required for switching.

High Risk - Crushing
Crush hazard at the cabinet aperture when mechanism is opening.

Mitigation
The implementation of a box enclosure with tight shadow gaps can help alleviate this risk. The cabinet top should be floating/ not permanently fixed to allow vertical movement if an obstruction is caught between it and the base panel. Install a pressure switch below the cabinet top to detect any obstructions.

High Risk - Crushing
Crush hazard below the mechanism when mechanism is closing.

Mitigation
Ensure area below the mechanism is kept clear at all times when the mechanism is being used. If installing or maintaining the mechanism do so with the mechanism turned off.



Low Risk - Falling Objects
Falling object hazard if objects are left on top of the top panel.

Mitigation
See general mitigations.

Low Risk - Impact
Impact hazard around mechanism when swivelling.

Mitigation
Set swivel limits to prevent impact with surrounding objects/ structures. Ensure sufficient space is left between the screen and any obstructions.

Low Risk - Crushing
Cables could be snagged if not properly managed through and around the mechanism, causing damage to the mechanism and electronics.

Mitigation
Ensure sufficient cable slack is allowed around movement joints to prevent stretching and/ or damage to the cables and/ or mechanism.

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