

# I-LSM-BE

## INVERTED LIFT SYSTEM WITH BOX ENCLOSURE

### INTEGRATION CONSIDERATIONS



#### Low Risk - Cable Snagging Hazard

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



#### Mitigation

Ensure all cables are run in suitable conduit/trunking to prevent snagging with moving mechanism parts.



#### Low Risk - Crush Hazard

Crush hazard between the box enclosure and the base panel as the mechanism opens.



#### Mitigation

Keep the gaps between the cabinet aperture and the moving panels to a minimum (no smaller than 3mm [1/8"]) to reduce the risk of obstruction.



#### Low Risk - Crush Hazard

Crush hazard between the cabinet and the box enclosure as the mechanism closes.



#### Mitigation

Keep the gaps between the cabinet aperture and the moving panels to a minimum (no smaller than 3mm [1/8"]) to reduce the risk of obstruction.



#### High Risk - Impact Hazard

Impact hazard from the mechanism as it opens.

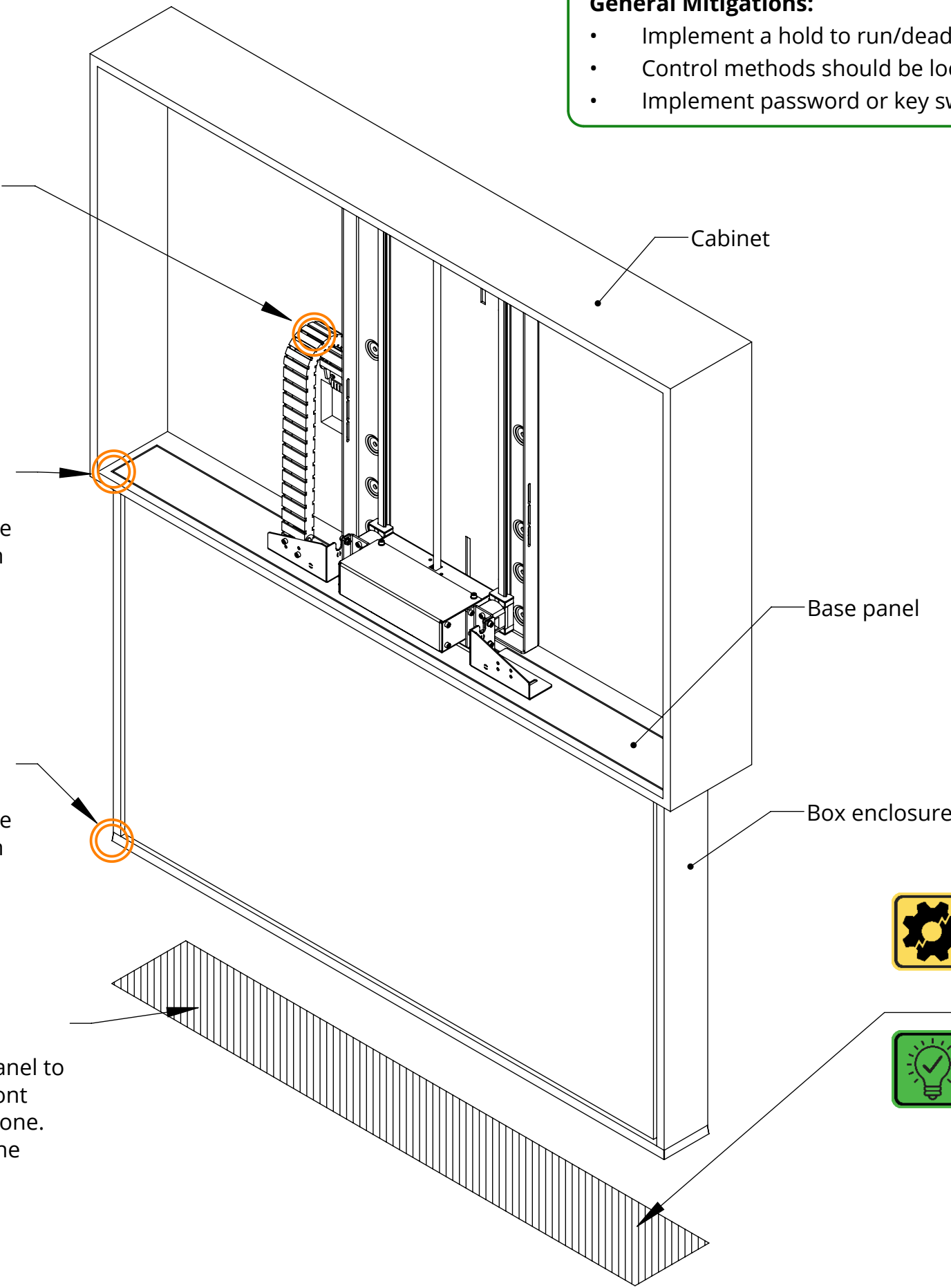


#### Mitigation

Ensure there is sufficient space beneath the base panel to reduce the risk of impact. Install a light curtain in front and behind the mechanism to create an exclusion zone. Install a pressure pad on any solid surfaces below the mechanism if sufficient space cannot be allocated.

#### 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 - Mechanism Damage Hazard

Items left below the mechanism can be crushed and/or cause damage to the mechanism as it opens.



#### Mitigation

Ensure the area below the mechanism is kept clear at all times when operating. See also general mitigations.