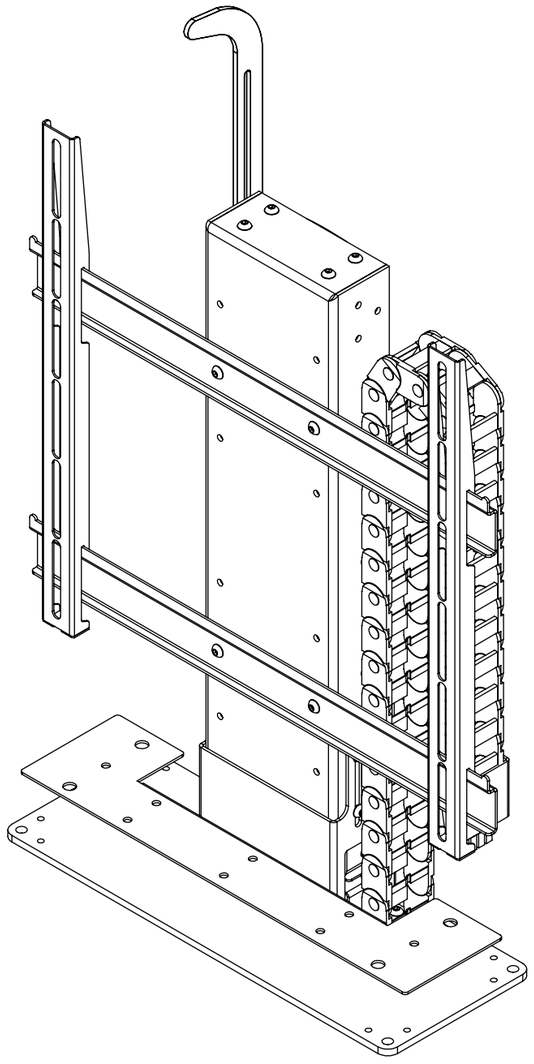
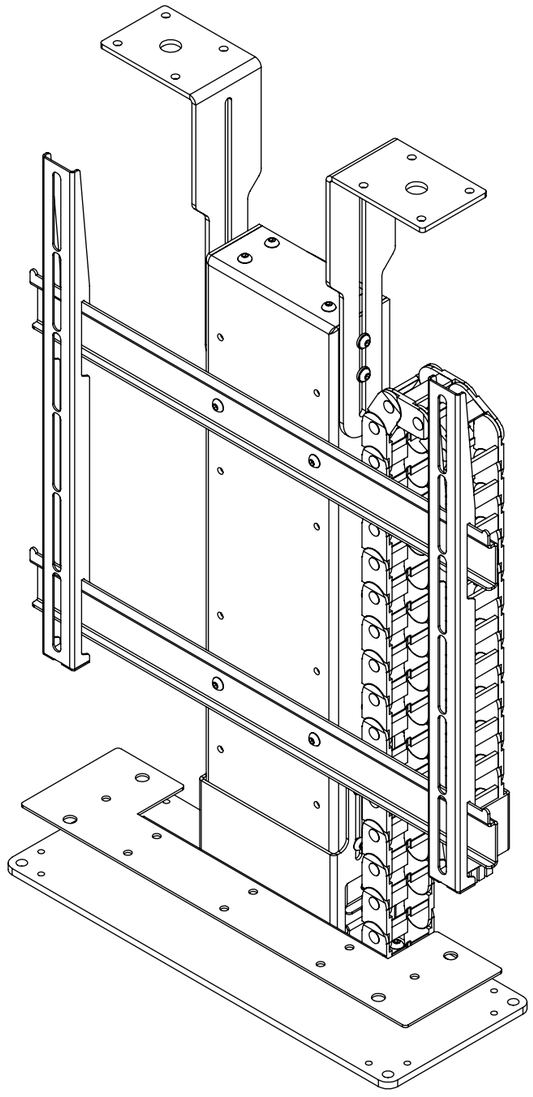
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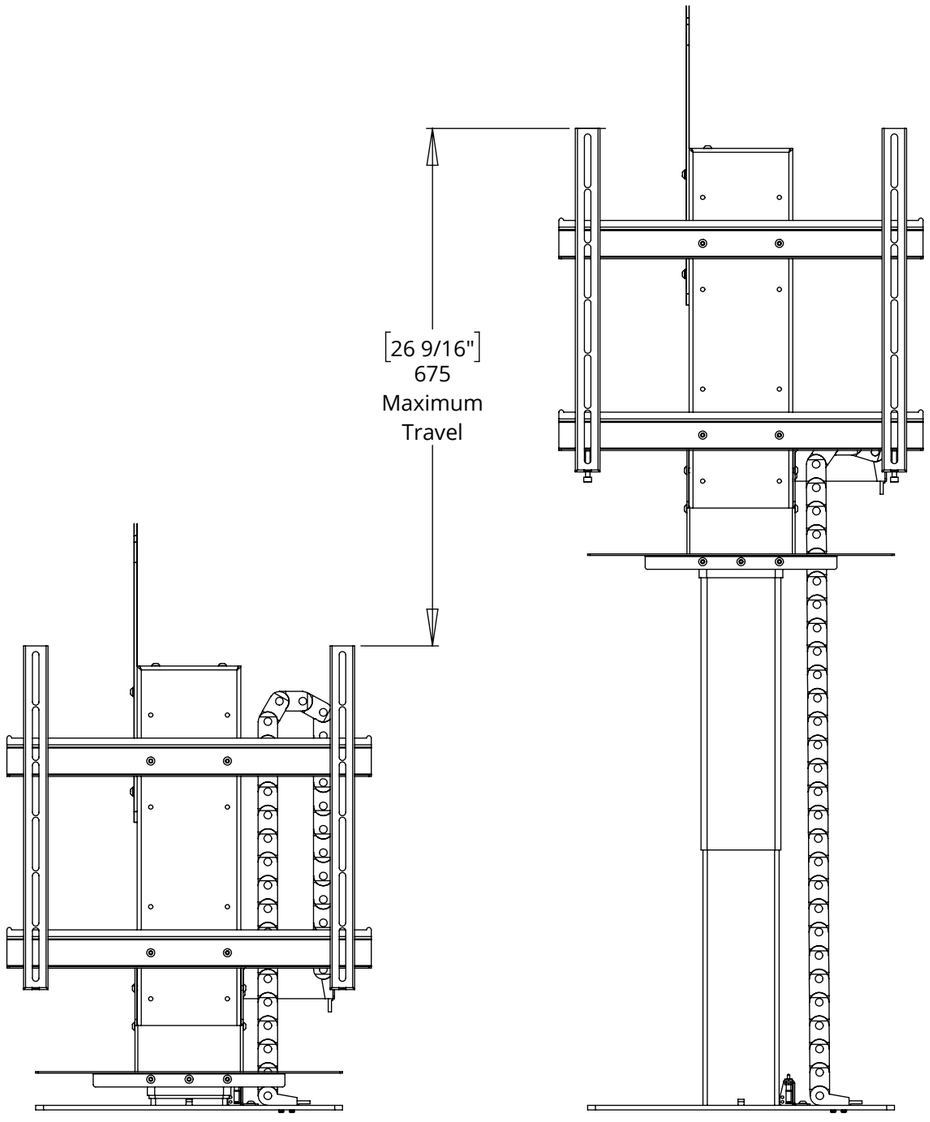
future automation

SPECIFICATION	MEASUREMENTS
Product Dimensions	475mm (18.7") x 765mm (30.1") x 150mm (5.9")
Screen Sizes (approx)	32" - 48"
Maximum Screen Height	645mm (25.39")
Maximum Weight Capacity	40Kg (88.2lb)
Maximum Elevation from Down Position	675mm (26.6")
Lid Types Available	Push Flap or Fixed Lid
Product Weight	15Kg (33lb)
Movement Type	Motorised
Packaging Dimensions	730 x 590 x 260mm (28.74 x 23.22 x 10.23")
Shipping Weight	23Kg (51lb)
Power Supply Required	110V - 240V AC
Power Consumption Max.	100W
Power Consumption Standby	3W
Mounting Patterns Supported	VESA 400, 300, 200, 100 W x 400, 300, 200, 100 H
Control Options	IR Remote, Contact Closure
Product Options / Features	Specific B&O and Loewe mounts / adapters, Custom RAL paint finishes
Package Contents	Mechanism, IR remote control, Hardware for both lid types
Marine Suitable	No

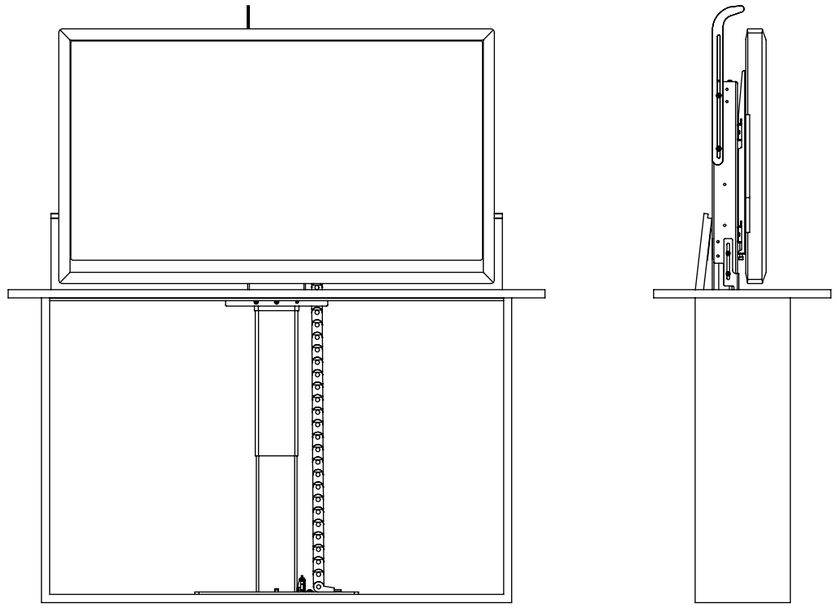
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FLAP OPTIONS

Two flap options available for AL675 with hardware for both supplied as standard.

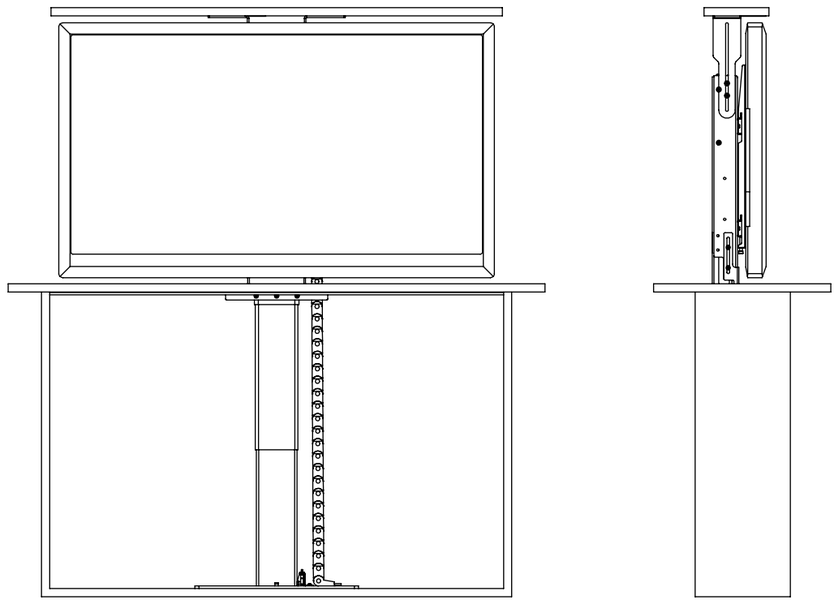


Hinging Push Flap:



As the mechanism begins operation, the Arm pushes the hinged flap backwards to allow the mechanism to move up out of the cabinet.

Fixed Flap:



The flap is fixed above the mechanism so both the flap and mechanism move simultaneously in operation.

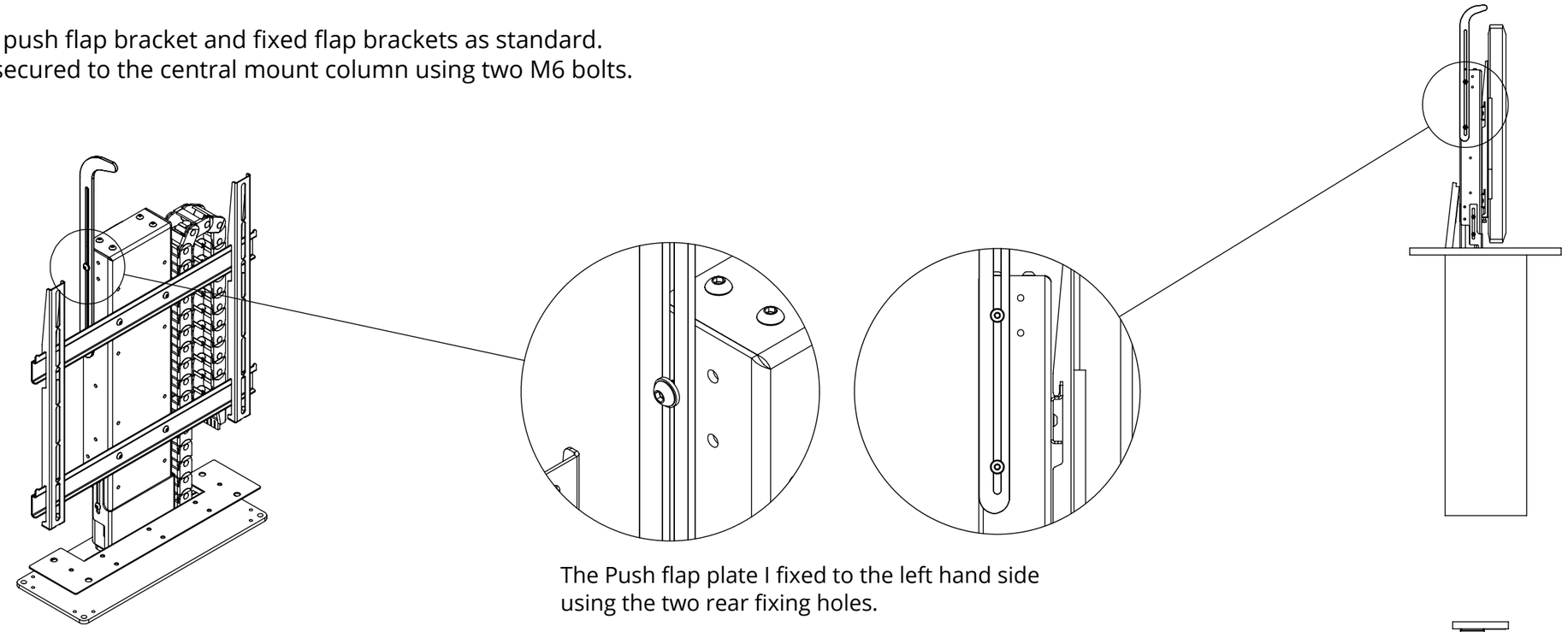
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FLAP OPTIONS

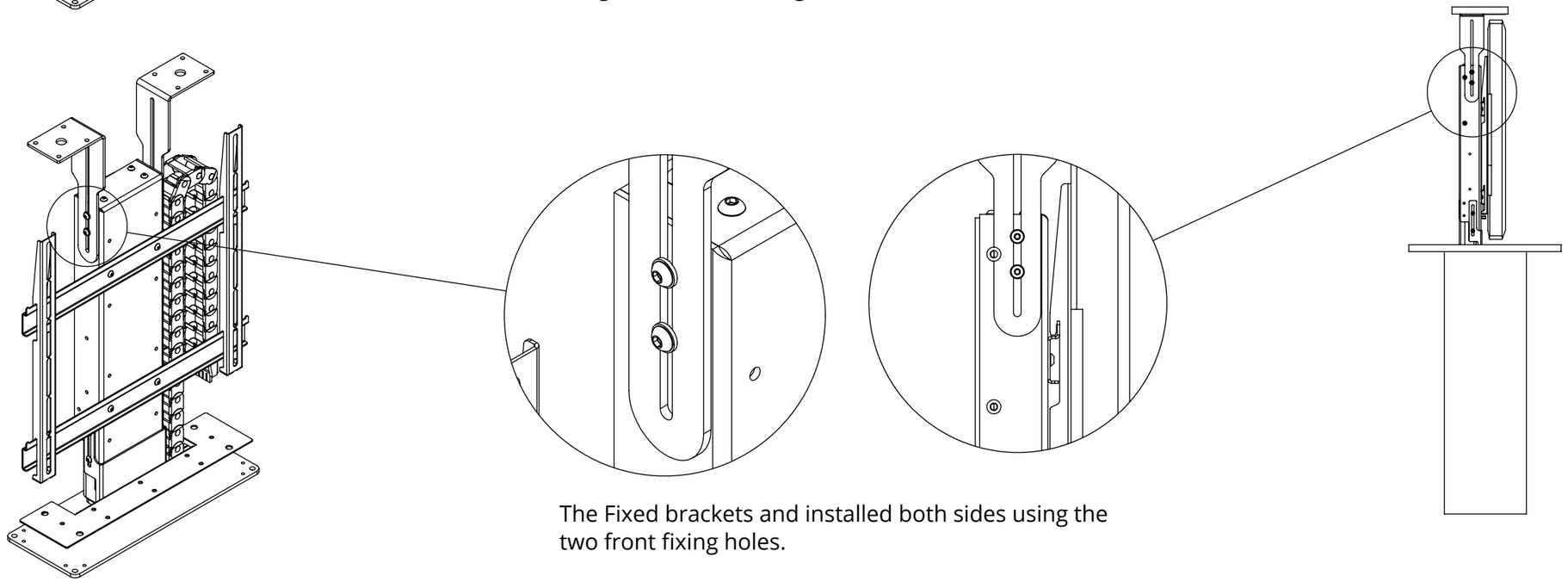
The AL675 is supplied with a push flap bracket and fixed flap brackets as standard.
Either style brackets can be secured to the central mount column using two M6 bolts.

Hinging Push Flap:



The Push flap plate I fixed to the left hand side using the two rear fixing holes.

Fixed Flap:



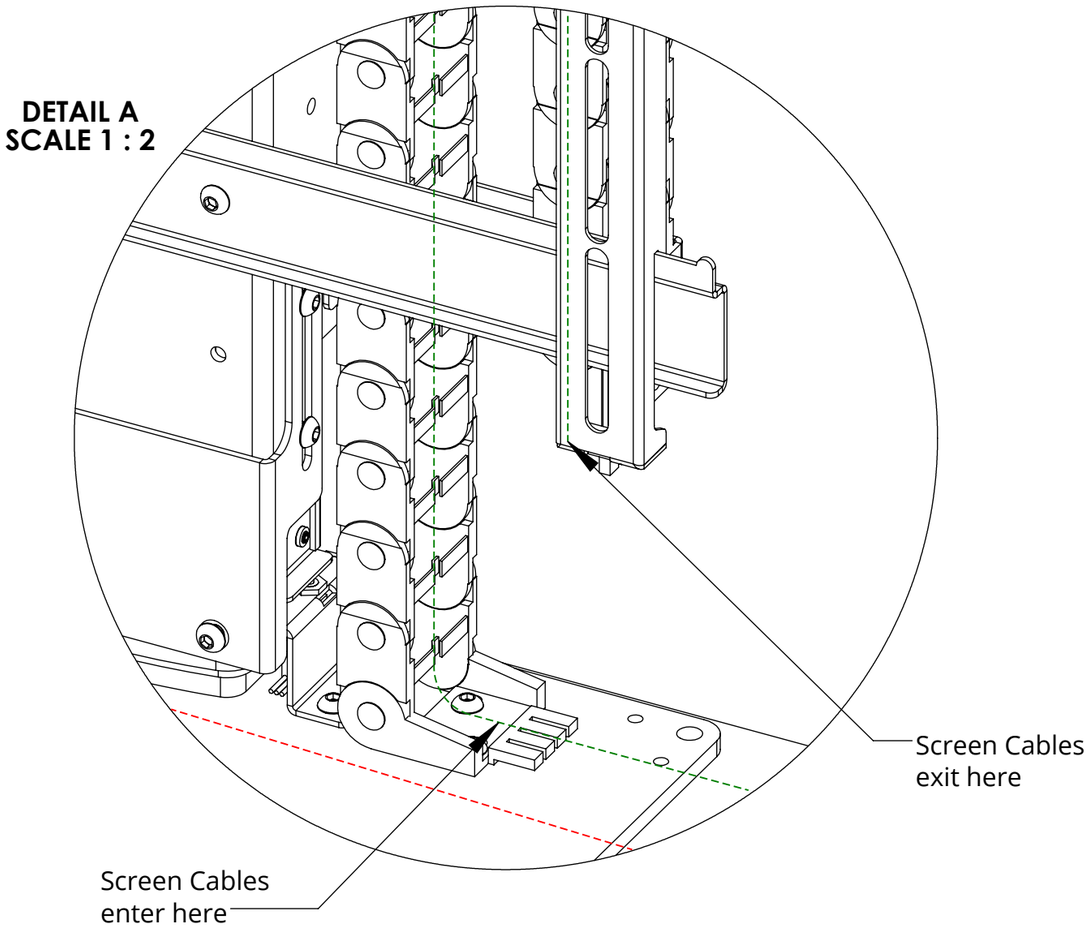
The Fixed brackets and installed both sides using the two front fixing holes.

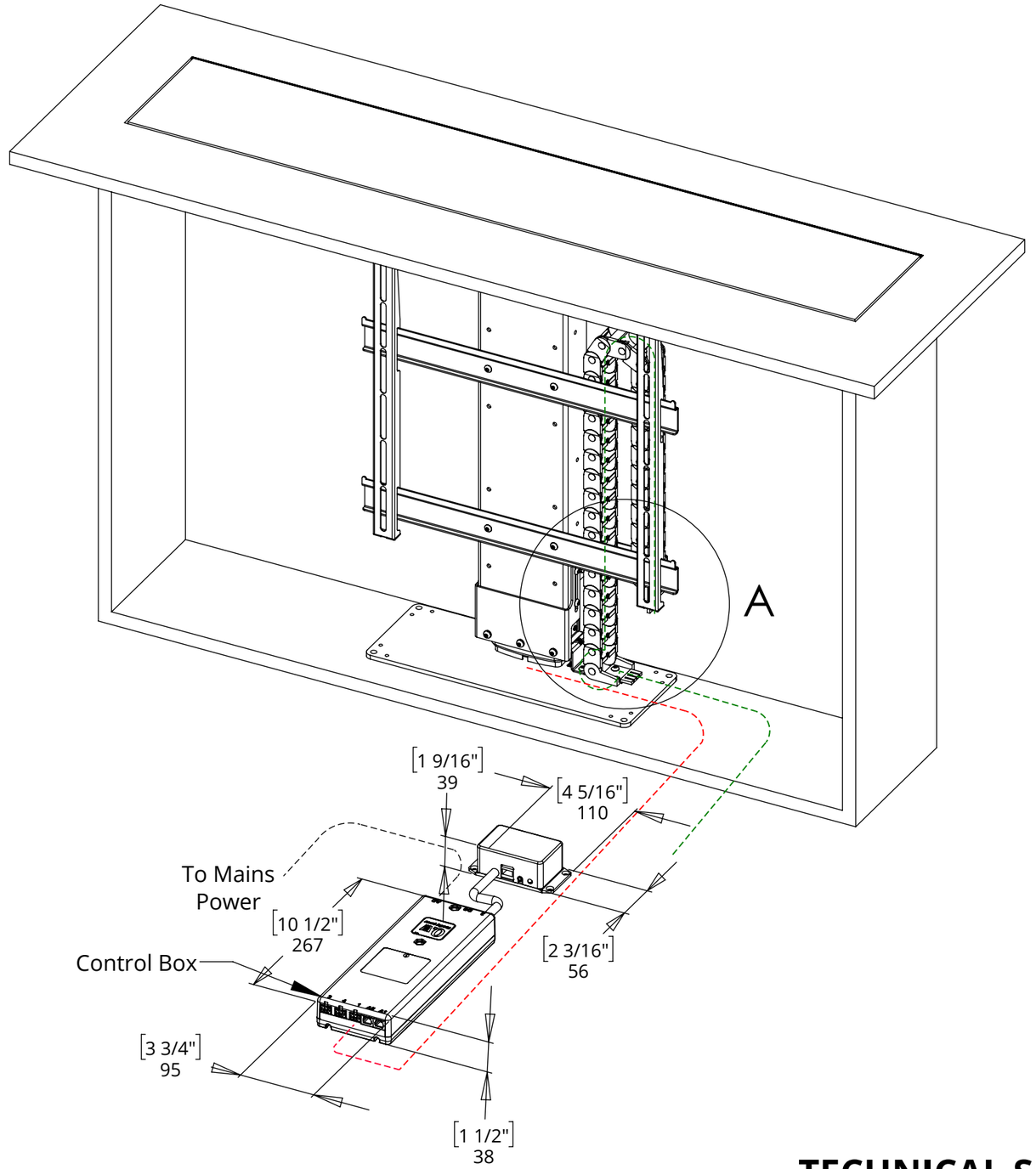
AL675
ACTUATOR LIFT

CABLE MANAGEMENT

The AL675's mounting allows for cables from the screen to be fed through the integrated cable management. This allows the cables to be stowed tidily within the mechanism.

The Mechanism Cable should be routed to the provided control box through a hole in the cabinet. This should be in an easily accessible location.





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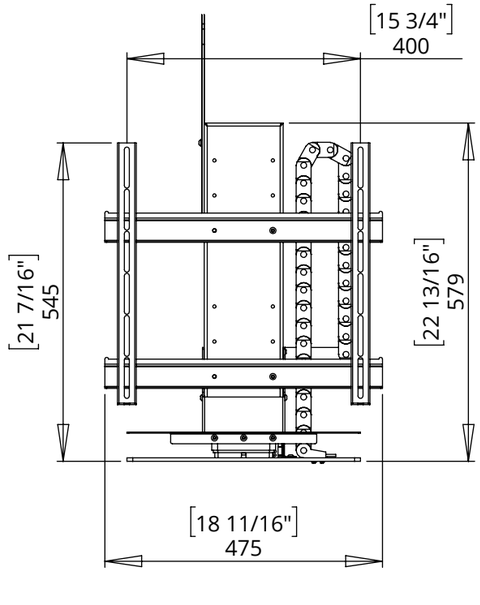
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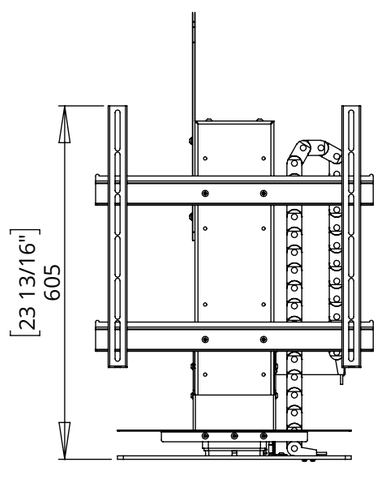
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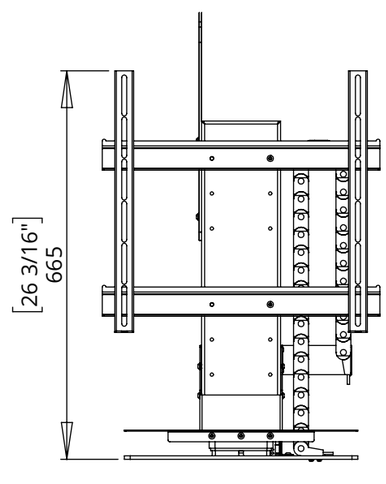
LIFT DIMENSIONS

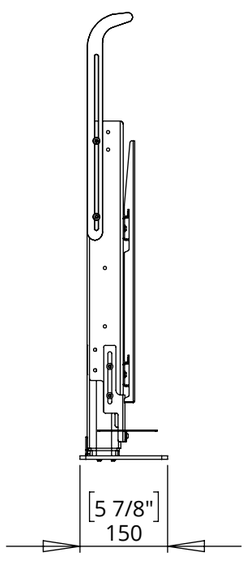
Three mount heights available:

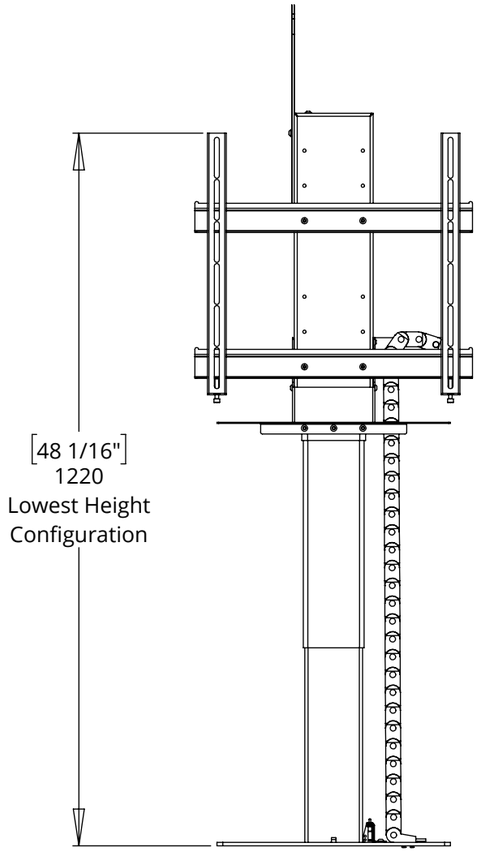
The AL675 allows for screens of size 32-48" with a maximum mounting width of 400mm.

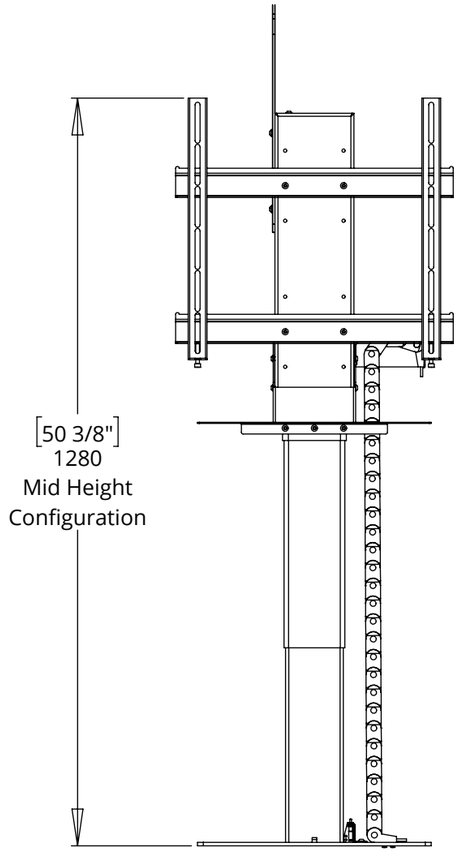


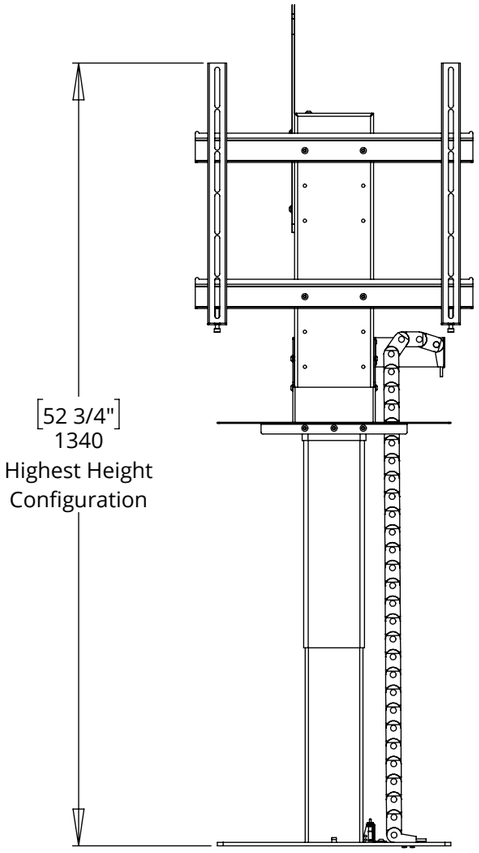












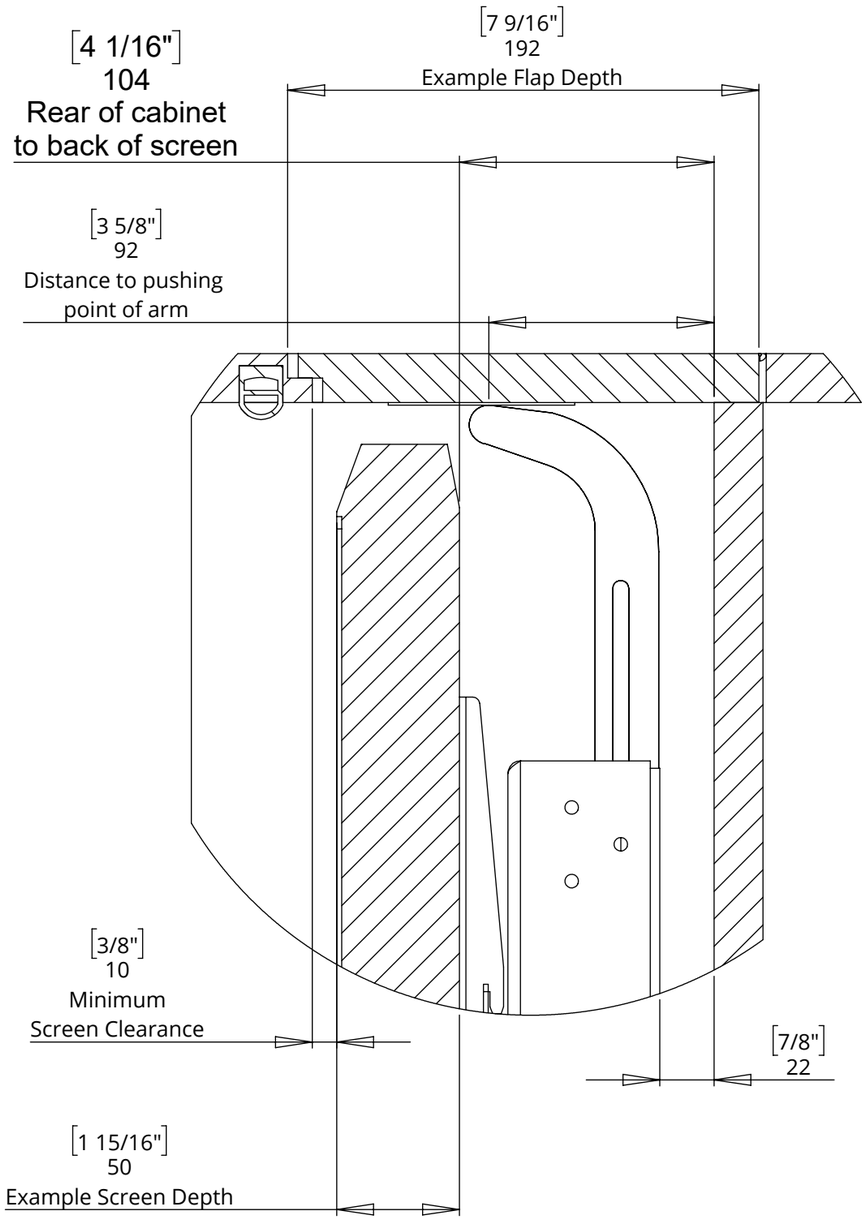
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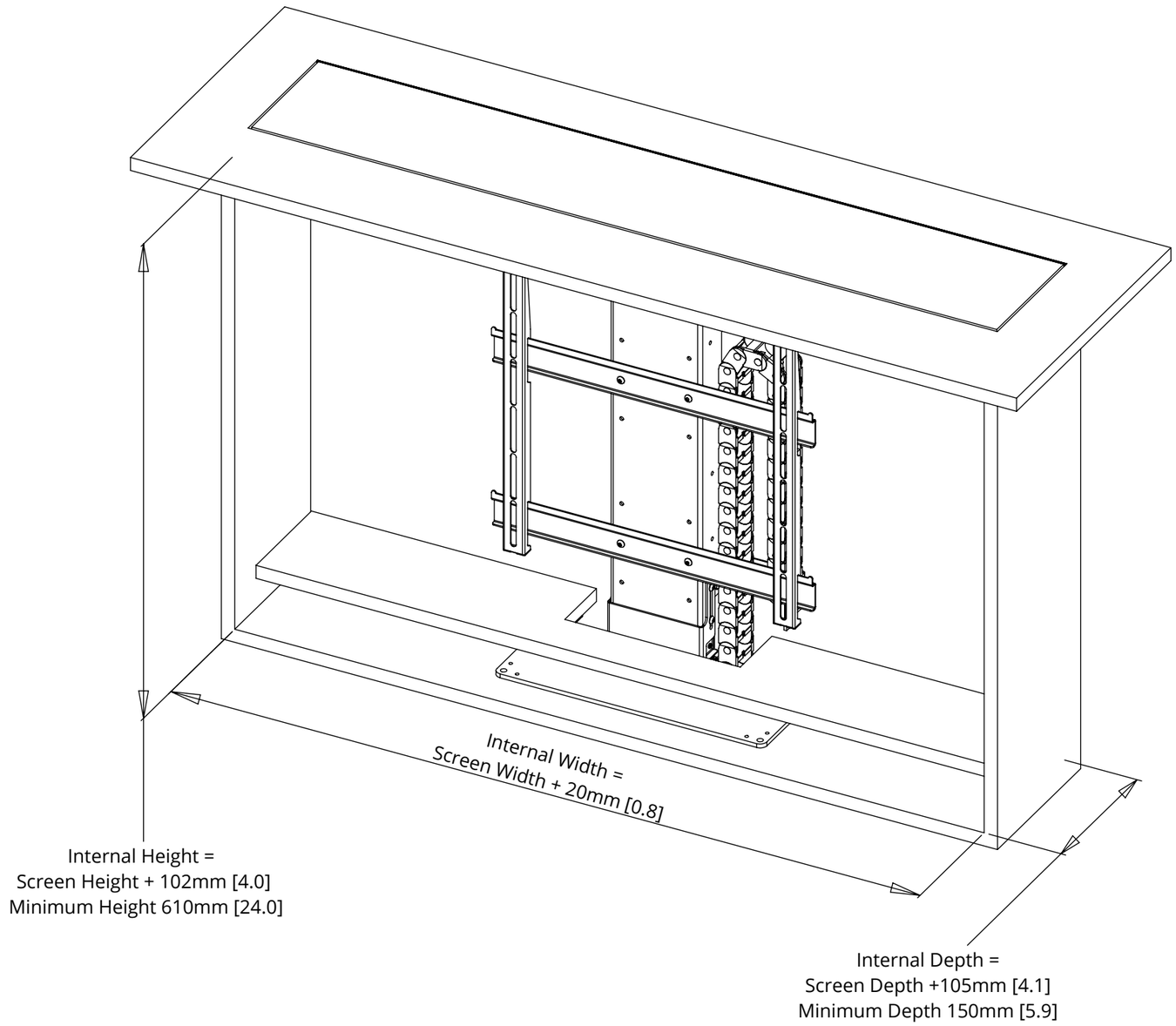
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CABINET DIMENSION DETAILS

Example shown for 50mm/2" deep screen.



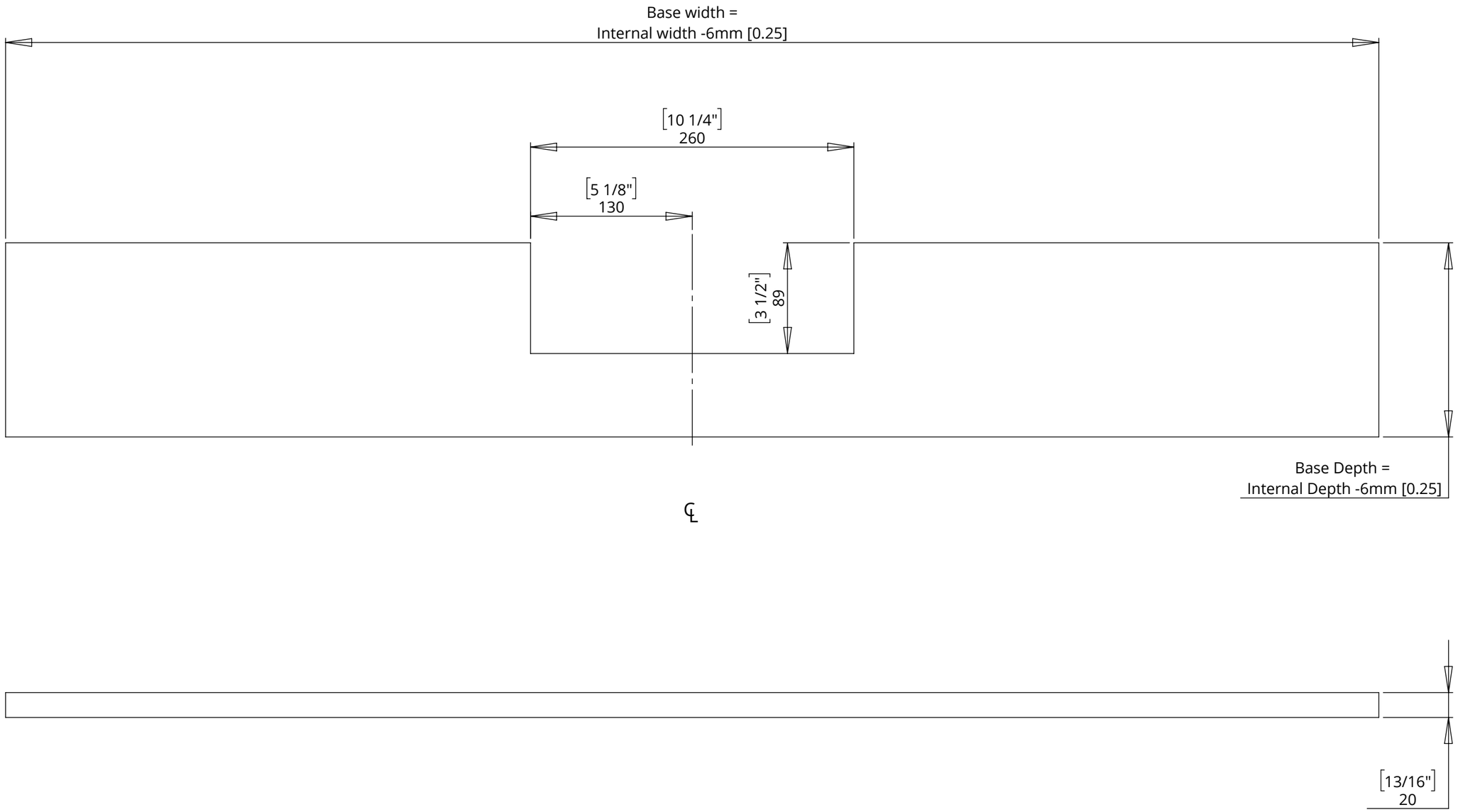


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BASE DIMENSIONS



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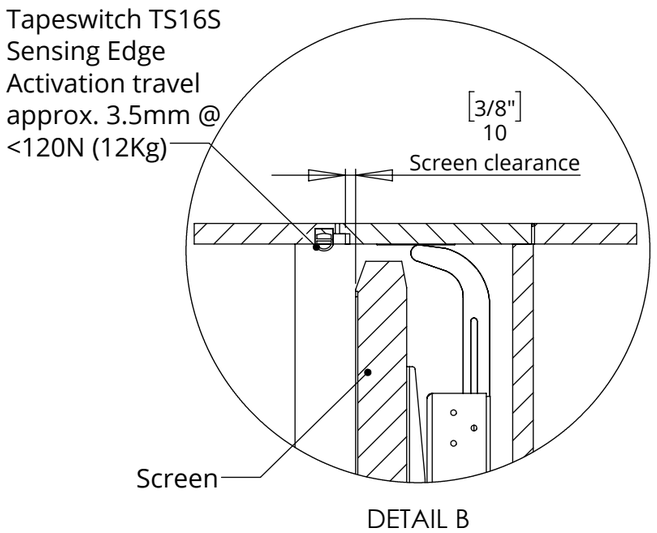
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INTEGRATION CONSIDERATIONS

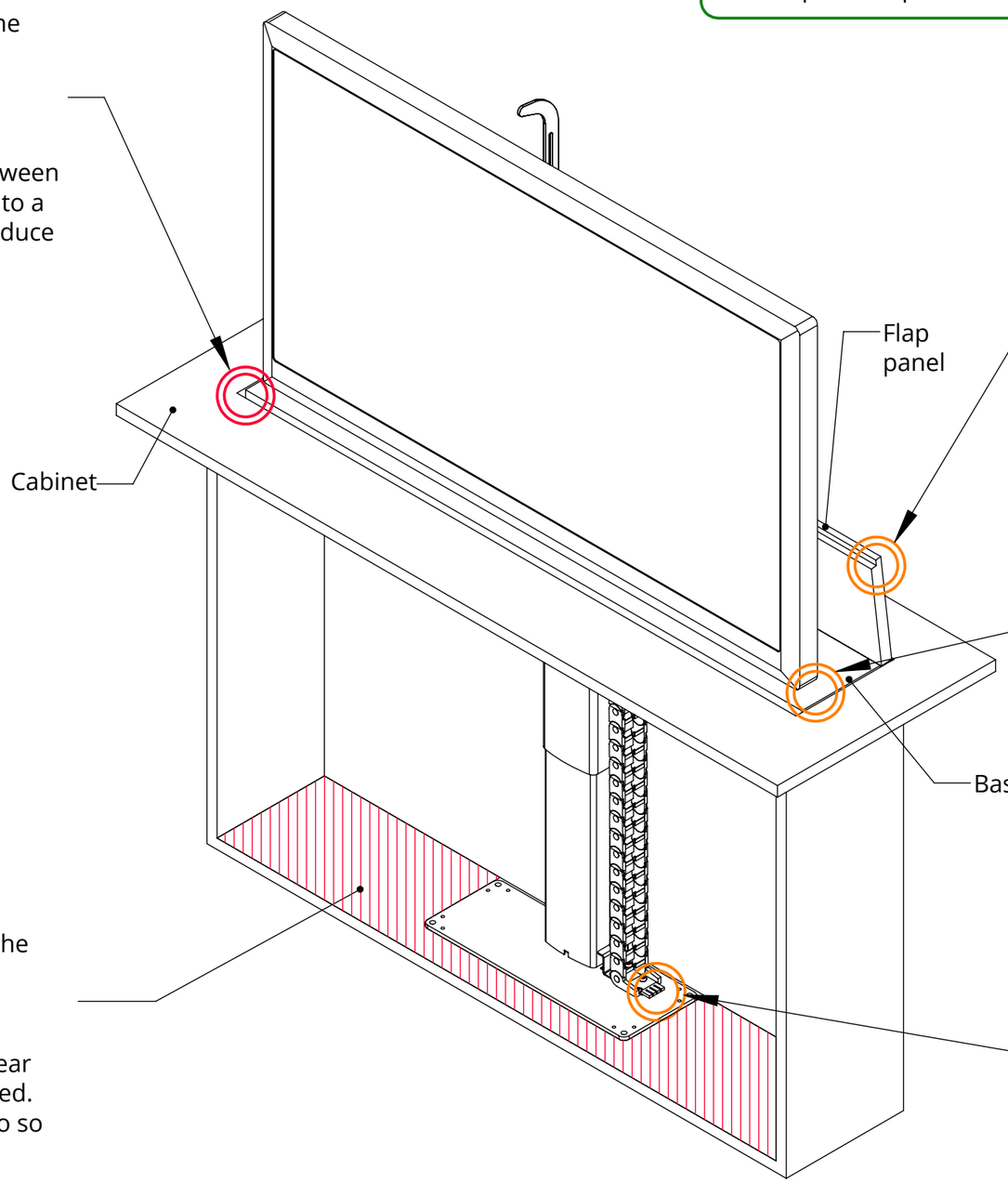
General Mitigations:
- Implement a hold to run/dead man switch operation.
- Control methods should be located within direct line of site of the mechanism.
- Implement password or key switch protected operation.

High Risk - Crush Hazard
Crush hazard between the base panel and the cabinet top as the lift opens.

Mitigation
A pressure switch can be added to stop the mechanism before injury. 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 (see detail B).



DETAIL B



Low Risk - Falling Objects Hazard
Falling objects hazard if items are left on top of the flap panel during deployment.

Mitigation
See general mitigations.

Low Risk - Impact Hazard
Impact hazard if the flap panel closes in an uncontrolled manner.

Mitigation
Install a soft close damper to ensure the flap panel closes in a controlled manner.

High Risk - Crush Hazard
Crush hazard between the mechanism and the base panel as the lift closes.

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 - 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 fully restrained within suitable cable trunking.

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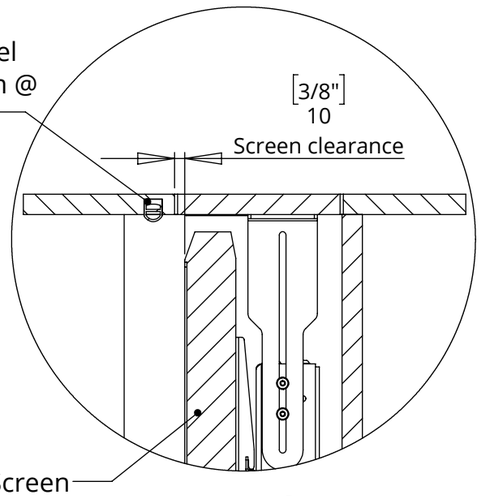
AL675
ACTUATOR LIFT

INTEGRATION CONSIDERATIONS

High Risk - Crush Hazard
Crush hazard between the base panel and the cabinet top as the lift opens.

Mitigation
A pressure switch can be added to detect obstructions. The cabinet top can also be floating/not permanently fixed to allow vertical movement if an obstruction is caught between it and the base panel. Keep all shadow gaps to a minimum (no smaller than 3mm [1/8”]) to reduce the risk of obstruction (see detail C).

Tapeswitch TS16S
Sensing Edge
Activation travel
approx. 3.5mm @
<120N (12Kg)

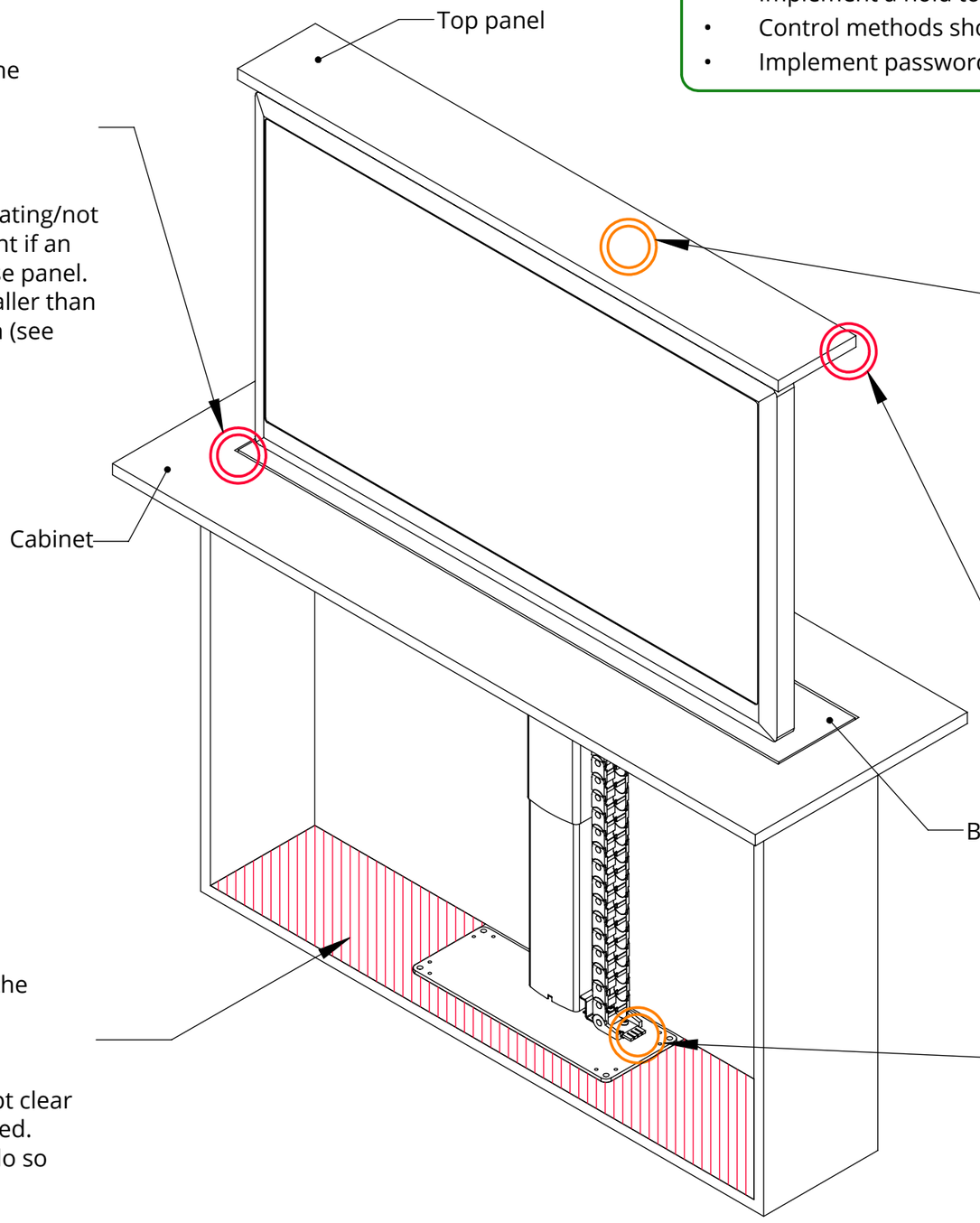


DETAIL C

High Risk - Crush Hazard
Crush hazard between the mechanism and the cabinet as the mechanism closes.

Mitigation
Ensure the 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.

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.



Low Risk - Falling Objects Hazard
Falling objects hazard if items are left on top of the mechanism during deployment.

Mitigation
See general mitigations.

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

Mitigation
The top panel should be floating/ not permanently fixed to allow vertical movement if an obstruction is caught between it and the base panel.

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.

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