

Mezzanine Floor/ Goods Lifter

Uplifting solutions from:



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Mezzanine Floor Lifter

Typical overview of the Mezzanine floor lifter:

- The lift will be constructed using a single mast which must be bolted to the building block-work to provide additional support to the load legs.
- The lift platform will measure approximately 1500mm wide by 1250mm deep and will close down over the legs.
- The platform will feature 1100mm high rails on all sides and a single outwards opening gate on the right hand side of the mast. The gate will be spring loaded and will lock with a gravity system but will also be sensed to prevent platform movement if the gate is open.

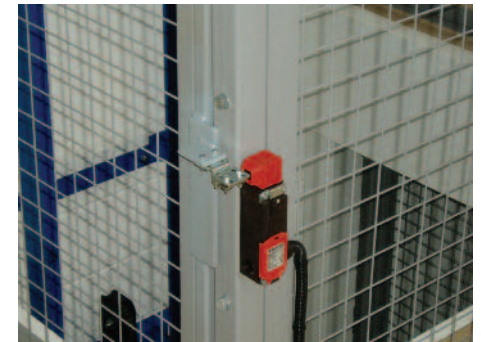
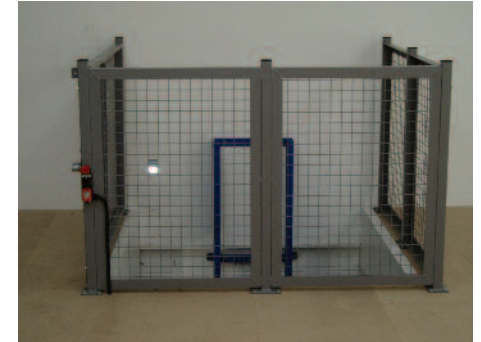


- The clear working platform area will be 1350mm x 1100mm
- The platform will close to the floor with a 60mm lowered height and have a total raised height of 3000mm
- The maximum lift height will be governed by a limit switch system to ensure that the platform parks with the mezzanine upper floor.
- The platform will be supplied with a loading ramp to be permanently fixed to the ground floor measuring 1200mm wide by 700mm long giving a gradient of 8.57%
- The hydraulic power pack and electrical system will be housed in a separate wall mounted box at ground level.
- Control points will be positioned at both ground and upper floor levels. Both points will feature latching call buttons and emergency stop controls.
- Power requirement: 415V 3 phase + Neutral via 10amp isolator (Supplied by customer)
- Motor specification: 0.8Kw 3phase 415V with 3ltr reservoir
- Maximum lift capacity will be 500Kg



MEZZANINE FLOOR LIFTER

Mezzanine Floor Lifter



Manufacture and install External guard system for both upper and lower floors

- The lower level will be totally enclosed from floor to the underside of the Mezzanine
- The upper level will be enclosed on 3 sides + 1 wall side with an 1100mm high guard system
- Both enclosures will feature a single out-ward opening gate and will be fitted with an electrical interlock to prevent opening when the lift is not parked.
- Both enclosures will be in-filled with mesh to prevent access to the lift.

Mezzanine Floor Lifter

Typical overview of the Mezzanine floor lifter:

- The lift will be constructed using a single mast which must be bolted to the Mezzanine floor RSJ through the floor
- The lift platform will measure approximately 1400mm wide by 1200mm deep and will close down over the legs
- The clear working platform area will be 1340mm x 1140mm
- The overall plan size of the lift will be approx 1400mm wide x 1450mm deep
- The platform will feature 1100mm high rails on all sides and a single outwards opening gate on both the right and left hand sides of the mast. The gates will be spring loaded and will lock with a gravity system but will also be sensed to prevent platform movement if the gate is open.
- The platform will close to the floor with a 60mm lowered height and have a total raised height of 3030mm
- The maximum lift height will be governed by a limit switch system to ensure that the platform parks with the mezzanine upper floor.
- The platform will be supplied with a loading ramp to be permanently fixed to the ground floor measuring 1150mm wide by 600mm long giving a gradient of 10%. Mounted to the Left Hand side of the mast
- The hydraulic power pack and electrical system will be housed in a separate wall mounted box at ground level.
- Control points will be positioned at both ground and upper floor levels. Both points will feature latching call buttons and emergency stop controls.
- Power requirement: 415V 3 phase + Neutral via 10amp isolator (Supplied by customer)
- Motor specification: 0.8Kw 3phase 415V with 3ltr reservoir
- Maximum lift capacity will be 500Kg



MEZZANINE FLOOR LIFTER

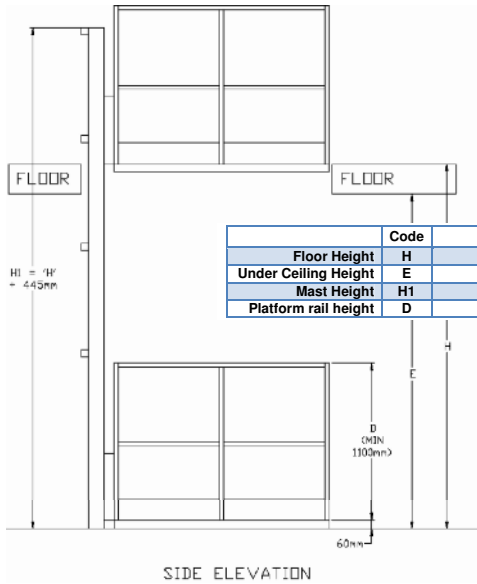
Mezzanine Floor Lifter



- The lift will be supplied with an external guard to fully enclose the unit over the full stroke and will comprise as follows:
- 4100mm high mesh panels on two sides with a single out-ward opening gate on the left hand side. The gate will be fitted with an electrical interlock to prevent opening when the lift is not parked.
- The upper level will be a simple gate mounted to the edge of the Mezzanine 1100mm high outwards opening with an electrical interlock to prevent opening when the lift is not parked.

Mezzanine Floor Lifter

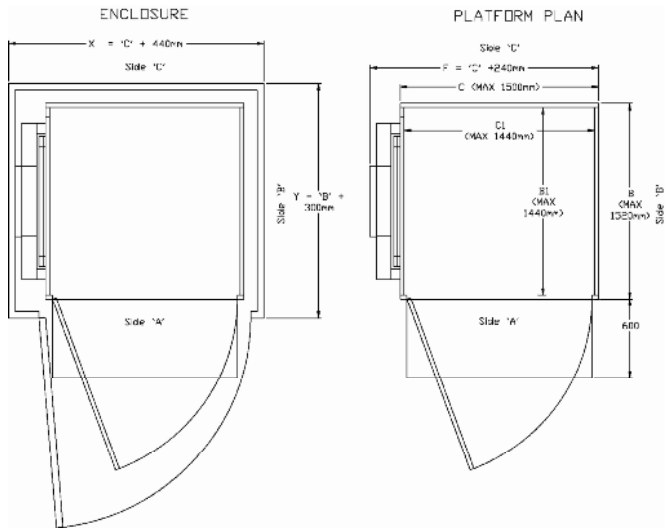
Section A - Heights



	Code	Dimension	Notes
Floor Height	H		Ground floor to first floor level
Under Ceiling Height	E		Ground to under ceiling height
Mast Height	H1		This is equal to H + 445mm
Platform rail height	D		Standard rail height is 1100mm

SIDE ELEVATION

Section B - Foot-print & gates



Mezzanine Floor Lifter

	Code	Dimension	Notes
PLATFORM			
Platform Width (Overall lift width)	B		Maximum 1520mm
Platform Length	C		Maximum 1500mm
Useable Platform Width	B1		This is equal to B minus 80mm
Useable Platform Length	C1		This is equal to C minus 60mm
Overall lift Length ENCLOSURE	F		This is equal to C plus 240mm
Enclosure Length	X		This is equal to C plus 440mm In wall mounted applications, the enclosure will only be on three sides with o/a length minus 50mm
Enclosure Width	Y		This is equal to B plus 300mm
Enclosure Height (Ground floor)			Standard setup is 50mm shorter than under ceiling height
Enclosure Height (1 st Floor)			Standard setup is 1100mm
Enclosure (Other details)			In some applications the enclosure may be full height against the side of a mezzanine

GATES & GROUND FLOOR RAMP: (mark (tick) relevant boxes)

Side	Platform Gate		Enclosure Gate (ground floor)		Enclosure Gate (1 st floor)		Ramp
	Single	Twin	Single	Twin	Single	Twin	
A							
B							
C							

Section C - Mast Support

Support	Details	Notes
Wall Mount		Please give details of the walling materials
Through Mezzanine		Through mezzanine applications require details of the mezzanine structure to ascertain whether or not appropriate support is available
Other		Please provide details

Section D - Power Supply

Voltage	Notes
240v Single Phase	
110v Single Phase	
415v Three Phase	Standard fit

Section E - Additions

Lift Colour		Standard RAL5017 (Blue)
Enclosure colour		Standard RAL5017 (Blue)
Anti-slip protection		None as standard