

Welcome to an introduction to one of Safetech's many materials handling products. This attachment provides a product overview and should assist you to make a more informed purchasing decision.

Below you will find:

- Detailed product information
- Technical Specifications
- Product pictures
- A link to the Safetech website for further information



SAFETECH FREIGHT HOISTS

Safetech manufacture both column and scissor profile Freight Hoists. Capacities range from 1 tonne single pallet hoists to scissor table hoists capable of loads up to 10 tonne and 8 pallets. Almost any combination of loads and capacities in-between these dimensions can be supplied to suit your individual requirements.

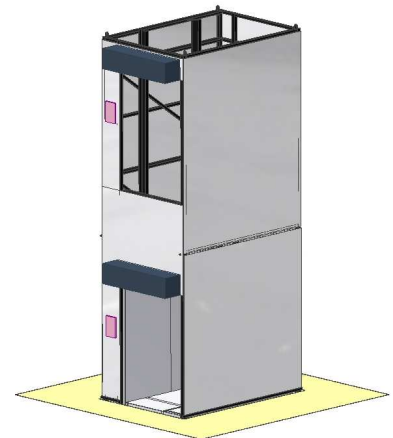
Safetech Freight Hoists are controlled by a printed circuit (PCB) with an LCD panel as an operator interface. This PCB will provide diagnostic control as well as the ability to customize control functions if required.

MODELS AVAILABLE

There are 2 basic Freight Hoist designs - the column lift and the scissor table hoist.

Column lifts: use a single telescoping hydraulic cylinder to power the lift and are ideal in applications where only a small concrete pit is preferred.

Scissor lifts: combine a base and scissor leg set with a platform. Suitable for larger loads and bigger platforms they require a much deeper pit.



HOW DO FREIGHT HOIST WORK?

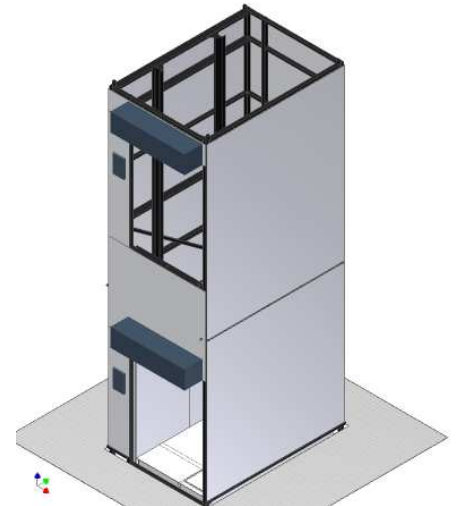
Column Lifts

A telescoping hydraulic cylinder is connected to a platform and the frame of the Freight Hoist. The booth is then clad in colourbond sheeting or steel mesh as required. Roller doors are provided at the top and the bottom to allow passage of the freight into and out of the hoist.

Freight Hoist can be freestanding or installed into an existing non structural shaft.

Column lifts can be 1, 2 or 4 pallet capacity or sized to fit the individual requirements.

Available with multiple door configurations.



Scissor lifts

Hydraulic Lift Tables incorporate a scissor mechanism to hold the platform level but allow it to move vertically.

A hydraulic power unit incorporating electric motor and hydraulic pump supply oil to hydraulic cylinder(s) to elevate the platform.

Most lift tables utilise a single acting hydraulic system. This means that the lift table raises by oil supplied to the cylinder(s) under pressure from the pump and descends under its own weight when the down valve is opened, allowing oil to be bled back to tank. This is sometimes known as a power up gravity down system. It also means that lift tables are subject to a slow downward drift over time as oil bleeds back to the tank.



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APPLICATIONS

- Dock Levellers
- Personnel lifts
- Mezzanine and between floor lifts
- Warehouse and office lifts

SAFETY

- Care must be taken to prevent entrapment of limbs either in the mechanism or under the table's edge. A safety bar is the best protection whilst skirts are also used. The safety bar stops the downward movement of the table upon contact with any obstruction.
- Lift tables are often used in conjunction with forklift trucks and they can sometimes damage the table leading to operating failure or injury.
- Column lifts are entirely self contained and this limits the potential for entrapment.

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PRODUCT RANGE

Safetech manufacture a wide range of materials handling and pallet wrapping equipment. If you would like more information about products in the following categories then please contact us.

LIFTING AND LEVELLING



OVERHEAD HANDLING SYSTEMS

COMPLETE STRETCH WRAPPING



PALLET HANDLING

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