

# Dock Product Solutions



**Australia's premier dock products and lifting solutions company**

# Overview



## **Australia's premier dock products and lifting solutions company, renowned for our innovation and unparalleled expertise.**

We are Australia's leading designer and manufacturer of dock products, freight hoists, scissor lifts, pallet loading and handling equipment, stretch wrappers, cranes, hoists and vehicle lifts. Our Australian based engineering and manufacturing capacity, extensive custom-design expertise and a national sales footprint lifts us clear of the competition.

In factories, warehouses, stores and homes across Australia, businesses and individuals continue to benefit from the safety, productivity and peace of mind we deliver.

Safetech hoists and custom lifts are installed in some of the most iconic locations in Australia including the MCG, Sydney's Star City, Parliament House in Canberra, and Melbourne's Shrine of Remembrance. Chances are many products you enjoy at home or work have been lifted and moved by our equipment.

In 2006 Safetech was named Australian Telstra Business of the Year. We are proud to have received this prestigious award as recognition of the efforts, achievements and support from our employees, suppliers, community and customers.

Since the launch of our first-ever product PALIFT in 1984, we've grown to over 100 employees and sold more than 100,000 products and custom handling solutions world-wide. We are proud of our achievements, continually striving for excellence, and excited about the future.

### **Our Vision**

To play a vital role in enhancing the efficient and safe operations of every Australian company. We will provide our employees with meaningful, satisfying work and a career path that tests their skills and builds the strength and wealth of our community.



# The importance of a safe loading dock

Loading docks are dangerous and must be properly designed and managed. Some common causes of loading dock accidents are:

- Inappropriate dock communication systems
- Inappropriate training
- Inappropriate traffic management procedures
- Premature truck departure
- Trailer creep (also known as dock walk)
- Landing gear collapse and trailer tip



## How to improve dock loading safety

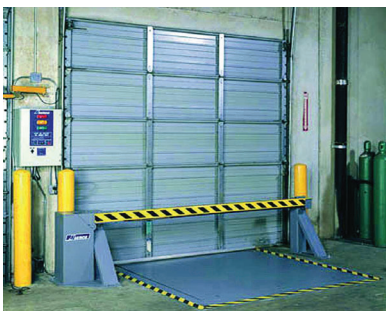
One accident is too many! By having the right equipment, appropriate training and procedures in place, loading dock accidents can be prevented.



Effective restraining of vehicles – prevents trailer creep and premature departure



Effective vehicle wheel chocking – prevents trailer creep and premature departure



Effective traffic barriers – prevents pedestrian and equipment roll-off and door damage



Effective internal and external dock traffic communication – provides appropriate traffic management



Effective stabilising of trailer – prevents landing leg collapse and trailer tipping during loading or unloading



Properly designed modern facilities should incorporate suitable dock products and communication packages which offer high OH&S standards and effective environmental controls

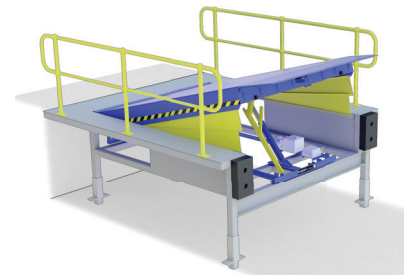
# Dock Levellers

Dock levellers come in a full range of models, sizes and capacities in either Mechanical or Hydraulic operation, suitable for safe operation in the harshest environments.

Dock Levellers provide for the safe transfer of personnel and materials between truck and loading dock facilities. Depending on your application and budget, Safetech can advise you of the most suitable Dock Leveller for your needs.



Typical model 710 Dock Leveller in action, safely bridging the height variance between trucks and loading dock floors



Free standing Dock Leveller



Purpose built steel loading dock with built-in Dock Leveller



Hydraulic Vertical Dock Leveller



Hydraulic Vertical Dock Levellers are ideal for temperature controlled environments and offer many advantages



Safetech Hydraulic Container Dock Leveller (model CDL) designed to allow container truck trays / "B" Doubles to back under for safe loading and unloading





# Dock Levellers



**Recessed Finger Dock** with typical (model 714) Dock Leveller in action, bridging the height variance between trucks and loading dock floors



**Truck Leveller** with built-in safety wheel chocks lifts any vehicle to level of dock for safe and effective loading and unloading



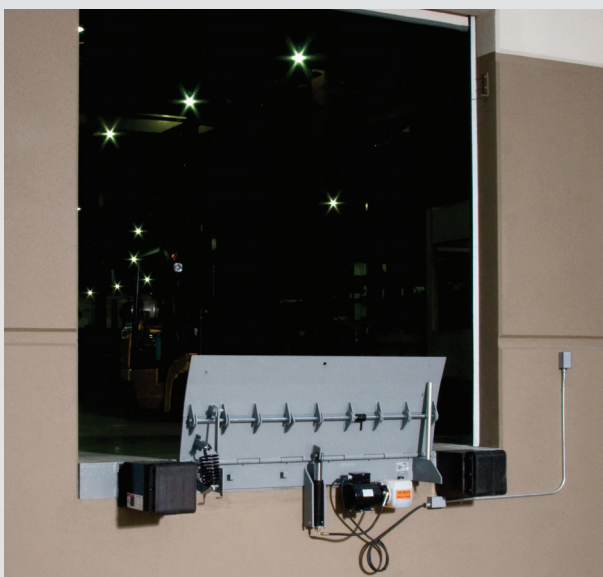
**Stepped Down Igloo Dock Leveller** application with inflatable dock shelters, maintaining the cold chain



**Tail Lift Provision Loading Dock** Design with retractable snap back dock shelters

## Edge of Dock Leveller

Economically Priced leveller installation to dock exterior available in Mechanical or Hydraulic configuration and including dock bumpers.



**Hydraulic Edge of Dock**



**Mechanical Edge of Dock**

# Dock Levellers

Safetech Dock Levellers come in standard sizes and models, but can be made with various options to suit your needs what ever the size, capacity or operational requirement.



**Retail Dock** Installation includes gates for increased safety



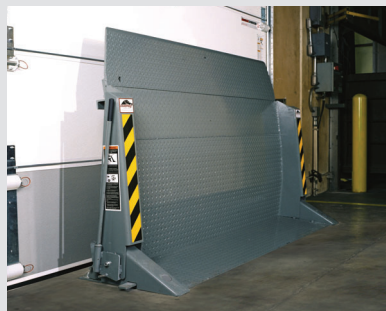
**Hot Dipped Galvanised** options available in most of our range of loading docks for hostile environments



**Ezi-Pit** suitable for Standard or Tail Lift Provision Docks can be provided to assist in pit formation during loading dock construction

## No Pit, No Pour, No Problem!

Safetech Load Hog Dock Bridge – powerfully simple revolutionary dock solution. Available in a wide range of sizes and finishes including hot dipped galvanised.



**Load Hog** – stows vertically and is easy to install – no pit required



**Load Hog** – effective dock bridge into truck



**Load Hog** – heavy duty construction



**Load Hog** – Simple and easy to use



**Load Hog** – versatile



# Dock Hoists

Safetech Dock Scissor Hoists and Dock Rail Hoists provide safe means for transferring loads from loading dock or trucks to the floor. Multiple capacities and configurations available.

Speak to Safetech about your needs.



Safetech Dock Scissors Hoists allow for safe loading and unloading for trucks of all heights



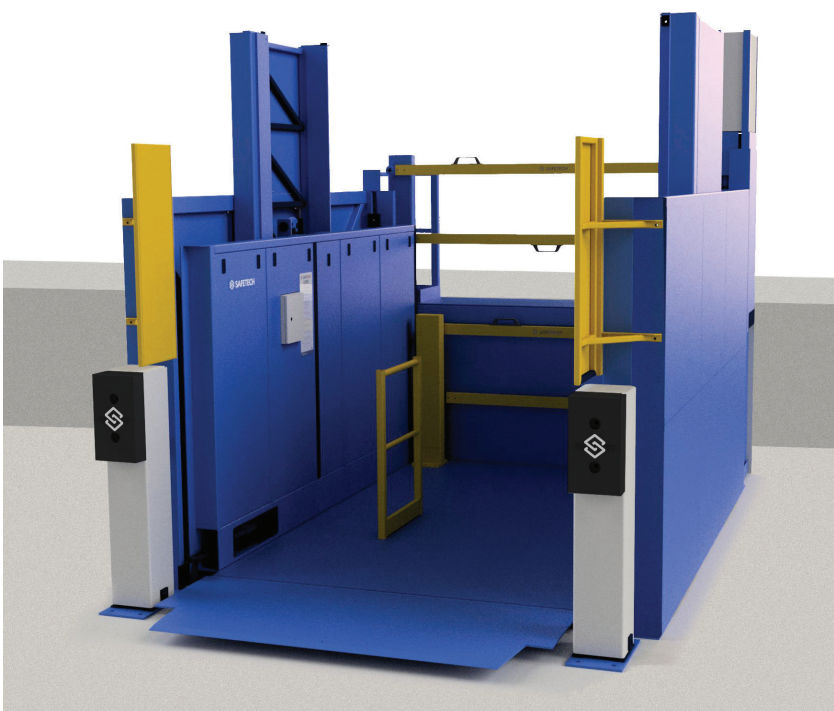
Safetech **Dock Scissor Hoists** designed for easy and safe operator use



Safetech **Scissor Hoist** for loading docks that are not raised



Safetech **Low Profile Rail Hoists** need no pit and can complement the function of typical loading dock levellers



**Lo-Hoist** – The dock hoist for a pitless installation



Interlock safety gates at lower level make it safe to use. Low profile platform makes it easy to roll goods on and off

# Dock Shelters and Seals

Safetech Dock Shelters and Seals provide a most effective weather protected passage-way between the building and the vehicle, keeping costly conditioned air inside and unwanted conditions out. Many other styles of seals and shelters are available in addition to the selection shown. Please consult Safetech for the best style to suite your application.

## The shelter and seal systems offer the following benefits:

- Reduced heating and cooling costs resulting in short term pay back
- Protects products against damaging elements and pilfering
- Secure environment controlled extension of the facility
- Keeps weather out whilst improving dock environment and safety.

## The Dock Shelter systems also have the added benefits of:

- Eliminating excessive loading on the building wall structure
- Adapting to an extensive range of vehicle heights and widths.



**Eco Shelter** – the ultimate in flexible temperature controlled Dock Shelters



**Inflatable Dock Shelter**



**Eco Shelter** inflates to seal flush against the trailer



**Snap Back Retractable Dock Shelter**



**Ultra Dock Shelter** – for ambient or temperature controlled warehousing



**Ultra Dock Shelter** – view from inside the warehouse



# Dock Shelters and Seals



Safetech Dock Seals in use providing an effective environmental seal



Dry Dock Seal – helps prevent water running onto the dock area from the vehicle roof



Ultra Dock Seal



Ultra Dock Seal – in use



Ultra Dock Seal – a tight effective seal



Ultra Dock Seal – view from inside warehouse



Fixed Head Dock Seal



Fixed Head Dock Seal with head flap



Adjustable Head Dock Seal

# Dock Doors

Safetech Dock Doors include durable knockout doors that can handle the rough treatment, in both lightweight and insulated models, and our triple layer insulated sectional doors provide market leading energy efficiency. All doors can be installed and integrated along with your dock leveller and other dock equipment for the most complete and functional dock installation available.

## TKO Dock Doors

The most cost effective range of knock out doors that offer the toughest flexible barrier against forklift impacts and are suitable for temperature controlled and non-temperature controlled warehousing.

Available in various models including – Welter weight and Thermal weight. The TKO VertiCool Door answers the demand for a cost-effective and energy-efficient dock door for use in Vertical Storing Dock Leveler applications.



**Verticool** – cost effective insulated dock door for use with vertical storing dock leveller



**TKO knockout door**

## Insulated Sectional Doors

Triple layer Insulated Sectional doors provide an RSI-Value of 3.4 for cool rooms down to +2 degrees. Designed for commercial installations, includes powered operation integrated with dock levellers



Triple Layer insulated sectional door



**Jackshaft Powered Opener** interlocks with your dock leveller



High efficiency **Insulated Sectional Doors** integrated with dock installation



# Vehicle Restraints

Safetech is the market leader in vehicle restraints when it comes to durability and engineered safety. Many models are available from ground mounted, dock wall mounted, under dock mounted and come in a range of mechanical or power styles to suit your needs. All restraints come with LED Light Communication packages.

When securing a vehicle safely to a loading dock is an important requirement for you, please contact Safetech for the best solution for your needs.



**Pit Bull** – the best of the best in vehicle restraints and safe communication packages, securely locking vehicle to dock via ICC under run bar. The Pit Bull communicates safe engagement to dock operators and truck drivers.



**Pit Bull** – not engaged



**Pit Bull** – engaged



**Pit Bull** engages the ICC under run bar



**Pit Bull** – internal LED Light Communication package and controls



**Pit Bull** – external LED Light Communication package with mirror reverse signage



**APS 2000** – wall mounted, the ultimate in budget hook restraints

# Vehicle Wheel Chocks

Safetech Vehicle Wheel Chocks are available in many styles from the basic rubber wheel chock to the ultimate inground automated chock. Wheel Chocks can help secure virtually any type of vehicle regardless of whether they have ICC under run bars or are fitted with Tail Lift Loaders.

When securing a vehicle safely to a loading dock is an important requirement for you, please contact Safetech for the best solution for your needs.



The Safetech **Inground Universal Auto Chock** – the ultimate automatic flush mounted inground wheel chock comes standard with an LED Light Communication package



The Safetech **Surface Safety Chock** – the ultimate automatic above ground wheel chock comes standard with an LED Light Communication package



Ezy Chock



Ezy Chock – manually positioned



**Manual Wheel Chock** – where securing a trailer's rear impact guard is not an option

## Safetech Smart Chock™



Manual aluminium wheel chock



External LED Light Communication package

## VersaChock™



Wireless Engagement Detection



Heavy Duty Storage Cradle



# Dock Accessories

## Dock Lighting

Safetech have a range of dock lights available, from the conventional swing arm light to the latest technology Light. Effective lighting improves safety. Available in food and pharmaceutical grade options.



High impact LED Dock Light with Flexible Spring head arm



Turbo-ES Fan with optional High Impact LED Dock Light



GFlex dock light with LED Globe

## AeroTec Fan

The Safetech AeroTec Fan provides powerful directed clean air circulation into smelly and hot containers or trailers. Helps provide an improved, safer working environment.



AeroTec Fan comes standard with a break away plastic air delivery tube.



AeroTec Fan in action

## Dock Guard Barrier Safety Gate – Powered

This heavy duty range helps prevent fork truck roll drive off and comes in a power operated version with various communication light and interlocking options.



– in action



– inside warehouse



– on external dock

## Safetech Wheel Guides

Designed to ensure that vehicles and trailers are always correctly docked against the loading dock. Made from tubular steel, the wheel guides are strong and very easy to install. The rounded corners design will not cause any damage to tyres.



Wheel Guide



Smooth contours prevents tyre damage

## Dock Guard Barrier safety Gates – Manual

Safetech can provide you with a Dock Impact Barrier or a Work Safe Gate to enhance the safety of your facility. The easy to use manual Barriers and Gates help you comply with industrial safety standards.



Right top: **Impact Barrier** stops forklifts, bottom: **Work Safe Gate**. protect personnel.

# Dock Accessories

## Bollards and Barriers

Effective bollards and barriers prevent unwanted damage to critical building structures and provide safe barrier protection of pedestrians from fork trucks.



Protection Bollard



Column Protection Bollard



Wall or Pedestrian Protection Barrier

## Hold Safe Stabiliser

This easy to operate but effective stabilising jack safely support spotted trailers preventing trailer tip and landing leg collapse.

The only safe method of preventing trailer tip or landing leg collapse for spotted trailers.



Manoeuvring under front of spotted trailer



Winding up into secure supporting position



In secure supporting position. Trailer can now be safely loaded.

## Safetech Safety, Operational and Procedural Signage

Meets required Loading Dock OH&S standards enhancing safe operation procedures.



Operational & procedural signage on internal wall



Traffic procedural signage on external wall



Control Panel – All in one controls for your leveller, shelter and traffic lights

## Master Control Units

Safetech MCU's are designed to unclutter multiple dock equipment controls and provide safety by better controlling and sequencing the dock equipment functions

## Safetech LED Communication Light Packages

Help provide a safe and accurate means of communication between the truck driver and the loading dock operator.



Fully Optioned Master Control Unit



APS & GO LED Traffic Lights with signage



# Dock Accessories

## Dock Bumpers

Safetech Dock Bumpers are available in various styles and sizes to suit your needs. Photos show a small selection of available models.



Composite Bumper



Dock Bumper Strip



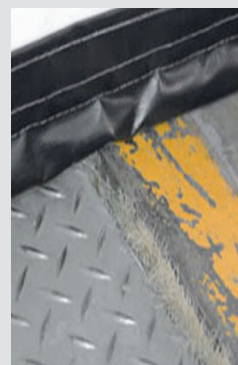
Steel Faced Bumper

## Loading Dock Sealing Options

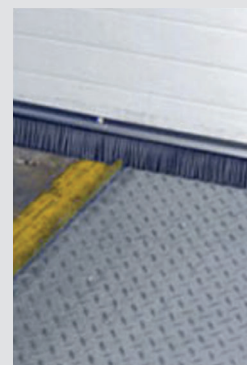
Reduces gaps between doors and docks or between pit walls and dock levellers. Available in nylon brush and flexible PVC. Tek Screw styles also available.



T-Seal Track Weatherseal



Door Edge Seal™



Door Brush Seal

## Trailer Guidance Aids

Dock reflector strips and dock guidance lights provide an excellent but simple guide to reversing trucks/ trailers day and night for accurate and correct positioning against dock.



Dock Reflector Strip



Dock Reflector Strip



Dock Guidance Lights

## Door Safety Strap

To activate Safety Signal™ or Smart Chock™ designed for facilities that typically keep their loading dock door open and do not want Safety Signal™ or Smart Chock™ to be door activated. The Door Safety Strap provides a visual barrier when doors are left open.



Being positioned to cover door sensor



In position



In positioned and showing red no go light

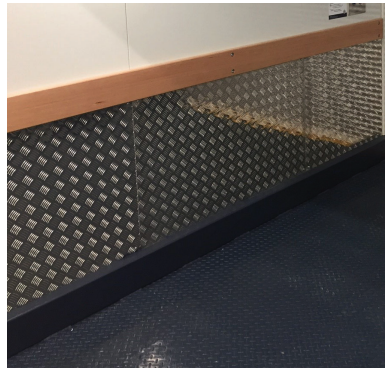
# Other Products

## Freight Hoists

The perfect way to move goods between floors. Our new generation hoists provide users with convenient and safe access to multiple levels in factories, warehouses, self-storage and retail stores.

From the unique low profile, CCTV cameras and easy to use controls, to the ease of service, we have designed our goods hoists with the needs of the user as our central focus.

Our custom design capabilities allow you to select exact platform dimensions, the lift capacity and the vertical travel to suit your application.



Freight Hoist with checker floor and aluminium wall lining



Freight Hoist entrance



Freight Hoist



Freight Hoist with personnel hand rail

## Freight Mate

A cost effective solution to goods movement over two levels. Save time and eliminate manual handling challenges. Our unique design is incredibly durable, wash down friendly and will provide years of trouble free performance.



Left: Self Storage application, Top Right: 2nd Level standard entrance, Bottom Right



# Other Products

## Scissor Lifts

We are Australia's largest manufacturer of Scissor Lifts.

With the skills, experience, design expertise, and a huge range of options, we can design your table to suit almost any application.

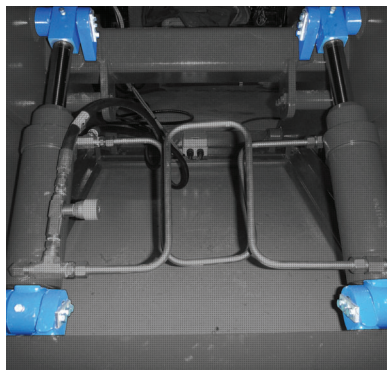
Call us to discuss your scissor table requirements on 1800 674 566.



Custom Finishes including Stainless Steel platforms



Lolift with optional handrails



High Cycle Modifications



A container loading solution with 20t capacity



Custom double scissor



Scissor table with optional galvanised base, table top, Palring and load cell



Heavy capacity scissor hydraulics

# Other Products

## Pallet Dispensers

The best in class, no exceptions. A range of options all designed and manufactured in Australia.



Double Dispenser



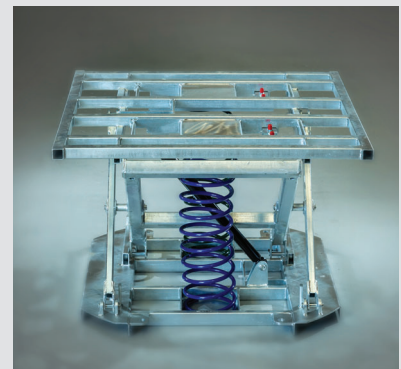
HD Pallet Dispenser

## Pallet Loading

A simple and highly productive solution to manual handling problems when loading and unloading pallets. The original and still the best pallet leveller available today.



PTG3 with rotating top



PST3 with square top

## Pallet Handling

Paldisc is ideal to rotate pallets with the use of a pallet jack due to its roll on edge.

Palring is an inexpensive way to rotate palettes when a forklift is available for loading.



Palring



Paldisc

## Pallet Tilters

A range of options designed and manufactured in Australia.



Pallet tilter



Pallet Tilter with rollers



# Other Products

## Gorbel Workstation Cranes, Jibs and Lifting devices

Absolutely the best products in class available. Ergonomic, intelligent and modular.

Contact Safetech to discuss a Gorbel solution to your overhead lifting needs.



Gorbel Jib Crane



Gorbel Freestanding Crane



Large Spans Available



Hoist Trolley Drive with remote control receiver



Ceiling mounted installations include brace to avoid any crane structural movement

## Tape and Stretch Film Wrappers

High quality film and tape wrappers designed and manufactured in Australia.

From boxes and bags to fresh fruit and eggs, we have a solution for you.

Tape Wrappers reduce waste by up to 95% but do not compromise load stability in any way. Loads can be wrapped whilst hot, eliminating cooling time if goods are typically secured with stretch film. Tape is easy to handle and in many cases eliminates double handling of palletised goods.



Lo Wrapper – Semi Automatic



Tape wrapper shown securing fresh fruit



Mandrel Lock contains the 16kg machine roll



Poultry Applications allow the cooling of Palletised Eggs

# Yard Ramps

Safetech make ramps to suit a variety of applications, both fixed and mobile.



Container Ground Yard Ramp



Conventional Container Ramp



Ramp and Dock Leveller combination

## Dock Design Assistance

Safetech are leaders in dock design and have many years experience in the field. We provide guidelines for effective dock design in our booklet Modern Materials Handling and Dock Design. Contact Safetech for a complimentary copy.



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