

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



## PALIFT AUTOMATIC HEIGHT ADJUSTING TABLE

Palift is one of the most useful and cost effective ways to enhance safety and productivity when workers are manually loading or unloading boxes, bags or almost any kind of product. Palift is sold around the world and was the pioneer in pallet levelling equipment

### BENEFITS OF PALIFT

Palift increases productivity and improves worker safety by eliminating the need for bending and stretching when loading or unloading pallets. It is typically used in production areas, at the end of conveyors, in warehouses or anywhere that pallets are being broken down or built up. Also suitable for use with stillages, large bins or stacks of sheets.

When building a pallet of goods the pallet height is maintained at a safe working height as the load is automatically lowered. Rotating the turntable eliminates stretching across the pallet. The same principles also work, but in reverse, when unloading a pallet. The effect in either situation is to dramatically reduce the strain and risk to the worker.

They have two great advantages over lift tables and other products; they are cheaper and operate without the need for operator intervention. This last means that the benefits of pallet levellers are not dependent on a worker choosing to properly use the equipment.



## HOW PALIFT WORKS

Pallet Levellers resemble scissor lift tables in appearance. They have a top deck and a base connected by a pair of scissor legs.

The levelling mechanism is a set of springs and is set to the weight and height (the density) of the product.

From then on the levellers work automatically and raise or lower as the weight changes. For most users load setting is a simple process and springs never have to be changed.

The majority of Palifts are sold with a turntable mounted into the deck as this significantly improves the ergonomic benefit by allowing the load to be rotated toward the operator.

A shock absorber is used to prevent any bounce and all Australian Palifts are supplied with a standard galvanized finish.

## APPLICATIONS

- Manual palletising or depalletising
- Loading or unloading of stillages, containers, bins, bags, bricks, tiles
- Commonly used alongside conveyor, feeding hoppers, extruders, process and production equipment

## OPTIONS

- Available with wheels
- Tandem units for long products
- Powder coated and stainless steel finishes
- Maxi Palift supports loads up to 2,500 kgs

## PALIFT VERSUS BACK INJURY

Palift rewards the buyer with higher productivity and substantially lower injury risk. Consider the following facts when making an assessment about the returns when buying Palift.



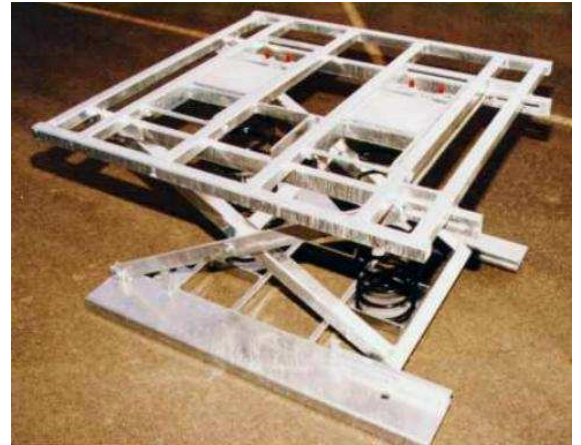
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## 1. Costs of back injury Average cost of a back injury in Australia

- 26% of all compensation claims are back injuries (Vic. Workcover Authority)
- Majority of back injuries occur when lifting/handling product
- \$24,000 per annum - does not include retraining, rehiring costs or loss of productivity.
- Back injuries often lead to lifelong pain and suffering

## 2. Potential Productivity Gains

Palift has been reliably demonstrated to achieve productivity gains of 25% up to 40%.



## SPECIFICATION

### STANDARD PALIFT

- 2000kg capacity
- 230mm compressed height
- 700mm extended height
- 1100mm Turntable diameter
- 1040x1040mm top
- Weight 142kg
- Palift is available with either a turntable top or a fixed top and can be mobile if required

### MAXI PALIFT

- 2500 kg capacity
- 230mm compressed height
- 730mm extended height
- 1,100mm Turntable diameter

# SAFETECH

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# SAFETECH

## 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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