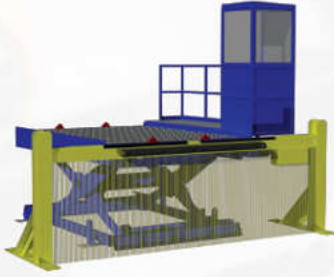


Air Tech Innovations Limited Products

Truck Dock Lift



Closing the gap between road and air cargo transport, Truck Dock Lifts rise and lower, transporting aircraft pallets from road vehicles to cargo system height and vice versa. Hydraulic cylinders provide the lifting power and a geared motor unit turns the rollers. Lifts can be tailored to suit any need.

Dolly Dock



Designed to transfer aircraft cargo from airside dollies into a cargo handling system and vice versa. Dolly Docks provide hydraulic height adjustment to enable smooth transfer of Dollies.

Powered Roller Bed



Designed to move aircraft pallets through a cargo system, Powered Roller Beds are the transport links between handling equipment. Driven by a SEW geared motor unit, manual handling is reduced to almost zero. Non-slip walkover plates are fitted to allow personnel to safely walk over the top.

4 Way Powered Roller Bed



Similar to a Powered Roller Bed, a 4 Way Powered Roller Bed provides all the benefits of a Powered Roller Bed with the addition of transferring cargo at 90 degrees. Pop-up wheels drive the cargo to another line, castor deck or storage area.

Castor Deck



Castor Deck allows for the manual movement of aircraft pallets or ULDs through a cargo system. Utilising Colson Castors inverted in the deck, pallets can be moved and rotated in tight spaces with minimal effort. The top deck is non-slip and can be perforated for outdoor use. Available in standard or bespoke dimensions.

Air Tech Innovations Limited Products

Slave Pallet



Increase the flexibility of your operation by utilising Slave Pallets. Slave Pallets allow air cargo to be transported by fork lift truck. Lift-up pallet stops can be raised to prevent cargo falling during movement. Available powder coated in your RAL colour and also galvanised.

Protection Barrier



In the heavy world of air cargo, personnel and equipment require protection from moving equipment. Air Tech Innovations has a wide range of protection products.

Air Tech Innovations Limited Services

Planned Preventative Maintenance

Planned Preventative Maintenance is an investment to ensure the longevity of equipment and to maximise availability. The availability of equipment is in direct proportion to the quantity and quality of the maintenance provided. Air Tech Innovations will create an asset list for your site and create a tailored maintenance plan to suit your operation.

Refurbishment

Air Tech Innovations offer a service to extend the working life of your equipment. Our refurbishment programme provides huge cost savings and reduced downtime by refurbishing your equipment with a quick turnaround before putting it back into service.

Stillage



Slave Pallet



AIR TECH

INNOVATIONS

materials handling system specialists



Air Tech Innovations offer a wide range of products and services to the air cargo handling sector. Equipment is available in standard specifications and bespoke to suit individual needs.

Experienced in the airport sector, Air Tech Innovations design, manufacture, install and maintain a large range of products to handle air cargo. Air cargo handling equipment comes in many sizes, Scissor Lifts capable of lifting 13.6 tonnes to Slave Pallets for moving single loads. Protection Barrier to protect personnel and equipment is essential in the air cargo industry minimising downtime due to injury or equipment damage.

Maintaining your handling equipment is important to keep it safe and efficient. Responding quickly to breakdowns and bringing the equipment back online will ensure the time-sensitive air cargo industry will keep moving.

Investing in new equipment is often a costly, but necessary business. At times, equipment repair and refurbishment is a great alternative to purchasing new. Air Tech Innovations provide a refurbishment service to extend the life of equipment that seems to have reached the end of its life.



Air Tech Innovations
Designed and Manufactured in the United Kingdom

Air Tech Innovations Limited Mobile Scissor Lift

Mobile Scissor Lifts offer an alternative mode of transport for air cargo. Requiring only basic operator training, the Mobile Scissor Lift is a capable workhorse.

Battery powered and fully manoeuvrable, a single operator can lift, move and transfer loads up to 6,800 kg.

Mobile, battery-powered equipment requires very little installation. The charger needs to be plugged in and the battery charged, that's all. Once the daily safety checks have been completed, it's ready to go.

Minimal installation leaves your building exactly as it was prior to delivery. There's no need for floor fixings, there's no need for a high-voltage power supply. When you're done, load the equipment onto a vehicle for transportation, and go. There's no building rectification works needed.

Uses

Mobile Truck Dock
Pallet Transfer
Peak Cover
Temporary Warehouse
Emergency Cover

Operating Heights

508 mm to 1,500 mm

S.W.L.

6,800 kg

Operating Dimensions

3,660 mm (L)
2,540 mm (W)



Air Tech Innovations Limited Mobile Scissor Lift

- Fully Manoeuvrable
- Powered Roller Bed Top Deck
- Battery Powered
- Scissor Lift Hydraulic Powered
- Operator Platform and Pendant Controls
- Chainmail Safety Curtain
- Tiller Control Handle
- Automated Lift-Up Pallet Stops both ends
- 8.1 m turning circle
- Complies with EU Standards and Directives

Options

Castor Deck Top Deck
Load Cells for Weight Measurement

Tiller Control Handle
(moving the Mobile Scissor Lift)



Pendant Control
(operating the lift and roller bed)

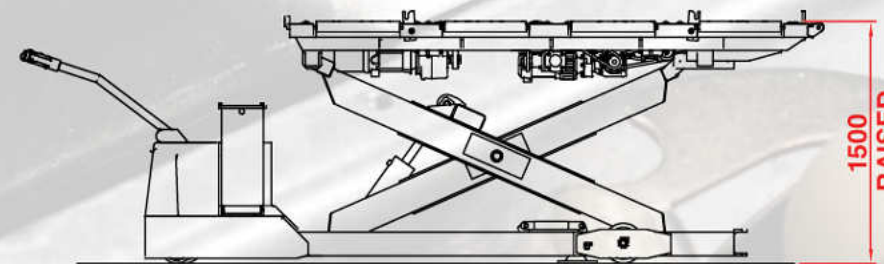


Mobile Scissor Lift Additional Equipment

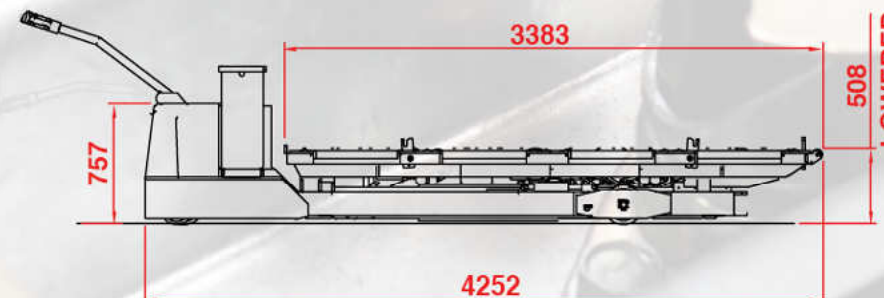
Additional Battery
Advisable for a 24hr operation

Charging Station
To hold battery during charging

Battery Trolley
To transport batteries



components removed for clarity



materials handling system specialists

Products and Services

Air Cargo Products

Scissor Lift
Mobile Scissor Lift
Truck Dock
Build Station
Dolly Dock
Weigh Station
Roller Bed
Castor Deck
Storage Bed
Storage Rack
Slave Pallet
Raised Platforms

Post and Parcel Products

Telescopic Belt Conveyor
Inclined Belt Conveyor
Belt Conveyor
Lineshaft Roller Conveyor
Gravity Roller Conveyor
Lineshaft Roller Bend
Gravity Roller Bend
Belt Merge
Roller Merge
Pallet Conveyor
Sortation Equipment
Mobile Conveyor

Safety Products

Personnel Protection
Equipment Protection
Edge Protection
Barrier
Handrailing

Services

Refurbishments
Modifications
System Design
Fault Finding
PLC Software Design

Planned Preventative Maintenance and Reactive Works

Planned Preventive Maintenance
Reactive Call-Outs to Breakdowns
Spare Parts

air cargo
design
installation

post & parcel
manufacture
service

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