

SOUTHWORTH®

Lift Smarter. Work Safer.

Making work faster, safer, and
easier with Lifting, Positioning,
and Transporting Solutions



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PalletPal 360 Spring application

Ergonomic solutions that support the well-being of people and organizations

Ergonomics may feel like a relatively modern term, but its concepts have been around as long as the human species has. Our ancestors selected and invented tools to accomplish necessary tasks in order to survive.

Fast forward hundreds of years, and the evolution of ergonomics has made it easier to complete tasks, and to focus on standardization and job process simplification. Over time, the focus has shifted to include not only improved production and efficiency but worker safety and well-being as well.

At Southworth, our purpose is to harness our own creativity to positively impact people and organizations by developing ever more effective material handling equipment and solutions. We imagine, design and manufacture solutions that make the most physically demanding material handling work faster, safer, and easier for the hardworking people who perform these jobs. In doing so, we improve productivity, reduce the likelihood of acute and long-term injuries, and make difficult work easier and more manageable for millions of people around the world.

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Lift Tables

Elevating Performance, Safety and Efficiency

In demanding industrial environments, the right equipment is crucial for enhancing productivity and safety. Southworth lift tables are designed to support efficient material handling across a range of industries and applications. Our extensive line of scissor lifts includes hydraulic, pneumatic, floor-height, pallet, portable, and compact lift tables.

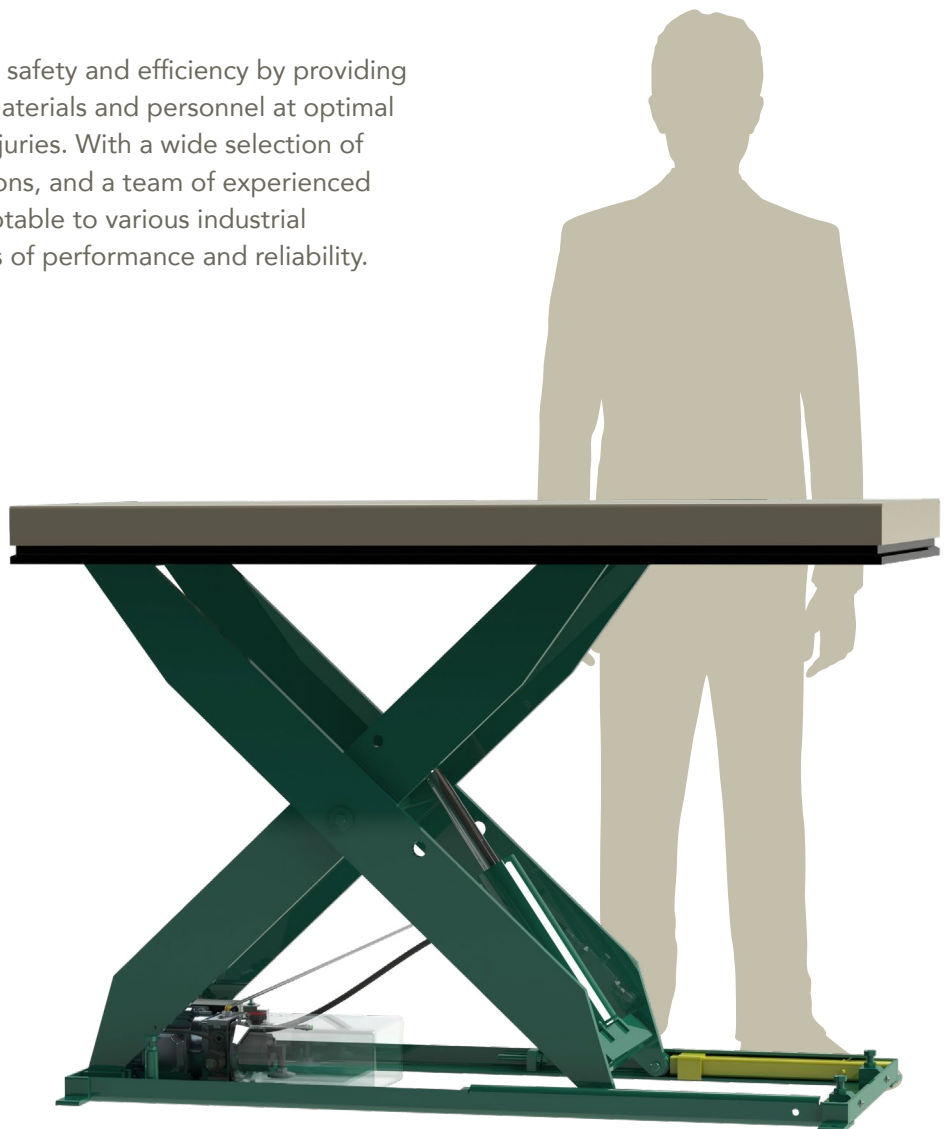
These machines are designed to enhance safety and efficiency by providing ergonomic work solutions that position materials and personnel at optimal heights, reducing the risk of workplace injuries. With a wide selection of stock models, flexible customization options, and a team of experienced designers, Southworth lift tables are adaptable to various industrial applications while offering high standards of performance and reliability.

 **Vertical Lifting**

 **Work Positioning**

 **Pallet Handling**

 **Load Transporting**





Backsaver Lifts

LS Models

Over one million configurations available.



Pneumatic Lifts

GLSA Models

For use anywhere shop air is available.



Heavy-Duty Lifts

DL Models

Lift loads up to 25,000 lbs. with ease.



Spacesaver Lifts

LSH Models

Extended vertical travel.



Backsaver Lite Lifts / Backsaver Compact Lifts

LL and LS Models

For lower capacity requirements 500 - 1500 lbs.



Tandem Lifts

LST Models

Extra-long and extra-wide platforms.

Low-Profile Lifts, Tilters, and Levelers

For use with Hand Trucks, Pallet Jacks and other Floor-Height Transporters

Southworth low-profile lifts, tilters and levelers are designed to optimize efficiency and safety in material handling operations, particularly those that interface with hand trucks, pallet jacks, and other floor-height transporters.

These solutions are engineered to minimize the need for manual labor by positioning materials at ideal working heights, reducing the risk of injury and increasing productivity. Available in a variety of configurations—including portable and stationary models—these products offer versatile options for a range of applications, from manufacturing and assembly to distribution.

 Vertical Lifting

 Work Positioning

 Pallet Handling

 Load Transporting

 Container Access





Pit Mounted Lift Tables

The base sits below floor level so when lowered, it is flush with the floor.



Floor Height Lift Tables

ZLS Models

Lowers to floor level for loading with a hand pallet truck.



LiftMat Lift Tables

LM Models

Four-side access to loads with no reachover. Ramp option available for hand pallet truck accessibility.



LiftMat Lift Turntables

LM Models

Integrated turntable spins loads for easy access without reaching across or walking around the lift.



Roll-In Level Loaders

Roll-E and Roll-U Models

For use with open bottom pallets. Provides four-side access. Choose "E" or "U" shape styles.



Roll-On Level Loaders

Roll-C Models

Hand pallet truck accessible. Turntable option available.



Pan-Style Container Tilters

ZTU Models

Hand pallet truck accessible, works with all containers.



Stackbox Positioners

SBL Models

Access parts in totes or small bins. Choose forks or platform.

Portable Lifts

On-the-Go Lifting Solutions

Southworth portable lifts offer a convenient and efficient solution for a wide range of lifting applications. The compact design makes them easy to move and transport, while intuitive controls ensure effortless operation. Built-in safety features protect operators and equipment, making these lifts a reliable choice for various environments.

Ideal for use in workshops, warehouses, construction sites, and other areas where mobility is essential, Southworth portable lifts provide a versatile and dependable solution for your lifting needs.

 **Vertical Lifting**

 **Work Positioning**

 **Load Transporting**





Powered Dandy Lifts

PLM Models

Precise push-button powered lifting in a clean, compact unit.



Backsaver Lite Portable Lifts

CLL Models

Hydraulic lift tables with casters and push bars. Available in manual or powered drive.



Self-Leveling Portable Lifts

DLV Models

Spring mechanism automatically adjusts platform height for level feeding/offloading.



Manual Dandy Lifts

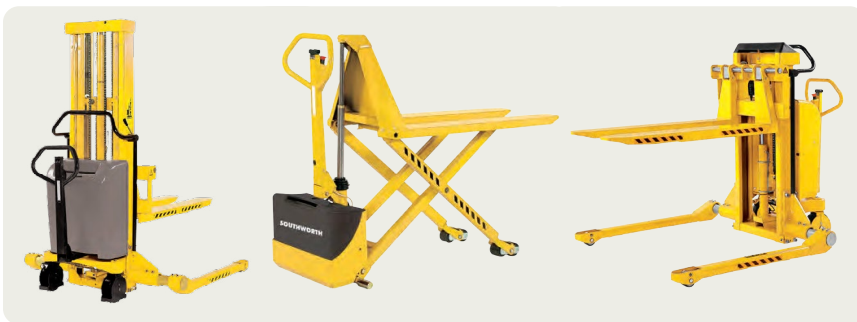
A, F, L, and M Models

Manual lift units with foot pumps lift loads to just the right height. Capacities from 330 to 1,760 lbs.



Lift-Tool Workbench Lift

The portable lifting, positioning, and assembly tool. Raise or lower it with an ordinary cordless drill.



Mobile Levelers/Lifters

PML, PMLS, and PT Models

Lift, position and transport with a single unit. See [Pallet Handlers](#) section for details.

Turntables

Integrated Components to Improve Productivity

Available in manual and powered configurations, Southworth turntables enable smooth rotation of loads, allowing workers to access items from any angle without unnecessary movement, thereby reducing fatigue and enhancing productivity.

Designed for flexibility, Southworth turntables can be mounted on the floor, on fixed-height platforms, or integrated with lift tables, making them adaptable to a wide range of applications such as palletizing, assembly, and maintenance.



Work Positioning



Pallet Handling





Pallet Turntable Disc application



Powered Turntables

PTNT Models

Rotate heavy loads 360° at the touch of a button.



Manual Turntables

MTNT Models

Available in "top mount" or "flush mount" configurations.



Pallet Turntables

TNT and Disc Models





PalletPal discs and rings can be easily moved or relocated.

Pallet Handlers

Expand the Boundaries of Pallet Handling

Southworth offers a comprehensive range of ergonomic pallet handling equipment designed to improve efficiency and safety in material handling processes across a wide range of industries. The product line includes spring and air-powered level loaders, which automatically adjust the height of pallet loads to reduce operator strain and increase productivity during loading and unloading tasks.

These solutions are engineered to streamline operations, accommodating diverse pallet handling needs with additional options such as turntables and mobile levelers.

-  Vertical Lifting
-  Work Positioning
-  Pallet Handling
-  Load Transporting





PalletPal® 360° Automatic Level Loaders

The automatic load levelers that set the standard. Available in mechanical or pneumatic.



PalletPal® Powered Level Loaders

PPH and PPA Models

Powered lifting and lowering for precise positioning. Ideal for non-uniform loads. Available with hydraulic or pneumatic actuation.



Roll-On Level Loaders

Roll-C Models

Hand pallet truck accessible. Turntable option available.



Roll-On Level Loader with Turntable

Roll-C TT Models

Built-in turntable allows operators to spin the load for nearside loading/unloading.



PalletPal® Pallet Inverters

SR Models

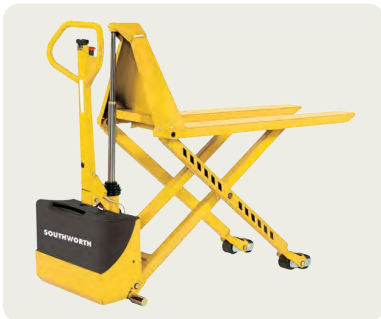
Rotates in seconds. Replace broken pallets; switch loads to/from in-house or shipping pallets; transfer from pallets to slip sheets.



PalletPal® Mobile Levelers

PML Models

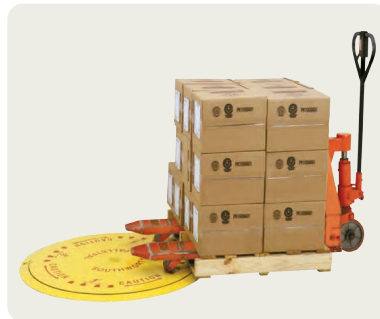
Use as a transporter, feeder, or work positioner. Powered lift.



PalletPal® Lift Trucks

PT Models

A palletizer and transporter in a single unit with powered lift.



PalletPal® Disc Turntables

Rotate loads for nearside access. Hand pallet truck accessible.

Container Access

Engineered for Accessibility and Versatility

Southworth container access solutions are designed to improve productivity and safety by positioning containers so items inside are more easily accessible with minimal bending, reaching or stretching required.

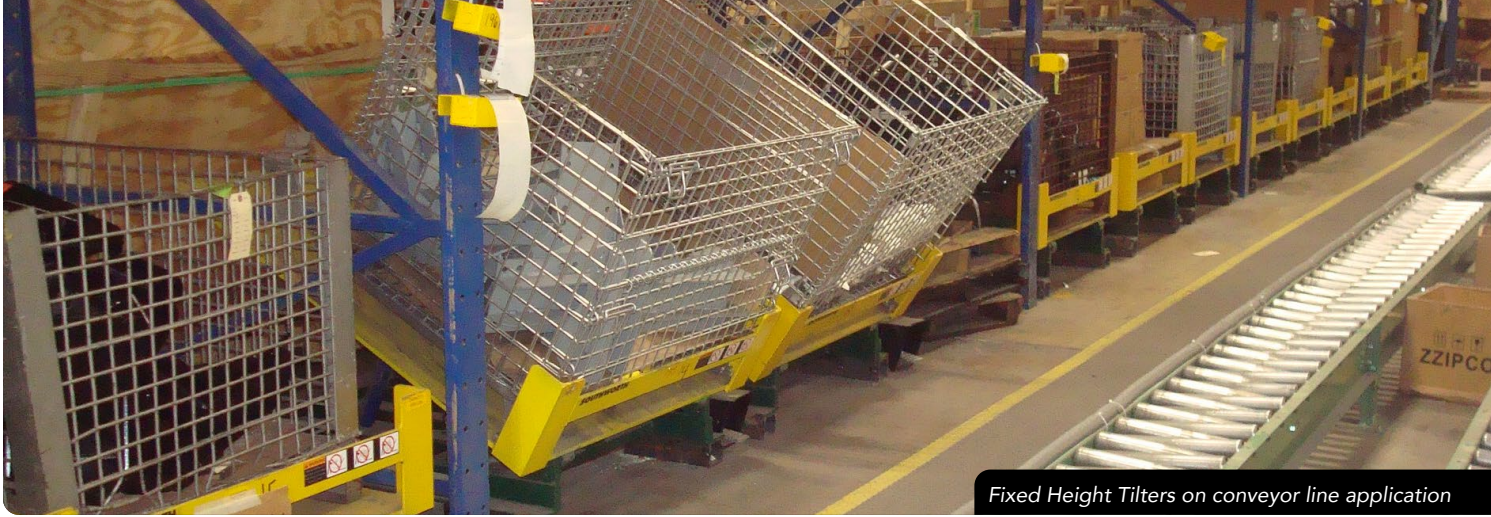
This comprehensive product line includes ergonomically designed container tilters, lift & tilt tables, and specialized equipment, such as the Gaylord Parcel Unloader. They're available in both fixed and portable configurations to meet a wide range of operational needs.

 **Work Positioning**

 **Load Transporting**

 **Container Access**





Fixed Height Tilters on conveyor line application



Portable Container Tilters

PTU and SPTU Models

Our most popular, versatile tilter. Choose AC or DC power.



Lift & Tilt Tables

UTB and GTA Models

For precise positioning of height and angle.



Pan-Style Container Tilters

ZTU Models

Hand pallet truck accessible, works with all containers.



Fixed Height Tilters

T and GTA Models

Tilt loads up to 85°. Choose hydraulic or pneumatic. Mount on floor, fixed height platform or lift.



Gaylord Parcel Unloader

GTU Model

Handles up to 500 lbs. Tilts up to 110° for gentle, controlled unloading.



Low-Profile Lift & Tilt

ZLS-T Models

Independent control of lift and tilt functions allow for versatile positioning.

Roll Handlers & Upenders

Ergonomic Solutions for Cylindrical Materials

Southworth roll handling and upender products offer advanced solutions for managing rolls and cylindrical materials in demanding industrial environments. These products, including upenders and tilters, are engineered to facilitate the precise movement and positioning of materials, reducing manual labor and enhancing safety.

If you need to tilt, rotate, or transport rolls, our solutions provide flexibility and reliability to optimize your material handling processes.

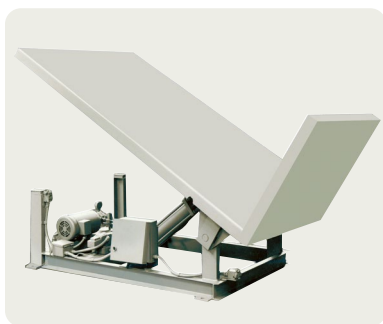
 **Work Positioning**

 **Container Access**





Upender application



Upenders

UP Models

Handles large pieces, flat sheets, and rolls up to 6000 lbs. Tilt up to 90°.



Tilt Down Tables

Lift and position heavy rolls and coiled materials.

Worker Platform Lifts

Custom Platforms for Worker Positioning

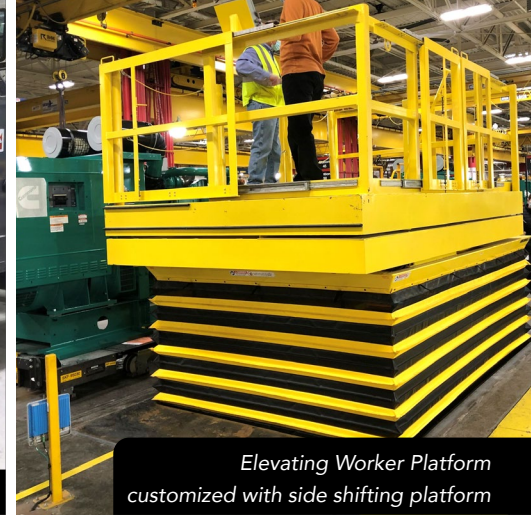
These platforms are custom configured and designed for assembly or maintenance operations requiring access to large structures or heavy equipment at various heights. They provide greater flexibility and safety than scaffolding or ladders, making them ideal for use as carousel lifts, and for accessing items in vertically stacked storage compartments.

Vertical Lifting

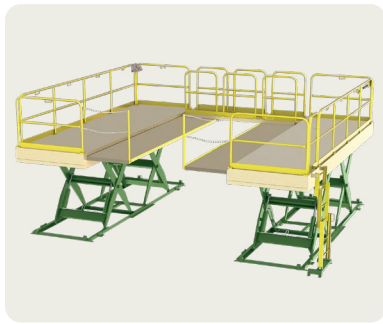




Elevating Worker Platform customized with stairs



Elevating Worker Platform customized with side shifting platform



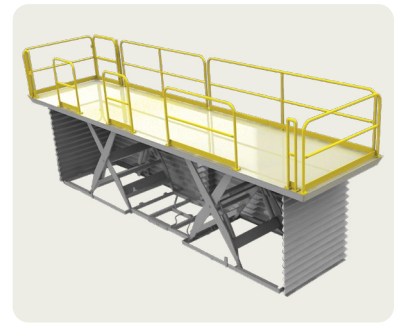
Manufacturing/Assembly Platforms

Provide safe, convenient access to large equipment at varying heights.



Elevating Platforms with Integrated Lift Stations

Main platform travels up/down to pick items. Lift stations adjust height for working with picked loads.



Carousel Access Platforms

Installed at horizontal carousels to provide access to items in higher storage locations.



Floor-to-Floor Lifts

Safe, convenient access to mezzanines or raised platforms.

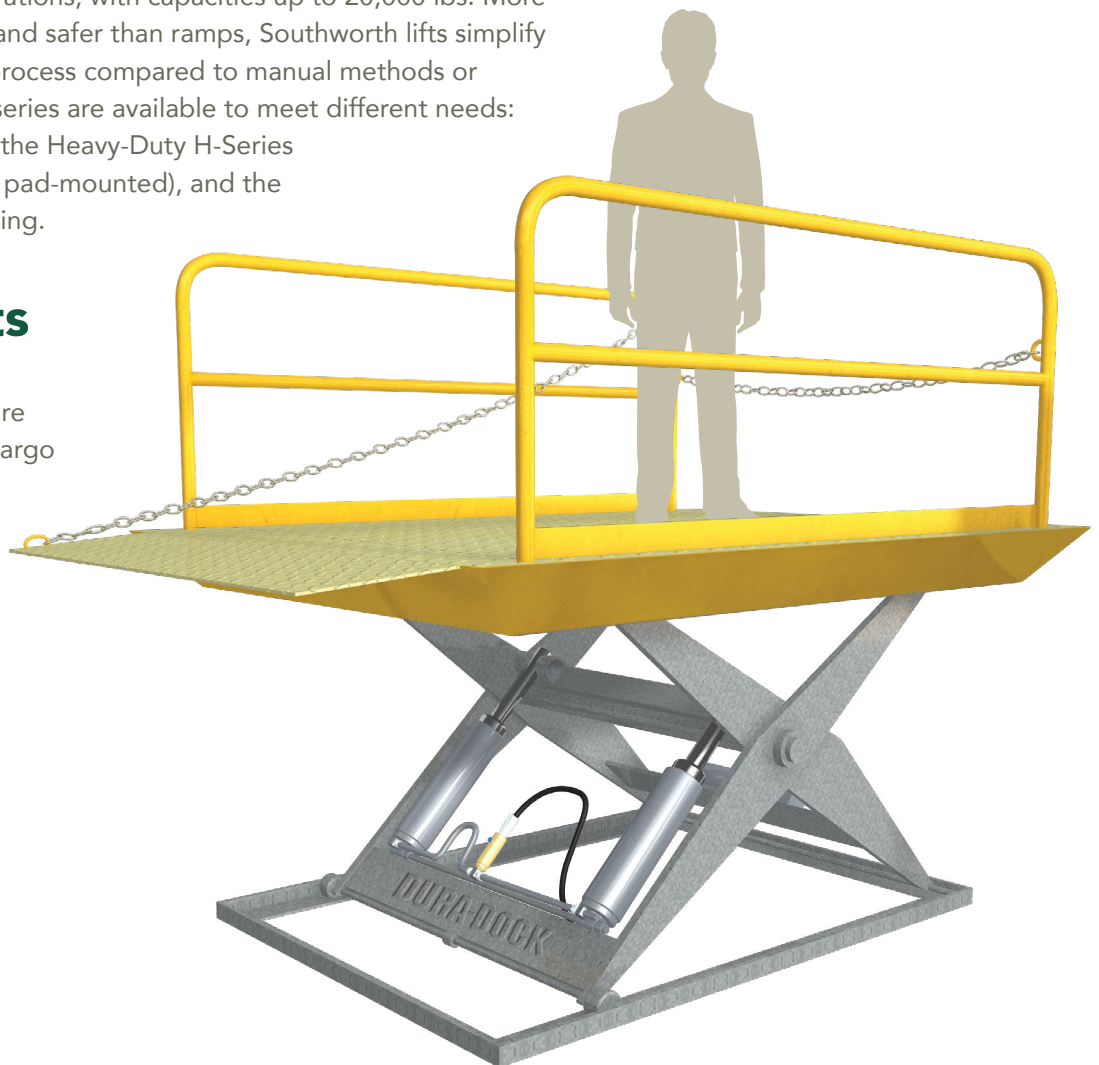
Loading Dock & Air Cargo Lifts

Loading Dock Lifts

Southworth Loading Dock Lifts offer a cost-effective alternative to traditional dock construction, enabling seamless operation from any truck bed level to grade level while handling unstable loads safely and efficiently. These hydraulic scissor lifts can be installed indoors or outdoors and are available in pit-mounted, pad-mounted, or surface-mounted configurations, with capacities up to 20,000 lbs. More versatile than dock levelers and safer than ramps, Southworth lifts simplify the loading and unloading process compared to manual methods or recessed truck wells. Three series are available to meet different needs: the Medium-Duty M-Series, the Heavy-Duty H-Series (both configurable as pit- or pad-mounted), and the SM-Series for surface mounting.

Air Cargo Lifts

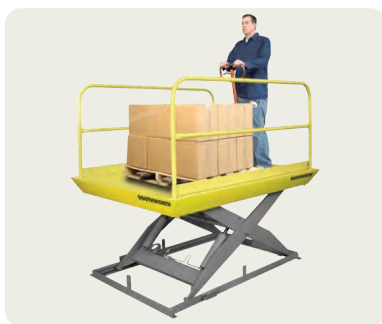
Southworth Air Cargo Lifts are tailored to handle large air cargo containers and Unit Load Devices (ULDs) at airports and distribution facilities.



 Vertical Lifting



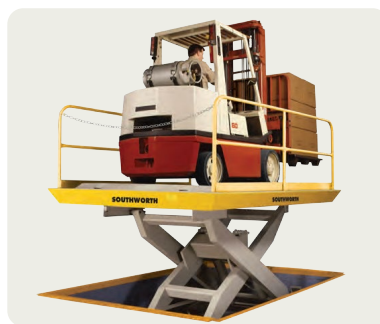
Air Cargo Lifts application



Medium-Duty Dock Lifts

DL and DDL Models

Access any truck or dock height. Available in 5,000, 6,000 and 8,000 pound capacities.



Heavy-Duty Dock Lifts

DL Models

Suitable for use with loads up to 20,000 lbs. Platform sizes up to 8' x 12' available.



Air Cargo Lifts

Inverted caster deck for easy handling of air cargo containers and Unit Load Devices (ULDs).

Engineered Solutions

Custom Lifting and Positioning Solutions

Southworth has designed, engineered, built, and installed lifts for most every industrial application. If we can't satisfy your requirements with a standard product, we have the ability to modify a lift or design a new one specifically for your needs.

The Southworth Advantage:

- ✓ Dedicated and experienced Engineering teams
- ✓ State-of-the-art 3D CAD system
- ✓ SolidWorks 3D models provided to customers as .stp file for use in system integration designs
- ✓ Products designed to meet your application requirements

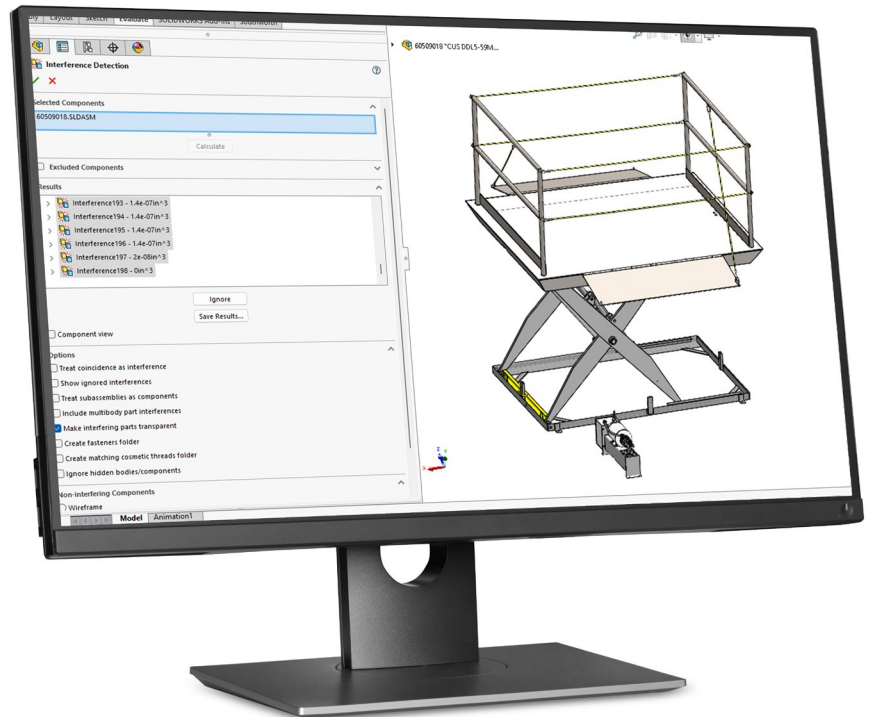
 Vertical Lifting

 Work Positioning

 Pallet Handling

 Load Transporting

 Container Access





Custom engineered Heavy Duty Scissor Lifts

Examples of engineered solutions



Heavy-Duty Coil Cars

Handle jumbo rolls and coils up to 140,000 lbs. Lighter-duty options (MLCC models) are also available.



Container Unloaders

Efficiently offloads items from a variety of containers.



Roll Handling Systems

Roll handlers, shaft pullers and transporters.

SOUTHWORTH®



ADVANCED
EQUIPMENT COMPANY

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