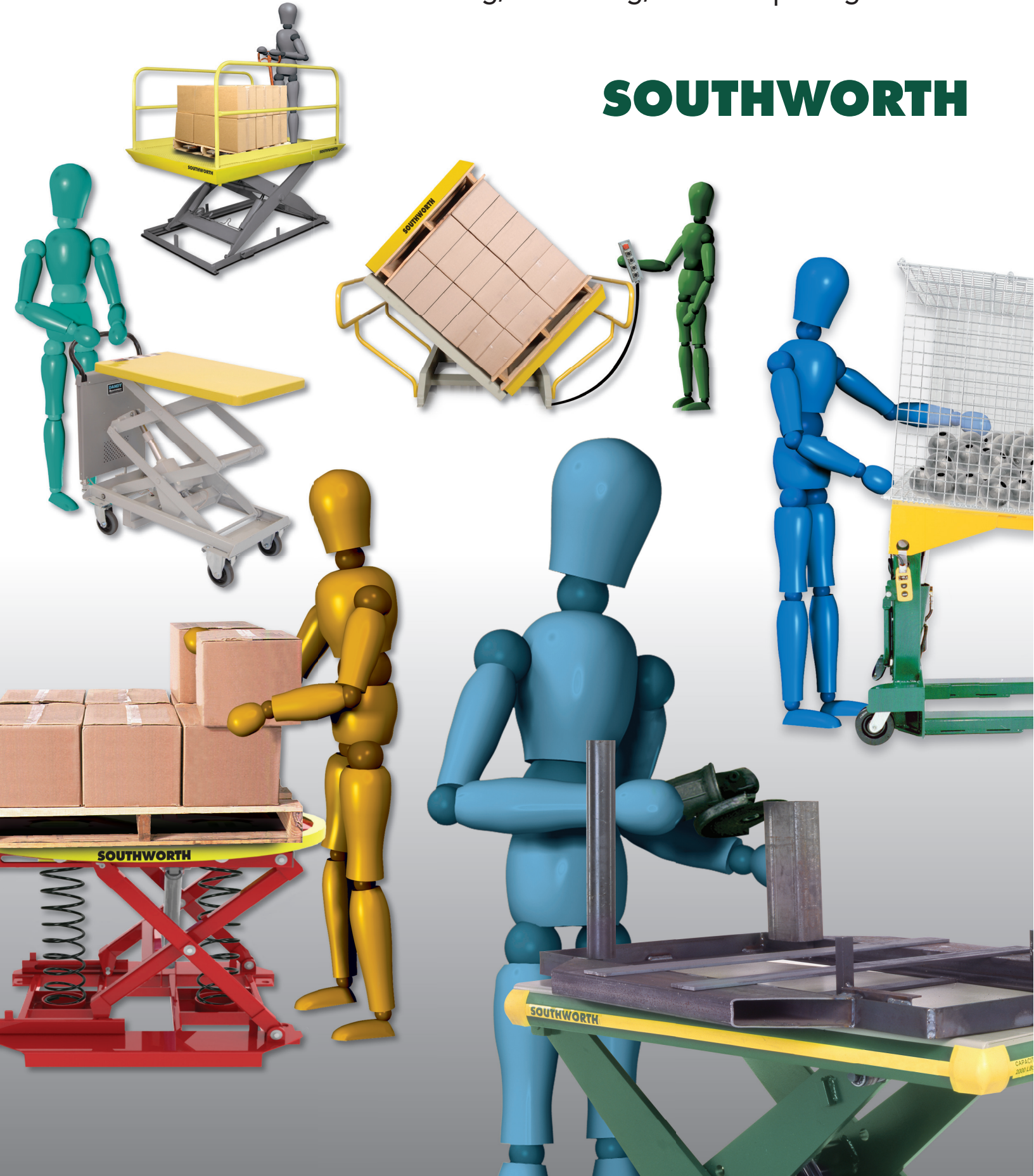


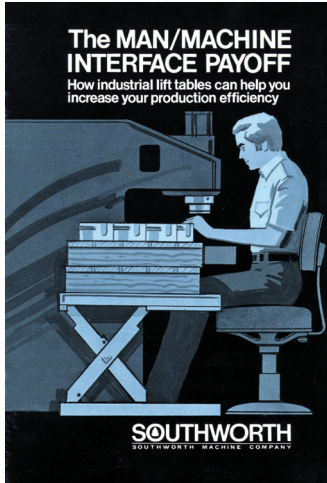
Making Work Faster, Safer, and Easier

with Lifting, Positioning, and Transporting Products

SOUTHWORTH



INCREASE WORKER PRODUCTIVITY AND PROFITS WITH IMPROVED ERGONOMICS

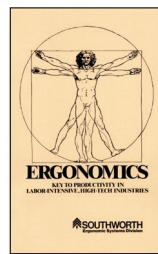


**THE MAN/MACHINE
INTERFACE PAYOFF**
Published 1972

When we began writing about Ergonomics 50 years ago, we were simply attempting to bring a more scientific perspective to a common sense issue. If you consider the capabilities and limitations of the worker in the design of the workplace, the worker will be more productive and that productivity contributes to profit.

At the time we had no idea that the topic of ergonomics would become so widely discussed, by so many people, in so many professions, with so many agendas. Despite all of the politics and hoopla, our view today is the same as it was decades ago. The practical application of ergonomic principles is a core business proposition. Yes, it is about reducing worker fatigue and the risk of worker injury, which are very worthwhile objectives. However, the real desired benefit driving factory or warehouse investment is increased productivity and an improved bottom line. That's what an investment in practical ergonomics produces and that is the point we have been making for decades.

Southworth® is proud to offer more products that improve productivity than any other materials handling company. The following pages have specific products and descriptions of how they can improve your company's bottom line. For more information please call us at 800-743-1000 or visit www.SouthworthProducts.com.



Southworth Products operates in full compliance with the laws, rules and regulations of the countries in which it operates. Southworth Products goods may not be sold, exported, re-exported, transferred or otherwise transported to any country or individuals for which the U.S. Government maintains any sanction, embargo, or conduct any activity that is contrary to U.S. Export Law.

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The Industry's Broadest and Most Comprehensive Line of Lifting and Positioning Equipment



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Lift Tables

Improve Productivity While Reducing the Risk of Worker Injury



Positioning the work is easier, safer, and much more productive than positioning the torsos of workers. The elimination of lifting, bending and reaching is made possible by vertical adjustment to an infinite number of positions within a lift's working range. The addition of various options can provide an added measure of improvement to specific applications.

There are literally hundreds of uses for lift tables in manufacturing, warehousing and distribution facilities. The addition of these inexpensive devices makes the work faster, safer, and easier.

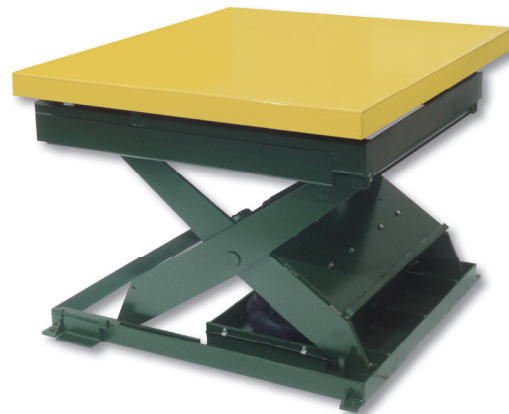
Some typical applications include: machine feeding and offloading; product assembly; inspection/quality control; repair; feeding and offloading conveyors; and bridging different conveyor levels. There are many other applications requiring heavier capacities, extreme load dimensions, and higher vertical travel.

Whatever the lift requirements, incorporating specification rich, high-quality Southworth lift tables always makes the work environment safer and more efficient.



Backsaver Lifts™

Over one million configurations available.



Pneumatic Lift Tables

For use anywhere shop air is available.





Backsaver Lite™ / Backsaver Compact

For lower capacity requirements 500 - 1500 lbs.



Heavy-Duty Lifts

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



Spacesaver Lifts™

Extended vertical travel.



Tandem Lifts

Extra long and extra wide platforms.



Low-Profile Lifts, Tilters, and Levelers

Load and Unload them with ordinary hand pallet trucks



Some lifts, levelers, and tilters require interface with carts, hand trucks, pallet jacks and other floor height transporters. Pit mounting is an excellent option but, often circumstances do not allow for pit mounting traditional lift tables. Fortunately, Southworth offers an extensive array of specialty lift tables designed to accommodate any type of transporter.

They include tables with:

- Roll-On accessibility
- Roll-Over accessibility
- Roll-In accessibility
- Roll-Up accessibility

For details, request our Low-Profile Lifts catalog.

Incorporating these special-use, low-profile devices into many applications provides all of the benefits of vertical positioning and lifting which makes workers more productive.



Pit Mounted Lift Table

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



Floor Height Lift Tables

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





LIFTMAT™ Lift Tables

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



LIFTMAT™ Lift Turntables

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



Roll-In™ Level Loader

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



Roll-on™ Level Loader

Hand pallet truck accessible. Turntable option available.



E-Z Reach™ Universal

Hand pallet truck accessible, works with all containers.



Mast Style Lifts

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



Portable Lifts

Effortlessly Lift and Move Objects in the Lab, Plant or Warehouse

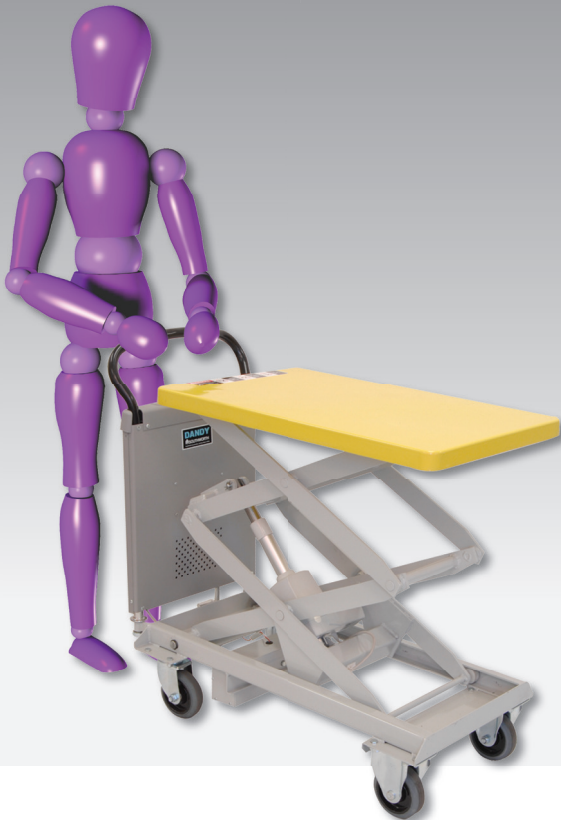
In virtually every plant, shop, stockroom, warehouse, or office there is a need to transport materials, equipment and supplies with a minimum of lifting. Employees risk injury by carrying loads from one location to another, or from lifting them from the floor to a workbench or shelf. Lifter/transporters combine two functions in one machine to do the job faster and safer.

Southworth's variety of transport equipment is designed to meet the widest range of application needs and includes:

- Practical and economical foot pump units
- Double scissor units to lift loads over 5'
- Mechanical units, ideal for clean environments
- Power drive units for long distance travel
- Fork platform models for handling pallets/skids

For more details, request our Dandy Lifts, Lift Table or Pallet Handling catalogs.

Sliding boxes off of pallets, workbenches, or shelves onto lifter/transporters eliminates lifting. Once loaded they move easily around the plant, even in tight spaces where a forklift could not go. Loads can then be vertically positioned for easy offloading. Workers are more productive, fatigue is reduced and the risk of injury is minimized.



Backsaver Lite™ Portable

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

Powered Dandy

Precise pushbutton powered lifting in a clean, compact unit.





Dandy™ Lift Lifter/Transporter

Manual lift units with foot pumps lift loads to just the right height. Capacities from 150 to 1,700 lbs.



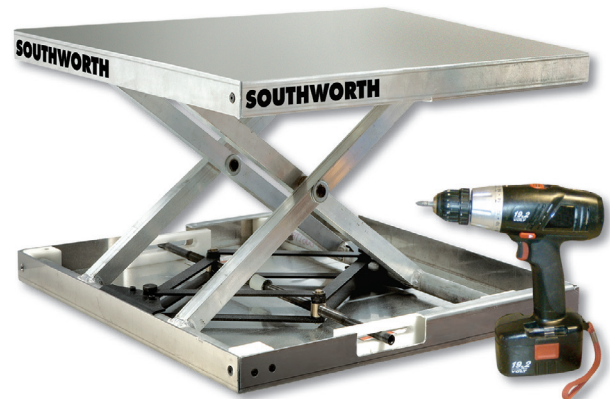
Dandy Leveler™

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



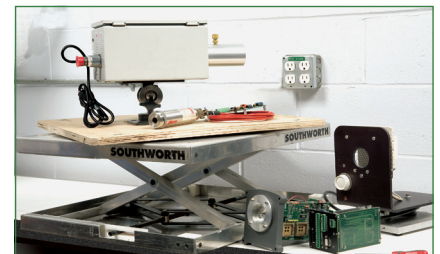
Pallet Transporters and Stackers

Lift, position and transport with a single unit. See Pallet Handling section for details.



Lift-Tool

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



Turntables

Make Standard Lifts Even More Productive by Improving Access to the Load

Turntables and lifts with integrated turntables make many common production, assembly, and packaging jobs faster, safer, and easier. Southworth offers a variety of turntable options to suit any requirement.

They include:

- Top mounted turntables that sit on top of lift tables or fixed height platforms
- Floor mounted turntables which are permanently fixed to the floor for dedicated operations
- Powered turntables that rotate 360° at the touch of a button
- Lifts with built-in turntables that sit flush to the lift platform
- Portable pallet turntables designed to rotate pallets for near side loading and unloading

Walking around loads on platforms, pallets or even directly on the floor presents a number of productivity and safety issues. Turntables allow workers complete 360° access to items while remaining in the same location. As a result, workers have better access to tools and work, improving the quality and productivity of their work.



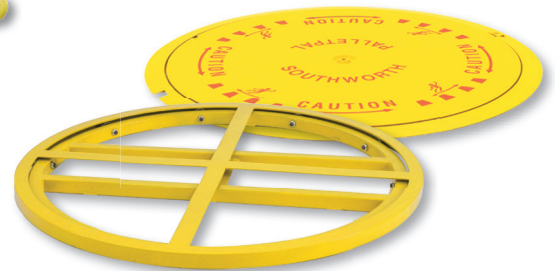
Powered Turntables

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



Non-Powered Turntables

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



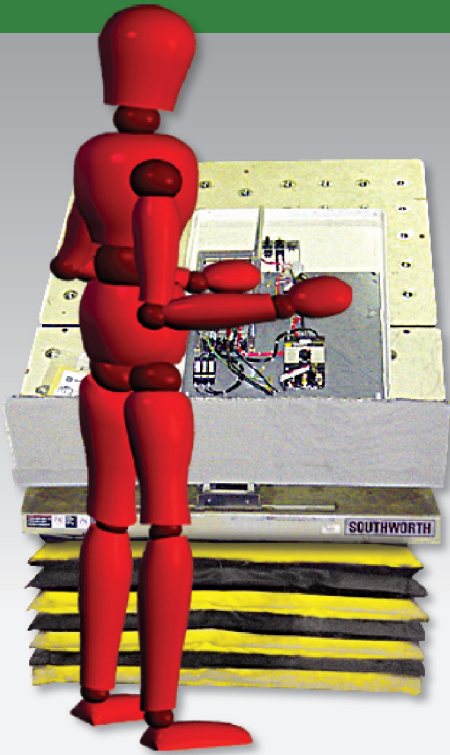
Pallet Turntables

Sit directly on the floor. Easily moved or relocated.



Custom Platforms & Finishes

Products Configured Specifically for the Application



Southworth offers custom lift table platforms designed to simplify feeding, off-loading, transferring, repositioning or reorienting work to the most comfortable position and angle. There are scores of available configurations. A few of the most common include:

- Tilt tops that position loads at any angle from 0° - 85°
- Moving tops via rollers, belt, or ball transfer for conveying or positioning work
- Special finishes and materials of construction for environmental, security or aesthetic circumstances

The addition of a custom platform or top to a standard lift table can have a dramatic effect on the bottom line. Whether used for getting work to and from the worker faster, or to reposition loads for maximum access and worker comfort, productivity gains are significant.



Better Angles

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



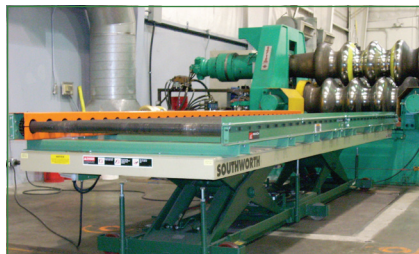
Better Flow

Transfer tops for assembly applications or moving loads between two levels.



Special Finishes

A variety of top materials, finishes and full construction for washdown and other special environments.



Pallet Handling

Load Pallets Quickly and Safely
Without Lifting, Stretching or Walking



More items are shipped on skids or pallets than all other packaging methods combined. Loading and unloading them is backbreaking, time consuming work. Southworth PalletPal® Products speed and simplify the process, safely increasing the amount of goods that can be shipped or received every day.

Over three decades ago, Southworth introduced the original PalletPal Level Loader for manual pallet loading and unloading. Since then, our pallet handling line has grown to include:

- Spring and air actuated units
- Roll-On and Roll-In units for use with hand pallet trucks
- Portable Turntables
- Mobile Levelers
- Pallet Stackers for storage access
- Pallet Inverters for load transfers

For more details, request our PalletPal catalog.

Maintaining a constant working height and nearside access allows workers to load and unload pallets quickly and easily, expending minimum effort while avoiding the risk of injury. Rotators eliminate nearly all manual restacking.



PalletPal® 360° Automatic Level Loaders

The automatic load levelers that started a revolution. Available in mechanical or pneumatic.



PalletPal® Pallet Inverters

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





Roll-on™ Level Loader

Hand pallet truck accessible. Workers raise or lower platform as layers are added or removed.



Roll-On™ with Turntable

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



PalletPal® Walkie

Spring Level Loader works with powered pallet trucks for order picking efficiency.



PalletPal® Mobile Leveler

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



PalletPal® Lift Truck

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



PalletPal® Disc Turntables

Rotate loads for nearside access. Hand pallet truck accessible.



Container Handling

Tilt Baskets for Access to Contents Without Bending, Reaching, or Stretching



Accessing parts in containers is one of the most significant productivity thieves in any manufacturing or assembly operation. Southworth container tilters improve productivity and safety by positioning baskets so that parts are easily accessible without bending, stretching, or reaching. Southworth offers more models and configurations of container tilters than any other manufacturer.

- Capacities up to 4,000 lbs
- AC or DC power
- Hand pallet truck accessibility
- Independent control of lift and tilt

For more details, request our Container Tilter Catalog.

In almost every case we've ever seen, production machines work faster than the people feeding them. Getting parts to machines faster not only increases worker productivity, it increases machine productivity, improving R.O.I. and shortening the amount of time it takes for production equipment to "pay for itself", while always improving the safety of the worker.



E-Z Reach™ Portable

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



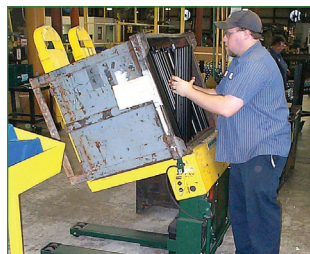
E-Z Reach™ Lift & Tilt

For precise positioning of height and angle.



E-Z Reach™ Universal

Hand pallet truck accessible, works with all containers.



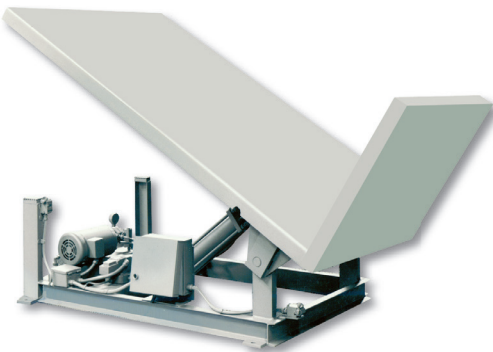
Tilting & Upending

Tilt Loads for Improved Access; Tilt or Reorient Rolls and Coils



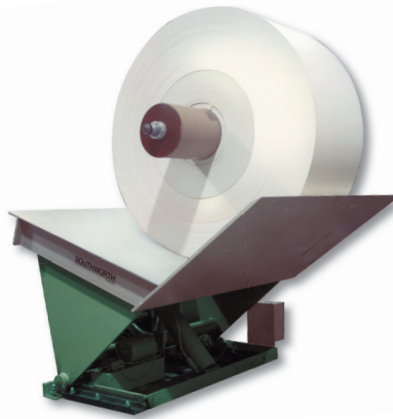
Tilters and upenders perform a variety of important tasks in all types of manufacturing and processing facilities. When large workpieces or assemblies need to be reorientated or positioned for better access, upenders fit the bill. For positioning large rolls of paper, film or foil, roll handling tables can be used to feed at one end of a line or take away at the other end. Southworth products are available in several configurations to suit the platform, tilt angle and capacity requirements of any application.

Reorienting work or material between horizontal and vertical positions should only be attempted with equipment that truly secures the load. Otherwise, there is a risk of time consuming production bottlenecks as well as an increased risk of injury. By incorporating tilters or upenders into the process, work flows quickly, smoothly and safely.



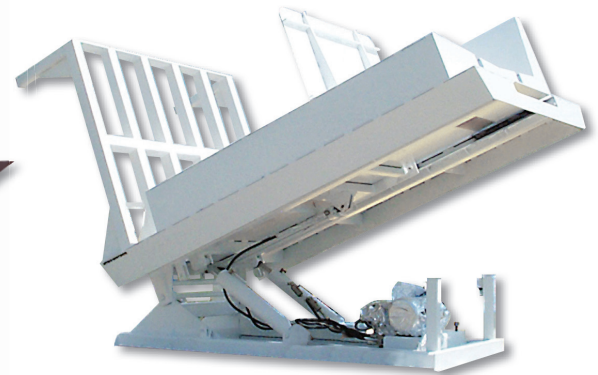
Upenders

Reorient heavy loads 90°.



Roll Handling Tables

Lift and position heavy rolls.



Customized Upender

A custom designed upending device used for appliance assembly.



Worker Platforms

Position Workers Without the Risks or Hassles of Ladders and Scaffolding

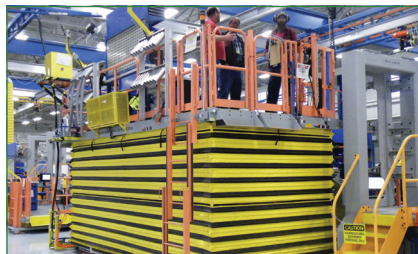
For assembly or maintenance operations where large structures, such as aircraft or heavy equipment, must be accessed at elevated or varying heights, Southworth offers custom configured lifts that can be designed or retrofitted into most operations. More flexible and safer than scaffolding or ladders, these worker platforms are also appropriate for stock picking from vertically stacked compartments of storage carousels or rack systems.

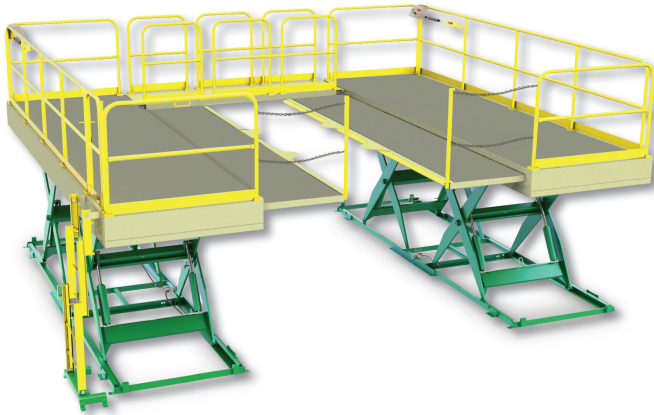
With the industry's longest history and greatest experience, we offer stable lifts in stationary or movable configurations in a multitude of platform sizes and lifting ranges, working with the customer to accommodate budgetary limitations as well as unique, application-specific requirements.

Avoiding the risks of ladders and the hassles of scaffolding while gaining the speed, flexibility and security of a powered platform creates a more productive and safer work environment.

Options include:

- Indexed positioning
- Slide-out ramps and bridges
- Fixed or adjustable gates and hand rails
- Custom deck treatments
- Custom controls





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.



Facility Lifts

Facility Lifts for Stand-Alone or Integrated Systems



In addition to work positioning lifts, Southworth manufactures a full line of facility lifts. As stand-alone units or as part of an integrated material flow system, these products simplify the task of getting items into and out of the building, as well as accessing storage and inventory areas.

- Dock Lifts provide access between trucks with varying bed heights and loading docks or to grade level
- Air Cargo Lifts designed to meet the specific challenges of handling large air cargo containers and unit load devices (ULDs) at airports and offsite distribution facilities
- Maintenance lifts move production equipment between floors for service, or can bring the service equipment up and down as required

The up and down movement requirements in facilities are endless and Southworth equipment provides opportunities to improve production flow and worker safety in any facility.



Medium-Duty Dock Lifts

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



Heavy-Duty Dock Lifts

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

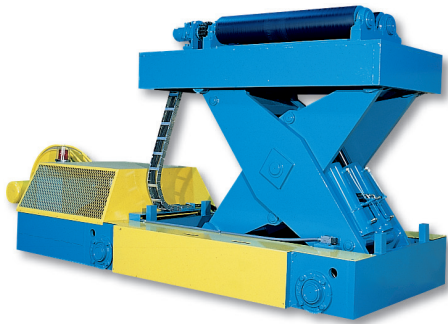
Custom Lifting and Positioning Equipment for Dedicated Applications



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

Southworth has more engineers and a longer history than any other lift table manufacturer. When an application is encountered that requires custom equipment, they work closely with the user to make sure the best possible solution is used. Although there isn't much they haven't seen, they remain dedicated to a philosophy of innovation and accommodation.

- Years of engineering knowledge
- State-of-the-art 3D CADD system
- SolidWorks 3D models provided to customers as .stp file for use in system integration designs
- Complete coordination to your application



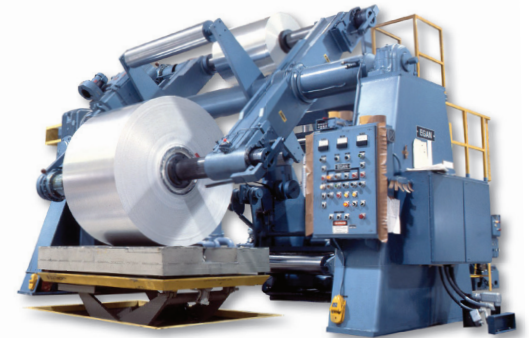
Coil Cars

Handle jumbo rolls and coils up to 140,000 lbs.



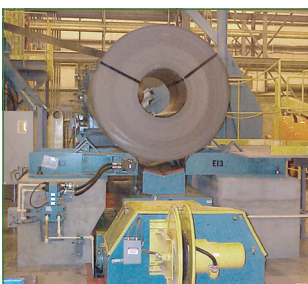
Container Unloaders

For automatic unloading of a variety of containers.



Roll Handling Systems

Roll handlers, shaft pullers and transporters.



Providing Easy, Fast, and Guaranteed Service

Factory Trained Distributors Make Selection Easy

Southworth Distributors are the industry's best trained. They can identify trouble spots and help you to correct workplace problems that are robbing you of productivity and exposing you and your workers to the dangers and multiple costs of injuries.



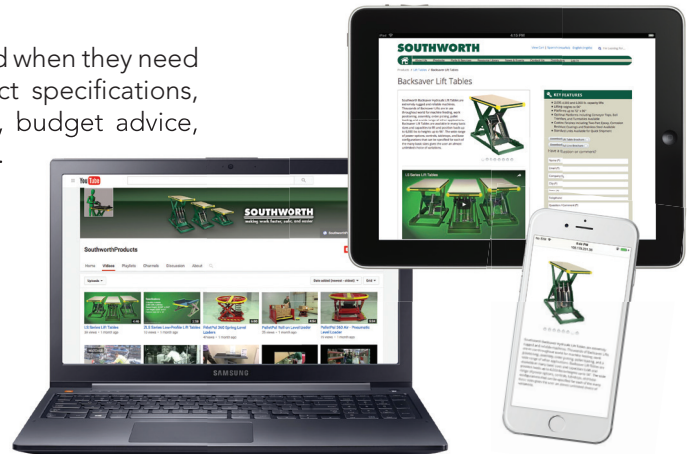
Information is as Fast as a Click

In order to provide customers with the information they need when they need it, Southworth has a comprehensive website with product specifications, state-of-the-art application guides, an application gallery, budget advice, purchase options and helpful after sale service information.

Visit us at www.SouthworthProducts.com

Our YouTube channel is loaded with informative demonstration and product overview videos for many of our most popular products. New videos are being added on a regular basis, so visit often.

Visit us at www.Youtube.com/southworthproducts



A Tradition of Innovation and Manufacturing Excellence Delivering the Right Products at the Right Time

For over 130 years, Southworth has been designing and building products that increase worker and machine productivity. During this long history, Southworth has become the driving force behind the development and design of more lifting, positioning, and transporting equipment than any other company in the world. This dedication to innovation is matched by our commitment to manufacturing excellence.



All With the Best Guarantee in the Business

Not only do the products ship with the strongest warranty, but Southworth has established an extensive service network to protect your investment for years. From selection to delivery to installation and field support, every step of your Southworth experience is guaranteed.



SOUTHWORTH

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