

# Lift Tables

- Hydraulic & Pneumatic
- Floor Level / Roll-On
- Heavy-Duty / High Capacity
- Tandem Wide & Long
- Extended Vertical Lift
- Portable & Powered Traverse
- Popular Options & Accessories
- Custom Engineered Lift Solutions



Now featuring

**SWIFT**  
**LIFT**™ Quick Ship Lift Tables



**SOUTHWORTH**  
making work faster, safer, and easier since 1890

Southworth is the world's leading supplier of vertical movement and positioning equipment with the broadest product lines, largest inventory of stock models, most flexible range of modification, most experienced custom designers and the industry's leading innovator.

Our lift table line is the broadest in the industry. It includes:

- Standard Duty Lift Tables
- Lite Duty Lift Tables
- Portable Lift Tables
- Hand Pallet Truck Accessible Lifts
- Palletizing Lifts
- Tilting Lift Tables
- Coil and Roll Handling Lifts
- Tandem Lifts
- Extended Vertical Travel Lifts
- Extreme High Capacity Lifts



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## The World's Best Vertical Work Positioners Shipped in Three Weeks or Less!



### PRICE

Best Value  
Lowest Ownership Cost



### QUALITY

Best Performance  
Best Warranty



### AVAILABILITY

What You Need  
When You Need It

Our SwiftLift™ initiative employs modern engineering, materials planning and manufacturing technology to drastically reduce production lead times **allowing us to ship many products in one week or less!** But SwiftLift is much more than just a stocking program. It puts lift tables, palletizers, container tilters, portable lifts and more into three availability categories. So now you can create thousands of pre-engineered equipment configurations as well as some custom variations for shipment in an industry best three weeks or less.

**Stock** - Ships in One Week or Less - More than 50 configurations of Lift Table, Container Tilter, Pallet Level Loader, and Portable Lift Models.

**Modified** - Ships in Two Weeks or Less - Includes several popular options plus any platform size up to 72" x 96".

**Modified+** - Ships in Three Weeks or Less - Virtually unlimited configurations including the addition of any standard option and even light customization.

Look for this logo with product families that are part of the SwiftLift program. Many models are available for quick shipment



# Quality Features For Reliability and Long Life



## Contoured Legs

With extra width at the pivot point, Southworth's contoured legs combine great strength with lower collapsed height.



## Lubricated-for-Life Bushings

All pivot points have hardened pins that operate in lubricated-for-life, virtually maintenance-free bushings.



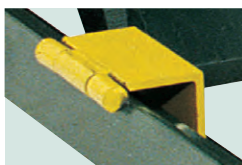
## Heavy-Duty Hoses

All Southworth lifts have heavy-duty hoses with burst strength 600% greater than the hydraulic operating pressure.



## Oversize, Low-Pressure Hydraulic Cylinders

Low operating pressure extends the life of hydraulic components. Chrome-plated piston rods are corrosion resistant, and cylinder walls are honed.



## Built-In Safety Chock

Prevents accidental lowering of table during maintenance.

Southworth Scissors Lifts are designed and manufactured to meet or exceed ANSI MH29.1 Safety Requirements for Industrial Scissors Lifts.



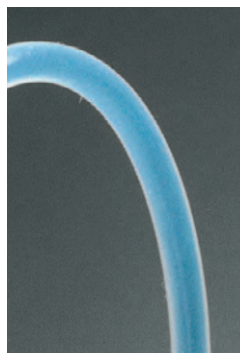
## Comfort Edge Design

No sharp corners on table top. Bright safety yellow stripe for high visibility.



## Heavy-Duty Torque Tubes

Torque tubes minimize platform twisting and deflection for high degree of rigidity and stability.



## Tell-Tale Return Hydraulic Fluid Line

Clear plastic return line from cylinder rod bearing to tank gives visual indication of need to repack cylinder and prevents fluid spillage in the event of a bypass.



## Adjustable Flow Control

Pressure compensated flow control valve with lock out. Preset and locked at 10 F.P.M. maximum lowering speed per ANSI Standard, MH29.1 where applicable.



## Wear Indicating Rollers and Roller Retainers

Rollers are captured in the base by means of retainers to prevent accidental separation or misalignment. All oversized width tabletops also include an upper set of retainers.

# Backsaver® Lifts and Backsaver Lite Lifts

## LS Series Backsaver® Lifts

Southworth Backsaver® Lifts are extremely rugged and reliable machines. Thousands of Backsaver Lifts are in use throughout the United States for machine feeding, work positioning, assembly, order picking, pallet loading, and a wide range of other applications. They are available in many basic sizes and configurations with capacities up to 6,000 lbs and lift heights up to 56". The wide range of power options, controls, tabletops, and base configurations that can be specified for each of the many basic sizes gives the user an almost unlimited choice of variations.



LS Series Backsaver Lifts

## Backsaver Lite Lifts



These industrial grade lift tables are specifically designed for those applications involving lighter loads of up to 1,500 lbs. They are available in four standard configurations: Stationary, Compact with high lift and small footprint, Portable with easy rolling casters, and Powered Portable with battery powered drive.



CLL Series  
Portable Lifts



Compact Lifts  
LS05 / LS1



LL Series  
Lite Lifts

| SwiftLift                                      | Model No.  | Capacity<br>(Lbs.) | Vertical<br>Travel<br>(Inches) | Height<br>Min.<br>(Inches) | Height<br>Max.<br>(Inches) | Standard<br>Platform<br>(Inches) | Maximum<br>Platform*<br>(Inches) | Elevating<br>Time<br>(Seconds) | HP  | Standard<br>Voltage |
|--|------------|--------------------|--------------------------------|----------------------------|----------------------------|----------------------------------|----------------------------------|--------------------------------|-----|---------------------|
| <b>LL &amp; LS Series Backsaver Lite Lifts</b> |            |                    |                                |                            |                            |                                  |                                  |                                |     |                     |
|  | LL05.5-26  | 550                | 26                             | 5½                         | 31½                        | 20 x 36                          | 36 x 60                          | 9                              | ½   | 115/1/60            |
| ■  | LL1.1-26   | 1100               | 26                             | 5½                         | 31½                        | 20 x 36                          | 36 x 60                          | 21                             | ½   | 115/1/60            |
| ■  | LL1.5-35   | 1500               | 35                             | 6¼                         | 41¼                        | 24 x 48                          | 36 x 60                          | 32                             | ½   | 115/1/60            |
|  | CLL05.5-26 | 550                | 26                             | 9                          | 35                         | 24 x 40                          | 30 x 48                          | 7                              | ½   | 12 volt DC          |
|  | CLL1.1-26  | 1100               | 26                             | 9                          | 35                         | 24 x 40                          | 30 x 48                          | 13                             | ½   | 12 volt DC          |
|  | LS05-30    | 500                | 30                             | 6                          | 36                         | 12 x 24                          | 12 x 24                          | 20                             | ½   | 115/1/60            |
|  | LS05-30W   | 500                | 30                             | 6                          | 36                         | 16 x 24                          | 24 x 36                          | 20                             | ½   | 115/1/60            |
|  | LS1-30     | 1000               | 30                             | 6                          | 36                         | 16 x 24                          | 24 x 36                          | 20                             | ½   | 115/1/60            |
| <b>LS Series Backsaver Lifts</b>               |            |                    |                                |                            |                            |                                  |                                  |                                |     |                     |
| ■  | LS2-24     | 2000               | 24                             | 6¼                         | 30¾                        | 24 x 36                          | 48 x 60                          | 14                             | 1   | 115/1/60            |
| ■  | LS4-24     | 4000               | 24                             | 6¼                         | 30¾                        | 24 x 36                          | 48 x 60                          | 28                             | 1   | 115/1/60            |
|  | LS6-24     | 6000               | 24                             | 7¼                         | 31¾                        | 24 x 36                          | 48 x 60                          | 44                             | 1   | 115/1/60            |
| ■  | LS2-36     | 2000               | 36                             | 6¼                         | 42¾                        | 24 x 48                          | 48 x 72                          | 21                             | 1   | 115/1/60            |
| ■  | LS4-36     | 4000               | 36                             | 6¼                         | 42¾                        | 24 x 48                          | 48 x 72                          | 42                             | 1   | 115/1/60            |
| ■  | LS6-36     | 6000               | 36                             | 7¼                         | 43¾                        | 24 x 48                          | 48 x 72                          | 22                             | 3.2 | 460/3/60            |
| ■  | LS2-48     | 2000               | 48                             | 8                          | 56                         | 24 x 66                          | 48 x 96                          | 9                              | 3.2 | 460/3/60            |
| ■  | LS4-48     | 4000               | 48                             | 8                          | 56                         | 24 x 66                          | 48 x 96                          | 18                             | 3.2 | 460/3/60            |
|  | LS6-48     | 6000               | 48                             | 8                          | 56                         | 24 x 66                          | 48 x 96                          | 27                             | 3.2 | 460/3/60            |
|  | LS2-24W    | 2000               | 24                             | 6¼                         | 30¾                        | 36 x 36                          | 60 x 60                          | 14                             | 1   | 115/1/60            |
|  | LS4-24W    | 4000               | 24                             | 6¼                         | 30¾                        | 36 x 36                          | 60 x 60                          | 28                             | 1   | 115/1/60            |
|  | LS6-24W    | 6000               | 24                             | 7¼                         | 31¾                        | 36 x 36                          | 60 x 60                          | 44                             | 1   | 115/1/60            |
|  | LS2-36W    | 2000               | 36                             | 6¼                         | 42¾                        | 36 x 48                          | 60 x 72                          | 21                             | 1   | 115/1/60            |
|  | LS4-36W    | 4000               | 36                             | 6¼                         | 42¾                        | 36 x 48                          | 60 x 72                          | 42                             | 1   | 115/1/60            |
|  | LS6-36W    | 6000               | 36                             | 7¼                         | 43¾                        | 36 x 48                          | 60 x 72                          | 22                             | 3.2 | 460/3/60            |
|  | LS2-48W    | 2000               | 48                             | 8                          | 56                         | 48 x 66                          | 72 x 96                          | 9                              | 3.2 | 460/3/60            |
|  | LS4-48W    | 4000               | 48                             | 8                          | 56                         | 48 x 66                          | 72 x 96                          | 18                             | 3.2 | 460/3/60            |
|  | LS6-48W    | 6000               | 48                             | 8                          | 56                         | 48 x 66                          | 72 x 96                          | 27                             | 3.2 | 460/3/60            |

Lifts with 3.2 HP three-phase power units available with 1 HP single-phase power units. Rise time increases by a multiplier of 3.3.

### LS Series Plus Lifts

For applications that require additional capacity or larger platforms, LS Series Plus lifts are the perfect choice. They can be supplied with capacities up to 12,000 lbs. and platforms as large as 60" x 156".

### LS Series Wide Base Lifts

For even larger platforms up to 8 feet wide, choose an LS Series Wide Base Lift.



| Model No.                        | Capacity (Lbs.) | Vertical Travel (Inches) | Height Min. (Inches) | Height Max. (Inches) | Standard Platform (Inches) | Maximum Platform* (Inches) | Elevating Time (Seconds) | HP  | Standard Voltage |
|----------------------------------|-----------------|--------------------------|----------------------|----------------------|----------------------------|----------------------------|--------------------------|-----|------------------|
| <b>LS Series Plus Lifts</b>      |                 |                          |                      |                      |                            |                            |                          |     |                  |
| LS8-36                           | 8000            | 36                       | 9                    | 45                   | 30 x 60                    | 54 x 84                    | 21                       | 3.2 | 460/3/60         |
| LS10-36                          | 10000           | 36                       | 10                   | 46                   | 30 x 60                    | 54 x 84                    | 28                       | 3.2 | 460/3/60         |
| LS12-36                          | 12000           | 36                       | 10                   | 46                   | 30 x 60                    | 54 x 84                    | 28                       | 3.2 | 460/3/60         |
| LS3-42                           | 3000            | 42                       | 6½                   | 48½                  | 24 x 56                    | 48 x 84                    | 49                       | 1   | 460/3/60         |
| LS5-42                           | 5000            | 42                       | 7                    | 49                   | 24 x 56                    | 48 x 84                    | 74                       | 1   | 460/3/60         |
| LS8-48                           | 8000            | 48                       | 9                    | 57                   | 24 x 66                    | 48 x 96                    | 30                       | 3.2 | 460/3/60         |
| LS2-60                           | 2000            | 60                       | 10                   | 70                   | 24 x 86                    | 48 x 120                   | 10                       | 3.2 | 460/3/60         |
| LS4-60                           | 4000            | 60                       | 10                   | 70                   | 24 x 86                    | 48 x 120                   | 20                       | 3.2 | 460/3/60         |
| LS5-60                           | 5000            | 60                       | 8                    | 68                   | 24 x 86                    | 48 x 120                   | 29                       | 3.2 | 460/3/60         |
| LS6-60                           | 6000            | 60                       | 10                   | 70                   | 24 x 86                    | 48 x 120                   | 30                       | 3.2 | 460/3/60         |
| LS8-60                           | 8000            | 60                       | 10                   | 70                   | 24 x 86                    | 48 x 120                   | 42                       | 3.2 | 460/3/60         |
| LS2-72                           | 2000            | 72                       | 10                   | 82                   | 30 x 102                   | 60 x 132                   | 19                       | 3.2 | 460/3/60         |
| LS4-72                           | 4000            | 72                       | 10                   | 82                   | 30 x 102                   | 60 x 132                   | 38                       | 3.2 | 460/3/60         |
| LS6-72                           | 6000            | 72                       | 12                   | 84                   | 30 x 102                   | 60 x 132                   | 41                       | 3.2 | 460/3/60         |
| LS2-84                           | 2000            | 84                       | 10                   | 94                   | 30 x 120                   | 60 x 156                   | 26                       | 3.2 | 460/3/60         |
| LS4-84                           | 4000            | 84                       | 10                   | 94                   | 30 x 120                   | 60 x 156                   | 52                       | 3.2 | 460/3/60         |
| LS6-84                           | 6000            | 84                       | 14                   | 98                   | 30 x 120                   | 60 x 156                   | 56                       | 3.2 | 460/3/60         |
| <b>LS Series Wide Base Lifts</b> |                 |                          |                      |                      |                            |                            |                          |     |                  |
| LS8-36W                          | 8000            | 36                       | 9                    | 45                   | 42 x 60                    | 66 x 84                    | 21                       | 3.2 | 460/3/60         |
| LS10-36W                         | 10000           | 36                       | 10                   | 46                   | 42 x 60                    | 66 x 84                    | 28                       | 3.2 | 460/3/60         |
| LS12-36W                         | 12000           | 36                       | 10                   | 46                   | 42 x 60                    | 66 x 84                    | 28                       | 3.2 | 460/3/60         |
| LS3-42W                          | 3000            | 42                       | 6½                   | 48½                  | 42 x 56                    | 66 x 84                    | 49                       | 1   | 460/3/60         |
| LS5-42W                          | 5000            | 42                       | 7                    | 49                   | 42 x 56                    | 66 x 84                    | 74                       | 1   | 460/3/60         |
| LS8-48W                          | 8000            | 48                       | 9                    | 57                   | 48 x 66                    | 72 x 96                    | 30                       | 3.2 | 460/3/60         |
| LS2-60W                          | 2000            | 60                       | 10                   | 70                   | 54 x 86                    | 84 x 120                   | 20                       | 3.2 | 460/3/60         |
| LS4-60W                          | 4000            | 60                       | 10                   | 70                   | 54 x 86                    | 84 x 120                   | 20                       | 3.2 | 460/3/60         |
| LS5-60W                          | 5000            | 60                       | 8                    | 68                   | 54 x 86                    | 84 x 120                   | 29                       | 3.2 | 460/3/60         |
| LS6-60W                          | 6000            | 60                       | 10                   | 70                   | 54 x 86                    | 84 x 120                   | 30                       | 3.2 | 460/3/60         |
| LS8-60W                          | 8000            | 60                       | 10                   | 70                   | 54 x 86                    | 84 x 120                   | 42                       | 3.2 | 460/3/60         |
| LS2-72W                          | 2000            | 72                       | 10                   | 82                   | 60 x 102                   | 96 x 132                   | 24                       | 3.2 | 460/3/60         |
| LS4-72W                          | 4000            | 72                       | 10                   | 82                   | 60 x 102                   | 96 x 132                   | 38                       | 3.2 | 460/3/60         |
| LS6-72W                          | 6000            | 72                       | 12                   | 84                   | 60 x 102                   | 96 x 132                   | 41                       | 3.2 | 460/3/60         |
| LS2-84W                          | 2000            | 84                       | 10                   | 94                   | 60 x 120                   | 96 x 156                   | 35                       | 3.2 | 460/3/60         |
| LS4-84W                          | 4000            | 84                       | 10                   | 94                   | 60 x 120                   | 96 x 156                   | 52                       | 3.2 | 460/3/60         |
| LS6-84W                          | 6000            | 84                       | 14                   | 98                   | 60 x 120                   | 96 x 156                   | 56                       | 3.2 | 460/3/60         |

Lifts with 3.2 HP three-phase power units available with 1 HP single-phase power units. Rise time increases by a multiplier of 3.3.

# Heavy-Duty DL Series Lifts, L Series Cam Lifts and

## DL Series Lifts

These heavy-duty lifts are ideal for cargo handling and lifting heavy industrial loads. Built-in hydraulic overload relief protects personnel and structures. Heavy-plate platforms with structural reinforcement minimize deflection while the wide base provides increased rigidity and stability.

## L Series CAM Lifts

Exclusive CAM design provides maximum capacities (up to 30,000 lbs.) with minimum height clearances.



DL Series Lifts



DL Series - Pit Mounted



L Series CAM Lifts

## DL Series Heavy-Duty Lifts

| Model No. | Capacity (Lbs.) | Vertical Travel (Inches) | Height Min. (Inches) | Height Max. (Inches) | Standard Platform (Inches) | Maximum Platform* (Inches) | Top Plate Thickness | Elevating Time (Seconds) | HP  | Standard Voltage | Approx. Shipping Weight/Lbs. (std. platform) |
|-----------|-----------------|--------------------------|----------------------|----------------------|----------------------------|----------------------------|---------------------|--------------------------|-----|------------------|--|
| DL20-36   | 20000           | 36                       | 16                   | 52                   | 60 x 76                    | 96 x 108                   | ½                   | 56                       | 3.2 | 460/3/60         | 4000   |
| DL10-48   | 10000           | 48                       | 13¼                  | 61¼                  | 47 x 76                    | 84 x 108                   | ¾                   | 56                       | 3.2 | 460/3/60         | 3300   |
| DL15-48   | 15000           | 48                       | 14¼                  | 62¼                  | 60 x 76                    | 96 x 108                   | ½                   | 62                       | 3.2 | 460/3/60         | 4000   |
| DL25-48   | 25000           | 48                       | 16                   | 64                   | 60 x 76                    | 96 x 108                   | ½                   | 85                       | 3.2 | 460/3/60         | 4800   |
| DL10-60   | 10000           | 60                       | 16                   | 76                   | 60 x 102                   | 96 x 144                   | ¾                   | 48                       | 3.2 | 460/3/60         | 4800   |
| DL12-60   | 12000           | 60                       | 16                   | 76                   | 60 x 102                   | 96 x 144                   | ¾                   | 52                       | 3.2 | 460/3/60         | 5100   |
| DL16-60   | 16000           | 60                       | 16                   | 76                   | 60 x 102                   | 96 x 144                   | ½                   | 72                       | 3.2 | 460/3/60         | 5300   |
| DL20-60   | 20000           | 60                       | 22                   | 82                   | 60 x 120                   | 96 x 144                   | ½                   | 86                       | 3.2 | 460/3/60         | 6800   |
| DL25-60   | 25000           | 60                       | 26                   | 86                   | 72 x 144                   | 108 x 180                  | ½                   | 105                      | 3.2 | 460/3/60         | 10500  |
| DL20-72   | 20000           | 72                       | 22                   | 94                   | 72 x 144                   | 108 x 180                  | ½                   | 112                      | 3.2 | 460/3/60         | 9700   |
| DL4-84    | 4000            | 84                       | 12                   | 96                   | 60 x 120                   | 96 x 156                   | ¾                   | 45                       | 3.2 | 460/3/60         | 4200   |
| DL6-84    | 6000            | 84                       | 16                   | 100                  | 60 x 120                   | 96 x 156                   | ¾                   | 48                       | 3.2 | 460/3/60         | 5000   |
| DL10-84   | 10000           | 84                       | 16                   | 100                  | 60 x 120                   | 96 x 156                   | ¾                   | 88                       | 3.2 | 460/3/60         | 5800   |

## L Series CAM Lifts

| Model No. | Capacity (Lbs.) | Vertical Travel (Inches) | Height Min. (Inches) | Height Max. (Inches) | Standard Platform (Inches) | Maximum Platform (Inches) | Frame Size (Inches) | Elevating Time (Seconds) | HP  | Standard Voltage | Approx. Shipping Weight/Lbs. (std. platform) |
|-----------|-----------------|--------------------------|----------------------|----------------------|----------------------------|---------------------------|---------------------|--------------------------|-----|------------------|--|
| L8-36     | 8000            | 36                       | 7¾                   | 43¾                  | 30 x 60                    | 48 x 78                   | 28¾ x 60            | 21                       | 3.2 | 460/3/60         | 1360   |
| L10-36    | 10000           | 36                       | 9                    | 45                   | 32 x 60                    | 54 x 78                   | 30¾ x 60            | 31                       | 3.2 | 460/3/60         | 1800   |
| L15-36    | 15000           | 36                       | 9¾                   | 45¾                  | 36 x 72                    | 60 x 90                   | 34¾ x 70¾           | 50                       | 3.2 | 460/3/60         | 2900   |
| L20-36    | 20000           | 36                       | 10¾                  | 46¾                  | 36 x 72                    | 60 x 90                   | 34¾ x 70¾           | 50                       | 3.2 | 460/3/60         | 3300   |
| L30-36    | 30000           | 36                       | 11¾                  | 47¾                  | 43 x 72                    | 72 x 96                   | 41 x 70¾            | 56                       | 5.0 | 460/3/60         | 4400   |

# Tandem Lifts – Long and Wide Base

## Tandem Lifts

LST Tandem lifts provide level rise for long loads such as lumber, pipes, sheets, bar stock, and assemblies. These lifts are typically used as feeding tables for tube welders, formers, and panel saws as well as for bundling and banding bar stock, lumber, and other materials.

Tandem design allows the combination of high capacity and low collapsed height to support loads up to 7' x 17'. They are available in extra long and extra wide configurations.



LST Series Tandem - Wide



LST Series Tandem - Long



LST Series Tandem - Conveyor Top

## LST Series Tandem Lifts

| Model No. | Capacity<br>(Lbs.) | Vertical<br>Travel<br>(Inches) | Height           |                  | Standard<br>Platform<br>(Inches) | Maximum<br>Platform<br>(Inches) | Elevating<br>Time<br>(Seconds) | HP  | Standard<br>Voltage | Approx.<br>Shipping<br>Weight/Lbs.<br>(std. platform) |
|-----------|--------------------|--------------------------------|------------------|------------------|----------------------------------|---------------------------------|--------------------------------|-----|---------------------|---|
|           |                    |                                | Min.<br>(Inches) | Max.<br>(Inches) |                                  |                                 |                                |     |                     |   |
| LST 4-36  | 4000               | 36                             | 6¾               | 42¾              | 24 x 96                          | 48 x 120                        | 42                             | 1   | 115/1/60            | 1150  |
| LST 8-36  | 8000               | 36                             | 6¾               | 42¾              | 24 x 96                          | 48 x 120                        | 84                             | 1   | 115/1/60            | 1250  |
| LST 12-36 | 12000              | 36                             | 7¼               | 43¾              | 24 x 96                          | 48 x 120                        | 44                             | 3.2 | 460/3/60            | 1400  |
| LST 4-48  | 4000               | 48                             | 8                | 56               | 24 x 132                         | 48 x 168                        | 18                             | 3.2 | 460/3/60            | 1850  |
| LST 8-48  | 8000               | 48                             | 8                | 56               | 24 x 132                         | 48 x 168                        | 36                             | 3.2 | 460/3/60            | 1950  |
| LST 12-48 | 12000              | 48                             | 8                | 56               | 24 x 132                         | 48 x 168                        | 54                             | 3.2 | 460/3/60            | 2050  |
| LST 4-60  | 4000               | 60                             | 10               | 70               | 24 x 172                         | 48 x 204                        | 20                             | 3.2 | 460/3/60            | 2550  |
| LST 8-60  | 8000               | 60                             | 10               | 70               | 24 x 172                         | 48 x 204                        | 40                             | 3.2 | 460/3/60            | 2700  |
| LST 10-60 | 10000              | 60                             | 8                | 68               | 24 x 172                         | 48 x 204                        | 58                             | 3.2 | 460/3/60            | 2850  |
| LST 12-60 | 12000              | 60                             | 10               | 70               | 24 x 172                         | 48 x 204                        | 60                             | 3.2 | 460/3/60            | 2850  |

## LST Series Wide Base Lifts

| Model No.  | Capacity<br>(Lbs.) | Vertical<br>Travel<br>(Inches) | Height           |                  | Standard<br>Platform<br>(Inches) | Maximum<br>Platform<br>(Inches) | Elevating<br>Time<br>(Seconds) | HP  | Standard<br>Voltage | Approx.<br>Shipping<br>Weight/Lbs.<br>(std. platform) |
|------------|--------------------|--------------------------------|------------------|------------------|----------------------------------|---------------------------------|--------------------------------|-----|---------------------|---|
|            |                    |                                | Min.<br>(Inches) | Max.<br>(Inches) |                                  |                                 |                                |     |                     |   |
| LST 4-36W  | 4000               | 36                             | 6¾               | 42¾              | 36 x 96                          | 60 x 120                        | 42                             | 1.0 | 115/1/60            | 1350  |
| LST 8-36W  | 8000               | 36                             | 6¾               | 42¾              | 36 x 96                          | 60 x 120                        | 84                             | 1.0 | 115/1/60            | 1450  |
| LST 12-36W | 12000              | 36                             | 7¼               | 43¾              | 36 x 96                          | 60 x 120                        | 44                             | 3.2 | 460/3/60            | 1600  |
| LST 4-48W  | 4000               | 48                             | 8                | 56               | 48 x 132                         | 72 x 168                        | 18                             | 3.2 | 460/3/60            | 2250  |
| LST 8-48W  | 8000               | 48                             | 8                | 56               | 48 x 132                         | 72 x 168                        | 36                             | 3.2 | 460/3/60            | 2350  |
| LST 12-48W | 12000              | 48                             | 8                | 56               | 48 x 132                         | 72 x 168                        | 54                             | 3.2 | 460/3/60            | 2450  |
| LST 4-60W  | 4000               | 60                             | 10               | 70               | 54 x 172                         | 84 x 204                        | 40                             | 3.2 | 460/3/60            | 3250  |
| LST 8-60W  | 8000               | 60                             | 10               | 70               | 54 x 172                         | 84 x 204                        | 40                             | 3.2 | 460/3/60            | 3400  |
| LST 10-60W | 10000              | 60                             | 8                | 68               | 54 x 172                         | 84 x 204                        | 58                             | 3.2 | 460/3/60            | 3550  |
| LST 12-60W | 12000              | 60                             | 10               | 70               | 54 x 172                         | 84 x 204                        | 60                             | 3.2 | 460/3/60            | 3550  |

Lifts with 3.2 HP three-phase power units available with 1 HP single-phase power units. Rise time increases by a multiplier of 3.3. The listings above represent Southworth's most popular tandem lift arrangements, however, practically any lift models can be tandemized end to end or side by side - Consult Factory.

# Spacesaver® High Rise Lifts and Personnel Lifts

## Spacesaver® Lifts

LSH Spacesaver® lifts can be used as personnel work platforms, as cargo lifts, between levels as mezzanine lifts, and for positioning test apparatus or tools. These lifts are available with vertical travel up to 12 feet. Capacities range from 1,000 to 12,000 pounds.



LSH Series High Rise Lift



LSH Series Modified use as Personnel Lift

## LSH Series Spacesaver High Rise Lifts

| Model No.  | Capacity (Lbs.) | Vertical Travel (Inches) | Height Min. (Inches) | Height Max. (Inches) | Standard Platform (Inches) | Maximum Platform (Inches) | Elevating Time (Seconds) | HP  | Standard Voltage | Approx. Shipping Weight/Lbs. (std. platform) |
|------------|-----------------|--------------------------|----------------------|----------------------|----------------------------|---------------------------|--------------------------|-----|------------------|--|
| LSH 1-36   | 1500            | 36                       | 10                   | 46                   | 24 x 32                    | 36 x 48                   | 16                       | 1.0 | 115/1/60         | 600  |
| LSH 1-48   | 1000            | 48                       | 9½                   | 57½                  | 24 x 40                    | 36 x 54                   | 21                       | 1.0 | 115/1/60         | 750  |
| LSH 2-48   | 2000            | 48                       | 9½                   | 57½                  | 24 x 40                    | 36 x 54                   | 42                       | 1.0 | 115/1/60         | 800  |
| LSH 4-48   | 4000            | 48                       | 12                   | 60                   | 30 x 42                    | 48 x 60                   | 16                       | 3.2 | 460/3/60         | 1250   |
| LSH 6-48   | 6000            | 48                       | 14                   | 62                   | 32 x 42**                  | 48 x 60                   | 35                       | 3.2 | 460/3/60         | 1300   |
| LSH 1-60   | 1000            | 60                       | 10½                  | 70½                  | 24 x 48                    | 36 x 60                   | 27                       | 1.0 | 115/1/60         | 750  |
| LSH 2-64   | 2500            | 64                       | 12½                  | 76½                  | 24 x 53                    | 42 x 66                   | 16                       | 3.2 | 460/3/60         | 1100   |
| LSH 5-60   | 5000            | 60                       | 14                   | 74                   | 30 x 53                    | 48 x 66                   | 30                       | 3.2 | 460/3/60         | 1800   |
| LSH 8-60   | 8000            | 60                       | 14                   | 74                   | 30 x 54                    | 48 x 66                   | 43                       | 3.2 | 460/3/60         | 1900   |
| LSH 12-60  | 12000           | 60                       | 18                   | 78                   | 36 x 67                    | 60 x 84                   | 95                       | 3.2 | 460/3/60         | 3200   |
| LSH 1-72   | 1500            | 72                       | 12½                  | 84½                  | 20 x 53                    | 36 x 66                   | 58                       | 1.0 | 115/1/60         | 900  |
| LSH 2-72   | 2000            | 72                       | 12¾                  | 84¾                  | 20 x 53                    | 36 x 66                   | 75                       | 1.0 | 115/1/60         | 950  |
| LSH 5-72   | 5000            | 72                       | 14                   | 86                   | 32 x 57**                  | 54 x 72                   | 36                       | 3.2 | 460/3/60         | 2000   |
| LSH 2-84   | 2000            | 84                       | 17                   | 101                  | 33 x 69                    | 60 x 90                   | 29                       | 3.2 | 460/3/60         | 1900   |
| LSH 4-84   | 4000            | 84                       | 17                   | 101                  | 33 x 69                    | 60 x 90                   | 34                       | 3.2 | 460/3/60         | 2200   |
| LSH 6-84   | 6000            | 84                       | 17                   | 101                  | 33 x 69                    | 60 x 90                   | 62                       | 3.2 | 460/3/60         | 2350   |
| LSH 1-96†* | 1000            | 96                       | 17¼                  | 113¼                 | 24 x 53                    | 42 x 66                   | 17                       | 3.2 | 460/3/60         | 1600   |
| LSH 3-96   | 3000            | 96                       | 17                   | 113                  | 36 x 77                    | 60 x 108                  | 50                       | 3.2 | 460/3/60         | 3000   |
| LSH 5-96   | 5000            | 96                       | 17                   | 113                  | 36 x 77                    | 60 x 108                  | 64                       | 3.2 | 460/3/60         | 3500   |
| LSH 10-96  | 10000           | 96                       | 20                   | 116                  | 36 x 77                    | 60 x 108                  | 102                      | 3.2 | 460/3/60         | 4500   |
| LSH 2-114  | 2000            | 114                      | 17                   | 131                  | 33 x 88                    | 60 x 108                  | 36                       | 3.2 | 460/3/60         | 3400   |
| LSH 5-120* | 5000            | 120                      | 24                   | 144                  | 44 x 69***                 | 72 x 96                   | 102                      | 3.2 | 460/3/60         | 4800   |
| LSH 3-128  | 3000            | 128                      | 21                   | 149                  | 42 x 96                    | 72 x 120                  | 48                       | 3.2 | 460/3/60         | 3400   |
| LSH 6-128  | 6000            | 128                      | 21                   | 149                  | 42 x 96                    | 72 x 120                  | 80                       | 3.2 | 460/3/60         | 3500   |
| LSH 2-144* | 2000            | 144                      | 24                   | 168                  | 42 x 77                    | 72 x 108                  | 68                       | 3.2 | 460/3/60         | 4350   |
| LSH 4-144* | 4000            | 144                      | 24                   | 168                  | 42 x 77                    | 72 x 108                  | 136                      | 3.2 | 460/3/60         | 4500   |
| LSH 5-144  | 5000            | 144                      | 21                   | 165                  | 42 x 108                   | 72 x 144                  | 125                      | 3.2 | 460/3/60         | 4000   |

† 1¼" Lateral motion

\*Three sets of legs—All others have two

\*\* Base frame width 30

\*\*\*Base frame width 42

# Pneumatic, Floor Height & Palletizing Lifts

## Pneumatic Lifts

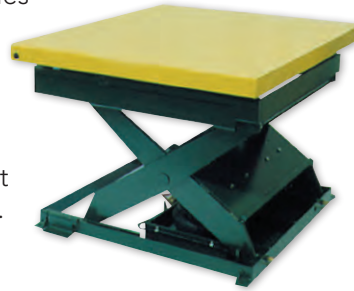
For use anywhere that shop air is available. Capacities up to 4,000 pounds. No hydraulic fluid means no risk of contaminants in the production process.

## Floor Height Lifts

These lifts lower to floor height or near floor height so that they can be fed and offloaded by hand pallet trucks. Capacities range from 2,000 to 6,000 pounds.

## Lifts for Palletizing

Southworth manufactures a wide variety of Lift Tables for use in palletizing applications including LiftMat and Roll-In Lifts. See our Pallet Handling Brochure for a complete selection.



Pneumatic Lift



ZLS Floor Height Lift



LiftMat Low-Profile Lift



LiftMat with Turntable



Roll-In Palletizing Lift

## Pneumatic Lifts

| Model No. | Capacity (Lbs.) | Vertical Travel (Inches) | Low Height (Inches) | Raised Height (Inches) | Standard Platform (Inches) | Maximum Platform (Inches) | Elevating Time (Seconds) | Air (PSI) Free Air | Approx. Shipping Weight/Lbs. (std. platform) |
|-----------|-----------------|--------------------------|---------------------|------------------------|----------------------------|---------------------------|--------------------------|--------------------|--|
| LSA2-24   | 2000            | 24                       | 8                   | 32                     | 36 x 48                    | 48 x 60                   | 15 (empty)               | 80 psi/15 cfm      | 650  |
| LSA4-24   | 4000            | 24                       | 8                   | 32                     | 48 x 48                    | 60 x 60                   | 15 (empty)               | 80 psi/15 cfm      | 800  |

## ZLS Series Floor Height Lift Tables

| SwiftLift | Model No. | Capacity (Lbs.) | Vertical Travel (Inches) | Overall Width (Inches) | Inside Width (Inches) | Platform Length (Inches) | Side Height (Inches) | Deck Thickness (Inches) | Standard Platform (Inches) | Elevating Time (Seconds) | HP | Standard Voltage | Approx. Shipping Weight/Lbs. (std. platform) |
|-----------|-----------|-----------------|--------------------------|------------------------|-----------------------|--------------------------|----------------------|-------------------------|----------------------------|--------------------------|----|------------------|--|
| ■         | ZLS2-35   | 2000            | 35                       | 49 - 67½               | 32-50                 | 48                       | 7½                   | ¾                       | 50 x 48                    | 45                       | 1  | 115/1/60         | 1425   |
| ■         | ZLS4-35   | 4000            | 35                       | 49 - 67½               | 32-50                 | 48                       | 7½                   | ¾                       | 50 x 48                    | 48                       | 1  | 115/1/60         | 1440   |
|           | ZLS6-34   | 6000            | 34                       | 53 - 71½               | 32-50                 | 48                       | 8½                   | ½                       | 50 x 48                    | 63                       | 1  | 115/1/60         | 1865   |

## LiftMat Series Low-Profile Lift Tables

| Model No. | Capacity (Lbs.) | Vertical Travel (Inches) | Low Height (Inches) | Raised Height (Inches) | Standard Platform (Inches) | Maximum Platform (Inches) | Elevating Time (Seconds) | HP | Standard Voltage | Approx. Shipping Weight/Lbs. (std. platform) |
|-----------|-----------------|--------------------------|---------------------|------------------------|----------------------------|---------------------------|--------------------------|----|------------------|--|
| LM2.2-28  | 2200            | 28¾                      | 3¾                  | 31½                    | 24 x 66                    | 48 x 96                   | 20                       | 1  | 115/1/60         | 600  |

## LiftMat Series Low-Profile Lift Tables with Built-in Turntable

| Model No.   | Capacity (Lbs.) | Vertical Travel (Inches) | Low Height (Inches) | Raised Height (Inches) | Standard Platform (Inches) | Maximum Platform (Inches) | Elevating Time (Seconds) | HP | Standard Voltage | Approx. Shipping Weight/Lbs. (std. platform) |
|-------------|-----------------|--------------------------|---------------------|------------------------|----------------------------|---------------------------|--------------------------|----|------------------|--|
| LM2.2-28 TT | 1950            | 28¾                      | 4¾                  | 32½                    | 48 x 60                    | 48 x 96                   | 20                       | 1  | 115/1/60         | 700  |

## Roll-In Lifts

| Model No.     | Capacity (Lbs.) | Vertical Travel (Inches) | Low Height (Inches) | Raised Height (Inches) | Platform Size (Inches) | Elevating Time (Seconds) | Motor (HP) | Standard Voltage | Approx. Shipping Weight/Lbs. |
|---------------|-----------------|--------------------------|---------------------|------------------------|------------------------|--------------------------|------------|------------------|------------------------------|
| ROLL-E 2.2-28 | 2200            | 28¾                      | 3¾                  | 31½                    | 49 x 57½               | 22                       | 1.0        | 115/1/60         | 700                          |
| ROLL-U 2.2-28 | 2200            | 28¾                      | 3¾                  | 31½                    | 49 x 57½               | 22                       | 1.0        | 115/1/60         | 700                          |

## Popular Lift Table Options and Accessories

When you purchase a Southworth Lift Table, you get exactly what you want, without any compromise.

Southworth's standard line of lift tables offer well over one million different configurations that meet the vast majority of application needs. In addition, the wide range of options and accessories shown in this brochure allow you to specify tables that precisely meet your lifting and positioning needs.

Your Southworth distributor will be happy to assist you in selecting options and accessories to meet your specific application.



### One Touch/Auto Level

Raise or lower the lift a preset increment at the touch of a button. User Programmable.



### Toe Sensing Edge

Sensor automatically reverses lowering motion on contact.



### Flush Mount Turntables

Are only 3/16" higher than the surrounding platform. Turntable can rotationally locked when the lift is in the full down position.



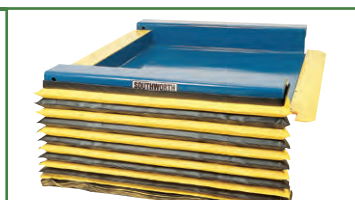
### Wheels and Casters

For a variety of portability requirements including powered and semi-live portable to suit any environment.



### Bellows Skirting

Cover mechanism between platform and base. Protects vital lift or tilter components from damage caused by debris.



















## Popular Lift Table Options for:









- Control
- Safety
- Convenience
- Portability
- Machine Protection









## Hydraulic/Actuation Options

|   |   |   |  |   |  |   |   |
|---|---|---|--|---|--|---|---|
|  | <b>Larger Power Units*</b><br>Higher horsepower motors and hydraulics used to increase travel speed.  |  | <b>Manual Hand or Foot Pump Actuation</b><br>Lever type hand pump or foot pedal pump for use when manual actuation or precise positioning is required. |  | <b>Minimum Downdrift Valving*</b><br>Near positive shut-off valving for use where platform must maintain position for extended periods of time.  |  | <b>Continuous Duty Power Units*</b><br>Specially designed power units with motors capable of many motor starts per hour.                                      |
|  | <b>Air Motor Driven Power Units</b><br>For use where electrical actuation is undesirable and shop air is available; meets explosion proof requirements. |  | <b>Cross Check Valving*</b><br>Locks oil in cylinders to eliminate deflection caused by oil transfer. Used in certain side loading applications.       |  | <b>Continuous Running Power Units*</b><br>Heavy-duty power units with special cooling features. Power unit runs continuously, and valves are actuated to activate lift. For extreme high cycles. |  | <b>Screw Jack*</b><br>Lift is actuated by gear motor driven worm or ball screw. For more precise, repetitive positioning or where hydraulics are not desired. |
|  | <b>DC Power Units</b><br>Direct current power units for use with battery power.   |  | <b>Power Units Full JIC Style</b><br>Continuous running power unit built to JIC specifications.  |  | <b>Double Acting Cylinders*</b><br>For special applications where it is necessary to provide both power up and power down.   |  | <b>Hot and Cold Temperature Hydraulic Packaging</b><br>Special sealing and hydraulic fluids for use in hot or cold atmospheres.                               |
|  | <b>External Power Unit*</b><br>Power unit is connected to lift only by hydraulic hoses.   |  | <b>No Coast Valving*</b><br>Fast acting hydraulic valving, which decreases upward coast, for use where more precise positioning is desired.            |  | <b>Air Bag Actuation</b><br>Inflatable air bag provides limited travel lift actuation. Used where electrical power is not desirable or where only two positions are required.                    |  | <b>Velocity Fuse(s)/Excess Flow Protectors</b><br>Hydraulic control prevents table free fall in the unlikely event of massive hydraulic failure.              |







## Electronic Control Options

|   |  |   |   |   |   |   |  |
|---|--|---|---|---|---|---|--|
|  | <b>Wall Mounted Push Button</b><br>Permanent wall mounted controls for use where a fixed operating station is desirable. |  | <b>Maintained Contact Controls</b><br>Up/down/emergency stop push button control which stops travel automatically at preset level. (Control button does not have to be held.) |  | <b>Special NEMA Rated Electrical Packages*</b><br>A variety of electrical packages designed to meet NEMA standards for outdoor, explosion proof, and other installation requirements. |  | <b>Electrical Travel Limit Switch(es)</b><br>Stops travel, provides height positioning, and can activate other equipment. Use with mechanical stop for fixed lowered height. |
|  | <b>Automatic Leveling Package</b><br>Optical sensing control positions table and stops travel at any preset height.      |  | <b>Electrical Quick Disconnect</b><br>Quick disconnect plugs for use with portable or frequently relocated lifts.   |  | <b>Visual or Audible Signals</b><br>Lights or bells used to warn personnel when lift is in operation.   |  | <b>One-Touch Auto Leveling</b><br>Increase productivity in repositioning applications. Raise or lower lifts a specific increment at the touch of a button                    |

















## Mechanical Options

|   |   |   |   |
|---|---|---|---|
|  | <b>Narrow Base</b><br>Reduced width base to fit special needs. Must be lagged for stability.  |  | <b>Lifting Eyes</b><br>Steel eye bolts allow table to be lifted with hoist. Frequently used in pit mounted applications for ease of installation and maintenance.                         |
|  | <b>Wide Base</b><br>Increased width base provides extra stability for wider loads.  |  | <b>Lag Plates</b><br>Permanently attached plates or angles with bolt holes for lagging tables to floor.   |
|  | <b>Sub Bases</b><br>Extra base unit increases low height of standard designs. Provides a positive stop at predetermined down level. |  | <b>Increased Roll Over Capacity</b><br>Structural strengthening of table support for use in pit installations where trucks or transporters traverse the platform in its lowered position. |

## Portability and Transport Options

|   |   |   |   |
|---|---|---|---|
|  | <b>Semi-Live Portable</b><br>Wheels at one end of base and pull plate at the other, plus wheeled jack handle. Used only for moving table to a new position, not for load transport. |  | <b>Flanged Wheels</b><br>Steel wheels with flange for use with flat or rail track to provide unidirectional horizontal movement.                            |
|  | <b>Powered Traverse</b><br>Hydraulic motor drives two wheels on a single shaft via a chain and sprocket.  |  | <b>Casters</b><br>A variety of casters, mounting arrangements, and floor locks is available for use where full portability and maneuverability are desired. |
|  | <b>Vee Groove Wheels</b><br>Steel wheels with groove for use with inverted angle or Vee track to provide unidirectional horizontal movement.  |  | <b>Push Bar</b><br>Hand height bar to facilitate manual movement of wheeled or castered portable units.   |

## Platform Options

|   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|--|
|  | <b>Manual or Powered Turntables</b><br>Bearing mounted and supported turntables for rotating or positioning loads of work.  |  | <b>Vee Cradle Platform</b><br>Vee shaped platform provides centering and secure handling of cylindrical loads, such as rolls.                         |  | <b>End-Shifting Platform</b><br>Manual or powered platform end-shift used to align loads with other handling systems or operating equipment.                              |  | <b>Gravity or Powered Conveyor Tops</b><br>Roller conveyor tops for integration with other handling equipment or systems.  |
|  | <b>Tilting Tops</b><br>30°, 45°, and 90° tilting platforms for better positioning of certain loads.   |  | <b>Fork Pockets</b><br>Structural fork pockets allow entire unit to be lifted and moved by fork truck.  |  | <b>Ball Transfer Top</b><br>Fixed or retractable ball conveyors for omnidirectional movement of load on platform.   |  | <b>Throw-Over Plates</b><br>Hinged plates used to provide a bridge between the platform surface and an adjacent fixed height surface.                                    |
|  | <b>Access Plate</b><br>Removable or hinged plate in platform surface allows access to power unit and hydraulics when lift is in lowered position.                                 |  | <b>Stainless Steel Platform</b><br>Corrosion and damage resistant surface for use with corrosive materials or where frequent wash down is required.   |  | <b>Fixed and Removable Handrails with Snap Chain</b><br>For applications involving personnel lifting. Removable rails allow access from any side when lift is not in use. |  | <b>Bellows Accordion Skirting</b><br>Single-ply stitched polyester skirting covers mechanism between platform and base. Also available as boots to cover cylinders only. |
|  | <b>Anti-skid Platform Surfaces</b><br>Diamond tread platform surface or abrasive type paint provide better traction for powered vehicles and reduce danger of personnel slipping. |  | <b>Counterweighted Wheel Chock</b><br>Recessed in table top. Automatically engages as lift raises and prevents vehicle from rolling in set direction. |  | <b>Bevel Toe Guard</b><br>30° bevel on platform sides provides warning contact without abrupt shear point when lift table is installed in pit.                            |  | <b>Toe Sensing Edge</b><br>Automatically reverses lift on contact with any obstruction.  |

## Environmental Options

|   |  |   |  |   |  |   |   |
|---|--|---|--|---|--|---|---|
|  | <b>Export Boxing</b><br>Meets special packaging and shipping requirements for export out of the United States. |  | <b>Special Paint</b><br>Customer specified paint formulations and colors. Corrosion Protection similar to that of Hot Dip Galvanizing. |  | <b>Cam Follower Rollers*</b><br>Low friction leg rollers for increased efficiency and longer operating life. |  | <b>High Duty Cycle and Greased Manifolds*</b><br>Special bearing packages and regreaseable pivot points for moderately high and high duty cycle applications. |
|---|--|---|--|---|--|---|---|

\* Because of the high performance of standard tables, most asterisked options may not be required in normal usage. To avoid unnecessary cost, please consult factory before specifying these options.

# Custom Lifts and Lifting Solutions

Call 844 220 0086

No other manufacturer has as much experience designing and building custom lifting solutions as Southworth. Whether it's extended vertical travel, massive platforms, or super high capacity, we've designed and built it. But our expertise goes well beyond just higher, bigger and stronger lifts. We create custom solutions with power traverse, computer integration, multi-axis positioning and much more. So whatever your lifting and positioning needs, you can rely on Southworth to provide the best possible solution.



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