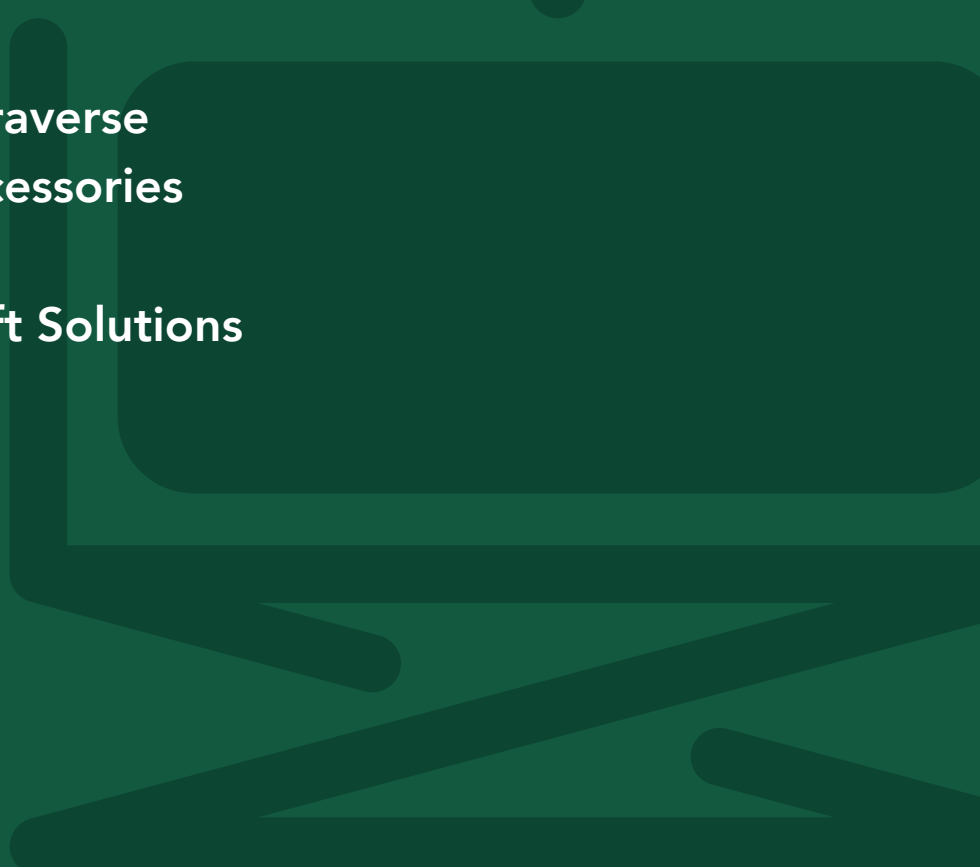


**SOUTHWORTH®**

# Lift Tables

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





Spacesaver High-Rise Lift Table application

# Table of Contents

Proven Industrial Lifting Solutions	4
.....	
Backsaver Lifts	6
.....	
Heavy-Duty, CAM and Tandem Lifts	10
.....	
Spacesaver High-Rise Lifts	14
.....	
Pneumatic, Floor-Height and Palletizing Lifts	16
.....	
Lift Table Options & Accessories	18
.....	
Production Ready Lifts	24
.....	
Custom Engineered Solutions	25
.....	
Connect with Southworth	26
.....	

# Proven Industrial Lifting Solutions

As a leading manufacturer of scissor lift tables for material handling applications, Southworth offers an extensive product line including hydraulic, pneumatic, floor height, palletizing, portable, and compact lift tables.

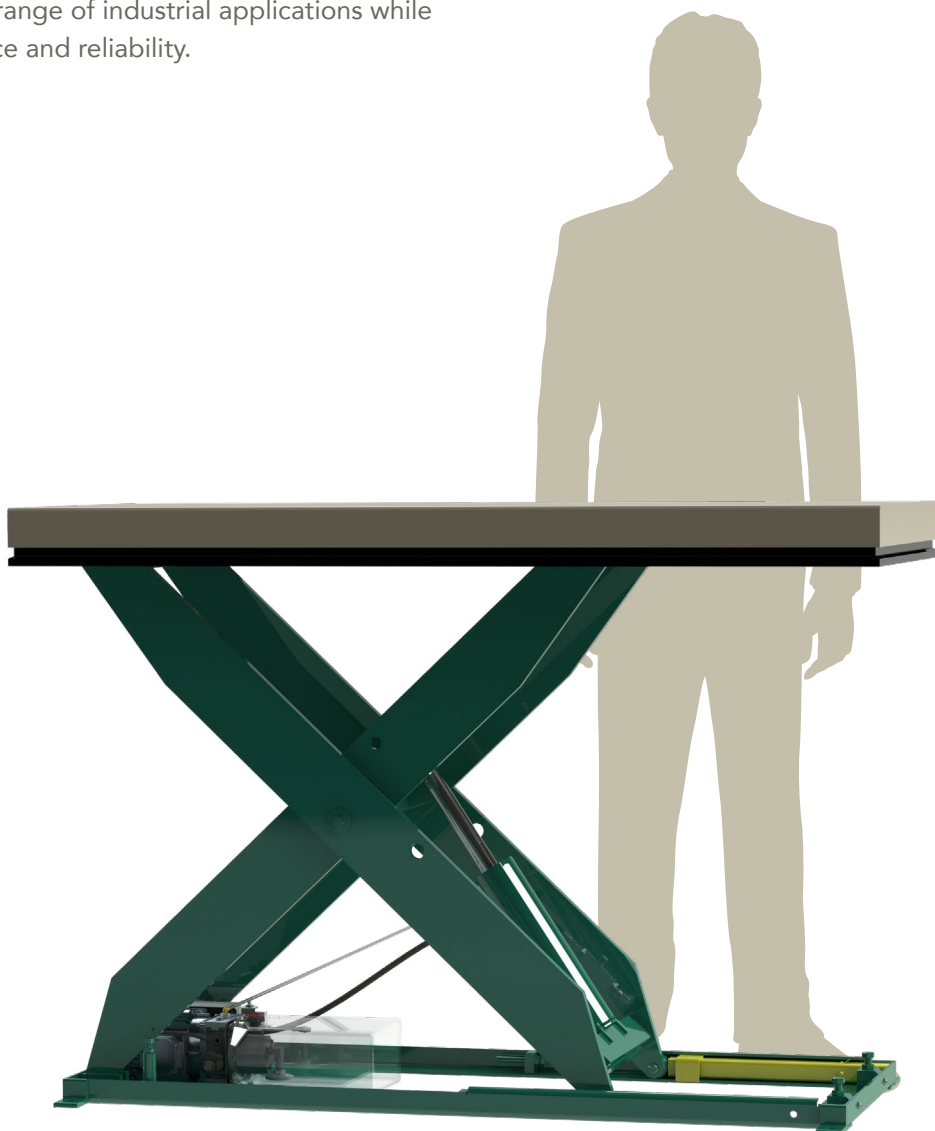
These machines are designed to enhance safety and efficiency by providing ergonomic work solutions that position materials and personnel at optimal heights, reducing the risk of workplace injuries. With a wide selection of stock models, flexible customization options, and backed by a team of experienced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

 **Vertical Lifting**

 **Work Positioning**

 **Pallet Handling**

 **Load Transporting**



# Quality Features for Reliability and Long Life



## M12 Controller Connections

Plug & play M12 connections on control panel for ease of replacing/adding electrical accessories.



## Heavy-Duty Torque Tubes

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



## Lubricated-for-Life Bushings

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



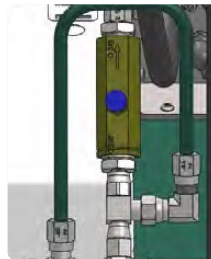
## Transparent Return Hydraulic Fluid Line

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.



## Heavy-Duty Hoses

Heavy-duty hoses with burst strength of 600% greater than the hydraulic operating pressure.



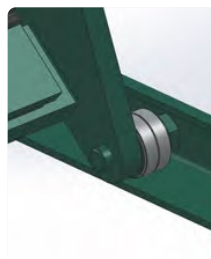
## Adjustable Flow Control

Pressure compensated flow control valve.



## 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.



## 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.



## Safety Chock

Prevents accidental lowering of table during maintenance.



## Comfort Edge Design (Optional)

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

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

# Backsaver Lifts



*LS Series Backsaver Lifts*



*LSD Series Dual Lifts*



*LL Series Backsaver Lite Lifts*



*CLL Series Backsaver Lite Portable Lifts*



*LS Series Backsaver Compact Lifts*

## LS Series Backsaver Lifts

Southworth Backsaver Lifts are durable, reliable machines for work positioning, machine feeding, assembly, order picking, pallet loading, and many other applications. They are available with capacities to 6,000 lbs. and lift heights to 55 ¼. A wide range of power, control, platform, and base configurations are available.

## LS Series Plus Lifts

When more capacity (up to 12,000 lbs.) or larger platforms (up to 60" x 156") are required.

## LS Series Wide Base Lifts and LSD Series Dual Scissor Lifts

For larger platforms up to 11 feet wide, choose an LS Series Wide Base Lift or an LS Series Dual Scissor Lift.

## LL Series Backsaver Lite Lifts

Industrial-grade lift tables for applications involving lighter loads of up to 1,500 lbs. They are available in Stationary, Compact and Portable configurations.

## LL & LS Series Backsaver Lite Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LL05.5-26	550	26	5 ½	31 ½	20 x 36	36 x 60	9	½	115/1/60	300
LL1.1-26	1,100	26	5 ½	31 ½	20 x 36	36 x 60	21	½	115/1/60	300
LL1.5-35	1,500	35	6 ¼	41 ¼	24 x 48	36 x 60	32	½	115/1/60	450
CLL05.5-26	550	26	9	35	24 x 40	30 x 48	7	½	12 volt DC	400
CLL1.1-26	1,100	26	9	35	24 x 40	30 x 48	13	½	12 volt DC	400
LS05-30	500	30	6	36	12 x 24	12 x 24	20	½	115/1/60	200
LS05-30W	500	30	6	36	16 x 24	24 x 36	20	½	115/1/60	200
LS1-30	1,000	30	6	36	16 x 24	24 x 36	20	½	115/1/60	250

## LS Series Backsaver Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LS2-24	2,000	24	7 ¼	31 ¼	24 x 36	48 x 60	17	1	115/1/60	550
LS3-24	3,000	24	7 ¼	31 ¼	24 x 36	48 x 60	22	1	115/1/60	550
LS4-24	4,000	24	7 ¼	31 ¼	24 x 36	48 x 60	34	1	115/1/60	650
LS6-24	6,000	24	7 ¼	31 ¼	24 x 36	48 x 60	44	1	115/1/60	600
LS2-36	2,000	36	7 ¼	43 ¼	24 x 48	48 x 72	25	1	115/1/60	650
LS3-36	3,000	36	7 ¼	43 ¼	24 x 48	48 x 72	33	1	115/1/60	650
LS4-36	4,000	36	7 ¼	43 ¼	24 x 48	48 x 72	50	1	115/1/60	650
LS6-36	6,000	36	7 ¼	43 ¼	24 x 48	48 x 72	20	3	460/3/60	850
LS2-48	2,000	48	7 ¼	55 ¼	24 x 64	48 x 96	10	3	460/3/60	1,000
LS3-48	3,000	48	7 ¼	55 ¼	24 x 64	48 x 96	13	3	460/3/60	1,000
LS4-48	4,000	48	7 ¼	55 ¼	24 x 64	48 x 96	20	3	460/3/60	1,050
LS6-48	6,000	48	7 ¼	55 ¼	24 x 64	48 x 96	26	3	460/3/60	2,000
LS2-24W	2,000	24	7 ¼	31 ¼	36 x 36	60 x 60	28	1	115/1/60	600
LS3-24W	3,000	24	7 ¼	31 ¼	36 x 36	60 x 60	44	1	115/1/60	650
LS4-24W	4,000	24	7 ¼	31 ¼	36 x 36	60 x 60	28	1	115/1/60	650
LS6-24W	6,000	24	7 ¼	31 ¼	36 x 36	60 x 60	44	1	115/1/60	700
LS2-36W	2,000	36	7 ¼	43 ¼	36 x 48	60 x 72	50	1	115/1/60	750
LS3-36W	3,000	36	7 ¼	43 ¼	36 x 48	60 x 72	66	1	115/1/60	800
LS4-36W	4,000	36	7 ¼	43 ¼	36 x 48	60 x 72	50	1	115/1/60	800
LS6-36W	6,000	36	7 ¼	43 ¼	36 x 48	60 x 72	20	3	460/3/60	850
LS2-48W	2,000	48	7 ¼	55 ¼	48 x 64	72 x 96	20	3	460/3/60	1,450
LS3-48W	3,000	48	7 ¼	55 ¼	48 x 64	72 x 96	26	3	460/3/60	1,500
LS4-48W	4,000	48	7 ¼	55 ¼	48 x 64	72 x 96	20	3	460/3/60	1,500
LS6-48W	6,000	48	7 ¼	55 ¼	48 x 64	72 x 96	26	3	460/3/60	1,500

Lifts with 3 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

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LS8-36	8,000	36	9	45	30 x 60	54 x 84	21	3.2	460/3/60	1,350
LS10-36	10,000	36	10	46	30 x 60	54 x 84	28	3.2	460/3/60	1,500
LS12-36	12,000	36	10	46	30 x 60	54 x 84	28	3.2	460/3/60	1,500
LS3-42	3,000	42	6 ¾	48 ¾	24 x 56	48 x 84	49	1	460/3/60	750
LS5-42	5,000	42	7	49	24 x 56	48 x 84	74	1	460/3/60	800
LS8-48	8,000	48	9	57	24 x 66	48 x 96	30	3.2	460/3/60	1,600
LS2-60	2,000	60	10	70	24 x 86	48 x 120	10	3.2	460/3/60	1,300
LS4-60	4,000	60	10	70	24 x 86	48 x 120	20	3.2	460/3/60	1,400
LS5-60	5,000	60	8	68	24 x 86	48 x 120	29	3.2	460/3/60	1,450
LS6-60	6,000	60	10	70	24 x 86	48 x 120	30	3.2	460/3/60	1,450
LS8-60	8,000	60	10	70	24 x 86	48 x 120	42	3.2	460/3/60	1,700
LS2-72	2,000	72	10	82	30 x 102	60 x 132	19	3.2	460/3/60	2,000
LS4-72	4,000	72	10	82	30 x 102	60 x 132	38	3.2	460/3/60	2,100
LS6-72	6,000	72	12	84	30 x 102	60 x 132	41	3.2	460/3/60	2,200
LS2-84	2,000	84	10	94	30 x 120	60 x 156	26	3.2	460/3/60	2,200
LS4-84	4,000	84	10	94	30 x 120	60 x 156	52	3.2	460/3/60	2,300
LS6-84	6,000	84	14	98	30 x 120	60 x 156	56	3.2	460/3/60	2,500

Lifts with 3.0 and 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 Wide Base Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LS8-36W	8,000	36	9	45	42 x 60	66 x 84	21	3.2	460/3/60	1,700
LS10-36W	10,000	36	10	46	42 x 60	66 x 84	28	3.2	460/3/60	1,700
LS12-36W	12,000	36	10	46	42 x 60	66 x 84	28	3.2	460/3/60	1,700
LS3-42W	3,000	42	6 ¾	48 ¾	42 x 56	66 x 84	49	1	460/3/60	1,200
LS5-42W	5,000	42	7	49	42 x 56	66 x 84	74	1	460/3/60	1,200
LS8-48W	8,000	48	9	57	48 x 66	72 x 96	30	3.2	460/3/60	2,000
LS2-60W	2,000	60	10	70	54 x 86	84 x 120	20	3.2	460/3/60	1,800
LS4-60W	4,000	60	10	70	54 x 86	84 x 120	20	3.2	460/3/60	1,800
LS5-60W	5,000	60	8	68	54 x 86	84 x 120	29	3.2	460/3/60	1,800
LS6-60W	6,000	60	10	70	54 x 86	84 x 120	30	3.2	460/3/60	1,800
LS8-60W	8,000	60	10	70	54 x 86	84 x 120	42	3.2	460/3/60	1,800
LS2-72W	2,000	72	10	82	60 x 102	96 x 132	24	3.2	460/3/60	2,600
LS4-72W	4,000	72	10	82	60 x 102	96 x 132	38	3.2	460/3/60	2,600

Lifts with 3.0 and 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 Wide Base Lifts (continued)

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LS6-72W	6,000	72	12	84	60 x 102	96 x 132	41	3.2	460/3/60	2,600
LS2-84W	2,000	84	10	94	60 x 120	96 x 156	35	3.2	460/3/60	2,800
LS4-84W	4,000	84	10	94	60 x 120	96 x 156	52	3.2	460/3/60	2,800
LS6-84W	6,000	84	14	98	60 x 120	96 x 156	56	3.2	460/3/60	2,800

Lifts with 3.0 and 3.2 HP three-phase power units available with 1 HP single-phase power units. Rise time increases by a multiplier of 3.3.

## LSD Series Dual Scissor Lifts and Wide Base Dual Scissor Lifts

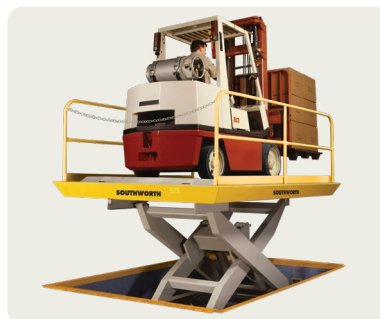
Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LSD4-36	4,000	36	7 ¼	43 ¼	48 x 48	72 x 72	50	1	115/1/60	750
LSD6-36	6,000	36	7 ¼	43 ¼	48 x 48	72 x 72	50	1	115/1/60	750
LSD8-36	8,000	36	7 ¼	43 ¼	48 x 48	72 x 72	100	1	115/1/60	750
LSD12-36	12,000	36	7 ¼	43 ¼	48 x 48	72 x 72	40	3.0	460/3/60	750
LSD4-48	4,000	48	7 ¼	55 ¼	48 x 64	72 x 96	18	3.0	460/3/60	1,100
LSD6-48	6,000	48	7 ¼	55 ¼	48 x 64	72 x 96	18	3.0	460/3/60	1,100
LSD8-48	8,000	48	7 ¼	55 ¼	48 x 64	72 x 96	36	3.0	460/3/60	1,100
LSD12-48	12,000	48	7 ¼	55 ¼	48 x 64	72 x 96	60	3.0	460/3/60	1,100
LSD4-60	4,000	60	10	70	48 x 86	72 x 120	20	3.2	460/3/60	1,650
LSD8-60	8,000	60	10	70	48 x 86	72 x 120	40	3.2	460/3/60	1,650
LSD10-60	10,000	60	8	68	48 x 86	72 x 120	58	3.2	460/3/60	1,650
LSD12-60	12,000	60	10	70	48 x 86	72 x 120	60	3.2	460/3/60	1,650
LSD4-36W	4,000	36	7 ¼	43 ¼	72 x 48	96 x 72	100	1	115/1/60	1,050
LSD6-36W	6,000	36	7 ¼	43 ¼	72 x 48	96 x 72	100	1	115/1/60	1,050
LSD8-36W	8,000	36	7 ¼	43 ¼	72 x 48	96 x 72	100	1	115/1/60	1,050
LSD12-36W	12,000	36	7 ¼	43 ¼	72 x 48	96 x 72	40	3.0	460/3/60	1,050
LSD4-48W	4,000	48	7 ¼	55 ¼	72 x 64	120 x 96	36	3.0	460/3/60	1,350
LSD6-48W	6,000	48	7 ¼	55 ¼	72 x 64	120 x 96	36	3.0	460/3/60	1,350
LSD8-48W	8,000	48	7 ¼	55 ¼	72 x 64	120 x 96	36	3.0	460/3/60	1,350
LSD12-48W	12,000	48	7 ¼	55 ¼	72 x 64	120 x 96	60	3.0	460/3/60	1,350
LSD4-60W	4,000	60	10	70	108 x 86	132 x 120	20	3.2	460/3/60	2,200
LSD8-60W	8,000	60	10	70	108 x 86	132 x 120	40	3.2	460/3/60	2,200
LSD10-60W	10,000	60	8	68	108 x 86	132 x 120	58	3.2	460/3/60	2,200
LSD12-60W	12,000	60	10	70	108 x 86	132 x 120	60	3.2	460/3/60	2,200

Lifts with 3.0 and 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, CAM and Tandem Lifts



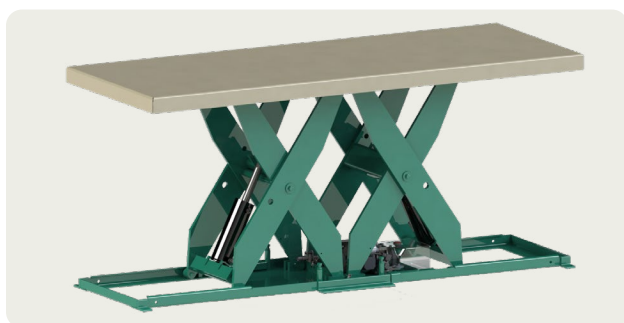
*DL Series Heavy-Duty Lifts*



*DL Series - Pit Mounted*



*L Series Cam Lifts*



*LST Series Tandem - Long*



*LST Series Tandem - Conveyor Top*

## DL Series Heavy-Duty 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.

## LST Series 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.



Pit Mounted Heavy-Duty Lift application

## DL Series Heavy-Duty Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Top Plate Thickness	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
DL20-36	20,000	36	16	52	60 x 76	96 x 108	½	56	3.2	460/3/60	4,000
DL10-48	10,000	48	13 ¼	61 ¼	47 x 76	84 x 108	¾	56	3.2	460/3/60	3,300
DL15-48	15,000	48	14 ¼	62 ¼	60 x 76	96 x 108	½	62	3.2	460/3/60	4,000
DL25-48	25,000	48	16	64	60 x 76	96 x 108	½	85	3.2	460/3/60	4,800
DL10-60	10,000	60	16	76	60 x 102	96 x 144	¾	48	3.2	460/3/60	4,800
DL12-60	12,000	60	16	76	60 x 102	96 x 144	¾	52	3.2	460/3/60	5,100
DL16-60	16,000	60	16	76	60 x 102	96 x 144	½	72	3.2	460/3/60	5,300
DL20-60	20,000	60	22	82	60 x 120	96 x 144	½	86	3.2	460/3/60	6,800
DL25-60	25,000	60	26	86	72 x 144	108 x 180	½	105	3.2	460/3/60	10,500
DL20-72	20,000	72	22	94	72 x 144	108 x 180	½	112	3.2	460/3/60	9,700
DL4-84	4,000	84	12	96	60 x 120	96 x 156	¾	45	3.2	460/3/60	4,200
DL6-84	6,000	84	16	100	60 x 120	96 x 156	¾	48	3.2	460/3/60	5,000
DL10-84	10,000	84	16	100	60 x 120	96 x 156	¾	88	3.2	460/3/60	5,800

Lifts with 3.0 and 3.2 HP three-phase power units available with 1 HP single-phase power units. Rise time increases by a multiplier of 3.3.

## L Series CAM Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Frame Size (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
L8-36	8,000	36	7 5/8	43 5/8	30 x 60	48 x 78	28 3/4 x 60	21	3.2	460/3/60	1,360
L10-36	10,000	36	9	45	32 x 60	54 x 78	30 3/4 x 60	31	3.2	460/3/60	1,800
L15-36	15,000	36	9 1/2	45 1/2	36 x 72	60 x 90	34 1/2 x 70 1/2	50	3.2	460/3/60	2,900
L20-36	20,000	36	10 1/8	46 1/8	36 x 72	60 x 90	34 1/2 x 70 1/2	50	3.2	460/3/60	3,300
L30-36	30,000	36	11 1/4	47 1/4	43 x 72	72 x 96	41 x 70 1/2	56	5.0	460/3/60	4,400

Lifts with 3.0 and 3.2 HP three-phase power units available with 1 HP single-phase power units. Rise time increases by a multiplier of 3.3.

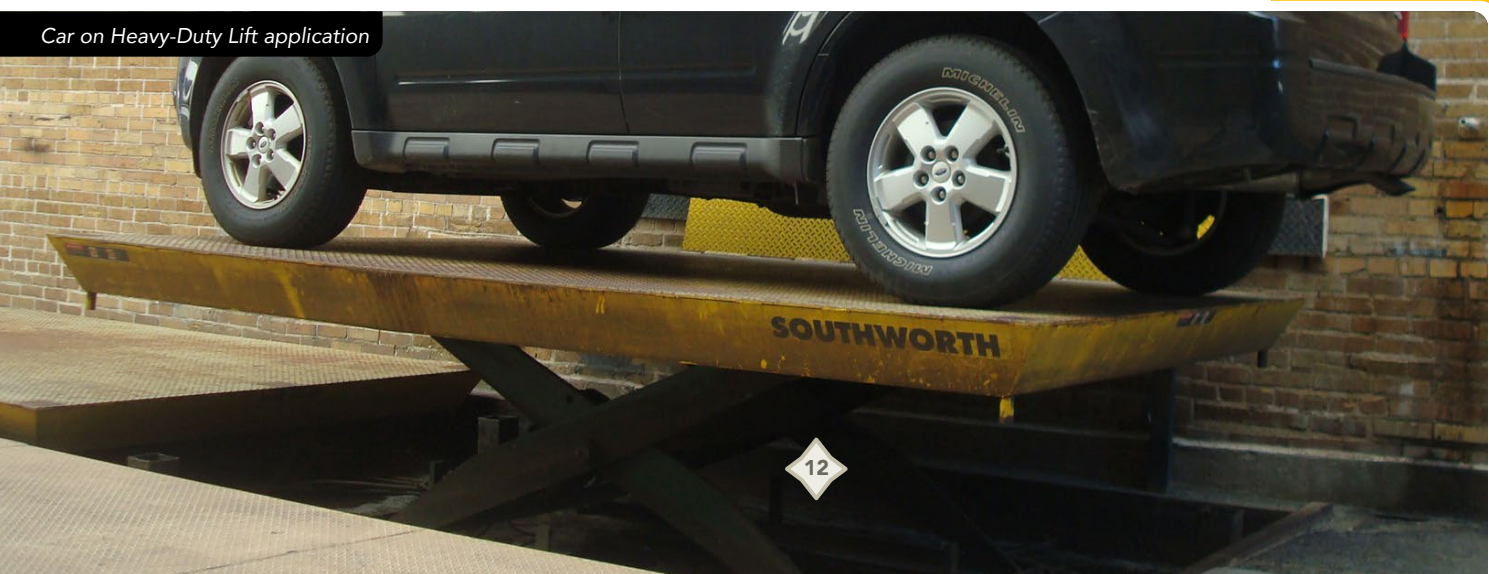
## LST Series Tandem Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LST 4-36	4,000	36	7 1/4	43 1/4	24 x 96	48 x 120	50	1	115/1/60	750
LST 6-36	6,000	36	7 1/4	43 1/4	24 x 96	48 x 120	50	1	115/1/60	750
LST 8-36	8,000	36	7 1/4	43 1/4	24 x 96	48 x 120	100	1	115/1/60	750
LST 12-36	12,000	36	7 1/4	43 1/4	24 x 96	48 x 120	40	3.0	460/3/60	750
LST 4-48	4,000	48	7 1/4	55 1/4	24 x 128	48 x 168	18	3.0	460/3/60	1,100
LST 6-48	6,000	48	7 1/4	55 1/4	24 x 128	48 x 168	18	3.0	460/3/60	1,100
LST 8-48	8,000	48	7 1/4	55 1/4	24 x 128	48 x 168	36	3.0	460/3/60	1,100
LST 12-48	12,000	48	7 1/4	55 1/4	24 x 128	48 x 168	60	3.0	460/3/60	1,100
LST 4-60	4,000	60	10	70	24 x 172	48 x 204	20	3.2	460/3/60	1,650
LST 8-60	8,000	60	10	70	24 x 172	48 x 204	40	3.2	460/3/60	1,650
LST 10-60	10,000	60	8	68	24 x 172	48 x 204	58	3.2	460/3/60	1,650
LST 12-60	12,000	60	10	70	24 x 172	48 x 204	60	3.2	460/3/60	1,650

Lifts with 3.0 and 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.

Car on Heavy-Duty Lift application





Tandem Lift aerospace application

## LST Series Wide Base Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LST 4-36W	4,000	36	7 ¼	43 ¼	36 x 96	72 x 96	100	1	115/1/60	900
LST 6-36W	6,000	36	7 ¼	43 ¼	36 x 96	72 x 96	100	1	115/1/60	900
LST 8-36W	8,000	36	7 ¼	43 ¼	36 x 96	72 x 96	100	1	115/1/60	900
LST 12-36W	12,000	36	7 ¼	43 ¼	36 x 96	72 x 96	40	3.0	460/3/60	900
LST 4-48W	4,000	48	7 ¼	55 ¼	36 x 128	72 x 168	36	3.0	460/3/60	1,350
LST 6-48W	6,000	48	7 ¼	55 ¼	36 x 128	72 x 168	36	3.0	460/3/60	1,350
LST 8-48W	8,000	48	7 ¼	55 ¼	36 x 128	72 x 168	36	3.0	460/3/60	1,350
LST 12-48W	12,000	48	7 ¼	55 ¼	36 x 128	72 x 168	60	3.0	460/3/60	1,350
LST 4-60W	4,000	60	10	70	54 x 172	84 x 204	20	3.2	460/3/60	2,200
LST 8-60W	8,000	60	10	70	54 x 172	84 x 204	40	3.2	460/3/60	2,200
LST 10-60W	10,000	60	8	68	54 x 172	84 x 204	58	3.2	460/3/60	2,200
LST 12-60W	12,000	60	10	70	54 x 172	84 x 204	60	3.2	460/3/60	2,200

Lifts with 3.0 and 3.2 HP three-phase power units available with 1 HP single-phase power units. Rise time increases by a multiplier of 3.3.

# Spacesaver High-Rise Lifts

## LSH Series Spacesaver High-Rise Lifts

LSH Spacesaver lifts can be used as personnel work platforms (with safety railings), 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 Spacesaver High-Rise Lifts

Worker platform application



## LSH Series Spacesaver High-Rise Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Min. Height (inches)	Max. Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LSH 1-36	1,500	36	10	46	24 x 32	36 x 48	16	1.0	115/1/60	600
LSH 1-48	1,000	48	9 ½	57 ½	24 x 40	36 x 54	21	1.0	115/1/60	750
LSH 2-48	2,000	48	9 ½	57 ½	24 x 40	36 x 54	42	1.0	115/1/60	800
LSH 4-48	4,000	48	12	60	30 x 42	48 x 60	16	3.2	460/3/60	1,250
LSH 6-48	6,000	48	14	62	32 x 42**	48 x 60	35	3.2	460/3/60	1,300
LSH 1-60	1,000	60	10 ½	70 ½	24 x 48	36 x 60	27	1.0	115/1/60	750
LSH 2-64	2,500	64	12 ½	76 ½	24 x 53	42 x 66	16	3.2	460/3/60	1,100
LSH 5-60	5,000	60	14	74	30 x 53	48 x 66	30	3.2	460/3/60	1,800
LSH 8-60	8,000	60	14	74	30 x 54	48 x 66	43	3.2	460/3/60	1,900
LSH 12-60	12,000	60	18	78	36 x 67	60 x 84	95	3.2	460/3/60	3,200
LSH 1-72	1,500	72	12 ½	84 ½	20 x 53	36 x 66	58	1.0	115/1/60	900
LSH 2-72	2,000	72	12 ¾	84 ¾	20 x 53	36 x 66	75	1.0	115/1/60	950
LSH 5-72	5,000	72	14	86	32 x 57**	54 x 72	36	3.2	460/3/60	2,000
LSH 2-84	2,000	84	17	101	33 x 69	60 x 90	29	3.2	460/3/60	1,900
LSH 4-84	4,000	84	17	101	33 x 69	60 x 90	34	3.2	460/3/60	2,200
LSH 6-84	6,000	84	17	101	33 x 69	60 x 90	62	3.2	460/3/60	2,350
LSH 1-96†*	1,000	96	17 ¼	113 ¼	24 x 53	42 x 66	17	3.2	460/3/60	1,600
LSH 3-96	3,000	96	17	113	36 x 77	60 x 108	50	3.2	460/3/60	3,000
LSH 5-96	5,000	96	17	113	36 x 77	60 x 108	64	3.2	460/3/60	3,500
LSH 10-96	10,000	96	20	116	36 x 77	60 x 108	102	3.2	460/3/60	4,500
LSH 2-114	2,000	114	17	131	33 x 88	60 x 108	36	3.2	460/3/60	3,400
LSH 5-120*	5,000	120	24	144	44 x 69***	72 x 96	102	3.2	460/3/60	4,800
LSH 3-128	3,000	128	21	149	42 x 96	72 x 120	48	3.2	460/3/60	3,400
LSH 6-128	6,000	128	21	149	42 x 96	72 x 120	80	3.2	460/3/60	3,500
LSH 2-144*	2,000	144	24	168	42 x 77	72 x 108	68	3.2	460/3/60	4,350
LSH 4-144*	4,000	144	24	168	42 x 77	72 x 108	136	3.2	460/3/60	4,500
LSH 5-144	5,000	144	21	165	42 x 108	72 x 144	125	3.2	460/3/60	4,000

† 1 ¼" Lateral motion

\*Three sets of legs—All others have two

\*\* Base frame width 30

\*\*\*Base frame width 42

# Pneumatic, Floor-Height and Palletizing Lifts



*GLSA Series Pneumatic Lifts*



*ZLS Series Floor-Height Lifts*



*LM Series LiftMat Low-Profile Lifts*



*LM Series LiftMat with Turntable*



*Roll-E and Roll-U Series Roll-In Palletizing Lifts*

## GLSA Series 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.

## ZLS Series Floor-Height Lifts

These lifts lower to near floor height so 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.

## GLSA Series Pneumatic Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Low Height (inches)	Raised Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	Air (PSI) Free Air	Approx. Shipping Weight (pounds) (standard platform)
GLSA2-24	2,000	24	8	32	36 x 48	48 x 60	15 (empty)	80 psi/15 cfm	650
GLSA4-24	4,000	24	8	32	48 x 48	60 x 60	15 (empty)	80 psi/15 cfm	800

## ZLS Series Floor-Height Lifts

Model Number	Capacity (pounds)	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 (pounds) (standard platform)
ZLS2-35	2,000	35	49 - 67 ¼	32-50	48	7 ¾	¾	50 x 48	45	1	115/1/60	1,425
ZLS4-35	4,000	35	49 - 67 ¼	32-50	48	7 ¾	¾	50 x 48	48	1	115/1/60	1,440
ZLS6-34	6,000	34	53 - 71 ¼	32-50	48	8 ⅝	½	50 x 48	63	1	115/1/60	1,865

## LiftMat Series Low-Profile Lift Tables

Model Number	Capacity (pounds)	Vertical Travel (inches)	Low Height (inches)	Raised Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LM2.2-31	2,200	31 ½	3 ¼	34 ¾	24 x 60	48 x 96	20	1	115/1/60	600

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

Model Number	Capacity (pounds)	Vertical Travel (inches)	Low Height (inches)	Raised Height (inches)	Standard Platform (inches)	Max. Platform (inches)	Elevating Time (seconds)	HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
LM2.2-31 with Turntable	1,950	31 ½	4 ⅛	35 ⅝	48 x 66	48 x 96	20	1	115/1/60	700

## Roll-In Lifts

Model Number	Capacity (pounds)	Vertical Travel (inches)	Low Height (inches)	Raised Height (inches)	Platform Size (inches)	Elevating Time (seconds)	Motor HP	Standard Voltage	Approx. Shipping Weight (pounds) (standard platform)
ROLL-E 2.2-31	2,200	31 ½	3 ¼	34 ¾	51 x 60 ½	22	1	115/1/60	700
ROLL-U 2.2-31	2,200	31 ½	3 ¼	34 ¾	51 x 60 ½	22	1	115/1/60	700

# Lift Table Options & Accessories

## Popular Lift Table Options & Accessories

Southworth lift tables offer thousands of combinations and configurations for a wide range of applications and material handling solutions. Our options and accessories allow you to specify machines that precisely meet your lifting and positioning needs.

### Popular Lift Table Options for:

- ✓ Control
- ✓ Safety
- ✓ Convenience
- ✓ Portability
- ✓ Machine Protection



### One-Touch/Auto Level

Raise or lower the lift a preset increment at the touch of a button. This option is user programmable.



### Bellows Skirting

Skirting covers the area between the platform and base, protecting vital components from potential damage caused by environmental debris.



### Toe Sensing Edge

Sensor automatically reverses lowering motion on contact.



### Flush Mount Turntables

Turntables are only 3/16" higher than the surrounding platform and can be rotationally locked when the lift is in the full-down position.



### Wheels and Casters

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

# Hydraulic/Actuation Options

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

*\*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.*

# Electronic Control Options

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

# Mechanical Options

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

*\*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.*

# Portability and Transport Options

- ✓ **Casters**  
A variety of casters, mounting arrangements, and floor locks is available for use where full portability and maneuverability are desired.
- ✓ **Flanged Wheels**  
Steel wheels with flange for use with flat or rail track to provide unidirectional horizontal movement.
- ✓ **Powered Traverse**  
Hydraulic motor drives two wheels on a single shaft via a chain and sprocket.
- ✓ **Push Bar**  
Hand height bar to facilitate manual movement of wheeled or castered portable units.
- ✓ **Semi-Live Portable**  
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.
- ✓ **Vee Groove Wheels**  
Steel wheels with groove for use with inverted angle or vee track to provide unidirectional horizontal movement.

# Environmental Options

- ✓ **Cam Follower Rollers\***  
Low friction leg rollers for increased efficiency and longer operating life.
- ✓ **Export Boxing**  
Meets special packaging and shipping requirements for export out of the United States.
- ✓ **High-Duty Cycles\***  
Special bearing packages and regreasable pivot points for moderately high and high-duty cycle applications.
- ✓ **Special Paint**  
Customer specified paint formulations and colors. Corrosion protection similar to that of hot dip galvanizing.

*\*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.*

# Platform Options

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

*\*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.*



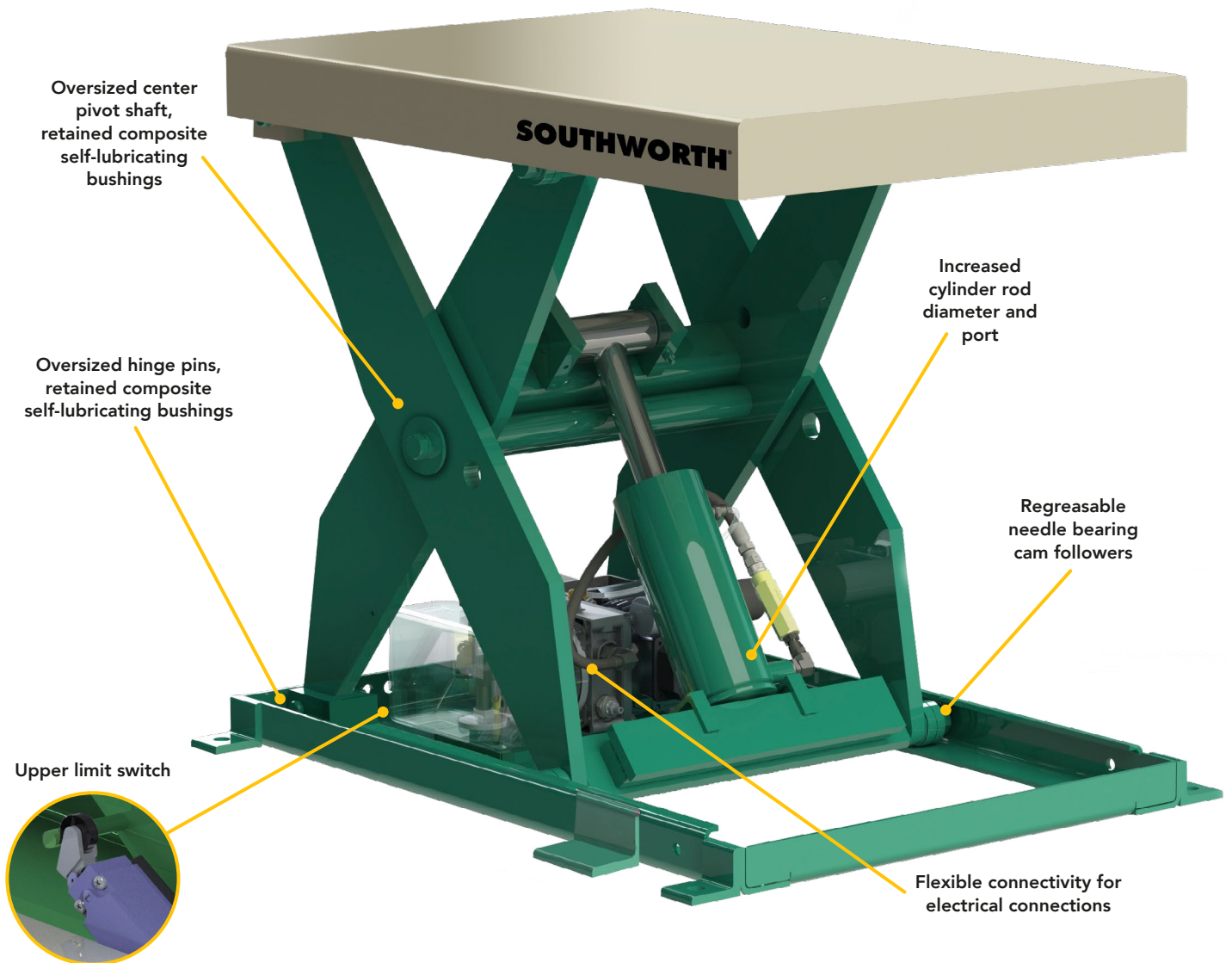
Customized Personnel Lift with bellows accordion skirting application

# Production Ready Lifts

When lift tables are integrated into a production process, they are often subjected to more rigorous use than stand-alone lifts. In this environment, uptime is critical since taking a lift offline for unplanned maintenance means costly production interruptions.

Southworth production ready lifts are equipped with heavy-duty features to ensure durability, reliability, and maximum uptime—and, with regular PM service, can extend the interval before major maintenance and replacement of renewable parts is required up to 200,000 cycles or more.

- ✓ Oversized Cylinder Rods
- ✓ High Strength Alloy Shafts and Pins
- ✓ Thicker Composite Bushings for added strength and durability
- ✓ Reinforced Roller Tracks with Wear Strips added
- ✓ Available on LS, LSH, and DL Series Lifts and many other models
- ✓ Extends the mean time between repairs
- ✓ Ideal for Lifts in areas where access for maintenance is limited





*Double LS Series Lift Table application*

# Custom Engineered Solutions

From extended vertical travel lifts and oversized platforms to high-capacity machines, Southworth has the engineering expertise to design and build solutions for customized applications. We also create custom solutions with power traverse, computer integration, multi-axis positioning and much more. Whatever your lifting and positioning needs, you can rely on Southworth to provide the most effective solution.

# SOUTHWORTH®



**ADVANCED**  
EQUIPMENT COMPANY

 704-527-3141

 [aec-carolina.com](http://aec-carolina.com)

