

# Lift Tables



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

# Southworth... The Lift Table Experts

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

All of our lifts can be configured with a wide variety of standard options and accessories.

We also have more engineering and design experience than any other manufacturer so we routinely provide custom designed solutions.



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# 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.



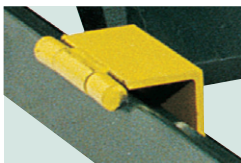
## Heavy-Duty Hoses

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.



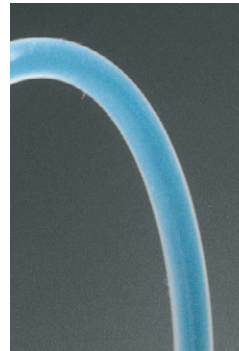
## Comfort Edge Design

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.



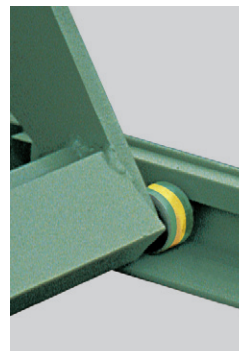
## Tell-Tale Return Hydraulic Fluid Line

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.

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

# 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

Model No.	Capacity (Lbs.)	Vertical Travel (Inches)	Height		Standard Platform (Inches)	Maximum Platform* (Inches)	Elevating Time (Seconds)	HP	Standard Voltage
			Min. (Inches)	Max. (Inches)					
<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	30¼	24 x 36	48 x 60	14	1	115/1/60
LS4-24	4000	24	6¼	30¼	24 x 36	48 x 60	28	1	115/1/60
LS6-24	6000	24	7¼	31¼	24 x 36	48 x 60	44	1	115/1/60
LS2-36	2000	36	6¼	42¼	24 x 48	48 x 72	21	1	115/1/60
LS4-36	4000	36	6¼	42¼	24 x 48	48 x 72	42	1	115/1/60
LS6-36	6000	36	7¼	43¼	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	30¼	36 x 36	60 x 60	14	1	115/1/60
LS4-24W	4000	24	6¼	30¼	36 x 36	60 x 60	28	1	115/1/60
LS6-24W	6000	24	7¼	31¼	36 x 36	60 x 60	44	1	115/1/60
LS2-36W	2000	36	6¼	42¼	36 x 48	60 x 72	21	1	115/1/60
LS4-36W	4000	36	6¼	42¼	36 x 48	60 x 72	42	1	115/1/60
LS6-36W	6000	36	7¼	43¼	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		Standard Platform (Inches)	Maximum Platform* (Inches)	Top Plate Thickness	Elevating Time (Seconds)	HP	Standard Voltage	Approx. Shipping Weight/Lbs. (std. platform)
			Min. (Inches)	Max. (Inches)							
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

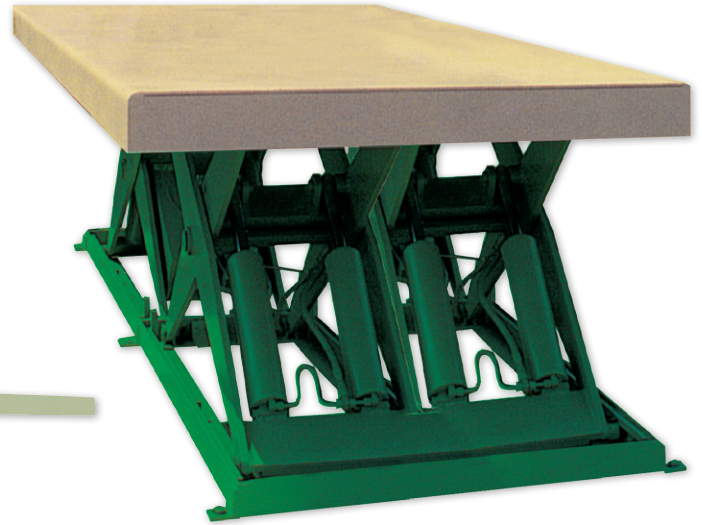
Model No.	Capacity (Lbs.)	Vertical Travel (Inches)	Height		Standard Platform (Inches)	Maximum Platform (Inches)	Frame Size (Inches)	Elevating Time (Seconds)	HP	Standard Voltage	Approx. Shipping Weight/Lbs. (std. platform)
			Min. (Inches)	Max. (Inches)							
L8-36	8000	36	7¼	43¼	30 x 60	48 x 78	28¼ 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	9¼	45¼	36 x 72	60 x 90	34¼ x 70¼	50	3.2	460/3/60	2900
L20-36	20000	36	10¼	46¼	36 x 72	60 x 90	34¼ x 70¼	50	3.2	460/3/60	3300
L30-36	30000	36	11¼	47¼	43 x 72	72 x 96	41 x 70¼	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 (Lbs.)	Vertical Travel (Inches)	Height		Standard Platform (Inches)	Maximum Platform (Inches)	Elevating Time (Seconds)	HP	Standard Voltage	Approx. Shipping Weight/Lbs. (std. platform)
			Min. (Inches)	Max. (Inches)						
LST 4-36	4000	36	6½	42½	24 x 96	48 x 120	42	1	115/1/60	1150
LST 8-36	8000	36	6½	42½	24 x 96	48 x 120	84	1	115/1/60	1250
LST 12-36	12000	36	7¼	43¼	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 (Lbs.)	Vertical Travel (Inches)	Height		Standard Platform (Inches)	Maximum Platform (Inches)	Elevating Time (Seconds)	HP	Standard Voltage	Approx. Shipping Weight/Lbs. (std. platform)
			Min. (Inches)	Max. (Inches)						
LST 4-36W	4000	36	6½	42½	36 x 96	60 x 120	42	1.0	115/1/60	1350
LST 8-36W	8000	36	6½	42½	36 x 96	60 x 120	84	1.0	115/1/60	1450
LST 12-36W	12000	36	7¼	43¼	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		Standard Platform (Inches)	Maximum Platform (Inches)	Elevating Time (Seconds)	HP	Standard Voltage	Approx. Shipping Weight/Lbs. (std. platform)
			Min. (Inches)	Max. (Inches)						
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 lift tables lower to floor height or near floor height so that they can be fed and offloaded by hand pallet trucks. Standard 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



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 16	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

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 - 67 $\frac{1}{2}$	32-50	48	7 $\frac{3}{4}$	$\frac{3}{8}$	50 x 48	45	1	115/1/60	1425
ZLS4-35	4000	35	49 - 67 $\frac{1}{2}$	32-50	48	7 $\frac{3}{4}$	$\frac{3}{8}$	50 x 48	48	1	115/1/60	1440
ZLS6-34	6000	34	53 - 71 $\frac{1}{2}$	32-50	48	8 $\frac{3}{4}$	$\frac{1}{2}$	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	2000	31 $\frac{1}{2}$	3 $\frac{1}{2}$	35	24 x 66	48 x 96	20	1	115/1/60	600

## 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	28 $\frac{1}{2}$	3 $\frac{1}{2}$	31 $\frac{1}{2}$	49 x 57 $\frac{1}{2}$	22	1.0	115/1/60	700
ROLL-U 2.2-28	2200	28 $\frac{1}{2}$	3 $\frac{1}{2}$	31 $\frac{1}{2}$	49 x 57 $\frac{1}{2}$	22	1.0	115/1/60	700

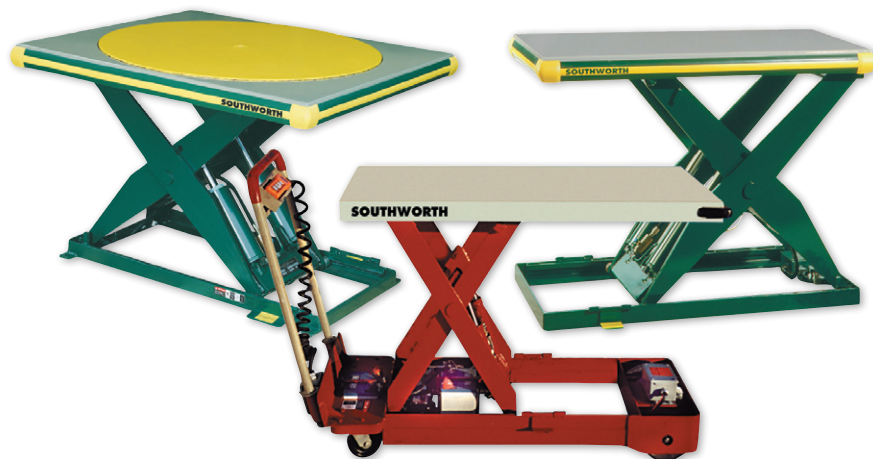
# Lift Tables Options and Accessories

## 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.



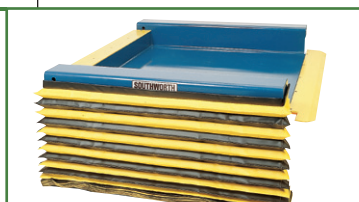
### Wheels and Casters

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



**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 Downdrift Valving\***  
Near positive shut-off valving for use where platform must maintain position for extended periods of time.



**Continuous Duty Power Units\***  
Specially designed power units with motors capable of many motor starts per hour.



**Air Motor Driven Power Units**  
For use where electrical actuation is undesirable and shop air is available; meets explosion proof requirements.



**Cross Check Valving\***  
Locks oil in cylinders to eliminate deflection caused by oil transfer. Used in certain side loading applications.



**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.



**Screw Jack\***  
Lift is actuated by gear motor driven worm or ball screw. For more precise, repetitive positioning or where hydraulics are not desired.



**DC Power Units**  
Direct current power units for use with battery power.



**Power Units Full JIC Style**  
**Continuous Running Power Units\***  
Continuous running power unit built to JIC specifications.



**Double Acting Cylinders\***  
For special applications where it is necessary to provide both power up and power down.



**Hot and Cold Temperature Hydraulic Packaging**  
Special sealing and hydraulic fluids for use in hot or cold atmospheres.



**External Power Unit\***  
Power unit is connected to lift only by hydraulic hoses.



**No Coast Valving\***  
Fast acting hydraulic valving, which decreases upward coast, for use where more precise positioning is desired.



**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.



**Velocity Fuse(s)/Excess Flow Protectors**  
Hydraulic control prevents table free fall in the unlikely event of massive hydraulic failure.

## Electronic Control Options



**Wall Mounted Push Button**  
Permanent wall mounted controls for use where a fixed operating station is desirable.



**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.)



**Special NEMA Rated Electrical Packages\***  
A variety of electrical packages designed to meet NEMA standards for outdoor, explosion proof, and other installation requirements.



**Electrical Travel Limit Switch(es)**  
Stops travel, provides height positioning, and can activate other equipment. Use with mechanical stop for fixed lowered height.



**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.



**Visual or Audible Signals**  
Lights or bells used to warn personnel when lift is in operation.



**One-Touch Auto Leveling**  
Increase productivity in repositioning applications. Raise or lower lifts a specific increment at the touch of a button

## Mechanical Options



**Narrow Base**  
Reduced width base to fit special needs. Must be lagged for stability.



**Lifting Eyes**  
Steel eye bolts allow table to be lifted with hoist. Frequently used in pit mounted applications for ease of installation and maintenance.



**Wide Base**  
Increased width base provides extra stability for wider loads.



**Lag Plates**  
Permanently attached plates or angles with bolt holes for lagging tables to floor.



**Sub Bases**  
Extra base unit increases low height of standard designs. Provides a positive stop at predetermined down level.



**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.

## Portability and Transport Options



**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.



**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.



**Casters**  
A variety of casters, mounting arrangements, and floor locks is available for use where full portability and maneuverability are desired.



**Vee Groove Wheels**  
Steel wheels with groove for use with inverted angle or Vee track to provide unidirectional horizontal movement.



**Push Bar**  
Hand height bar to facilitate manual movement of wheeled or castered portable units.

## Platform Options



**Manual or Powered Turntables**  
Bearing mounted and supported turntables for rotating or positioning loads of work.



**Vee Cradle Platform**  
Vee shaped platform provides centering and secure handling of cylindrical loads, such as rolls.



**End-Shifting Platform**  
Manual or powered platform end-shift used to align loads with other handling systems or operating equipment.



**Gravity or Powered Conveyor Tops**  
Roller conveyor tops for integration with other handling equipment or systems.



**Tilting Tops**  
30°, 45°, and 90° tilting platforms for better positioning of certain loads.



**Fork Pockets**  
Structural fork pockets allow entire unit to be lifted and moved by fork truck.



**Ball Transfer Top**  
Fixed or retractable ball conveyors for omnidirectional movement of load on platform.



**Throw-Over Plates**  
Hinged plates used to provide a bridge between the platform surface and an adjacent fixed height surface.



**Access Plate**  
Removable or hinged plate in platform surface allows access to power unit and hydraulics when lift is in lowered position.



**Stainless Steel Platform**  
Corrosion and damage resistant surface for use with corrosive materials or where frequent wash down is required.



**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.



**Bellows Accordion Skirting**  
Single-ply stitched polyester skirting covers mechanism between platform and base. Also available as boots to cover cylinders only.



**Anti-skid Platform Surfaces**  
Diamond tread platform surface or abrasive type paint provide better traction for powered vehicles and reduce danger of personnel slipping.



**Counterweighted Wheel Chock**  
Recessed in table top. Automatically engages as lift raises and prevents vehicle from rolling in set direction.



**Bevel Toeguard**  
30° bevel on platform sides provides warning contact without abrupt shear point when lift table is installed in pit.



**Toe Sensing Edge**  
Automatically reverses lift on contact with any obstruction.

## Environmental Options



**Export Boxing**  
Meets special packaging and shipping requirements for export out of the United States.



**Special Paint**  
Customer specified paint formulations and colors. Corrosion Protection similar to that of Hot Dip Galvanizing.



**Cam Follower Rollers\***  
Low friction leg rollers for increased efficiency and longer operating life.

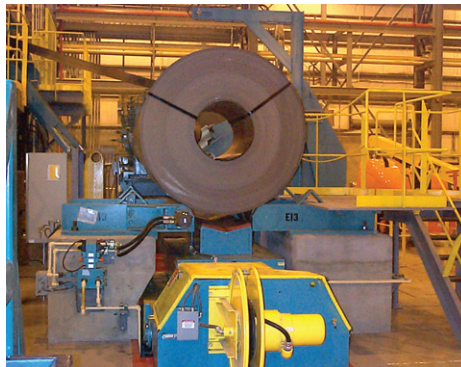


**High Duty Cycle and Greased Manifolds\***  
Special bearing packages and regreaseable pivot points for moderately high and high duty cycle applications.

\* 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

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.



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

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