



# TablLift™

## ECO Lift TSL Series Scissor Lift Tables



High Travel Triple,  
Electrohydraulic  
3,000 to 6,000 lb.  
Capacity  
For Surface or  
Pit Installation

**TSL-60-180-72144**  
with Optional  
Beveled  
Toeguards,  
Handrails,  
Chains and  
Bridge Plate

### Model Number Format

**TSL-60-180-72144**  
Series "TSL" \_\_\_\_\_  
Tripple Hydraulic Lift Table \_\_\_\_\_  
Capacity \_\_\_\_\_  
60 = 6,000 lbs.  
Vertical Travel \_\_\_\_\_  
180 = 180 inches  
Platform Size \_\_\_\_\_  
72144 = 72"W x 144"L

### Description

ECO Lift TSL Series Lift  
Tables are high travel triple  
electrohydraulic scissor lifts with  
capacities of 3,000 to 6,000 lbs.,  
travel distances of 72 to 216 in.  
with platform sizes of 30 x 42  
to 84 x 144 in.

### Standard Features

- Smooth steel tops
- Straight toeguards with yellow and black safety stripes
- Internally-mounted 1 1/2HP, 230V, 1PH, 60Hz TENV intermittent duty super torque motor or externally-mounted 3 or

- 4.8HP, 230/460V, 3PH, 60Hz continuous duty motor
- High-pressure gear pump
- On 4.8HP power units, manifold with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters. On 1 1/2 or 3HP power units, valves are internally mounted on gear pump
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 20 ft. coil cord
- NEMA-12 prewired controls (dust/drip-tight industrial type) with liquid-tight electrical connectors. Control box contains magnetic starter, control transformer, thermal overload and fuses
- All controller components are UL and/or CSA approved
- 24V operating control voltage
- Hydraulic flow limiter at base

- of each cylinder
- Optional upper travel limit switch
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Lifetime self-lubricating, PTFE lined, composite bearings at all pivot points
- Mechanical upper travel stops
- Safety restraint maintenance bars
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Includes hydraulic oil (internal power units only)

### Limited Warranty Policy

Refer to Warranty Form for specific details.  
Specifications are subject to change without notice.  
TSL Series Lift Tables are one of a group of ECO Lift Tables and other materials handling products.

**Selector Table for TSL Series. Capacities 3,000 to 6,000 lbs.**

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (inches)		Base Frame (inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
72"	TSL-30-072	3,000	1,500	1,000	30 x 42	48 x 66	30 x 42	14 1/4	86 1/4	22	1 1/2	1	2,100
	TSL-60-072	6,000	3,000	2,000	30 x 42	48 x 66	30 x 42	21 1/4	93 1/4	40	1 1/2	2	2,500
96"	TSL-30-096	3,000	1,500	1,000	30 x 48	48 x 72	30 x 48	14 1/4	110 1/4	30	1 1/2	1	2,400
	TSL-60-096	6,000	3,000	2,000	30 x 48	48 x 72	30 x 48	21 1/4	117 1/4	50	1 1/2	2	2,850
120"	TSL-30-120	3,000	1,500	1,000	30 x 60	48 x 84	30 x 60	14 1/4	134 1/4	40	1 1/2	2	2,550
	TSL-60-120	6,000	3,000	2,000	30 x 60	48 x 84	30 x 60	21 1/4	141 1/4	80	3	2	3,000
144"	TSL-30-144	3,000	1,500	1,000	48 x 72	60 x 96	48 x 72	19 1/4	163 1/4	25	4.8	2	3,000
	TSL-60-144	6,000	3,000	2,000	48 x 72	60 x 96	48 x 72	22 1/4	166 1/4	45	4.8	2	3,500
162"	TSL-30-162	3,000	1,500	1,000	60 x 88	84 x 108	60 x 84	42	204	60	4.8	2	6,000
	TSL-60-162	6,000	3,000	2,000	60 x 88	84 x 108	60 x 84	42	204	80	4.8	2	7,300
180"	TSL-30-180	3,000	1,500	1,000	60 x 96	84 x 120	60 x 93	42	222	75	4.8	2	6,500
	TSL-60-180	6,000	3,000	2,000	60 x 96	84 x 120	60 x 93	42	222	85	4.8	2	8,000
216"	TSL-30-216	3,000	1,500	1,000	60 x 120	84 x 144	60 x 112	54	270	90	4.8	2	7,000
	TSL-60-216	6,000	3,000	2,000	60 x 120	84 x 144	60 x 112	54	270	120	4.8	2	9,000

\*Standard platforms. Oversized platforms, beveled toeguards, roller shades, accordion skirting and electrical tape switches will affect overall size. Power requirements depend upon frequency and type of operation and require specific selection. 1 1/2HP Power Units are internal as standard equipment. 3HP and 4.8HP Power Units are remote as standard equipment. Standard power supply for 1 1/2HP Power Unit is 230V/1PH/60Hz. Optional power supply for 1 1/2HP Power Unit is 208/230/460/3PH/60Hz. 115V/1PH/60Hz. Power Supply requires a 20 amp circuit. Standard power supply required for 3 and 4.8HP is 230/460/3PH/60Hz. Optional power supply for 3 and 4.8HP Power Units is 230/1PH/60 Hz (increases upspeed by 33%). Note: Where available power supply is 208V/3PH, booster transformers are required for 240V/3PH for 3HP and 4.8HP motors, see options. Conforms to or exceeds ANSI standard MH29.1-1994. See page 21 for options and accessories.