

TablLift™

BEACON BTSL Series Electric Scissor Lift



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

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

Model Number Format

BTSL-60-180-72144

Series "BTSL"

Tripple Hydraulic Lift Table

Capacity

60 = 6,000 lbs.

Vertical Travel

180 = 180 inches

Platform Size

72144 = 72"W x 144"L

Description

BEACON BTSL 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.
- Remote mounted as standard 1 HP/208-230-460V/3PH/60Hz power unit with intermittent duty, super torque TENV motor, or as an option:

- 5HP/208-230-460V/3PH/60Hz power unit with continuous duty motor. Specify voltage required.
- Optional VFD available for 1HP power units to run on 115-230V/1PH/60Hz power input.
- High Pressure gear pump. Motor-Pump adapter, or Valve Block, consists of Check Valve, Relief Valve, Down Solenoid Valve, pressure compensated flow control.
- Suction & return filters.
- 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 velocity fuse at base of each cylinder.
- 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.

Limited Warranty Policy

Refer to Warranty Form Number WF-0901 for specific details.

Specifications are subject to change without notice.

BTSL Series Lift Tables are one of a group of BEACON Lift Tables and other materials handling products.

Selector Table for BTSL 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"	BTSL-30-072	3,000	1,500	1,000	30 x 42	48 x 66	30 x 42	14 1/4	86 1/4	21	1	1	2,100
	BTSL-60-072	6,000	3,000	2,000	30 x 42	48 x 66	30 x 42	21 1/4	93 1/4	39	1	2	2,500
96"	BTSL-30-096	3,000	1,500	1,000	30 x 48	48 x 72	30 x 48	14 1/4	110 1/4	27	1	1	2,400
	BTSL-60-096	6,000	3,000	2,000	30 x 48	48 x 72	30 x 48	21 1/4	117 1/4	56	1	2	2,850
120"	BTSL-30-120	3,000	1,500	1,000	30 x 60	48 x 84	30 x 60	14 1/4	134 1/4	42	1	2	2,550
	BTSL-60-120	6,000	3,000	2,000	30 x 60	48 x 84	30 x 60	21 1/4	141 1/4	19	5	2	3,000
144"	BTSL-30-144	3,000	1,500	1,000	48 x 72	60 x 96	48 x 72	19 1/4	163 1/4	17	5	2	3,000
	BTSL-60-144	6,000	3,000	2,000	48 x 72	60 x 96	48 x 72	22 1/4	166 1/4	22	5	2	3,500
162"	BTSL-30-162	3,000	1,500	1,000	60 x 88	84 x 108	60 x 84	42	204	39	5	2	6,000
	BTSL-60-162	6,000	3,000	2,000	60 x 88	84 x 108	60 x 84	42	204	39	5	2	7,300
180"	BTSL-30-180	3,000	1,500	1,000	60 x 96	84 x 120	60 x 93	42	222	43	5	2	6,500
	BTSL-60-180	6,000	3,000	2,000	60 x 96	84 x 120	60 x 93	42	222	43	5	2	8,000
216"	BTSL-30-216	3,000	1,500	1,000	60 x 120	84 x 144	60 x 112	54	270	52	5	2	7,000
	BTSL-60-216	6,000	3,000	2,000	60 x 120	84 x 144	60 x 112	54	270	73	5	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. Conforms to or exceeds ANSI standard MH29.1 2008