



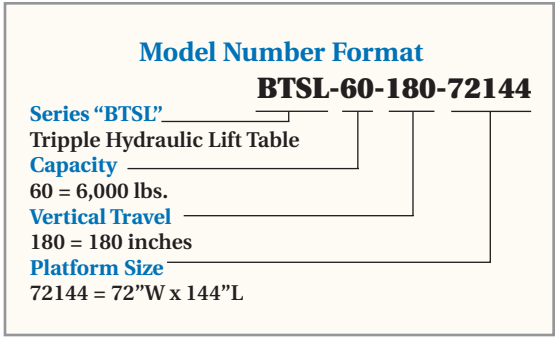
TablLift™

BEACON BTSL Series Scissor Lift Tables



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



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
- 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 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
 - Includes hydraulic oil
- 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 | 35 | 1 1/2 | 2 | 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 | 40 | 1 1/2 | 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 | 40 | 1 1/2 | 2 | 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 | 50 | 1 1/2 | 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 | 40 | 3 | 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 | 80 | 3 | 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 | 25 | 4.8 | 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 | 45 | 4.8 | 2 | 3,500 |
| 162" | BTSL-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 |
| | BTSL-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" | BTSL-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 |
| | BTSL-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" | BTSL-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 |
| | BTSL-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 30 amp circuit and 3/4HP motor is required. This will double the upspeed. 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 at motor, see options.