



Magnum™

BEACON Series BMLTDL Hydraulic Platform Lift



Double Long, Electrohydraulic
30,000 to 60,000 lb.
Capacity
For Surface or
Pit Installation

BMLTDL-50-48-60144

Model Number Format

BMLTDL-50-48-60144

Series "BMLTDL" _____
Hydraulic Platform Lift _____
Capacity _____
50 = 50,000 lbs.
Vertical Travel _____
48 = 48 inches
Platform Size _____
60144 = 60"W x 144"L

Description

BEACON BMLTDL Series Lift Tables are double long, high-capacity heavy-duty Hydraulic Platform Lifts with capacities of 30,000 to 60,000 lbs., travel distances of 30 to 72 in. with platform sizes of 48 x 120 to 72 x 264 in.

BMLTs are designed for extremely heavy-duty lifting. From their structural strength to their high-power lifting ability, the BMLT Series brings new meaning to the term "heavy duty".

Standard Features

- Externally-mounted power unit with 230/460V, 3PH, 60Hz, intermittent duty TEFC motor. (Specify required voltage)
- High-pressure gear pump.
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 20 ft. coil cord and hanger bracket.
- NEMA-12 prewired control box (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 approved.
- 24V operating control voltage.
- Upper travel limit switch to automatically shut off motor and pump at pre-set height, plus 4 secondary mechanical upper travel back-up stops.

- Smooth steel platform.
- 8 in. high straight toeguards.
- Rectangular structural tube scissor legs and torque tubes for maximum horizontal and longitudinal stability and minimal deflection.
- Dual safety restraint maintenance bars.
- Positive stops on all four corners for maximum roll over capacity in lowered position.
- Cylinder rod end protectors.
- Surfaces degreased and finished with two coats of enamel.
- Sealed, ram-type, full oil displacement hydraulic cylinders with hard, chrome-plated and polished stress-proof steel rams and polyurethane seals. No breather ports.
- Excess Flow Protector at base of each cylinder.
- Axles and shafts are stress-proof, polished and are equipped

- with lifetime lubricated PTFE type lined composite bearings.
- Aluminum valve block manifold in the external power unit contains check valve, relief valve, pressure-compensated flow control valve and down solenoid valve cartridges. The solenoid valve includes a filter screen.
- Hydraulic hose.
- Pressure line cartridge filter
- 11 gal. reservoir, hydraulic oil included.

Limited Warranty Policy

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

Specifications are subject to change without notice.

BMLTDL Series Hydraulic Platform Lifts are one of a group of BEACON Lift Tables and other materials handling products.

Selector Table for BMLTDL Series. Capacities 30,000 to 60,000 lbs.

| Travel | Model | Capacity (pounds) | Axle Load** Maximum Concentrated | Platform Sizes (Inches) | | Base Frame (Inches) | Height (Inches) | | Approximate Up Speeds (seconds) | Motor Std. HP*** | Cylinders (qty.) | Ship* Weight (pounds) |
|--------|--------------|-------------------|----------------------------------|-------------------------|----------|---------------------|-----------------|--------|---------------------------------|------------------|------------------|-----------------------|
| | | | | Standard | Maximum | | Lowered | Raised | | | | |
| 36" | BMLTDL-30-36 | 30,000 | 22,500 | 48 x 120 | 72 x 168 | 48 x 120 | 16 | 52 | 32 | 5 | 2 | 7,200 |
| | BMLTDL-35-36 | 35,000 | 26,500 | 48 x 120 | 72 x 168 | 48 x 120 | 16 | 52 | 55 | 5 | 4 | 7,300 |
| | BMLTDL-40-36 | 40,000 | 30,000 | 48 x 120 | 72 x 168 | 48 x 120 | 20 | 56 | 55 | 5 | 4 | 7,500 |
| | BMLTDL-50-36 | 50,000 | 40,000 | 48 x 120 | 72 x 168 | 48 x 120 | 20 | 56 | 75 | 5 | 6 | 7,600 |
| | BMLTDL-60-36 | 60,000 | 48,000 | 48 x 120 | 72 x 168 | 48 x 120 | 20 | 56 | 75 | 5 | 6 | 7,800 |
| 48" | BMLTDL-30-48 | 30,000 | 22,500 | 48 x 144 | 72 x 192 | 48 x 144 | 16 | 64 | 30 | 5 | 2 | 7,500 |
| | BMLTDL-35-48 | 35,000 | 26,500 | 48 x 144 | 72 x 192 | 48 x 144 | 16 | 64 | 55 | 5 | 4 | 7,700 |
| | BMLTDL-40-48 | 40,000 | 30,000 | 48 x 144 | 72 x 192 | 48 x 144 | 20 | 68 | 55 | 5 | 4 | 8,100 |
| | BMLTDL-50-48 | 50,000 | 40,000 | 48 x 144 | 72 x 192 | 48 x 144 | 20 | 68 | 75 | 5 | 6 | 8,300 |
| | BMLTDL-60-48 | 60,000 | 48,000 | 48 x 144 | 72 x 192 | 48 x 144 | 20 | 68 | 75 | 5 | 6 | 8,600 |
| 60" | BMLTDL-30-60 | 30,000 | 22,500 | 48 x 168 | 72 x 216 | 48 x 168 | 16 | 76 | 45 | 5 | 2 | 8,000 |
| | BMLTDL-35-60 | 35,000 | 26,500 | 48 x 168 | 72 x 216 | 48 x 168 | 16 | 76 | 80 | 5 | 4 | 8,200 |
| | BMLTDL-40-60 | 40,000 | 30,000 | 48 x 168 | 72 x 216 | 48 x 168 | 20 | 80 | 80 | 5 | 4 | 8,400 |
| | BMLTDL-50-60 | 50,000 | 40,000 | 48 x 168 | 72 x 216 | 48 x 168 | 20 | 80 | 100 | 7½ | 6 | 8,600 |
| | BMLTDL-60-60 | 60,000 | 48,000 | 48 x 168 | 72 x 216 | 48 x 168 | 20 | 80 | 100 | 7½ | 6 | 9,000 |
| 72" | BMLTDL-30-72 | 30,000 | 22,500 | 48 x 216 | 72 x 264 | 48 x 216 | 16 | 88 | 45 | 5 | 2 | 9,700 |
| | BMLTDL-35-72 | 35,000 | 26,500 | 48 x 216 | 72 x 264 | 48 x 216 | 16 | 88 | 80 | 5 | 4 | 9,900 |
| | BMLTDL-40-72 | 40,000 | 30,000 | 48 x 216 | 72 x 264 | 48 x 216 | 20 | 92 | 80 | 5 | 4 | 10,000 |
| | BMLTDL-50-72 | 50,000 | 40,000 | 48 x 216 | 72 x 264 | 48 x 216 | 20 | 92 | 100 | 7½ | 6 | 10,200 |
| | BMLTDL-60-72 | 60,000 | 48,000 | 48 x 216 | 72 x 264 | 48 x 216 | 20 | 92 | 100 | 7½ | 6 | 10,400 |