



BEACON Series BMLT Hydraulic Lift Table



Super Heavy Duty,
Electrohydraulic
15,000 to 30,000 lb.
Capacity
For Surface or
Pit Installation

BMLT-20-48-48072

Model Number Format

BMLT-20-48-48072

Series "BMLT"
Hydraulic Lift Table

Capacity
20 = 20,000 lbs.

Vertical Travel
48 = 48 inches

Platform Size
48072 = 48"W x 72"L

Description

BEACON BMLT Series Hydraulic Lift Table is a high-capacity super heavy-duty electrohydraulic scissor lift with capacities of 15,000 to 30,000 lbs. Travel distances of 30 to 72 in. and platform sizes of 48 x 60 to 72 x 132 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".

The BMLT Series is designed with an engineered safety factor of 3 to 1 and conforms to or exceeds ANSI MH29.1-1994, the National Electric Code and OSHA requirements.

Standard Features

- Externally-mounted power unit with 5HP, 230/460V, 3PH, 60Hz, continuous duty TEFC motor. (Specify required voltage)
- High-pressure gear pump
- NEMA-4 constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" push-button 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 and/or CSA approved
- 24V operating control voltage
- NEMA 4, 13 (water-tight, dust-tight and oil-tight) adjustable upper travel limit switch to automatically shut off motor and pump at pre-set height, plus 2 secondary mechanical upper travel back-up stops.
- Smooth steel platform
- 8 in. straight toeboards with yellow and black safety stripes
- 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, oxide primed 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 with internal stops. No breather ports
- Velocity fuse at base of each cylinder

- Axles and shafts are stress-proof shafting, hard chrome plated and polished, retained with a positive locking screw ring system and equipped with lifetime PTFE 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.
- Pressure line 25 micron cartridge filter
- Hydraulic hose from cylinders to universal connection on base frame. 20' hose from lift to power unit is included.
- Hydraulic oil reservoir with hydraulic oil included.

Limited Warranty Policy

Refer to Warranty Form Number 181120617 for specific details. Specifications are subject to change without notice. The BMLT Series Hydraulic Lift Table is one of a group of BEACON Lift Tables and other materials handling products.



Selector Table for BMLT Series. Capacities 15,000 to 30,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load*** Maximum Concentrated	Platform Sizes (inches)		Base Frame (inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (qty.)	Ship* Weight (pounds)
				Standard	Maximum		Lowered	Raised				
30"	BMLT-15-30	15,000	12,000	48 x 60	72 x 84	48 x 60	16	46	24	5	2	3,100
	BMLT-18-30	18,000	16,000	48 x 60	72 x 84	48 x 60	16	46	24	5	2	3,200
	BMLT-20-30	20,000	16,000	48 x 60	72 x 84	48 x 60	20	50	24	5	2	3,300
	BMLT-25-30	25,000	24,000	48 x 60	72 x 84	48 x 60	20	50	35	5	3	3,400
	BMLT-30-30	30,000	24,000	48 x 60	72 x 84	48 x 60	20	50	35	5	3	3,500
36"	BMLT-15-36	15,000	12,000	48 x 60	72 x 84	48 x 60	16	52	30	5	2	3,500
	BMLT-18-36	18,000	16,000	48 x 60	72 x 84	48 x 60	16	52	30	5	2	3,600
	BMLT-20-36	20,000	16,000	48 x 60	72 x 84	48 x 60	20	56	30	5	2	3,700
	BMLT-25-36	25,000	24,000	48 x 60	72 x 84	48 x 60	20	56	40	5	3	3,800
	BMLT-30-36	30,000	24,000	48 x 60	72 x 84	48 x 60	20	56	40	5	3	3,900
42"	BMLT-15-42	15,000	12,000	48 x 72	72 x 96	48 x 72	16	58	25	5	2	3,600
	BMLT-18-42	18,000	16,000	48 x 72	72 x 96	48 x 72	16	58	25	5	2	3,800
	BMLT-20-42	20,000	16,000	48 x 72	72 x 96	48 x 72	20	62	25	5	2	4,000
	BMLT-25-42	25,000	24,000	48 x 72	72 x 96	48 x 72	20	62	35	5	3	4,100
	BMLT-30-42	30,000	24,000	48 x 72	72 x 96	48 x 72	20	62	35	5	3	4,300
48"	BMLT-15-48	15,000	12,000	48 x 72	72 x 96	48 x 72	16	64	30	5	2	3,700
	BMLT-18-48	18,000	16,000	48 x 72	72 x 96	48 x 72	16	64	30	5	2	3,900
	BMLT-20-48	20,000	16,000	48 x 72	72 x 96	48 x 72	20	68	30	5	2	4,100
	BMLT-25-48	25,000	24,000	48 x 72	72 x 96	48 x 72	20	68	40	5	3	4,200
	BMLT-30-48	30,000	24,000	48 x 72	72 x 96	48 x 72	20	68	40	5	3	4,400
54"	BMLT-15-54	15,000	12,000	48 x 84	72 x 108	48 x 84	16	70	40	5	2	3,900
	BMLT-18-54	18,000	16,000	48 x 84	72 x 108	48 x 84	16	70	40	5	2	4,000
	BMLT-20-54	20,000	16,000	48 x 84	72 x 108	48 x 84	20	74	40	5	2	4,200
	BMLT-25-54	25,000	24,000	48 x 84	72 x 108	48 x 84	20	74	55	5	3	4,300
	BMLT-30-54	30,000	24,000	48 x 84	72 x 108	48 x 84	20	74	55	5	3	4,500
60"	BMLT-15-60	15,000	12,000	48 x 84	72 x 108	48 x 84	16	76	45	5	2	4,000
	BMLT-18-60	18,000	16,000	48 x 84	72 x 108	48 x 84	16	76	45	5	2	4,100
	BMLT-20-60	20,000	16,000	48 x 84	72 x 108	48 x 84	20	80	45	5	2	4,300
	BMLT-25-60	25,000	24,000	48 x 84	72 x 108	48 x 84	20	80	60	5	3	4,400
	BMLT-30-60	30,000	24,000	48 x 84	72 x 108	48 x 84	20	80	60	5	3	4,600
72"	BMLT-15-72	15,000	12,000	48 x 108	72 x 132	48 x 108	16	88	45	5	2	4,800
	BMLT-18-72	18,000	16,000	48 x 108	72 x 132	48 x 108	16	88	45	5	2	4,900
	BMLT-20-72	20,000	16,000	48 x 108	72 x 132	48 x 108	20	92	45	5	2	5,000
	BMLT-25-72	25,000	24,000	48 x 108	72 x 132	48 x 108	20	92	60	5	3	5,100
	BMLT-30-72	30,000	24,000	48 x 108	72 x 132	48 x 108	20	92	60	5	3	5,200

*Standard platforms only. **See options. ***Load that can be rolled over the side or end in any raised position. (Standard platform only.)
 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. Note: Where available power supply is 208V/3PH booster transformers are required for 240V/3PH at motor, see options. Conforms to or exceeds ANSI standard MH29.1-1994.