



# Magnum™

## BEACON Series BMLTDW Heavy Capacity Scissor Lift



Double Wide,  
Electrohydraulic  
25,000 to 60,000 lb.  
Capacity  
For Surface or  
Pit Installation

**BMLTDW-40-48-96096**

### Model Number Format

**BMLTDW-40-48-96096**

Series "BMLTDW"

Hydraulic Lift Table Double Wide

Capacity

40 = 40,000 lbs.

Vertical Travel

48 = 48 inches

Platform Size

96096 = 96"W x 96"L

### Description

BEACON BMLTDW Series Lift Tables are double wide, high-capacity heavy-duty electrohydraulic scissor lifts with capacities of 25,000 to 60,000 lbs., travel distances of 30 to 72 in. with platform sizes of 96 x 60 to 120 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". All have a design safety factor of 3 to 1.

### Standard Features

- Externally-mounted power unit with 5 through 7½HP, 230/460V, 3PH, 60Hz, continuous duty TEFC motor. (Specify required voltage)
- High-pressure gear pump
- NEMA-4X 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 4 secondary mechanical upper travel back-up stops.
- Smooth steel platform
- 8 in. high straight toe-guards 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. 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 lubricated 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.
- Hydraulic hose, SAE 100 R2AT double wire braid from cylinders to universal connection in the base frame
- Pressure line 25 micron cartridge filter
- 11 gal. reservoir, hydraulic oil not included

### Limited Warranty Policy

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

Specifications are subject to change without notice.

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



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**Selector Table for BMLTDW Series. Capacities 25,000 to 60,000 lbs.**

Travel	Model	Capacity (pounds)	Axle 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"	BMLTDW-25-30	25,000	20,000	96 x 60	120 x 84	96 x 60	16	46	30	5	2	6,000
	BMLTDW-30-30	30,000	24,000	96 x 60	120 x 84	96 x 60	16	46	30	5	2	6,200
	BMLTDW-35-30	35,000	28,000	96 x 60	120 x 84	96 x 60	16	46	50	5	4	6,300
	BMLTDW-40-30	40,000	32,000	96 x 60	120 x 84	96 x 60	20	50	50	5	4	6,400
	BMLTDW-50-30	50,000	40,000	96 x 60	120 x 84	96 x 60	20	50	70	5	6	6,600
	BMLTDW-60-30	60,000	48,000	96 x 60	120 x 84	96 x 60	20	50	70	5	6	6,800
36"	BMLTDW-25-36	25,000	20,000	96 x 60	120 x 84	96 x 60	16	52	32	5	2	7,000
	BMLTDW-30-36	30,000	24,000	96 x 60	120 x 84	96 x 60	16	52	32	5	2	7,200
	BMLTDW-35-36	35,000	28,000	96 x 60	120 x 84	96 x 60	16	52	55	5	4	7,300
	BMLTDW-40-36	40,000	32,000	96 x 60	120 x 84	96 x 60	20	56	55	5	4	7,500
	BMLTDW-50-36	50,000	40,000	96 x 60	120 x 84	96 x 60	20	56	75	5	6	7,600
	BMLTDW-60-36	60,000	48,000	96 x 60	120 x 84	96 x 60	20	56	75	5	6	7,800
42"	BMLTDW-25-42	25,000	20,000	96 x 72	120 x 96	96 x 72	16	58	30	5	2	7,200
	BMLTDW-30-42	30,000	24,000	96 x 72	120 x 96	96 x 72	16	58	30	5	2	7,400
	BMLTDW-35-42	35,000	28,000	96 x 72	120 x 96	96 x 72	16	58	50	5	4	7,600
	BMLTDW-40-42	40,000	32,000	96 x 72	120 x 96	96 x 72	20	62	50	5	4	8,000
	BMLTDW-50-42	50,000	40,000	96 x 72	120 x 96	96 x 72	20	62	70	5	6	8,200
	BMLTDW-60-42	60,000	48,000	96 x 72	120 x 96	96 x 72	20	62	70	5	6	8,500
48"	BMLTDW-25-48	25,000	20,000	96 x 72	120 x 96	96 x 72	16	64	30	5	2	7,300
	BMLTDW-30-48	30,000	24,000	96 x 72	120 x 96	96 x 72	16	64	30	5	2	7,500
	BMLTDW-35-48	35,000	28,000	96 x 72	120 x 96	96 x 72	16	64	55	5	4	7,700
	BMLTDW-40-48	40,000	32,000	96 x 72	120 x 96	96 x 72	20	68	55	5	4	8,100
	BMLTDW-50-48	50,000	40,000	96 x 72	120 x 96	96 x 72	20	68	75	5	6	8,300
	BMLTDW-60-48	60,000	48,000	96 x 72	120 x 96	96 x 72	20	68	75	5	6	8,600
54"	BMLTDW-25-54	25,000	20,000	96 x 84	120 x 108	96 x 84	16	70	40	5	2	7,700
	BMLTDW-30-54	30,000	24,000	96 x 84	120 x 108	96 x 84	16	70	40	5	2	7,900
	BMLTDW-35-54	35,000	28,000	96 x 84	120 x 108	96 x 84	16	70	75	5	4	8,100
	BMLTDW-40-54	40,000	32,000	96 x 84	120 x 108	96 x 84	20	74	75	5	4	8,300
	BMLTDW-50-54	50,000	40,000	96 x 84	120 x 108	96 x 84	20	74	100	7½	6	8,500
	BMLTDW-60-54	60,000	48,000	96 x 84	120 x 108	96 x 84	20	74	100	7½	6	8,900
60"	BMLTDW-25-60	25,000	20,000	96 x 84	120 x 108	96 x 84	16	76	45	5	2	7,800
	BMLTDW-30-60	30,000	24,000	96 x 84	120 x 108	96 x 84	16	76	45	5	2	8,000
	BMLTDW-35-60	35,000	28,000	96 x 84	120 x 108	96 x 84	16	76	80	5	4	8,200
	BMLTDW-40-60	40,000	32,000	96 x 84	120 x 108	96 x 84	20	80	80	5	4	8,400
	BMLTDW-50-60	50,000	40,000	96 x 84	120 x 108	96 x 84	20	80	100	7½	6	8,600
	BMLTDW-60-60	60,000	48,000	96 x 84	120 x 108	96 x 84	20	80	100	7½	6	9,000
72"	BMLTDW-25-72	25,000	20,000	96 x 108	120 x 132	96 x 108	16	88	45	5	2	9,500
	BMLTDW-30-72	30,000	24,000	96 x 108	120 x 132	96 x 108	16	88	45	5	2	9,700
	BMLTDW-35-72	35,000	28,000	96 x 108	120 x 132	96 x 108	16	88	80	5	4	9,900
	BMLTDW-40-72	40,000	32,000	96 x 108	120 x 132	96 x 108	20	92	80	5	4	10,000
	BMLTDW-50-72	50,000	40,000	96 x 108	120 x 132	96 x 108	20	92	100	7½	6	10,200
	BMLTDW-60-72	60,000	48,000	96 x 108	120 x 132	96 x 108	20	92	100	7½	6	10,400