



# Magnum™

## ECO A Series MLTDL Scissor Lift Tables



Double Long,  
Electrohydraulic  
to 60,000 lb.  
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rface or  
tallation

**L-50-48-60144**

### Model Number Format

**MLTDL-50-48-60144**

Series "MLTDL" \_\_\_\_\_  
Hydraulic Lift Table Double Long

Capacity \_\_\_\_\_  
50 = 50,000 lbs.

Vertical Travel \_\_\_\_\_  
48 = 48 inches

Platform Size \_\_\_\_\_  
60144 = 60"W x 144"L

### Description

ECO A MLTDL Series Lift Tables are double long, 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 48 x 120 to 72 x 264 in.

MLTs are designed for extremely heavy-duty lifting. From their structural strength to their high-power lifting ability, the MLT 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" 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 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 toeguards 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

- Flow Limiter Valve 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 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, 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 for specific details.

Specifications are subject to change without notice.

MLTDL Series Lift Tables are one of a group of ECO A Lift Tables and other materials handling products.



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Vertical Travel \_\_\_\_\_  
48 = 48 inches \_\_\_\_\_  
Platform Size \_\_\_\_\_  
60144 = 60"W x 144"L

**Selector Table for MLTDL 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"	MLTDL-25-30	25,000	19,000	48 x 120	72 x 168	48 x 120	16	46	30	5	2	6,000
	MLTDL-30-30	30,000	22,500	48 x 120	72 x 168	48 x 120	16	46	30	5	2	6,200
	MLTDL-35-30	35,000	26,500	48 x 120	72 x 168	48 x 120	16	46	50	5	4	6,300
	MLTDL-40-30	40,000	30,000	48 x 120	72 x 168	48 x 120	20	50	50	5	4	6,400
	MLTDL-50-30	50,000	40,000	48 x 120	72 x 168	48 x 120	20	50	70	5	6	6,600
	MLTDL-60-30	60,000	48,000	48 x 120	72 x 168	48 x 120	20	50	70	5	6	6,800
36"	MLTDL-25-36	25,000	19,000	48 x 120	72 x 168	48 x 120	16	52	32	5	2	7,000
	MLTDL-30-36	30,000	22,500	48 x 120	72 x 168	48 x 120	16	52	32	5	2	7,200
	MLTDL-35-36	35,000	26,500	48 x 120	72 x 168	48 x 120	16	52	55	5	4	7,300
	MLTDL-40-36	40,000	30,000	48 x 120	72 x 168	48 x 120	20	56	55	5	4	7,500
	MLTDL-50-36	50,000	40,000	48 x 120	72 x 168	48 x 120	20	56	75	5	6	7,600
	MLTDL-60-36	60,000	48,000	48 x 120	72 x 168	48 x 120	20	56	75	5	6	7,800
42"	MLTDL-25-42	25,000	19,000	48 x 144	72 x 192	48 x 144	16	58	30	5	2	7,200
	MLTDL-30-42	30,000	22,500	48 x 144	72 x 192	48 x 144	16	58	30	5	2	7,400
	MLTDL-35-42	35,000	26,500	48 x 144	72 x 192	48 x 144	16	58	50	5	4	7,600
	MLTDL-40-42	40,000	30,000	48 x 144	72 x 192	48 x 144	20	62	50	5	4	8,000
	MLTDL-50-42	50,000	40,000	48 x 144	72 x 192	48 x 144	20	62	70	5	6	8,200
	MLTDL-60-42	60,000	48,000	48 x 144	72 x 192	48 x 144	20	62	70	5	6	8,500
48"	MLTDL-25-48	25,000	19,000	48 x 144	72 x 192	48 x 144	16	64	30	5	2	7,300
	MLTDL-30-48	30,000	22,500	48 x 144	72 x 192	48 x 144	16	64	30	5	2	7,500
	MLTDL-35-48	35,000	26,500	48 x 144	72 x 192	48 x 144	16	64	55	5	4	7,700
	MLTDL-40-48	40,000	30,000	48 x 144	72 x 192	48 x 144	20	68	55	5	4	8,100
	MLTDL-50-48	50,000	40,000	48 x 144	72 x 192	48 x 144	20	68	75	5	6	8,300
	MLTDL-60-48	60,000	48,000	48 x 144	72 x 192	48 x 144	20	68	75	5	6	8,600
54"	MLTDL-25-54	25,000	19,000	48 x 168	72 x 216	48 x 168	16	70	40	5	2	7,700
	MLTDL-30-54	30,000	22,500	48 x 168	72 x 216	48 x 168	16	70	40	5	2	7,900
	MLTDL-35-54	35,000	26,500	48 x 168	72 x 216	48 x 168	16	70	75	5	4	8,100
	MLTDL-40-54	40,000	30,000	48 x 168	72 x 216	48 x 168	20	74	75	5	4	8,300
	MLTDL-50-54	50,000	40,000	48 x 168	72 x 216	48 x 168	20	74	100	7½	6	8,500
	MLTDL-60-54	60,000	48,000	48 x 168	72 x 216	48 x 168	20	74	100	7½	6	8,900
60"	MLTDL-25-60	25,000	19,000	48 x 168	72 x 216	48 x 168	16	76	45	5	2	7,800
	MLTDL-30-60	30,000	22,500	48 x 168	72 x 216	48 x 168	16	76	45	5	2	8,000
	MLTDL-35-60	35,000	26,500	48 x 168	72 x 216	48 x 168	16	76	80	5	4	8,200
	MLTDL-40-60	40,000	30,000	48 x 168	72 x 216	48 x 168	20	80	80	5	4	8,400
	MLTDL-50-60	50,000	40,000	48 x 168	72 x 216	48 x 168	20	80	100	7½	6	8,600
	MLTDL-60-60	60,000	48,000	48 x 168	72 x 216	48 x 168	20	80	100	7½	6	9,000
72"	MLTDL-25-72	25,000	19,000	48 x 216	72 x 264	48 x 216	16	88	45	5	2	9,500
	MLTDL-30-72	30,000	22,500	48 x 216	72 x 264	48 x 216	16	88	45	5	2	9,700
	MLTDL-35-72	35,000	26,500	48 x 216	72 x 264	48 x 216	16	88	80	5	4	9,900
	MLTDL-40-72	40,000	30,000	48 x 216	72 x 264	48 x 216	20	92	80	5	4	10,000
	MLTDL-50-72	50,000	40,000	48 x 216	72 x 264	48 x 216	20	92	100	7½	6	10,200
	MLTDL-60-72	60,000	48,000	48 x 216	72 x 264	48 x 216	20	92	100	7½	6	10,400

\*Standard platforms only. \*\*Load that can be rolled over the side or end in any raised position. (Standard platform only.) \*\*\*See Power Supply Options. 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.. See page 30 for options and accessories.