



Magnum™

ECOA Series MLTQD Scissor Lift Tables



Quad Type,
Electrohydraulic
50,000 to
120,000 lb.
Capacity
For Surface or
Pit Installation

MLTQD-80-48-96168

Model Number Format

MLTQD-80-48-96168

Series "MLTQD" _____
 Hydraulic Lift Table Quadruple _____
 Capacity _____
 80 = 80,000 lbs.
 Vertical Travel _____
 48 = 48 inches
 Platform Size _____
 96168 = 96"W x 168"L

Description

ECOA MLTQD Series Lift Tables take heavy-duty lifting to another level of capability. These extra-heavy-duty electrohydraulic scissor lifts have capacities of 50,000 to 120,000 lbs., travel distances of 30 to 72 in. with platform sizes of 96 x 120 to 120 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 10 through 15HP, 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 8 secondary mechanical upper travel back-up stops.
- Smooth steel platform
- 8 in. 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

- Flow Limiter Valve at the 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.
- Hydraulic hose, SAE 100 R2AT double wire braid from cylinders to universal connection in the base frame
- Pressure line 25 micron cartridge filter
- 22 gal. reservoir, hydraulic oil not included

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. MLTQD Series Lift Tables are one of a group of ECOA Lift Tables and other materials handling products.



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Selector Table for MLTQD Series. Capacities 50,000 to 120,000 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"	MLTQD-50-30	50,000	40,000	96 x 120	120 x 168	96 x 120	16	46	40	10	4	12,000
	MLTQD-60-30	60,000	48,000	96 x 120	120 x 168	96 x 120	16	46	40	10	4	12,400
	MLTQD-70-30	70,000	56,000	96 x 120	120 x 168	96 x 120	16	46	70	10	8	12,600
	MLTQD-80-30	80,000	64,000	96 x 120	120 x 168	96 x 120	20	50	70	10	8	12,800
	MLTQD-100-30	100,000	80,000	96 x 120	120 x 168	96 x 120	20	50	100	10	12	13,200
	MLTQD-120-30	120,000	96,000	96 x 120	120 x 168	96 x 120	20	50	100	10	12	13,600
36"	MLTQD-50-36	50,000	40,000	96 x 120	120 x 168	96 x 120	16	52	45	10	4	14,000
	MLTQD-60-36	60,000	48,000	96 x 120	120 x 168	96 x 120	16	52	45	10	4	14,400
	MLTQD-70-36	70,000	56,000	96 x 120	120 x 168	96 x 120	16	52	80	10	8	14,600
	MLTQD-80-36	80,000	64,000	96 x 120	120 x 168	96 x 120	20	56	80	10	8	15,000
	MLTQD-100-36	100,000	80,000	96 x 120	120 x 168	96 x 120	20	56	110	10	12	15,200
	MLTQD-120-36	120,000	96,000	96 x 120	120 x 168	96 x 120	20	56	110	10	12	15,600
42"	MLTQD-50-42	50,000	40,000	96 x 144	120 x 192	96 x 144	16	58	40	10	4	14,400
	MLTQD-60-42	60,000	48,000	96 x 144	120 x 192	96 x 144	16	58	40	10	4	14,800
	MLTQD-70-42	70,000	56,000	96 x 144	120 x 192	96 x 144	16	58	70	10	8	15,200
	MLTQD-80-42	80,000	64,000	96 x 144	120 x 192	96 x 144	20	62	70	10	8	16,000
	MLTQD-100-42	100,000	80,000	96 x 144	120 x 192	96 x 144	20	62	100	10	12	16,400
	MLTQD-120-42	120,000	96,000	96 x 144	120 x 192	96 x 144	20	62	100	10	12	17,000
48"	MLTQD-50-48	50,000	40,000	96 x 144	120 x 192	96 x 144	16	64	45	10	4	14,600
	MLTQD-60-48	60,000	48,000	96 x 144	120 x 192	96 x 144	16	64	45	10	4	15,000
	MLTQD-70-48	70,000	56,000	96 x 144	120 x 192	96 x 144	16	64	80	10	8	15,400
	MLTQD-80-48	80,000	64,000	96 x 144	120 x 192	96 x 144	20	68	80	10	8	16,200
	MLTQD-100-48	100,000	80,000	96 x 144	120 x 192	96 x 144	20	68	110	10	12	16,600
	MLTQD-120-48	120,000	96,000	96 x 144	120 x 192	96 x 144	20	68	110	10	12	17,200
54"	MLTQD-50-54	50,000	40,000	96 x 168	120 x 216	96 x 168	16	70	60	10	4	15,400
	MLTQD-60-54	60,000	48,000	96 x 168	120 x 216	96 x 168	16	70	60	10	4	15,800
	MLTQD-70-54	70,000	56,000	96 x 168	120 x 216	96 x 168	16	70	110	10	8	16,200
	MLTQD-80-54	80,000	64,000	96 x 168	120 x 216	96 x 168	20	74	110	10	8	16,600
	MLTQD-100-54	100,000	80,000	96 x 168	120 x 216	96 x 168	20	74	110	15	12	17,000
	MLTQD-120-54	120,000	96,000	96 x 168	120 x 216	96 x 168	20	74	110	15	12	17,800
60"	MLTQD-50-60	50,000	40,000	96 x 168	120 x 216	96 x 168	16	76	65	10	4	15,600
	MLTQD-60-60	60,000	48,000	96 x 168	120 x 216	96 x 168	16	76	65	10	4	16,000
	MLTQD-70-60	70,000	56,000	96 x 168	120 x 216	96 x 168	16	76	120	10	8	16,400
	MLTQD-80-60	80,000	64,000	96 x 168	120 x 216	96 x 168	20	80	120	10	8	16,800
	MLTQD-100-60	100,000	80,000	96 x 168	120 x 216	96 x 168	20	80	120	15	12	17,200
	MLTQD-120-60	120,000	96,000	96 x 168	120 x 216	96 x 168	20	80	120	15	12	18,000
72"	MLTQD-50-72	50,000	40,000	96 x 216	120 x 264	96 x 216	16	88	65	10	4	19,000
	MLTQD-60-72	60,000	48,000	96 x 216	120 x 264	96 x 216	16	88	65	10	4	19,400
	MLTQD-70-72	70,000	56,000	96 x 216	120 x 264	96 x 216	16	88	120	10	8	19,800
	MLTQD-80-72	80,000	64,000	96 x 216	120 x 264	96 x 216	20	92	120	10	8	20,000
	MLTQD-100-72	100,000	80,000	96 x 216	120 x 264	96 x 216	20	92	120	15	12	20,400
	MLTQD-120-72	120,000	96,000	96 x 216	120 x 264	96 x 216	20	92	120	15	12	20,800

*Standard platforms only. **Load that can be rolled over the side or end in any raised position. (Standard platform only.) ***See Options, page 33. 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.