



Magnum™

ECO A Series MLTDW Scissor Lift Tables



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

MLTDW-40-48-96096

Model Number Format

MLTDW-40-48-96096

Series "MLTDW" _____
Hydraulic Lift Table Double Wide _____
Capacity _____
40 = 40,000 lbs. _____
Vertical Travel _____
48 = 48 inches _____
Platform Size _____
96096 = 96"W x 96"L

Description

ECO A MLTDW 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.

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



Magnum™

ECOA Series MLTDW Scissor Lift Tables



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

MLTDW-40-48-96096

Model Number Format

MLTDW-40-48-96096

Series "MLTDW"
Hydraulic Lift Table Double Wide
Capacity
40 = 40,000 lbs.
Vertical Travel
48 = 48 inches
Platform Size
96096 = 96"W x 96"L

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



Options and Accessories

MLT, MLTDW, MLTDL, and MLTOD Series

Mechanical		
Model	Description	Weight
Steel Safety Treadplate Bridge Plate with Hinge Assembly		
MLT-SBR-1872	Standard size 18' x 72'	
MLT-SBR-xxxx	Special size: Supply dimension width (xx), length (xx) in inches.	
MLT-SBS	Split Bridge	
Fully Automatic Mechanical Wheel Chock		
SLD-WC-1648	16' x 48" Integral with lift platform only	130 lbs.
Handrails/Toeboards		
HLD-P450-xxS	Steel 42" high Handrail with Midrail/Toeboard (xx = length or width in feet)	8 lbs./ft.
HLD-SPR-42	42" high removable steel Pipe Stanchion	9 lbs.
HLD-P499-xx	Link Chain with Snap Hooks at each end	0.5 lbs./ft.
Roll-up Safety Skirting		
Accordion Bellows Skirts		
Portability		
Platform Options		
HLD-PF-OS	Any oversize platform up to maximum size catalogued Straight Toeguards for surface mounting Capacities to 40,000 lbs. Add to standard minimum platform size Capacities over 40,000 lbs. Add to standard minimum platform size	
HLD-PF-BTG	Beveled Toeguards for Pit Mounting (add 8" min. to width & length of standard platform size)	
HLD-PF-STP	Safety Treadplate (instead of Smooth Plate Deck)	
HLT-LB	Lifting Bolts	
HLT-CONV	Conveyor Tops	

Electrical		
Model	Description	Weight
ELC-P107-30	Up-Down Push Button Station NEMA 4, Pendant Type, (1) included as standard	3 lbs.
ELC-P107-08	Push Button Station, NEMA 4, Up-Down, wall mounted	1 lb.
HLD-P008	Push Button mounted on platform with Disconnect Plug	5 lbs.
ELC-P107-03	Key Operated Up-Down Selector	3 lbs.
ELC-P107-10	Up-Down Push Button with Key Lockout	3 lbs.
ELC-P108-01	Foot Operated Control, NEMA-1 with Guard	8 lbs.
ELC-P109-xx	Limit Switch-Up, Installed xx=varies depending on model	1 lb.
ELC-P112-01	Control Coil Cord, (20' Extended) (1) included as standard	3 lbs.
HLT-PWC-15	Power Cable, 15' long with plug	
ELC-P133-01	Oil Immersion Heater with Thermostat	
ELC-WB-24-A	Intermittent Warning Buzzer with volume control-Up & Down 2 Seconds	1 lb.
HLT-P013	Electric Toeguards Tape Switch for Beveled Toeguards	2.25 lbs./ft.
HLT-P012	Electric Toeguards Tape Switch for Straight Toeguards	
ELC-P116-xx	Booster Transformers (2 required for 3PH Power Supply)	10 lbs.
ELC-P125-01	Limit Switch Cord #16-2 AWG	2 lbs.
HLD-FRL	Flashing Red Light	2 lbs.
Hydraulic		
HLD-MDV	Manual Down Valve	1 lb.
HLD-AFCV	Adjustable Flow Control Down Valve	1 lb.
HLD-PU-SP	Larger Power Unit for faster lift speeds	
HOS-P110-JIC	Hoses with Female #8 JIC fittings	.60 lbs./ft.
HOS-P111-JIC	Hoses with Female #12 JIC fittings	.84 lbs./ft.
HOS-QDC-08	Quick Disconnect Coupling (Female Pipe Thread) ½" N.P.T.	.5 lbs.
HOS-QDC-12	Quick Disconnect Coupling (Female Pipe Thread) ¾" N.P.T.	.5 lbs.
HLD-HO	Hydraulic oil	
Power Unit Assembly		
HLD-EXPU	Explosion Proof Power Unit, (Must be external)	
HLT-PU-ECD	Power Unit, External Heavy Duty, Continuous running with integral valving & large capacity reservoir (Must be external)	

Distributed By:

