

Ergonomic Solutions for Load Handling **IN-PLANT LIFTING EQUIPMENT**

Scissor Lift Tables, Tilt Tables, Upenders & Turntables

All Scissor Lift Tables Conform to ANSI MH29.1-1994 Safety Requirements for Industrial Scissor Lifts

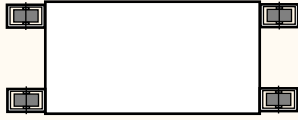




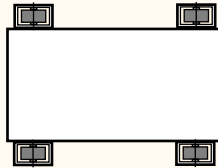
TabLift™

General Information

HLT-PORT-3A-3
Transport Wheels End
Mounted on Base Frame



HLT-PORT-3A-1
Portability Wheels Side
Mounted on Base Frame



HLT-PORT-1:
Portability Wheels End
Mounted on Base Frame



Notes: PORT-3A-2 & PORT-3A-4:
Transport wheels can be oriented 90° from those shown. Specify if required. Grooved wheels on one side. Flat wheels on the other.

Notes: HLT-PORT-1:
Tang shown for use with dolly handle.

Choice Considerations

Proper application is essential to your satisfaction. Please consider all conditions when determining the best lift for your application.

Vertical Travel

Determine the vertical travel required for your application. If the desired travel is not one of our standards, select the next higher travel from the specification tables that follow.

Lifting Capabilities, Side/End Loading Capacities

The lifting capacity is the gross total weight that the table is required to lift. The side/end load capacity is the amount of static load that can be put over the edge of a platform when the lift is in its fully raised position. Rolling loads require a 33% derating in the side/end capacities (See illustration below). Oversized platforms, also, require the side/end load capacities to be derated. The end and side load capacities must be reduced by 2% for each inch of width or length added to the standard minimum platform dimensions.

The illustration below shows the difference between edge loads (static) and axle loads (rolling). A standard model HLT-045-36-24048 lift table has the following capacities.

- Lifting capacity: 4500 lbs.
- Side/End capacities:
- (a) Edge Load (static) 3500 lbs.:
- (b) Axle Load (rolling) 2345 lbs.:
- (67% of Edge load).

Platform Size, Beveled Toeguards, Roller Shades & Accordion Bellows Skirting

Determine the platform size required for your application. Depending on the vertical travel, and the lifting capacity, the platform sizes vary. In the specifications table, you will find the minimum and maximum size of the platform for a particular model. Make sure your size falls within the range. Other factors affecting platform sizes are pit installation, mounting of accessories like bellow or roller shades.

If beveled toeguards are required for pit installation, add at least 8" to the overall width and length of standard minimum platform size. Minimum lowered height is 8".

If electric tapeswitches are required on units equipped with straight toeguard platforms, add at least 4" to overall width and length of standard minimum platform size.

For platforms other than the specified standard minimum platform to the maximum size listed, specify in Model Number Format. Figure additional square footage in excess of standard minimum platform platform, and use this number to figure additional weight (18 lb./sq. ft.) to weight of standard unit.

Frequency of Lift Operations

The ¾HP and 1½HP power units use an intermittent duty rated motor. The 3HP and 5HP power units use a continuous duty motor. When selecting a model, make sure that the frequency of operation does not exceed one full lift every 3 minutes for the ¾HP units and 4 minutes for the 1½HP units. This is to avoid overheating of the motor. Also in operations like feeding, where "jogging" is required make sure these are limited to one 2 second jog in each 45 seconds for a limited interval. In no case exceed 100 motor starts per hour. In case your operation exceeds these limits check with Marketing for a continuous-running power unit.

All internal Power Unit Models are supplied with oil and 10' of Power Cord. External Power Unit Models will not be supplied with oil or Power Supply Cord.

Lowered Height

While selecting a model take into account the maximum lowered height you can tolerate. For "flush with ground" operations consider mounting unit in a pit. For pit installations, the platforms must be made with beveled toeguards to conform with OSHA. Note that the minimum lowered height is 8" for pit installation, 10" if Roller Shades or Accordion Skirting is required.

Power Supply

The standard power supply for 1½HP power unit is 230V/1PH/60Hz. Optional power units are available to operate on 115V/1PH/60Hz, and 208/230/460V/3PH/60Hz power supplies. The standard power supply for 3HP or 5HP power units is 230V/3PH/60Hz. Optional power units are available to operate on 208V/3PH/60Hz, 460V/3PH/60Hz or 230V/1PH/60Hz power supplies. Always specify the power supply required. For proper operation on 115 Volt power supply, it is necessary to provide a separate 20 amp circuit and adequate wiring to assure an actual 115 Volts at the control box during full load operation.

Speed of Operation

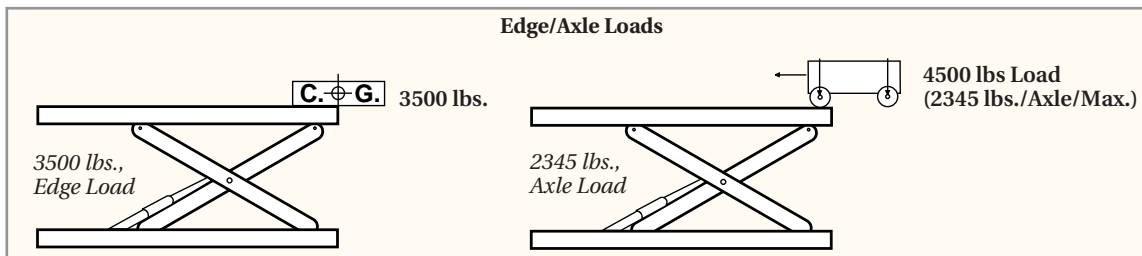
Standard speeds are mentioned in the specification tables. If faster speeds are required check with marketing.

Controls

Standard set of controls includes a UP/DN contact push-button station. Alternate controls like foot operated units, key operated UP/DN pushbutton, and automatic UP-DN controls for sheet feeding operations are also available. Check with marketing.

Special Configurations and Lifts

In addition to the standard line of lift tables, the company also has the capabilities to manufacture special configurations and scissor lifts. Consult factory for pricing and details.





TablLift™

ECO A HLT2-015-36 Series Scissor Lift Tables



Medium-Duty,
Electrohydraulic
1,500 lb. capacity
For Surface or Pit
Installation

HLT2-015-36-24048

Model Number Format

HLT2 - 015 - 36 - 24048

Series "HLT"
Hydraulic Lift Table

Base Frame Width
2 = 23½"

Capacity
015 = 1,500 lbs.

Vertical Travel
36 = 36 inches

Platform Size
24048 = 24"W x 48"L

Description

ECO A's HLT2-015-36 is an economical, medium-duty electrohydraulic scissor lift with 1,500 lbs. capacity and 36 in. Vertical Travel.

Standard Features

- HLT2 Lifts have the scissor leg roller entrapped within the base frame and platform for superior stability
- Single-acting cylinders with positive internal stops are fastened at the rod end sleeve with removable axles for enhanced maintainability
- Heavy-duty welded construction designed with a 3-to-1 safety factor, complies with ANSI MH29.1-1994
- PTFE (Teflon®) lined, composite bearings at all wear points. Hardened chrome plated axles used at all bearing surfaces.
- Scissor Legs bolted to base frame and platform at fixed (clevis) end, for enhanced maintainability and ease of disassembly, if required.
- ¾ HP, 115V/1PH integral power unit. 115VAC control voltage
- Hinged safety maintenance bars.

- Smooth steel tops
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- 10 ft. power cord (connector not included)
- Contoured Scissor Legs
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil

Limited Warranty Policy

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

Specifications are subject to change without notice.

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

HLT2-015-36 Economy Lift Table. Capacity 1,500 lbs.													
Travel	Model	Capacity (pounds)	Edge Load*		Platform Sizes (Inches)		Base Frame (Inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP	Cylinders (Qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
36"	HLT2-015-36	1,500	1,500	1,000	24 x 48	36 x 60	23½ x 47	7½	43	20	¾	1	660

*Standard platforms only. Conforms to or exceeds ANSI standard MH29.1-1994.

OPTIONS AVAILABLE:

1.	HLT-PF-0S	Oversized platform up to 36" x 60" (Straight toeguard, smooth tops only)
2.	ELC-P108-01	Foot-operated control, NEMA-1 with guard (Note: Control voltage is 115VAC)
3.	HLT-P009	Accordion Bellows Safety Skirt



TabLift™

ECO A HLTx Series Scissor Lift Tables



High-Speed, Electrohydraulic 2,500 to 6,500 lb. Capacity For Surface or Pit Installation For evenly distributed loading

HLT 2-065-36-24048

Model Number Format

HLT 2-065-36-24048

Series "HLT" _____
 Hydraulic Lift Table _____
 Base Frame Width _____
 2 = 23½", 3 = 35½", 4 = 47½"
 Capacity _____
 065 = 6,500 lbs.
 Vertical Travel _____
 36 = 36 inches
 Platform Size _____
 24048 = 24"W x 48"L

Description

ECO A's HLTx Series Lift Tables are high-speed electrohydraulic scissor lifts with capacities of 2,500 to 6,500 lbs., Vertical Travel distances of 24 in., 36 in., 48 in., and 60 in. (specific models). Base frame widths: HLT2 = 23½", HLT3 = 35½" and HLT4 = 47½". Maximum platform widths: HLT2 = 48", HLT3 = 60" and HLT4 = 72". The scissor leg rollers, both top and bottom, are entrapped within the structure of the platform and base frame to ensure maximum unit stability on all four sides.

All ECO A Lift Tables are designed and constructed for heavy-duty applications under the toughest working conditions, offering years of trouble-free operation.

Standard Features

- HLTx Lifts have the scissor leg roller entrapped within the base frame and platform for superior stability
- Single-acting cylinders with positive internal stops are fastened at the rod end sleeve with removable axles for enhanced maintainability
- Heavy-duty welded construction designed with a 3-to-1 safety factor, complies with ANSI MH29.1-1994
- PTFE (Teflon®) lined, composite bearings at all wear points. Hardened chrome plated axles used at all bearing surfaces.
- Scissor Legs bolted to base frame and platform at fixed (clevis) end, for enhanced maintainability and ease of disassembly, if required.
- 1½HP, 230V-460V/3PH or 230V/1PH integral power unit. Optional 1½HP, 115V/1PH power unit available.
- Optional Programmable Logic Controller (PLC) operates integral power unit and enables a wide array of plug & play options.
- Hinged safety maintenance bars.
- Surfaces degreased, oxide primed and finished with two coats of durable enamel.

- Safety striping and warning decals meet or exceed OSHA requirements.
- Contoured Scissor Legs
- 24V operating control voltage
- NEMA-4X constant-pressure (water-tight, oil-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 8 ft. straight cord
- 10 ft. power cord (connector not included)
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Smooth steel tops
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil

Limited Warranty Policy

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

Specifications are subject to change without notice.

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



- Hinged safety maintenance bars.
- Heavy-duty welded construction meets or exceeds ANSI MH29.1-1994



- Entrapped rollers
- Durable enamel finish.
- Safety striping and warning decals meets or exceeds OSHA requirements.



- Optional PLC operated power unit- for "Plug and Play options".
- 1½HP, 230V-460V/3PH or 230V/1PH standard power unit. Optional 1½HP, 115V/1PH power unit available.



- Contoured Scissor Legs
- Cylinder mounting with support clevis and through axles.



Selector Table for HLT2 Series.

Selector Table for HLT2 Series. Capacities 2,500 to 6,500 lbs.													
Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (Inches)		Base Frame (Inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (Qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
24"	HLT2-025-24	2,500	2,500	1,675	24 x 36	48 x 60	23½ x 35	7⅞	31	12	¾	1	560
	HLT2-035-24	3,500	3,500	2,345	24 x 36	48 x 60	23½ x 35	7⅞	31	16	¾	1	640
	HLT2-045-24	4,500	4,000	2,680	24 x 36	48 x 60	23½ x 35	7⅞	31	12	1½	2	695
	HLT2-065-24	6,500	4,500	3,015	24 x 36	48 x 60	23½ x 35	7⅞	31	16	1½	2	795
36"	HLT2-025-36	2,500	2,500	1,675	24 x 48	48 x 72	23½ x 47	7⅞	43	10	1½	1	660
	HLT2-035-36	3,500	3,500	2,345	24 x 48	48 x 72	23½ x 47	7⅞	43	14	1½	1	700
	HLT2-045-36	4,500	3,500	2,345	24 x 48	48 x 72	23½ x 47	7⅞	43	21	1½	2	795
	HLT2-065-36	6,500	3,500	2,345	24 x 48	48 x 72	23½ x 47	7⅞	43	27	1½	2	895
48"	HLT2-025-48	2,500	2,500	1,675	24 x 64	48 x 96	23½ x 63	7⅞	55	16	1½	1	805
	HLT2-035-48	3,500	3,500	2,345	24 x 64	48 x 96	23½ x 63	7⅞	55	21	1½	1	1,050
	HLT2-045-48	4,500	3,500	2,345	24 x 64	48 x 96	23½ x 63	7⅞	55	32	1½	2	1,070
	HLT2-065-48	6,500	3,500	2,345	24 x 64	48 x 96	23½ x 63	7⅞	55	42	1½	2	1,175

Selector Table for HLT3 and HLT4 Series.

Selector Table for HLT3 and HLT4 Series. Capacities 2,500 to 6,500 lbs.													
Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (Inches)		Base Frame (Inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (Qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
24"	HLT3-025-24	2,500	2,500	1,675	36 x 36	60 x 60	35½ x 35	7⅞	31	12	¾	1	700
	HLT3-035-24	3,500	3,500	2,345	36 x 36	60 x 60	35½ x 35	7⅞	31	16	¾	1	740
	HLT3-045-24	4,500	4,000	2,680	36 x 36	60 x 60	35½ x 35	7⅞	31	12	1½	2	800
	HLT3-065-24	6,500	4,500	3,015	36 x 36	60 x 60	35½ x 35	7⅞	31	16	1½	2	850
36"	HLT3-025-36	2,500	2,500	1,675	36 x 48	60 x 72	35½ x 47	7⅞	43	10	1½	1	800
	HLT3-035-36	3,500	3,500	2,345	36 x 48	60 x 72	35½ x 47	7⅞	43	14	1½	1	840
	HLT3-045-36	4,500	3,500	2,345	36 x 48	60 x 72	35½ x 47	7⅞	43	21	1½	2	900
	HLT3-065-36	6,500	3,500	2,345	36 x 48	60 x 72	35½ x 47	7⅞	43	27	1½	2	950
48"	HLT3-025-48	2,500	2,500	1,675	36 x 64	60 x 96	35½ x 63	7⅞	55	16	1½	1	920
	HLT3-035-48	3,500	3,500	2,345	36 x 64	60 x 96	35½ x 63	7⅞	55	21	1½	1	980
	HLT3-045-48	4,500	3,500	2,345	36 x 64	60 x 96	35½ x 63	7⅞	55	32	1½	2	1,040
	HLT3-065-48	6,500	3,500	2,345	36 x 64	60 x 96	35½ x 63	7⅞	55	42	1½	2	1,100
36"	HLT4-025-36	2,500	2,500	1,675	48 x 48	72 x 72	47½ x 47	7⅞	43	10	1½	1	840
	HLT4-035-36	3,500	3,500	2,345	48 x 48	72 x 72	47½ x 47	7⅞	43	14	1½	1	880
	HLT4-045-36	4,500	3,500	2,345	48 x 48	72 x 72	47½ x 47	7⅞	43	21	1½	2	940
	HLT4-065-36	6,500	3,500	2,345	48 x 48	72 x 72	47½ x 47	7⅞	43	27	1½	2	990
48"	HLT4-025-48	2,500	2,500	1,675	48 x 64	72 x 96	47½ x 63	7⅞	55	16	1½	1	960
	HLT4-035-48	3,500	3,500	2,345	48 x 64	72 x 96	47½ x 63	7⅞	55	21	1½	1	1,020
	HLT4-045-48	4,500	3,500	2,345	48 x 64	72 x 96	47½ x 63	7⅞	55	32	1½	2	1,080
	HLT4-065-48	6,500	3,500	2,345	48 x 64	72 x 96	47½ x 63	7⅞	55	42	1½	2	1,140
60"	HLT4-025-60	2,500	2,500	1,675	48 x 88	72 x 108	47½ x 83	8	68	32	1½	2	1,425
	HLT4-035-60	3,500	3,500	2,345	48 x 88	72 x 108	47½ x 83	8	68	32	1½	2	1,525
	HLT4-045-60	4,500	3,500	2,345	48 x 88	72 x 108	47½ x 83	8	68	42	1½	2	1,900
	HLT4-065-60	6,500	3,500	2,345	48 x 88	72 x 108	47½ x 83	8	68	42	1½	2	2,025

*Standard platforms only. The end and side load capacities must be reduced by 2% for each inch of width or length added to the standard platform size. For higher capacity or larger platform wide base units, contact marketing. *The standard 1½HP power units require 230V/1PH/60Hz power supply. Alternate 208/230/460V,3PH power unit is available. See page 21 for options and accessories. **24" V.T. only. If available power supply is 115V/1PH, a ¾ H.P. power unit is required. This will double the upspeed.



TablLift™

ECO A HH Heavy Duty Series Scissor Lift Tables



Heavy-Duty,
Electrohydraulic
8,000 to 12,000 lb.
Capacity
For Surface or Pit
Installation

HH-120-36-36048

Model Number Format

HH-120-36-36048

Series "HH" _____

Heavy Hydraulic Lift Table _____

Capacity _____

120 = 12,000 lbs.

Vertical Travel _____

36 = 36 inches

Platform Size _____

36048 = 36"W x 48"L

Description

ECO A HH Heavy Duty Series Lift Tables are heavy-duty electrohydraulic scissor lifts with capacities of 8,000 to 12,000 lbs., travel distances are 36 to 60 in. with platform sizes of 36 x 48 to 48 x 102 in.

All ECO A Lift Tables are designed and constructed for heavy-duty applications under the toughest working conditions, offering years of trouble-free operation.

Standard Features

- Internally-mounted 3HP, 208/230/460V, 3PH, 60Hz, continuous duty rated motor. Please specify required voltage
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 8 ft. straight cord
- NEMA-12 wired controls (dust/drip-tight industrial type) with liquid-tight electrical connectors
- The control box contains magnetic starter, control transformer, thermal overload and fuses
- All controller components are UL and/or CSA approved
- 24V operating control voltage
- Optional 3HP 230V/1PH/0Hz power unit available
- Optional 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

- 10 ft. power cord (connector not included)
- Smooth steel tops
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- 5¼ in. straight toeguards with yellow and black safety stripes on all four sides
- Hinged safety restraint maintenance bars
- Lifetime self-lubricating, PTFE lined, composite bearings
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Single-acting cylinders with positive internal stops are fastened at the rod end sleeve with removable axles for enhanced maintainability
- Includes hydraulic oil

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. HH Series Lift Tables are one of a group of ECO A Lift Tables.

Selector Table for HH Series. Capacities 8,000 to 12,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (Inches)		Base Frame (Inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (Qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
36"	HH-080-36	8,000	7,000	4,690	36 x 48	48 x 72	35½ x 48	9¼	45	20	3	2	1,120
	HH-100-36	10,000	7,000	4,690	36 x 48	48 x 72	35½ x 48	9¼	45	23	3	3	1,245
	HH-120-36	12,000	7,000	4,690	36 x 48	48 x 72	35½ x 48	9¼	45	30	3	3	1,350
48"	HH-080-48	8,000	7,000	4,690	36 x 64	48 x 88	35½ x 64	9¼	57	23	3	2	1,400
	HH-100-48	10,000	7,000	4,690	36 x 64	48 x 88	35½ x 64	9¼	57	35	3	3	1,600
	HH-120-48	12,000	7,000	4,690	36 x 64	48 x 88	35½ x 64	9¼	57	45	3	3	1,800
60"	HH-080-60	8,000	7,000	4,690	36 x 84	48 x 102	35½ x 84	10	70	40	3	2	1,700
	HH-100-60	10,000	7,000	4,690	36 x 84	48 x 102	35½ x 84	10	70	45	3	3	1,950
	HH-120-60	12,000	7,000	4,690	36 x 84	48 x 102	35½ x 84	10	70	60	3	3	2,200

*Standard platforms 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. See page 21 for options and accessories. Conforms to or exceeds ANSI standard MH29.1-1994.



TabLift™

ECO A HLT2DW Series Scissor Lift Tables



Double Wide Base
Double Wide Scissor Legs
Electrohydraulic
4,000 to 12,000 lb. Capacity
For Surface or Pit Installation
For off-balance loading

HLT2DW-060-36-60060

Model Number Format

HLT2DW-060-36-60060

Series "HLT2DW" _____
Hydraulic Lift Table Double Wide _____
Capacity _____
060 = 6,000 lbs.
Vertical Travel _____
36 = 36 inches
Platform Size _____
60060 = 60"W x 60"L

Description

ECO A HLT2DW Series Lift Tables are heavy-duty electrohydraulic, with double-wide scissor legs for applications requiring wider platforms with greater side loading capacity in an extra-wide configuration. Load capacities are 4,000 to 12,000 lbs., travel distances are 24 to 48 in. with platform sizes of 48 x 36 to 72 x 96 in.

All ECO A Lift Tables are designed and constructed for heavy-duty applications under the toughest working conditions, offering years of trouble-free operation.

Standard Features

- Internally-mounted 1 1/2HP, 230V, 1PH, 60Hz or 1 1/2HP, 115V, 1PH, 60 Hz or 208/230/460V, 3PH, 60Hz intermittent duty TENV super torque motor. Specify required voltage
- All controller components are UL and/or CSA approved
- 24V operating control voltage
- NEMA-4X constant-pressure (water-tight, oil-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 8 ft. straight cord
- Cylinders with internal stops
- 10 ft. power cord (connector plug not included)
- Smooth steel tops

- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- 3 3/4 in. straight toeguards with yellow and black safety stripes
- Lifetime self-lubricating, PTFE lined, composite bearings
- Safety restraint maintenance bars
- Internal high-pressure gear pump, check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil
- Optional Programmable Logic Controller (PLC) operates integral power unit- enables a large array of different plug & play options.

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. HLT2DW Series Lift Tables are one of a group of ECO A Lift Tables.

Selector Table for HLT2DW Series. Capacities 4,000 to 12,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (inches)		Base Frame (inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
24"	HLT2DW-040-24	4,000	3,000	2,050	48 x 36	72 x 60	47 1/2 x 35	7	55	12	1 1/2***	2	1,320
	HLT2DW-060-24	6,000	3,500	2,345	48 x 36	72 x 60	47 1/2 x 35	7	31	16	1 1/2	2	1,440
	HLT2DW-180-24	8,000	3,500	2,345	48 x 36	72 x 60	47 1/2 x 35	7	31	24	1 1/2	4	1,500
	HLT2DW-100-24	10,000	3,500	2,345	48 x 36	72 x 60	47 1/2 x 35	7	31	31	1 1/2	4	1,790
	HLT2DW-120-24	12,000	2,000	2,345	48 x 36	72 x 60	47 1/2 x 35	8	31	31	1 1/2	4	1,790
36"	HLT2DW-040-36	4,000	3,000	2,010	48 x 48	72 x 72	47 1/2 x 47	7	43	21	1 1/2	2	1,520
	HLT2DW-060-36	6,000	3,500	2,345	48 x 48	72 x 72	47 1/2 x 47	7	43	27	1 1/2	2	1,600
	HLT2DW-080-36	8,000	3,500	2,345	48 x 48	72 x 72	47 1/2 x 47	7	43	42	1 1/2	4	1,790
	HLT2DW-100-36	10,000	3,500	2,345	48 x 48	72 x 72	47 1/2 x 47	7	43	50	1 1/2	4	1,990
	HLT2DW-120-36	12,000	3,500	2,345	48 x 48	72 x 72	47 1/2 x 47	8	43	55	1 1/2	4	1,990
48"	HLT2DW-040-48	4,000	3,000	2,010	48 x 64	72 x 96	47 1/2 x 63	7	55	32	1 1/2	2	1,810
	HLT2DW-060-48	6,000	3,500	2,345	48 x 64	72 x 96	47 1/2 x 63	7	55	42	1 1/2	2	2,300
	HLT2DW-080-48	8,000	3,500	2,345	48 x 64	72 x 96	47 1/2 x 63	7	55	64	1 1/2	4	2,350
	HLT2DW-100-48	10,000	3,500	2,345	48 x 64	72 x 96	47 1/2 x 63	7	55	80	1 1/2	4	2,550
	HLT2DW-120-48	12,000	3,500	2,345	48 x 64	72 x 96	47 1/2 x 63	8	55	83	1 1/2	4	2,550

*Standard platforms 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. Standard power supply required: 230V/1PH/60Hz. *** (Only on 24" V.T.) If available power supply is 115V/1PH/60Hz, a 3/4 HP motor is required. This will double the upspeed. Internal 3 phase power unit 208V/230V/460V available. Optional Hi-Speed 3HP 208V/230V/460V/3PH/60Hz power unit available. Speeds for Hi-Speed units will be 2/3 greater than speeds specified (multiply by 0.67). Lowered height is 8" minimum for 3HP power unit. See page 21 for options and accessories.



TablLift™

ECO A HLT2DL Heavy Duty Series Scissor Lift Tables



Double-Long Platform
Electrohydraulic
4,000 to 10,000 lb.
Capacity
For Surface or Pit
Installation

HLT2DL-040-36-48120

Model Number Format

HLT2DL-040-36-48120

Series "HLT2DL" _____
Hydraulic Lift Table Double Long _____
Capacity _____
040 = 4,000 lbs.
Vertical Travel _____
36 = 36 inches
Platform Size _____
48120 = 48"W x 120"L

Description

ECO A HLT2DL Series Lift Tables are heavy-duty electrohydraulic, with double-long scissor legs for users requiring longer platforms with greater end stability in a rugged, extra-long configuration. Load capacities are 4,000 to 10,000 lbs., travel distances are 24 to 48 in. with platform sizes of 24 x 72 to 48 x 176 in.***

All ECO A Lift Tables are designed and constructed for heavy-duty applications under the toughest working conditions, offering years of trouble-free operation.

Standard Features

- Internally-mounted 1 1/2 HP, 230V, 1PH, 60Hz or 1 1/2 HP, 115V, 1PH, 60 Hz or 208/230/460V, 3PH, 60Hz intermittent duty TENV super torque motor. Specify required voltage
- All controller components are UL and/or CSA approved
- 24V operating control voltage
- NEMA-4X constant-pressure (water-tight, oil-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 8 ft. straight cord
- 10 ft. power cord (connector not included)
- Cylinders with internal stops
- Smooth steel tops
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles

- Surfaces degreased, oxide primed and finished with two coats of enamel
- 3 3/4 in. straight toeguards with yellow and black safety stripes
- Lifetime self-lubricating, PTFE composite bearings
- Hinged safety restraint maintenance bars
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil
- Optional Programmable Logic Controller (PLC) operates integral power unit—enables a large array of plug & play options.

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. HLT2DL Series Lift Tables are one of a group of ECO A Lift Tables and other materials handling products. ***Note: HLT3DL & HLT4DL wide base, double long units are also available. Contact Marketing.

Selector Table for HLT2DL Series. Capacities 4,000 to 10,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (inches)		Base Frame (inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
24"	HLT2DL-040-24	4,000	3,000	2,010	24 x 72	48 x 120	23 1/2 x 71	7 1/2	31	12	1 1/2***	2	1,120
	HLT2DL-060-24	6,000	3,500	2,345	24 x 72	48 x 120	23 1/2 x 71	7 1/2	31	16	1 1/2	2	1,280
	HLT2DL-180-24	8,000	3,500	2,345	24 x 72	48 x 120	23 1/2 x 71	7 1/2	31	24	1 1/2	4	1,390
	HLT2DL-100-24	10,000	3,500	2,345	24 x 72	48 x 120	23 1/2 x 71	7 1/2	31	31	1 1/2	4	1,590
36"	HLT2DL-040-36	4,000	3,000	2,010	24 x 96	48 x 144	23 1/2 x 95	7 1/2	43	20	1 1/2	2	1,320
	HLT2DL-060-36	6,000	3,500	2,345	24 x 96	48 x 144	23 1/2 x 95	7 1/2	43	26	1 1/2	2	1,400
	HLT2DL-080-36	8,000	3,500	2,345	24 x 96	48 x 144	23 1/2 x 95	7 1/2	43	40	1 1/2	4	1,590
	HLT2DL-100-36	10,000	3,500	2,345	24 x 96	48 x 144	23 1/2 x 95	7 1/2	43	50	1 1/2	4	1,790
48"	HLT2DL-040-48	4,000	3,000	2,010	24 x 128	48 x 176	23 1/2 x 127	7 1/2	55	20	1 1/2	2	1,600
	HLT2DL-060-48	6,000	3,500	2,345	24 x 128	48 x 176	23 1/2 x 127	7 1/2	55	26	1 1/2	2	2,100
	HLT2DL-080-48	8,000	3,500	2,345	24 x 128	48 x 176	23 1/2 x 127	7 1/2	55	40	1 1/2	4	2,170
	HLT2DL-100-48	10,000	3,500	2,345	24 x 128	48 x 176	23 1/2 x 127	7 1/2	55	50	1 1/2	4	2,350

*Standard platforms 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. Standard power supply required: 230V/1PH/60Hz. *** (24" V.T. only) If available power supply is 115V/1PH/60Hz, a 3/4 HP motor is required. This will double the upspeed. Alternate internal 3 phase power unit 208V/230V/460V available. Optional Hi-Speed 3HP 230V/460V/3PH/60Hz power unit available. Speeds for Hi-Speed units will be % greater than speeds specified (multiply by 0.67). Minimum lowered height with optional 3HP Power Unit is 8" (Not available on 24" V.T. Models). See page 21 for options and accessories.

HLT3DL platform widths range from 36" W to 60"W. HLT4DL platform widths range from 48"W to 72"W. HLT3DL and HLT4DL platform lengths equal to HLT2DL (equal for same V.T.).



High Cycle TablLift™

ECOA HLTxHC High Cycle Series Scissor Lift Tables



Moderate-Duty,
Electrohydraulic
2,500 to 4,000 lb.
Capacity

**HLT2HC-040-36-
24048**

Model Number Format

HLT2HC - 040 - 36 - 24048

Series "HLT2" _____
Hydraulic Lift Table _____
HC = High Cycle _____
Capacity _____
040 = 4,000 lbs. _____
Vertical Travel _____
36 = 36 inches _____
Platform Size _____
24048 = 24"W x 48"L

Description

ECOA HLTxHC Series Lift Tables are High-Cycle, electrohydraulic scissor lifts, designed for applications where overall cycles exceed 40,000 per year, up to a maximum of 100,000 cycles per year.

The HLTxHC lifts are designed for moderate load, moderately high-speed applications, where continued preventive maintenance is possible.

For heavy load, high-speed, high-frequency applications, consult Marketing.

Standard Features

■ HLTxHC lifts have sealed cam-follower rollers entrapped within base frame and platform for superior stability, enhanced durability, and trouble free operation. Rollers run on hardened tracks.

■ Double acting cylinders with positive internal stops are pinned at the rod end sleeve with removable pins, and at the thrust angle with removable gibs, for enhanced maintainability.

■ Heavy duty welded construction designed with a 3-to-1 safety factor, complies with ANSI MH29.1 - 1994.

■ PTFE (Teflon) lined composite bearings at all wear points.

Hardened chrome plated pins used at all bearing surfaces. Center axle pivot bearings are retained within removable hubs, for ease of maintenance and inspection. All pivot bearings are replaceable, if necessary.

■ Scissor legs bolted to base frame and platform at fixed (clevis) end, for enhanced maintainability and ease of disassembly, if required.

■ 3 HP 230V-460V/3 PH or 230V/1 PH continuous-running remote power unit with large integral reservoir, powers lift up and down for increased speeds. Optional 1½ HP power unit available.

■ Optional Programmable Logic Controller (PLC) operates integral power unit - enables large array of different options.

■ Hinged safety maintenance bars.

■ Surfaces degreased, oxide primed, finished with durable enamel.

■ High-Cycle Lift Tables are also available in HLT3HC and HLT4HC models. Consult Marketing.

Limited Warranty Policy

Refer to Warranty Form for specific details.

Specifications are subject to change without notice.

HLTxHC Series Lift Tables are one of a group of ECOA Lift Tables.

Selector Table for HLTx HC Series. Capacities 2,500 to 4,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (Inches)		Base Frame (Inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (Qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
24"	HLT2HC-025-24	2,500	2,500	1,675	24¼ x 36	36 x 60	23½ x 35	7¼	31	8	3	2	695
	HLT2HC-040-24	4,000	4,000	2,680	24¼ x 36	36 x 60	23½ x 35	7¼	31	10	3	2	795
36"	HLT2HC-025-36	2,500	2,500	1,675	24¼ x 48	36 x 72	23½ x 47	7¼	43	14	3	2	795
	HLT2HC-040-36	4,000	3,500	2,345	24¼ x 48	36 x 72	23½ x 47	7¼	43	18	3	2	895
48"	HLT2HC-025-48	2,500	2,500	1,675	24¼ x 64	36 x 88	23½ x 63	7¼	55	21	3	2	1,070
	HLT2HC-040-48	4,000	3,500	2,345	24¼ x 64	36 x 88	23½ x 63	7¼	55	28	3	2	1,175
HLT3HC Series 35%" Wide Base Frames													
24"	HLT3HC-025-24	2,500	2,500	1,675	36¼ x 36	48 x 60	35% x 35¼	7¼	31	9	3	2	925
	HLT3HC-040-24	4,000	3,500	2,345	36¼ x 36	48 x 60	35% x 35¼	7¼	31	12	3	2	985
36"	HLT3HC-025-36	2,500	2,500	1,675	36¼ x 48	48 x 72	35% x 47¼	7¼	43	14	3	2	1,075
	HLT3HC-040-36	4,000	3,500	2,345	36¼ x 48	48 x 72	35% x 47¼	7¼	43	18	3	2	1,185
48"	HLT3HC-025-48	2,500	2,500	1,675	36¼ x 64	48 x 88	35% x 63¼	7¼	55	21	3	2	1,258
	HLT3HC-049-48	4,000	3,500	2,345	36¼ x 64	48 x 88	35% x 63¼	7¼	55	27	3	2	1,298
HLT4HC Series 47%" Wide Base Frames													
36"	HLT4HC-025-36	2,500	2,500	1,675	48¼ x 48	60 x 60	47% x 47¼	7¼	43	14	3	2	1,145
	HLT4HC-040-36	4,000	3,500	2,345	48¼ x 48	60 x 60	47% x 47¼	7¼	43	18	3	2	1,195
48"	HLT4HC-025-48	2,500	2,500	1,675	48¼ x 64	60 x 88	47% x 63¼	7¼	55	21	3	2	1,295
	HLT4HC-040-48	4,000	3,500	2,345	48¼ x 64	60 x 88	47% x 63¼	7¼	55	27	3	2	1,305
60"	HLT4HC-025-60	2,500	2,500	1,675	48¼ x 84	60 x 102	47% x 83¼	8	68	22	3	2	1,325
	HLT4HC-040-60	4,000	3,500	2,345	48¼ x 84	60 x 102	47% x 83¼	8	68	28	3	2	1,415

*Standard platforms 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. See page 21 for options and accessories. Conforms to or exceeds ANSI standard MH29.1-1994.



AirLift™

ECO A AL Series Pneumatic Scissor Lift Tables



Medium-Duty,
Pneumatic
2,000 to 4,000 lb.
Capacity

AL-020-24-25048

Model Number Format

AL - 020 - 24 - 25048

Series "AL" _____
Pneumatic Lift Table _____
Capacity _____
020 = 2,000 lbs.
Vertical Travel _____
24 = 24 inches
Platform Size _____
25048 = 25"W x 48"L

Description

ECO A AL Series Lift Tables are pneumatically operated scissor lifts with capacities of 2,000 to 4,000 lbs., and travels distances of 12 to 24 inches.

Standard Features

- AL Series lifts have chrome-plated rollers entrapped within base frame and platform for superior stability, enhanced durability, and trouble free operation.
- Durable 2-ply, 3-convoluted, rubber air spring actuator(s) comes with lifetime warranty.

- Heavy duty welded construction designed with a 3-to-1 safety factor, complies with ANSI MH29.1 - 1994.
- PTFE (Teflon) lined, lifetime lubricated, composite bearings at all wear points. Hardened chrome plated pins used at all bearing surfaces.
- Scissor legs bolted to base frame and platform at fixed (clevis) end, for enhanced maintainability and ease of disassembly, if required.
- Removable roller gibs facilitate maintenance operations, and allow for ease of disassembly, if required.

- Pedestal mounted up/down control valve with 10' of 1/2" pneumatic hose standard, optional foot operated control valve available.
- Adjustable Hydraulic Damper provides positive load control.
- Adjustable down flow control, and pressure relief valve, assure safe operation in the event of an airline rupture, or overloading of lift.
- Surfaces degreased, oxide primed, finished with durable enamel.
- Entrapped upper and lower rollers for greater stability
- Pneumatically powered by a heavy-duty air spring

- Durable enamel finish
- Hinged safety maintenance bars
- ANSI MH29.1-1994 safety compliance
- Mechanical stops for 'up' travel
- Hand or foot control

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. AL Series Lift Tables are one of a group of ECO A Lift Tables.

AL Series												
Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (Inches)		Base Frame (Inches)	Height (Inches)		Up Speeds (seconds)	Air Bags (Qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised			
12"	AL-020-12	2,000	2000	1280	25½ x 36	48 x 60	24¾ x 35¼	8	20	**	1	795
24"	AL-020-24	2,000	2000	1280	25½ x 48	48 x 72	24¾ x 47¼	8	32	**	1	985
24"	AL-040-24	4,000	4000	2680	41 x 48	60 x 72	40½ x 47¼	8	32	**	2	1,120
ALTT Air Lift and Manual Turn Series												
12"	ALTT-020-12	2,000	0**	0**	37 x 37	48 x 48	24¾ x 35¼	11¼	23¼	-	1	985
24"	ALTT-020-24	2,000	0**	0**	37 x 37	48 x 48	24¾ x 47¼	11¼	35¼	-	1	1,105
24"	ALTT-040-24	4,000	0**	0**	41 x 48	60 x 60	40½ x 47¼	11¼	35¼	-	2	1,255

*Standard platforms only. **Up-speeds will depend on available air supply, flow rate & supply pressure. Oversized platforms, beveled toeguards, roller shades, and accordion skirting will affect overall size. See page 21 for options and accessories. Conforms to or exceeds ANSI standard MH29.1-1994.

AT Standard Features

- Pneumatically powered by a heavy-duty air spring
- Hinged maintenance bars
- Dual safety chains
- ANSI MH 29.1-1994 safety compliance
- High performance lifetime self-lubricating bushings
- Motion stabilizer

- Pressure relief valve
- Hand or foot control
- 42" high pedestal for hand control
- Pit mounted units with beveled toe guards
- Accordion bellows

Options

- Stainless steel top
- Custom colors
- Ball transfer top
- Roller conveyors

Selector Chart for AirTilt Series Tables

Model	Capacity (pounds)	Tilt Angle (degrees)	Platform Sizes (Inches)		Lowered Height Maximum (Inches)	Tilt Time (seconds)*	Weight (pounds)
			Standard	Standard			
AT-20	2,000	35	36 x 48	48 x 60	8	*	525
AT-40	4,000	35	48 x 48	60 x 60	8	*	600

Options and Accessories

Model	Description
AL-FT-CONT	(2) Two pedal air foot operated controls with base plate and 10' of pneumatic hose for "AirLift" units only.
TT-DETC-XX	Spring activated detents for manual turntable at 45°, 90° or 180° degrees with roller and cam.
TT-DETS-XX	Automatic cam detents for manual turntable at 45°, 90° or 180° degrees with roller and cam.
TT-RD	Round Platform instead of standard square for manual turntable.
TT-SUBBASE	Sub-base mounted under unit for increased lowered and raised height.
TT-CST	3"x3"x3" corner stops mounted to all four corners of deck top.

*Actual tilt times depend on available air supply, flow rate and supply pressure.



TablLift™

ECO A CDL Series Scissor Lift Tables



Compact Double,
Electrohydraulic
500 to 2,000 lb.
Capacity
For Surface or
Pit Installation

CDL -15-36-18036

Model Number Format

CDL-15-36-18036

Series "CDL" _____
 Compact Lift Table _____
 Capacity _____
 15 = 1,500 lbs.
 Vertical Travel _____
 36 = 36 inches
 Platform Size _____
 18036 = 18"W x 36"L

Description

ECO A CDL Series Compact Double Scissor Lifts are high-speed electrohydraulic scissor lifts with capacities of 500 to 2,000 lbs., travel distance of 36 in. with platform size of 18 x 36 to 30 x 60 in.

All ECO A Lift Tables are designed and constructed for heavy-duty applications under the toughest working conditions, offering years of trouble-free operation.

Standard Features

- Internally-mounted ¾HP, 115V, 1PH, 60Hz intermittent duty TENV super torque motor
- 115V operating control voltage
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton box with 8 ft. straight cord
- 10 ft. power cord (connector plug not included)
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Smooth steel tops and straight safety toeguards

- Lifetime self-lubricating, anti-friction bearings at all pivot points
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. CDL Series Scissor Lifts are one of a group of ECO A Lift Tables and other materials handling products.

Selector Table for CDL Series. Capacities 500 to 2,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum Static	Platform Sizes (inches)		Base Frame (inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP	Cylinders (qty.)	Ship* Weight (pounds)
				Standard	Maximum		Lowered	Raised				
36"	CDL-05-36	500	250	18 x 36	30 x 60	18 x 36	7	43	13	¾	1	250
	CDL-10-36	1,000	500	18 x 36	30 x 60	18 x 36	7	43	26	¾	2	295
	CDL-15-36	1,500	750	18 x 36	30 x 60	18 x 36	7	43	26	¾	2	320
	CDL-20-36	2,000	1,000	18 x 36	30 x 60	18 x 36	7	43	19	¾	3	340

*Standard platforms 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. See page 21 for options and accessories.



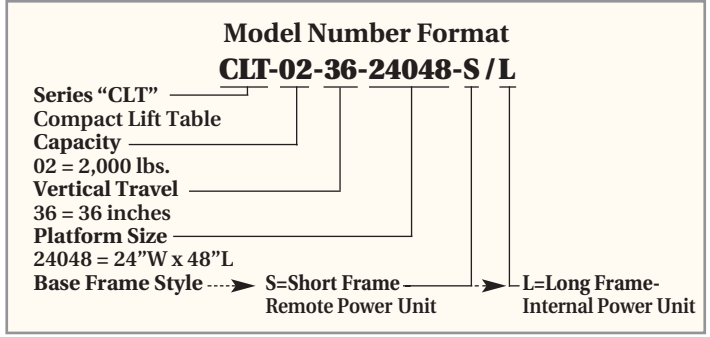
TabLift™

ECO A CLT Series Scissor Lift Tables



Compact, Electrohydraulic 2,000 to 6,000 lb. Capacity For Surface or Pit Installation

CLT-02-36-24048-L



Description

ECO A CLT-series Lift Tables are heavy-duty electrohydraulic scissor lifts with small platforms and high travel for an infinite number of applications. Load capacities are 2,000 to 6,000 lbs., travel distances of 36 to 48 in. with platform sizes of 24 x 36 to 48 x 84 in.

Standard Features

- Base and platform rollers are retained inside the channel frames
- Internally or externally mounted 3/4HP, 115/230 V, 1PH, 60Hz or 208/230/460V, 3PH, 60Hz intermittent duty TENV super torque motor. Specify required voltage
- 24V operating control voltage
- NEMA-4X constant-pressure (water-tight, oil-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 8 ft. straight cord
- NEMA-12 prewired controls (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
- 10 ft. power cord (connector not included)
- Cylinders with internal stops
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Smooth steel tops
- 3 3/4 in. straight toe guards with yellow and black safety stripes
- Lifetime self-lubricating, PTFE lined, composite bearings
- Safety restraint maintenance bars
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters

- Includes hydraulic oil
- Limited Warranty Policy**
Refer to Warranty Form for specific details. Specifications are subject to change without notice. CLT Series Lift Tables are one of a group of ECO A Lift Tables and other materials handling products.

Selector Table for CLT Series. Capacities 2,000 to 6,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (inches)		Base Frame (inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
Short Frame Units***													
36"	CLT-02-36-S	2,000	1,000	670	24 x 36	48 x 72	22 1/2 x 35	8 1/2	44 1/2	15	3/4	1	600
	CLT-03-36-S	3,000	1,500	1,005	24 x 36	48 x 72	22 1/2 x 35	8 1/2	44 1/2	30	3/4	2	650
	CLT-04-36-S	4,000	2,000	1,340	24 x 36	48 x 72	22 1/2 x 35	8 1/2	44 1/2	30	3/4	2	700
	CLT-05-36-S	5,000	2,500	1,675	24 x 36	48 x 72	22 1/2 x 35	8 1/2	44 1/2	40	3/4	2	750
	CLT-06-36-S	6,000	3,000	2,010	24 x 36	48 x 72	22 1/2 x 35	8 1/2	44 1/2	40	3/4	2	775
48"	CLT-02-48-S	2,000	1,000	670	24 x 48	48 x 84	22 1/2 x 44	8 1/2	56 1/2	20	3/4	1	650
	CLT-03-48-S	3,000	1,500	1,005	24 x 48	48 x 84	22 1/2 x 44	8 1/2	56 1/2	35	3/4	2	700
	CLT-04-48-S	4,000	2,000	1,340	24 x 48	48 x 84	22 1/2 x 44	8 1/2	56 1/2	35	3/4	2	725
	CLT-05-48-S	5,000	2,500	1,675	24 x 48	48 x 84	22 1/2 x 44	8 1/2	56 1/2	80	3/4	2	800
	CLT-06-48-S	6,000	3,000	2,010	24 x 48	48 x 84	22 1/2 x 44	8 1/2	56 1/2	80	3/4	2	825
Long Frame Units***													
36"	CLT-02-36-L	2,000	1,000	670	24 x 48	48 x 72	22 1/2 x 47	8 1/2	44 1/2	15	3/4	1	650
	CLT-03-36-L	3,000	1,500	1,005	24 x 48	48 x 72	22 1/2 x 47	8 1/2	44 1/2	30	3/4	2	700
	CLT-04-36-L	4,000	2,000	1,340	24 x 48	48 x 72	22 1/2 x 47	8 1/2	44 1/2	30	3/4	2	725
	CLT-05-36-L	5,000	2,500	1,675	24 x 48	48 x 72	22 1/2 x 47	8 1/2	44 1/2	40	3/4	2	800
	CLT-06-36-L	6,000	3,000	2,010	24 x 48	48 x 72	22 1/2 x 47	8 1/2	44 1/2	40	3/4	2	825
48"	CLT-02-48-L	2,000	1,000	670	24 x 60	48 x 84	22 1/2 x 56	8 1/2	56 1/2	20	3/4	1	700
	CLT-03-48-L	3,000	1,500	1,005	24 x 60	48 x 84	22 1/2 x 56	8 1/2	56 1/2	35	3/4	2	750
	CLT-04-48-L	4,000	2,000	1,340	24 x 60	48 x 84	22 1/2 x 56	8 1/2	56 1/2	35	3/4	2	775
	CLT-05-48-L	5,000	2,500	1,675	24 x 60	48 x 84	22 1/2 x 56	8 1/2	56 1/2	80	3/4	2	850
	CLT-06-48-L	6,000	3,000	2,010	24 x 60	48 x 84	22 1/2 x 56	8 1/2	56 1/2	80	3/4	2	875

*Standard platforms only. **See options. *** Standard for short frame units is remote power unit. Standard for long frame units is internal power unit. Oversized platforms, beveled toe guards, 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. See page 21 for options and accessories.



SpaceSaver™ LifTilt

ECO A CLTLT Series Lift and Tilt Tables



Heavy-Duty, Electrohydraulic 2,000 to 6,000 lb. Capacity For Surface or Pit Installation

CLTLT-02-45-48048

Model Number Format

CLTLT-02-45-48048

Series "CLTLT" _____
 Lift and Tilt Table _____
 Capacity _____
 02 = 2,000 lbs.
 Angle of Tilt _____
 45 = 45 degrees
 Platform Size _____
 48048 = 48"W x 48"L

Description

ECO A CLTLT Series Hydraulic SpaceSaver Lift and Tilt Tables are heavy-duty electrohydraulic tables with capacities of 2,000 to 6,000 lbs., angle of tilt to 45 degrees with platform sizes of 24 x 48 to 48 x 60 in. The SpaceSaver lifts and tilts within its own base frame, allowing the tilt operation to work within a minimum of floor area for maximum efficiency. The hydraulic system is powered up and down utilizing double acting cylinders. The leg rollers are entrapped within the base and platform frame to ensure maximum stability.

Standard Features

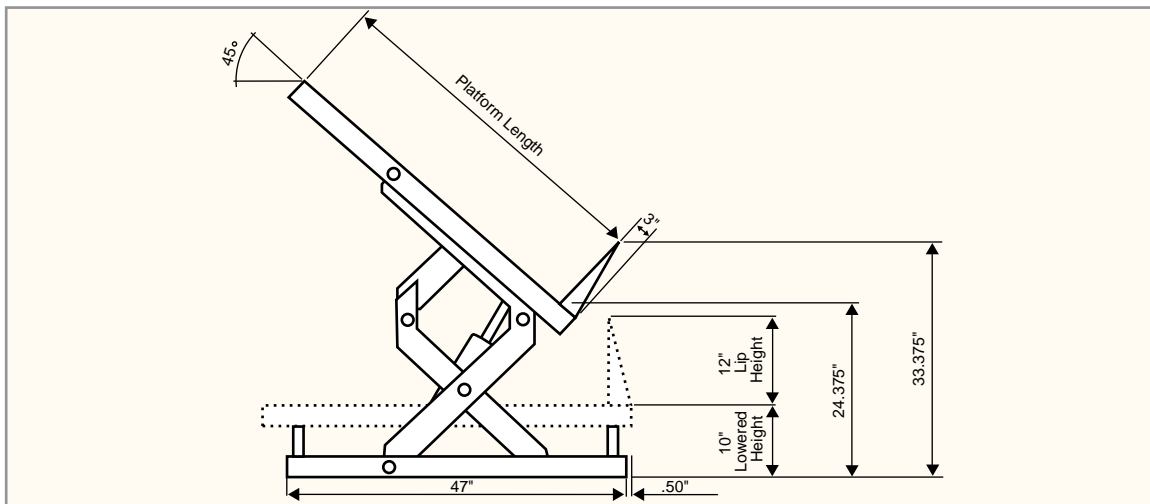
- Base and platform leg rollers are entrapped within the channel frame for maximum stability.
- Internally-mounted ¾HP, 115/230V, 1PH, 60Hz, or 208/230/460V, 3PH, 60 Hz intermittent duty TENV super torque motor. Specify voltage required. If 115V, 1PH, 60Hz voltage is required, a 20 amp circuit is necessary.
- 24 V operating control voltage
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" Pushbutton box with 8 ft. straight cord
- NEMA-12 prewired controls (dust/drip-tight industrial type) with liquid-tight electrical connectors. Control box contains magnetic

- starter, control transformer, thermal overload and fuses
- 10 ft. power cord (connector plug not included)
- 12 in. high lip on pivot end
- Double-acting hydraulic cylinders
- Smooth steel tops with 3¾ in. straight safety toeguards with black and yellow safety stripes on toeguards
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Lifetime self-lubricating, anti-friction bearings at all pivot points
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control

- valve, solenoid valve, suction and return filters
- Includes hydraulic oil
- Limited Warranty Policy**
 Refer to Warranty Form for specific details.
 Specifications are subject to change without notice.
 CLTLT Series Lift and Tilt Tables are one of a group of ECO A materials handling products.

Angle of Tilt	Model	Capacity (pounds)	Platform Sizes (inches)		Base Frame (inches)	Height (Inches) Lowered	Up Speeds (seconds)	Cylinders (qty.)	Motor Std. HP	Ship Weight (pounds)
			Standard	Maximum						
45°	CLTLT-02-45	2,000	24 x 48	48 x 60	22½ x 47	10	15	1	¾	675
	CLTLT-04-45	4,000	24 x 48	48 x 60	22½ x 47	10	22	1	¾	725
	CLTLT-06-45	6,000	24 x 48	48 x 60	22½ x 47	10	32	2	¾	800

The standard unit comes equipped with smooth top deck, straight toeguards and 12" lip. For higher capacity or high speed units contact marketing. The standard ¾HP Power Units are internal and power supply 115/230V, 1PH, 60Hz. Specify voltage required. If 115V, 1PH, 60Hz. voltage is required, a 20 amp circuit is necessary. Units are powered up and down with double acting cylinders. The leg rollers are entrapped within the base frame to ensure maximum unit stability. The SpaceSaver tilts within its own base frame, allowing the tilt operation to work in a minimum floor area for maximum efficiency.





Myti-Lift™ Tables

ECO A CLTMYT Series



Compact,
Ergonomic,
Electrohydraulic
500 to 1,000 lb.
Capacities
Stationary or
Portable

CLTMYT-05-30-12024

Model Number Format

CLTMYT- 05- 30

Series "CLTMYT" _____
Hydraulic Lift Tables _____
Capacity Range _____
05 = 500 lbs.
Travel _____
30 = 30"

Conforms to ANSI Standard MH29.1-1994.

Description

ECO A CLTMYT-series Lift Tables are electrohydraulic scissor lifts with small platforms and high travel for an infinite number of applications. Load capacities are 500 to 1,000 lbs., travel distances of 30 to 36 in. with minimum platform sizes of 12 x 24 to 16 x 24 in.

Standard Features

- Minimum platform sizes of 12 x 24 to 16 x 24 in.
- Internally or externally mounted 1/2 HP, 115V, 1PH, 60Hz intermittent duty, 1/2 HP motor is open enclosure.
- 115V operating control voltage
- NEMA-4X constant-pressure (water-tight, oil-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 8 ft. straight cord
- 10 ft. power cord (plug not included)
- Cylinders with internal stops
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased and finished with two coats of enamel
- Smooth steel tops

- Straight toeguards with yellow and black safety stripes
- Lifetime self-lubricating PTFE lined composite bearings
- Safety restraint maintenance bars
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. CLTMYT Series Lift Tables are one of a group of ECO A Lift Tables and other materials handling products. Call ECO A for additional literature.

Selector Table for CLTMYT Series. Capacities 500 or 1,000 lbs.

Travel	Model	Capacity (pounds)	Platform Sizes (inches)		Base Frame (Inches)	Height (Inches)***		Up Speed (Seconds)	Motor Std. HP	Cylinders (Qty.)	Ship Weight (pounds)*
			Standard	Maximum		Lowered	Raised				
30"	CLTMYT-05-30	500	12 x 24	12 x 24	12 x 24	6	36	20	1/2	2	185
	CLTMYT-05-30W	500	16 x 24	24 x 36	16 x 24	6	36	20	1/2	2	208
	CLTMYT-10-30	1000	16 x 24	24 x 36	16 x 24	6	36	20	1/2	2	208

*Standard platforms only. ***Six (6)" is a nominal dimension, may vary -0" + 1/4"



CLTMYT-05-30 and CLTMYT-10-30



*Portability Option
Two Fixed Wheels
and Two Swivel
Wheels with Locks*



1/2 HP Power Unit



UpEnder™

ECO A HUE Series Upenders



HUE-04-90-48048

Heavy-Duty,
Electrohydraulic
2,000 to 10,000 lb.
Capacity
Mounted or
Free-Standing

Model Number Format

HUE-04-90-48048048

Series "HUE"
Hydraulic Up Ender
Capacity
04 = 4,000 lbs.
Angle of Tilt
90 = 90 degrees
Width of Platform
48 = 48" Width
Length of Platform → (A) Primary → (B) Secondary
048 = 48" Length 048 = 48" Length

Description

ECO A HUE Series Hydraulic Upenders are heavy-duty electrohydraulic tables with capacities of 2,000 to 10,000 lbs., angles of tilt to 90 degrees with platform sizes of 24 x 36 to 72 x 72 in. Because they are autonomous products, HUE Series Hydraulic Upenders can be either mounted on scissor lifts or used as free-standing upenders.

Standard Features

- Internally-mounted 1½HP, 230V, 1PH, 60Hz, or 208/230/460V, 3PH, 60Hz intermittent duty TENV super torque motor or 3HP, 208/230/460V, 3PH, 60Hz, continuous duty TENV motor (specify required voltage)
- 24V operating control voltage
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton box with 8 ft. straight cord
- NEMA-12 prewired controls (dust/ drip-tight industrial type) with liquid-tight electrical connectors. Control box contains magnetic starter, control transformer, thermal overload and fuses
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Limit switch and mechanical stops in both directions

- 10 ft. power cord (connector plug not included)
- Smooth steel tops with 3¾ in. straight safety toeguards with black and yellow safety stripes on toeguards
- Double acting hydraulic cylinders
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Lifetime self-lubricating, anti-friction bearings at all pivot points
- Internal high-pressure gear pump with manifold-mounted check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. HUE Series Upenders are one of a group of ECO A materials handling products.

Selector Table for HUE Series. Capacities 2,000 to 10,000 lbs.

Angle of Tilt	Model	Capacity (pounds)	Platform Sizes "A" and "B" (inches)		Lowered Height (inches)	Up Speeds (seconds)	Cylinders (qty.)	Motor Std. HP	Ship Weight* (pounds)
			Widths**	Lengths**					
90°	HUE-02-90	2,000	24-48	36-48	10	30	1	1½	2,100
	HUE-04-90	4,000	24-48	36-48	10	30	2	1½	2,250
	HUE-06-90	6,000	24-48	36-48	10	45	3	1½	2,500
	HUE-08-90	8,000	30-48	50-72	12	40	2	3	4,100
	HUE-10-90	10,000	30-48	50-72	12	40	2	3	4,400

*Standard platforms only. **Maximum widths and lengths from standard to maximum of 72" x 72". Consult marketing.

Options and Accessories

Model	Description	Weight
HLT-PU-R	Remote Power Units with 5'0" Hydraulic Hose	
HLT-PU-3PH	Three Phase Power Unit (1½ HP) and Linestarter, Transformer	
ELC-P107-08	Up-Down Push Button Station, NEMA 4, Wall Mounting	3 lbs.
ELC-P107-03	Key Operated "Up-Down" Selector	3 lbs.
ELC-P107-10	UP/DN Push Button with Key Lockout	3 lbs.
ELC-P108-01	Foot Operated Control, NEMA 1 with Guard	8 lbs.
ELC-P109-10	Limit Switch	1 lb.
ELC-P112-01	Control Coil Cord - 20' Extended	3 lbs.
HLT-P012	Electric Toeguards (Tapeswitch) For Straight Toeguards	2.25 lbs./ft
HLT-P013	Electric Toeguards (Tapeswitch) For Beveled Toeguards	2.25 lbs./ft.
HLT-PF-BTG	Beveled Toeguards for Pit Mounting	
HLT-P009	Accordion Bellows Skirting for mounting to Straight Toeguards - Surface Mounted	
HLT-P010	Accordion Bellows Skirting for mounting to Beveled Toeguards - Pit Mounted	
HLT-CONV	Conveyor Tops	
HLT-PL-OS	Oversize Platform width & length to maximum of 72" x 72"	
BLTX	Ball Transfer Tops	



TiltTable™

ECO A HTT Series Scissor Lift Tables



Heavy-Duty,
Electrohydraulic
2,000 to 6,000 lb.
Capacity
For Surface,
Pit Installation
or Lift Table
Mounting

HTT-04-45-36048

Model Number Format

HTT-04-45-36048

Series "HTT" _____
Tilt Table _____
Capacity _____
04 = 4,000 lbs.
Angle of Tilt _____
45 = 45 Degrees
90 = 90 Degrees
Platform Size _____
36048 = 36"W x 48"L

Description

ECO A HTT Series Hydraulic Tilt Tables are heavy-duty electro-hydraulic tables with capacities of 2,000 to 6,000 lbs., angles of tilt from 0 to 90 degrees with platform sizes of 24 x 36 to 72 x 72 in. Because they are autonomous products, HTT Series Hydraulic Tilt Tables can be either mounted on scissor lifts or used as free-standing tilt tables.

Standard Features

- Internally-mounted ¾ or 1½ HP, 230V, 1PH, 60Hz, or 208/230/460V, 3PH, 60Hz intermittent duty TENV super torque motor
- Unit has an adjustable limit switch to precisely control the tilt angle
- 24V operating control voltage
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" Pushbutton box with 8 ft. straight cord
- NEMA-12 prewired controls (dust/drip-tight industrial type) with liquid-tight electrical connectors. Control box contains magnetic starter, control transformer, thermal overload and fuses
- 10 ft. power cord (connector plug not included)
- Smooth steel tops with ¾ in. straight safety toeguards with black and yellow safety stripes on toeguards
- 4 in. high lip on hinge end
- Single acting hydraulic cylinders with internal stops to 45°. Double-acting hydraulic cylinders over 45°
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Lifetime self-lubricating, anti-friction bearings at all pivot points
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil
- Hydraulic tilt tables may be installed on HLT, DSL or CLT series lift tables for lift and tilt applications

Selector Table for HTT Series. Capacities 2,000 to 6,000 lbs.

Angle of Tilt	Model	Capacity (pounds)	Platform Sizes (inches)		Base Frame (inches)	Height (inches) Lowered	Up Speeds (seconds)	Cylinders (qty.)	Motor Std. HP	Ship* Weight (pounds)
			Standard	Maximum						
45°	HTT-02-45	2,000	24 x 36	29 x 60	24 x 35	10	15	1	¾	700
	HTT-02-45	2,000	30 x 36	47 x 60	30 x 35	10	15	1	¾	750
	HTT-02-45	2,000	48 x 50	72 x 72	48 x 48	10	15	1	¾	850
	HTT-04-45	4,000	24 x 36	29 x 60	24 x 35	10	30	2	¾	725
	HTT-04-45	4,000	30 x 36	47 x 60	30 x 35	10	30	2	¾	775
	HTT-04-45	4,000	48 x 50	72 x 72	48 x 48	10	30	2	¾	875
	HTT-06-45	6,000	24 x 36	29 x 60	24 x 35	10	22	3	1½	750
	HTT-06-45	6,000	30 x 36	47 x 60	30 x 35	10	22	3	1½	800
90°	HTT-02-90	2,000	24 x 36	29 x 60	24 x 35	10	30	1	¾	725
	HTT-02-90	2,000	30 x 36	47 x 60	30 x 35	10	30	1	¾	775
	HTT-02-90	2,000	48 x 50	72 x 72	48 x 48	10	30	1	¾	875
	HTT-04-90	4,000	24 x 36	29 x 60	24 x 35	10	60	2	¾	750
	HTT-04-90	4,000	30 x 36	47 x 60	30 x 35	10	60	2	¾	800
	HTT-04-90	4,000	48 x 50	72 x 72	48 x 48	10	60	2	¾	900
	HTT-06-90	6,000	24 x 36	29 x 60	24 x 35	10	45	3	1½	775
	HTT-06-90	6,000	30 x 36	47 x 60	30 x 35	10	45	3	1½	825
HTT-06-90	6,000	48 x 50	72 x 72	48 x 48	10	45	3	1½	925	

*Standard platforms only. Standard power supply is 230V/1PH/60Hz. For alternate power supplies, consult marketing. Standard power unit on model with platform widths 24" thru 29" is "external". Standard power unit on model with platform widths 30" thru 72" is "internal". Hydraulic tilt tables may be installed on HLT/DSL/CLT Series lift tables for lift and tilt applications. For special sizes or angle of tilt, consult marketing. 90° Tilt Tables have double acting cylinders. Alternate 208/230/460V, 3PH, 60Hz power unit available.

Options and Accessories

Model	Description	Weight
HLT-PU-R	Remote Power Units with 5'0" Hydraulic Hose	25 lbs.
HLT-PU-3PH	Three Phase Power Unit (¾ or 1½HP) and Linestarter, Transformer	-----
ELC-P107-08	Up-Down Push Button Station, NEMA 4, Wall Mounting	3 lbs.
ELC-P107-03	Key Operated "Up-Down" Selector	3 lbs.
ELC-P107-10	UP/DN Push Button with Key Lockout	3 lbs.
ELC-P108-01	Foot Operated Control, NEMA 1 with Guard	8 lbs.
ELC-P109-09	Up Limit Switch	1 lb.
ELC-P109-10	Down Limit Switch (90° Tilt Only)	1 lb.
ELC-P112-01	Control Coil Cord - 20' Extended	3 lbs.
HLT-P012	Electric Toeguards (Tapeswitch) For Straight Toeguards	2.25 lbs./ft.
HLT-P013	Electric Toeguards (Tapeswitch) For Beveled Toeguards	2.25 lbs./ft.
HLT-PF-BTG	Beveled Toeguards for Pit Mounting	-----
HLT-P009	Accordion Bellows Skirting for mounting to Straight Toeguards - Surface Mounted	-----
HLT-P010	Accordion Bellows Skirting for mounting to Beveled Toeguards - Pit Mounted	-----
HLT-CONV	Conveyor Tops	-----

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. HTT Series Tilt Tables are one of a group of ECO A materials handling products.





Lift and Turn™

ECO A HLTxTT Lift and Turn Series Tables



High Speed,
Electrohydraulic
2,000 to 6,000 lb.
Capacity
For Evenly
Distributed Loading

HLTxTT

Model Number Format

HLTxTT-040-36-36048

Series "HLTxTT" _____
Hydraulic Lift Turn Table _____
Capacity _____
040 = 4,000 lbs.
Vertical Travel _____
36 = 36 inches
Platform Size _____
36048 = 36"W x 48"L

Description

ECO A HLTxTT Lift & Turn Tables are heavy-duty electrohydraulic scissor lifts with integral turn table platforms mounted on top. Capacities range up to 6,000 lbs. with TT platform sizes of 24 x 24 in. to 60 x 60 in. TT turn tables may be mounted to HLT2 & HLT3 series scissor lifts.

Selector Table for HLTxTT Lift and Turn Series Lift Tables. Capacities 2,000 to 6,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (Inches)		Base Frame (Inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Rotational Force	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
HLT2TT Lift and Manual Turn Series													
36"	HLT2TT-020-36	2,000	NA	NA	37 x 37	48 x 48	23½ x 47	10¼	46¼	-	-	25	1,150
	HLT2TT-040-36	4,000	NA	NA	37 x 37	48 x 48	23½ x 47	10¼	46¼	-	-	35	1,325
	HLT2TT-060-36	6,000	NA	NA	37 x 37	48 x 48	23½ x 47	10¼	46¼	-	-	35	1,275
HLT3TT Lift and Manual Turn Series													
36"	HLT3TT-020-36	2,000	NA	NA	49 x 49	60 x 60	35½ x 47	10¼	46¼	-	-	25	1,285
	HLT3TT-040-36	4,000	NA	NA	49 x 49	60 x 60	35½ x 47	10¼	46¼	-	-	35	1,486
	HLT3TT-040-36	6,000	NA	NA	49 x 49	60 x 60	35½ x 47	10¼	46¼	-	-	35	1,624
HLT2DWTTL Lift and Manual Turn Series													
36"	HLT2DWTTL-020-36	2,000	NA	NA	49 x 49	72 x 72	47½ x 47	10¼	46¼	-	-	25	2,150
	HLT2DWTTL-040-36	4,000	NA	NA	49 x 49	72 x 72	47½ x 47	10¼	46¼	-	-	35	2,378
	HLT2DWTTL-060-36	6,000	NA	NA	49 x 49	72 x 72	47½ x 47	10¼	46¼	-	-	35	2,472

Powered Turntables and many more variations are available; call sales with your spec requirements. Lift and turn table are for centered loads. Rotational Force of Manual Turntables is the force required at a 3 ft. distance to start rotation of the turntable from rest, with load centrally placed on the platform. The force required to keep the turntable rotating is about 25% to 50% less than that mentioned in the above specifications, depending upon model and capacity.

Options and Accessories

Model	Description
AL-FT-CONT	(2) Two pedal air foot operated controls with base plate and 10' of pneumatic hose for "Air-Lift" units only.
TT-DETC-XX	Spring activated detents for manual turntable at 45°, 90° or 180° degrees with roller and cam.
TT-DETS-XX	Automatic cam detents for manual turntable at 45°, 90° or 180° degrees with roller and cam.
TT-RD	Round Platform instead of standard square for manual turntable.
TT-SUBBASE	Sub-base mounted under unit for increased lowered and raised height.
TT-CST	3"x3"x3" corner stops mounted to all four corners of deck top.

Available standard colors are ECOA Safety Yellow, ECOA Safety Blue and ECOA Pewter Gray.



SpaceSaver™

ECOA HTTSS Series Tilt Tables



Heavy-Duty, Electrohydraulic 2,000 to 6,000 lb. Capacity For Surface, Pit Installation or Lift Table Mounting Tilts within its own base frame

HTTSS-04-45-36048

Model Number Format

HTTSS-04-45-36048

Series "HTTSS" _____
 Tilt Table SpaceSaver _____
 Capacity _____
 04 = 4,000 lbs.
 Angle of Tilt _____
 45 = 45 degrees
 Platform Size _____
 36048 = 36"W x 48"L

Description

ECOA HTTSS Series Hydraulic SpaceSaver Tilt Tables are heavy-duty electrohydraulic tables with capacities of 2,000 to 6,000 lbs., angles of tilt from 0 to 45 degrees with platform sizes of 36 x 48 to 60 x 72 in.

The SpaceSaver tilts within its own base frame, allowing the tilt operation to work within a minimum of floor area for maximum efficiency. The hydraulic system is powered up and down utilizing double acting cylinders. The leg rollers are entrapped within the base frame to ensure maximum stability. Because they are autonomous products, HTTSS Series Hydraulic SpaceSaver Tilt Tables can be either mounted on scissor lifts or used as free-standing tilt tables.

All ECOA materials handling products are designed and constructed for lifting applications under the toughest working conditions, offering years of trouble-free operation.

Standard Features

- Internally-mounted ¾ HP, 115/230V, 1PH, 60Hz, or 208/230/460V, 3PH, 60Hz intermittent duty TENV super torque motor. Specify voltage required. If 115V, 1PH, 60Hz voltage is required, a 20 amp circuit is necessary.
- 24V operating control voltage
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" Pushbutton box with 8 ft. straight cord
- NEMA-12 prewired controls (dust/drip-tight industrial type) with liquid-tight electrical connectors. Control box contains magnetic starter, control transformer, thermal overload and fuses
- 10 ft. power cord (connector plug not included)

- Smooth steel tops with ¾ in. straight safety toeguards with black and yellow safety stripes on toeguards
- 12 in. high lip on pivot end
- Double-acting hydraulic cylinders
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Lifetime self-lubricating, anti-friction bearings at all pivot points
- Internal high-pressure valve manifold with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil
- Hydraulic tilt tables may be installed on HLT, DSL or CLT series lift tables for lift and tilt applications

Limited Warranty Policy

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

Selector Table for HTTSS Series. Capacities 2,000 to 6,000 lbs.										
Angle of Tilt	Model	Capacity (pounds)	Platform Sizes (inches)		Base Frame (inches)	Height (Inches) Lowered	Up Speeds (seconds)	Cylinders (qty.)	Motor Std. HP	Ship Weight (pounds)
			Standard	Maximum						
45°	HTTSS-02-45	2,000	36 x 48	47 x 60	22½ x 48	10	15	1	¾	700
	HTTSS-02-45	2,000	48 x 48	60 x 72	34½ x 48	10	15	1	¾	750
	HTTSS-04-45	4,000	36 x 48	47 x 60	22½ x 48	10	15	1	¾	725
	HTTSS-04-45	4,000	48 x 48	60 x 72	34½ x 48	10	15	1	¾	775
	HTTSS-06-45	6,000	36 x 48	47 x 60	22½ x 48	10	20	1	¾	775
	HTTSS-06-45	6,000	48 x 48	60 x 72	34½ x 48	10	20	1	¾	800

The standard unit comes equipped with smooth top deck, straight toeguards and 12" lip. For higher capacity or high speed units contact marketing. The standard ¾ HP Power Units are internal and power supply 115/230V, 1PH, 60 Hz. Specify voltage required. If 115V, 1PH, 60Hz. voltage is required, a 20 amp circuit is necessary. Units are powered up and down with double acting cylinders. The leg rollers are entrapped within the base frame to ensure maximum unit stability. The SpaceSaver tilts within its own base frame, allowing the tilt operation to work in a minimum floor area for maximum efficiency.



TablTurn™

ECO A TT Series Manual Turn Tables



2,000 to 10,000 lb. Capacity Manual, Mounted

Manual Turntable, mounted on a lift table. TT-06-48048 with optional spring activated detents

Model Number Format

TT-06-48 048

Series "TT" _____
 Turntable, Manual _____
 Capacity _____
 06 = 6,000 lbs.
 Platform Size _____
 48 = 48" Width _____
 Platform Size _____
 048 = 48" Length _____

Description

ECO A TT Series Turntables are manual rotating platforms with capacities of 2,000 to 10,000 lbs. and platform sizes of 24 x 24 to 72 x 72 in. Because they are autonomous products, TT Series Turntables can be either mounted on scissor lifts or used as free-standing turntables.

Standard Features

- Smooth steel rectangular tops
- Cup and cone bearing and a thrust bearing as the center pivot with 4 through 8 roller bearing supports depending on capacity and platform size. (Each support consists of 2 roller bearings in a wide housing.)
- Surfaces degreased, oxide primed and finished with two coats of enamel
- All turntables can be mounted on ECO A HLT, DSL or CLT series lift tables

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. TT Series Turntables are one of a group of ECO A materials handling products.

Selector Table for TT Series Turntables. Capacities 2,000 to 10,000 lbs.

Power	Model	Capacity (pounds)	Platform Sizes (inches)		Bearings	Base Frame (inches)	Height (Inches) Lowered	Rotational* Force (pounds)	Ship Weight (pounds)
			Standard	Maximum					
Manual	TT-02	2,000	24 x 24	36 x 36	4	18 x 18	3 ¼	25	210
	TT-02	2,000	37 x 37	48 x 48	4	24 x 24	3 ¼	25	350
	TT-02	2,000	49 x 49	72 x 72	4	36 x 36	3 ¼	25	475
	TT-04	4,000	24 x 24	36 x 36	4	18 x 18	3 ¼	35	235
	TT-04	4,000	37 x 37	48 x 48	4	24 x 24	3 ¼	35	375
	TT-04	4,000	49 x 49	72 x 72	6	36 x 36	3 ¼	35	500
	TT-06	6,000	24 x 24	36 x 36	4	18 x 18	3 ¼	35	255
	TT-06	6,000	37 x 37	48 x 48	4	24 x 24	3 ¼	35	395
	TT-06	6,000	49 x 49	72 x 72	6	36 x 36	3 ¼	35	515
	TT-08	8,000	24 x 24	36 x 36	6	18 x 18	3 ¾	40	350
	TT-08	8,000	37 x 37	48 x 48	8	24 x 24	3 ¾	40	550
	TT-08	8,000	49 x 49	72 x 72	8	36 x 36	3 ¾	40	975
	TT-10	10,000	24 x 24	36 x 36	6	18 x 18	3 ¾	45	450
	TT-10	10,000	37 x 37	48 x 48	8	24 x 24	3 ¾	45	650
TT-10	10,000	49 x 49	72 x 72	8	36 x 36	3 ¾	45	1,075	

*Rotational Force of Manual Turntables is the force required at a 3 ft. distance to start rotation of the turntable from rest, with the load centrally placed on the platform. The force required to keep the turntable rotating is about 25 to 50% less than that mentioned in the above specifications, depending upon model and capacity.

Options and Accessories

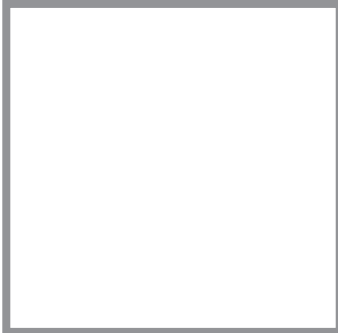
Model	Description
TT-DETC- XXX	Spring activated detents at 45°, 90° or 180° with cable release and spring lookout for free spin (specify XX = 45, 90 or 180)
TT-DETS- XXX	Spring activated detents at 45°, 90° or 180°, using roller and cam. (specify XX = 45, 90 or 180)
TT-DETM-90	Manually activated detents @ 90° with Locking Pin
DET-SOL-XXX	Electric solenoid operated detents at 45°, 90° or 180° with foot switch. For turntables mounted on lift tables. (specify XX = 45, 90 or 180)
TT-SUBBASE	Sub base for additional height of free standing unit
TT-RD	Round Platform - Select the square size model platform in which the round platform will fit
HLT-PF-BTG	Bevel Toeguards (Minimum lowered height 10")
LS-INTLK	Limit Switch Interlock for Turntables mounted on top of pit mounted lift tables aligns both turntable and lift table platforms (Electro-hydraulic lift only)

Note: For conveyors or ball transfers mounted on platforms, contact marketing.



Lift and Tilt™

ECO A HLTxHTT Lift and Tilt Series Tables



Heavy-Duty,
Electrohydraulic
8,000 to 12,000 lb.
Capacity
For Surface or Pit
Installation

HLT HTT

Model Number Format

HH-120-36-36048

Series "HH" _____
Hydraulic Lift Table _____
Capacity _____
120 = 12,000 lbs. _____
Vertical Travel _____
36 = 36 inches _____
Platform Size _____
36048 = 36"W x 48"L _____

Description

ECO A HH Heavy Duty Series Lift Tables are heavy-duty electrohydraulic scissor lifts with capacities of 8,000 to 12,000 lbs., travel distances are 36 to 60 in. with platform sizes of 36 x 48 to 60 x 108 in.

All ECO A Lift Tables are designed and constructed for heavy-duty applications under the toughest working conditions, offering years of trouble-free operation.

Standard Features

- Internally-mounted 3HP, 208/230/460V, 3PH, 60Hz, continuous duty rated motor. Please specify required voltage
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 8 ft. straight cord
- NEMA-12 prewired controls (dust/drip-tight industrial type) with liquid-tight electrical connectors
- The control box contains magnetic starter, control transformer, thermal overload and fuses
- All controller components are UL and/or CSA approved
- 24V operating control voltage
- 230 volt, 3PH, 60Hz power supply
- 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 two secondary mechanical upper travel back-up stops
- 10 ft. power cord (connector not included)

- Smooth steel tops
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- 6 1/4 in. straight toeguards with yellow and black safety stripes on all four sides
- Detachable safety restraint maintenance bars
- Lifetime self-lubricating, PTFE lined, composite bearings
- Maintenance safety bars
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Sealed, full oil displacement cylinders with internal stops
- Includes hydraulic oil

Limited Warranty Policy

Refer to Warranty Form for specific details.

Specifications are subject to change without notice.

HH Series Lift Tables are one of a group of ECO A Lift Tables.

Selector Table for HH Series. Capacities 8,000 to 12,000 lbs.													
Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (Inches)		Base Frame (Inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (Qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
36"	HH-080-36	8,000	7,000	4,690	36 x 48	60 x 72	36 x 48	10	46	20	3	2	1,120
	HH-100-36	10,000	7,000	4,690	36 x 48	60 x 72	36 x 48	10	46	20	3	2	1,245
	HH-120-36	12,000	7,000	4,690	36 x 48	60 x 72	36 x 48	10	46	30	3	3	1,350
48"	HH-080-48	8,000	7,000	4,690	36 x 64	60 x 96	36 x 64	10	58	30	3	2	1,400
	HH-100-48	10,000	7,000	4,690	36 x 64	60 x 96	36 x 64	10	58	30	3	2	1,600
	HH-120-48	12,000	7,000	4,690	36 x 64	60 x 96	36 x 64	10	58	45	3	3	1,800
60"	HH-080-60	8,000	7,000	4,690	36 x 84	60 x 108	36 x 84	10	70	30	3	2	1,700
	HH-100-60	10,000	7,000	4,690	36 x 84	60 x 108	36 x 84	10	70	30	3	2	1,950
	HH-120-60	12,000	7,000	4,690	36 x 84	60 x 108	36 x 84	10	70	45	3	3	2,200

*Standard platforms 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. See page 21 for options and accessories. Conforms to or exceeds ANSI standard MH29.1-1994.

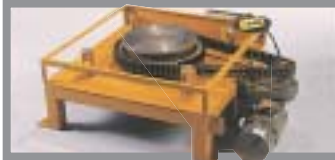


TablTurn™

ECO A TTP Series Powered Turn Tables



2,000 to 10,000 lb. Capacity
Manual or Powered
Mounted or Free-Standing



**TTP-06-48048
Powered
Turntable, free-
standing
model.**

Model Number Format

TTP-06-48 048

Series "TTP" _____
Turntable, Powered _____
Capacity _____
06 = 6,000 lbs. _____
Platform Size _____
48 = 48" Width _____
Platform Size _____
048 = 48" Length _____

Description

ECO A TTP Series Turntables are powered rotating platforms with capacities of 2,000 to 10,000 lbs. and platform sizes of 24 x 24 to 72 x 72 in. Because they are autonomous products, TTP Series Turntables can be either mounted on scissor lifts or used as free-standing turntables.

Standard Features

- Smooth steel rectangular tops
- All models have a cup and cone bearing and a thrust bearing as the center pivot with 4 through 8 roller bearing supports depending on capacity and platform size. (Each support consists of 2 roller bearings in a wide housing.)
- Continuously power driven, forward and reverse
- 1/2 or 3/4HP geared brake motor, with chain and sprocket drive
- NEMA-12 prewired controls (dust/drip-tight industrial type) with

liquid-tight electrical connectors.

- Forward/Reverse pushbutton control on 8 ft. straight cord
- 10 ft. power cord (connector plug not included)
- Standard power supply for powered models is 208/230/460V, 3PH, 60Hz
- Surfaces degreased, oxide primed and finished with two coats of enamel
- All turntables can be mounted on ECO A HLT, DSL or CLT series lift tables

Limited Warranty Policy

Refer to Warranty Form for specific details. Specifications are subject to change without notice. TTP Series Turntables are one of a group of ECO A materials handling products.

Selector Table for TTP Series Turntables. Capacities 2,000 to 10,000 lbs.

Power	Model	Capacity (pounds)	Platform Sizes (inches)		Bearings	Base Frame (inches)	Height** (Inches) Lowered	Motor Std. HP	Ship Weight (pounds)
			Standard	Maximum					
Power***	TTP-02	2,000	24 x 24	36 x 36	4	18 x 18	15	1/2	560
	TTP-02	2,000	37 x 37	48 x 48	4	24 x 24	15	1/2	700
	TTP-02	2,000	49 x 49	72 x 72	4	36 x 36	15	1/2	825
	TTP-04	4,000	24 x 24	36 x 36	4	18 x 18	15	1/2	585
	TTP-04	4,000	37 x 37	48 x 48	4	24 x 24	15	1/2	725
	TTP-04	4,000	49 x 49	72 x 72	6	36 x 36	15	1/2	850
	TTP-06	6,000	24 x 24	36 x 36	4	18 x 18	15	1/2	605
	TTP-06	6,000	37 x 37	48 x 48	4	24 x 24	15	1/2	745
	TTP-06	6,000	49 x 49	72 x 72	6	36 x 36	15	1/2	865
	TTP-08	8,000	24 x 24	36 x 36	6	18 x 18	17	3/4	700
	TTP-08	8,000	37 x 37	48 x 48	8	24 x 24	17	3/4	900
	TTP-08	8,000	49 x 49	72 x 72	8	36 x 36	17	3/4	1,325
	TTP-10	10,000	24 x 24	36 x 36	6	18 x 18	17	3/4	800
	TTP-10	10,000	37 x 37	48 x 48	8	24 x 24	17	3/4	1,000
TTP-10	10,000	49 x 49	72 x 72	8	36 x 36	17	3/4	1,425	

Lowered height for power driven models can be reduced to 6.625" by allowing the gear motor to project above or below the turntable top. Note that when power TTP is placed on top of a lift table, and the motor allowed to project below, the minimum height of the assembly is the same as mentioned above (15" or 17"), including the lift table. *Standard speed for power TTP is 2 rpm. Power Supply 208/230/460V/3PH/60Hz.

Options and Accessories

Model	Description
TTP-SUBBASE	Sub base for additional height of free standing unit
TT-RD	Round Platform - Select the square size model platform in which the round platform will fit
HLT-PF-BTG	Bevel Toeguards (Minimum lowered height 10")
LS-INTLK	Limit Switch Interlock for Turntables mounted on top of pit mounted lift tables aligns both turntable and lift table platforms

Note: For conveyors or ball transfers mounted on platforms, contact marketing.



TablLift™

ECO A DSL Series Scissor Lift Tables



High Travel Double, Electrohydraulic 2,000 to 6,000 lb. Capacity For Surface or Pit Installation

DSL-60-072-48072 Scissor Lift Table with Optional Beveled Toeguards

Model Number Format

DSL-60-072-48072

Series "DSL" _____
 Double Hydraulic Lift Table _____
 Capacity _____
 60 = 6,000 lbs.
 Vertical Travel _____
 072 = 72 inches
 Platform Size _____
 48072 = 48"W x 72"L

Description

ECO A DSL Series Lift Tables are high travel double electrohydraulic scissor lifts with capacities of 2,000 to 6,000 lbs., travel distances of 60 to 144 in. with platform sizes of 30 x 48 to 72 x 132 in.

All ECO A Lift Tables are designed and constructed for heavy-duty applications under the toughest working conditions, offering years of trouble-free operation.

Standard Features

- Smooth steel tops
- Straight toeguards with yellow and black safety stripes
- Internally-mounted 1½HP, 230V, 1PH, 60Hz TENV intermittent duty super torque motor or externally-mounted 4.8HP, 230/460V, 3PH, 60Hz continuous duty motor
- High-pressure gear pump

- On 4.8HP units, manifold with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters. On 1½HP power units, valves are internally mounted on gear pump
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 20 ft. coil cord
- NEMA-12 prewired controls (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
- Hydraulic flow limiter valve at the base of each cylinder
- Optional upper travel limit switch

- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
 - Lifetime self-lubricating, PTFE lined, composite bearings at all pivot points
 - Mechanical upper travel stops
 - 10 ft. power cord, connector not included (For internal power unit only)
 - Safety restraint maintenance bars
 - Surfaces degreased, oxide primed and finished with two coats of enamel
 - Includes hydraulic oil (internal power units only).
- Limited Warranty Policy**
 Refer to Warranty Form for specific details.
 Specifications are subject to change without notice.
 DSL Series Lift Tables are one of a group of ECO A Lift Tables and other materials handling products.

Selector Table for DSL Series. Capacities 2,000 to 6,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (inches)		Base Frame (inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
60"	DSL-20-060	2,000	1,000	670	30 x 48	48 x 72	30 x 48	10¼	70	16	1½	1	1,500
	DSL-40-060	4,000	2,000	1,340	30 x 48	48 x 72	30 x 48	11¼	72	21	1½	1	1,800
	DSL-60-060	6,000	3,000	2,000	30 x 48	48 x 72	30 x 48	13¼	73	32	1½	2	1,900
72"	DSL-20-072	2,000	1,000	670	30 x 60	48 x 84	30 x 60	10¼	82	21	1½	1	1,600
	DSL-40-072	4,000	2,000	1,340	30 x 60	48 x 84	30 x 60	11¼	84	28	1½	1	1,875
	DSL-60-072	6,000	3,000	2,000	30 x 60	48 x 84	30 x 60	13¼	85	42	1½	2	2,000
90"	DSL-20-090	2,000	1,000	670	48 x 72	60 x 96	48 x 72	14	104	35	1½	2	1,900
	DSL-40-090	4,000	2,000	1,340	48 x 72	60 x 96	48 x 72	14	104	28	4.8	2	2,050
	DSL-60-090	6,000	3,000	2,000	48 x 72	60 x 96	48 x 72	16	106	40	4.8	2	2,350
108"	DSL-20-108	2,000	1,000	670	54 x 84	72 x 108	54 x 84	14	122	30	4.8	2	2,700
	DSL-40-108	4,000	2,000	1,340	54 x 84	72 x 108	54 x 84	14	122	40	4.8	2	3,100
	DSL-60-108	6,000	3,000	2,000	54 x 84	72 x 108	54 x 84	16	124	60	4.8	2	3,700
120"	DSL-20-120	2,000	1,000	670	54 x 96	72 x 120	54 x 96	14	134	30	4.8	2	3,400
	DSL-40-120	4,000	2,000	1,340	54 x 96	72 x 120	54 x 96	14	134	40	4.8	2	3,800
	DSL-60-120	6,000	3,000	2,000	54 x 96	72 x 120	54 x 96	16	136	60	4.8	2	4,200
144"	DSL-20-144	2,000	1,000	670	54 x 108	72 x 132	54 x 108	16	160	35	4.8	2	3,600
	DSL-40-144	4,000	2,000	1,340	54 x 108	72 x 132	54 x 108	16	160	40	4.8	2	4,000
	DSL-60-144	6,000	3,000	2,000	54 x 108	72 x 132	54 x 108	18	162	60	4.8	2	4,500

*Standard platforms. 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. Standard power supply for ¾ and 1½HP power Unit is 230V/1PH/60Hz. Optional power supply for ¾ and 1½HP Power Unit is 208/230/460/3PH/60Hz. Standard power supply for 4.8HP power units is 230/460/3PH/60Hz. Optional power supply for 4.8HP power unit is 230V/1PH/60Hz (increases upspeed by 33%). 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 21 for options and accessories.



TablLift™

ECO A TSL Series Scissor Lift Tables



High Travel Triple,
Electrohydraulic
3,000 to 6,000 lb.
Capacity
For Surface or
Pit Installation

**TSL-60-180-72144
with Optional
Beveled
Toeguards,
Handrails,
Chains and
Bridge Plate**

Model Number Format

TSL-60-180-72144

Series "TSL" _____
Tripple Hydraulic Lift Table _____
Capacity _____
60 = 6,000 lbs.
Vertical Travel _____
180 = 180 inches
Platform Size _____
72144 = 72"W x 144"L

- 4.8HP, 230/460V, 3PH, 60Hz continuous duty motor
- High-pressure gear pump
- On 4.8HP power units, manifold with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters. On 1½ or 3HP power units, valves are internally mounted on gear pump
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 20 ft. coil cord
- NEMA-12 prewired controls (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
- Hydraulic flow limiter at base

- of each cylinder
- Optional upper travel limit switch
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Lifetime self-lubricating, PTFE lined, composite bearings at all pivot points
- Mechanical upper travel stops
- Safety restraint maintenance bars
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Includes hydraulic oil (internal power units only)

Limited Warranty Policy

Refer to Warranty Form for specific details.

Specifications are subject to change without notice.

TSL Series Lift Tables are one of a group of ECOA Lift Tables and other materials handling products.

Description

ECO A TSL Series Lift Tables are high travel triple electrohydraulic scissor lifts with capacities of 3,000 to 6,000 lbs., travel distances of 72 to 216 in. with platform sizes of 30 x 42 to 84 x 144 in.

Standard Features

- Smooth steel tops
- Straight toeguards with yellow and black safety stripes
- Internally-mounted 1½HP, 230V, 1PH, 60Hz TENV intermittent duty super torque motor or externally-mounted 3 or

Selector Table for TSL Series. Capacities 3,000 to 6,000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (inches)		Base Frame (inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP**	Cylinders (qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
72"	TSL-30-072	3,000	1,500	1,000	30 x 42	48 x 66	30 x 42	14¼	86¼	22	1½	1	2,100
	TSL-60-072	6,000	3,000	2,000	30 x 42	48 x 66	30 x 42	21¼	93¼	40	1½	2	2,500
96"	TSL-30-096	3,000	1,500	1,000	30 x 48	48 x 72	30 x 48	14¼	110¼	30	1½	1	2,400
	TSL-60-096	6,000	3,000	2,000	30 x 48	48 x 72	30 x 48	21¼	117¼	50	1½	2	2,850
120"	TSL-30-120	3,000	1,500	1,000	30 x 60	48 x 84	30 x 60	14¼	134¼	40	1½	2	2,550
	TSL-60-120	6,000	3,000	2,000	30 x 60	48 x 84	30 x 60	21¼	141¼	80	3	2	3,000
144"	TSL-30-144	3,000	1,500	1,000	48 x 72	60 x 96	48 x 72	19¼	163¼	25	4.8	2	3,000
	TSL-60-144	6,000	3,000	2,000	48 x 72	60 x 96	48 x 72	22¼	166¼	45	4.8	2	3,500
162"	TSL-30-162	3,000	1,500	1,000	60 x 88	84 x 108	60 x 84	42	204	60	4.8	2	6,000
	TSL-60-162	6,000	3,000	2,000	60 x 88	84 x 108	60 x 84	42	204	80	4.8	2	7,300
180"	TSL-30-180	3,000	1,500	1,000	60 x 96	84 x 120	60 x 93	42	222	75	4.8	2	6,500
	TSL-60-180	6,000	3,000	2,000	60 x 96	84 x 120	60 x 93	42	222	85	4.8	2	8,000
216"	TSL-30-216	3,000	1,500	1,000	60 x 120	84 x 144	60 x 112	54	270	90	4.8	2	7,000
	TSL-60-216	6,000	3,000	2,000	60 x 120	84 x 144	60 x 112	54	270	120	4.8	2	9,000

*Standard platforms. 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. 1½HP Power Units are internal as standard equipment. 3HP and 4.8HP Power Units are remote as standard equipment. Standard power supply for 1½HP Power Unit is 230V/1PH/60Hz. Optional power supply for 1½HP Power Unit is 208/230/460/3PH/60Hz. 115V/1PH/60Hz. Power Supply requires a 20 amp circuit. Standard power supply required for 3 and 4.8HP is 230/460/3PH/60Hz. Optional power supply for 3 and 4.8HP Power Units is 230/1PH/60 Hz (increases upspeed by 33%). Note: Where available power supply is 208V/3PH, booster transformers are required for 240V/3PH for 3HP and 4.8HP motors, see options. Conforms to or exceeds ANSI standard MH29.1-1994. See page 21 for options and accessories.



TablLift™

ECO A QSL Series Scissor Lift Tables



High Travel
Quadruple,
Electrohydraulic
3,000 to 6,000 lb.
Capacity
For Surface or Pit
Installation

**QSL-60-240-72120
with Optional
Beveled
Toeguards**



Model Number Format

QSL-60-240-72120

Series "QSL" _____
Quadruple Hydraulic Lift Table
Capacity _____
60 = 6,000 lbs.
Vertical Travel _____
240 = 240 inches
Platform Size _____
72120 = 72"W x 120"L

Description

ECO A QSL Series Lift Tables are high travel quadruple-height electrohydraulic scissor lifts with capacities of 3,000 to 6,000 lbs., travel distances of 240 to 288 in. with platform sizes of 60 x 96 to 84 x 144 in.

Standard Features

- Smooth steel tops
- Straight toeguards with yellow and black safety stripes
- Externally-mounted 5HP, 230/460V, 3PH, 60Hz continuous duty motor
- High-pressure gear pump
- Manifold with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton control station with 20 ft. coil cord
- NEMA-12 prewired controls (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

- Hydraulic flow limiter valve at base of each cylinder
- Upper travel limit switch
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Lifetime self-lubricating, anti-friction bearings at all pivot points
- Mechanical upper travel stops
- Safety restraint maintenance bars
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Includes hydraulic oil

Limited Warranty Policy

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

Selector Table for QSL Series. Capacities 3, 000 to 6, 000 lbs.

Travel	Model	Capacity (pounds)	Edge Load* Maximum		Platform Sizes (inches)		Base Frame (inches)	Height (Inches)		Up Speeds (seconds)	Motor Std. HP	Cylinders (qty.)	Ship* Weight (pounds)
			Static	Rolling	Standard	Maximum		Lowered	Raised				
240"	QSL-30-240	3,000	1,500	1,000	60 x 96	84 x 120	60 x 93	54	294	70	5	2	7,500
	QSL-60-240	6,000	3,000	2,000	60 x 96	84 x 120	60 x 93	54	294	85	5	2	9,000
288"	QSL-30-288	3,000	1,500	1,000	60 x 120	84 x 144	60 x 112	68	356	95	5	2	8,000
	QSL-60-288	6,000	3,000	2,000	60 x 120	84 x 144	60 x 112	68	356	120	5	2	10,850

*Standard platforms. 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. Standard power supply required for 5HP is 230/460/3PH/60Hz. Optional power supply for 5HP power units is 230V/1PH/60Hz (increases upspeed by 33%). 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 21 for options and accessories.



Options and Accessories

HLTx, HH Heavy Duty, HLT2DW, HLTxDL, CLT, CDL, DSL, TSL and QSL Series

Mechanical		
Model	Description	Weight
Steel Safety Treadplate Bridge Plate with Hinge Assembly		
HLD-SBR-xxxx	Special Size: Supply dimension width (xx), length (xx), in inches.	12 lbs./sq.ft.
HLD-SBS	Split Bridge	
Aluminum Treadplate Throwover Bridge with Hinge Assembly		
HLD-ABR-xxxx	Special Size: Supply dimension width (xx), length (xx), in inches.	5 lbs./sq.ft.
HLD-ABS	Split Bridge	
Approach Ramps (Steel Treadplate)		
HLD-RP-xyyyz	Approach Ramp, Steel (for capacity less than 12,000 lbs.(xx = width of ramp, in. yy = length of ramp, in., zz = height of ramp, in.))	12 lbs./sq ft.
Handrails/Toeboards		
HLD-P450-xxS	Steel 42" high Handrail with Midrail/Toeboard	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.
HLT-P011	Roll-Up Skirting	
HLT-P009	Accordion Bellows Skirts-Straight Toeguards	
HLT-P010	Accordion Bellows Skirts-Beveled Toeguards	
Platform Options		
HLT-PF-OS	Any oversize platform up to maximum size catalogued -Straight Toeguards for surface mounting	*
HLT-BF-BTG	Beveled Toeguards for pit mounting (add 8" minimum to width & length of standard platform size) (Minimum lowered height: 8")	*
HLT-PF-STP	Safety Treadplate (instead of smooth Plate Deck)	
HLT-HTT	Combination Lift/Tilt Tables -See Page 20.	
HLT-TT	Combination Lift/Tilt Tables -See Page 17.	
HLT-LB	Lifting Bolts	
HLT-USDA-EPXY	USDA accepted epoxy coatings for Lift Platform	
HLT-SS	Stainless Steel Platform Overlay	10 lbs./sq. ft.
HLT-BLT	Ball Transfer Top	
HLT-CONV	Conveyor Tops	
Portability Options (For DSL, TSL and QSL Models Consult Marketing)		
HLT-PORT-1***	(2) Retractable Wheels and (2) Wheel Dolly Jack to 6,500 lbs. Steel Wheels	150 lbs.
HLT-PORT-2	(2) Fixed Wheels and (2) Wheel Dolly Jack to 12,000 lbs. Steel Wheels	175 lbs.
HLT-PORT-3A	(4) "V" Groove, or Single Flanged Steel Wheels or (2) combined with (2) Flat Steel Wheels, Mounted off sides or ends. Capacities to 3,500 lbs. Adds 1.5" to L.H.	250 lbs.
HLT-PORT-3B	Capacities to 6,500 lbs. Adds 1.5" to L.H.	175 lbs.
HLT-PORT-3C	Capacities to 12,000 lbs.	200 lbs.
HLT-PORT-5A	(2) Fixed and (2) Swivel Wheels to 3,500 lbs. Adds 8" to lowered height. Mounted under base frame.**	200 lbs.
HLT-PORT-5B	(2) Fixed and (2) Swivel Wheels . to 6,500 lbs. Adds 9" to lowered height. Mounted under base frame.**	200 lbs.
HLT-PORT-6	(2) Fixed and (2) Swivel Wheels to 12,000 lbs. adds 11" to lowered height. Mounted under base frame.**	450 lbs.
HLT-PORT-7	Integrally Mounted Floor Lock	6 lbs.
HLT-PORT-9	Push Bar for castered machines	20 lbs.
HLT-PORT-10	Powered Travel Lifts (Poly Wheels Optional)	

Electrical		
Model	Description	Weight
ELC-P107-08	Up-Down Push Button Station, NEMA 4 Wall Mounting	3 lbs.
ELC-P107-30	Up-Down Push Button Station, NEMA 4, Pendant type	1 lbs.
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, Installed and wired xx=varies depending on model	1 lb.
ELC-P116-xx	Booster Transformers (2 required for 3PH Power Supply)	10 lbs.
ELC-P125-01	Limit Switch Cord #16-2 AWG.	
HLT-PWC-15	Power Cable, 15' long with Quick Disconnect Plug	
HLD-FRL	Flashing Red Light	
ELC-WB-24-A	Two Second Up-down Warning Bell with Volume Control	
ELC-P112-01	Control Coil Cord - 20' extended	3 lbs.
HLT-P012	Electric Toeguards, Tapeswitch, for Straight Toeguards	2.25 lbs./ft.
HLT-P013	Electric Toeguards, Tapeswitch, for Beveled Toeguards	
ELC-AUTO	Momentary contact controls for automatic up and down operation with upper and lower limit switches and Up-Down-Stop Push Button Control Station	
ELC-PEC-(U/S)	Photo Electric Cell Leveling (Unstacking/Stacking-Specify, (1) Direction Only)	
ELC-WS-(U/S)	Whisker Switch Leveling (Unstacking/Stacking-Specify, (1) Direction Only)	
Hydraulic (Power Unit Assembly, standard unit included)		
HLD-MDV	Manual Down Valve	
HLD-AFCV	Adjustable Flow Control Down Valve	
HLD-PU-SP	Larger Power Unit for faster lift speeds	
HLT-PU-R	Remote Power Units with 5'0" hydraulic hose	
HLT-PU-3PH	Three Phase Power Unit (¾HP or 1½HP) and Linestarter, Transformer	
HLT-PU-AIR	Air Operated Power Unit Complete 95 psi @ 60 cfm (1 HP)	
HLT-PU-ECD	External, Heavy-Duty, Continuous Running Motor Power Unit with Integral Directional Valving & Large Capacity Reservoir	
HLD-EXPU	Explosion Proof Power Unit-External	
HLD-HO	Hydraulic Oil	
HOS-P107-JIC	Hoses with Female #6 JIC Fittings	0.5 lbs./ft.
HOS-P110-JIC	Hoses with Female #8 JIC Fitting	0.60 lbs./ft.
HOS-P111-JIC	Hoses with Female #12 JIC Fitting	0.84 lbs./ft.
HLD-QDC-06	Quick Disconnect Couplings (Female Pipe Thread) ¾" N.P.T.	0.5 lbs.
HLD-QDC-08	Quick Disconnect Couplings (Female Pipe Thread) ½" N.P.T.	0.5 lbs.
HLD-QDC-12	Quick Disconnect Couplings (Female Pipe Thread) ¼" N.P.T.	0.5 lbs.

*See Footnotes under individual models.

**ALTERNATE: May be outboard mounted to ends or sides for low underclearance .

***NOTE: Semi-live portability is NOT capable of transporting a fully loaded lift.



Magnum™

ECO A Series MLT Scissor Lift Tables



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

MLT-20-48-48072

Model Number Format

MLT-20-48-48072

Series "MLT" _____
Hydraulic Lift Table _____
Capacity _____
20 = 20,000 lbs.
Vertical Travel _____
48 = 48 inches
Platform Size _____
48072 = 48"W x 72"L

Description

ECO A MLT Series Lift Tables are high-capacity super heavy-duty electrohydraulic scissor lifts with capacities of 15,000 to 30,000 lbs., with travel distances of 30 to 72 in. and platform sizes of 48 x 60 to 72 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 5HP, 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 2 secondary mechanical upper travel back-up stops.
- Smooth steel platform
- 8 in. 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 with internal stops. 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 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, SAE 100 R2AT double wire braid from cylinders to universal connection in the base frame
- 11 gal. reservoir, hydraulic oil not included

Limited Warranty Policy

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



Magnum™

ECOA Series MLT Scissor Lift Tables



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

MLT-20-48-48072

Model Number Format

MLT-20-48-48072

Series "MLT" _____
Hydraulic Lift Table _____
Capacity _____
20 = 20,000 lbs.
Vertical Travel _____
48 = 48 inches
Platform Size _____
48072 = 48"W x 72"L

Selector Table for MLT 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"	MLT-15-30	15,000	12,000	48 x 60	72 x 84	48 x 60	16	46	24	5	2	3,100
	MLT-18-30	18,000	16,000	48 x 60	72 x 84	48 x 60	16	46	24	5	2	3,200
	MLT-20-30	20,000	16,000	48 x 60	72 x 84	48 x 60	20	50	24	5	2	3,300
	MLT-25-30	25,000	24,000	48 x 60	72 x 84	48 x 60	20	50	35	5	3	3,400
	MLT-30-30	30,000	24,000	48 x 60	72 x 84	48 x 60	20	50	35	5	3	3,500
36"	MLT-15-36	15,000	12,000	48 x 60	72 x 84	48 x 60	16	52	30	5	2	3,500
	MLT-18-36	18,000	16,000	48 x 60	72 x 84	48 x 60	16	52	30	5	2	3,600
	MLT-20-36	20,000	16,000	48 x 60	72 x 84	48 x 60	20	56	30	5	2	3,700
	MLT-25-36	25,000	24,000	48 x 60	72 x 84	48 x 60	20	56	40	5	3	3,800
	MLT-30-36	30,000	24,000	48 x 60	72 x 84	48 x 60	20	56	40	5	3	3,900
42"	MLT-15-42	15,000	12,000	48 x 72	72 x 96	48 x 72	16	58	25	5	2	3,600
	MLT-18-42	18,000	16,000	48 x 72	72 x 96	48 x 72	16	58	25	5	2	3,800
	MLT-20-42	20,000	16,000	48 x 72	72 x 96	48 x 72	20	62	25	5	2	4,000
	MLT-25-42	25,000	24,000	48 x 72	72 x 96	48 x 72	20	62	35	5	3	4,100
	MLT-30-42	30,000	24,000	48 x 72	72 x 96	48 x 72	20	62	35	5	3	4,300
48"	MLT-15-48	15,000	12,000	48 x 72	72 x 96	48 x 72	16	64	30	5	2	3,700
	MLT-18-48	18,000	16,000	48 x 72	72 x 96	48 x 72	16	64	30	5	2	3,900
	MLT-20-48	20,000	16,000	48 x 72	72 x 96	48 x 72	20	68	30	5	2	4,100
	MLT-25-48	25,000	24,000	48 x 72	72 x 96	48 x 72	20	68	40	5	3	4,200
	MLT-30-48	30,000	24,000	48 x 72	72 x 96	48 x 72	20	68	40	5	3	4,400
54"	MLT-15-54	15,000	12,000	48 x 84	72 x 108	48 x 84	16	70	40	5	2	3,900
	MLT-18-54	18,000	16,000	48 x 84	72 x 108	48 x 84	16	70	40	5	2	4,000
	MLT-20-54	20,000	16,000	48 x 84	72 x 108	48 x 84	20	74	40	5	2	4,200
	MLT-25-54	25,000	24,000	48 x 84	72 x 108	48 x 84	20	74	55	5	3	4,300
	MLT-30-54	30,000	24,000	48 x 84	72 x 108	48 x 84	20	74	55	5	3	4,500
60"	MLT-15-60	15,000	12,000	48 x 84	72 x 108	48 x 84	16	76	45	5	2	4,000
	MLT-18-60	18,000	16,000	48 x 84	72 x 108	48 x 84	16	76	45	5	2	4,100
	MLT-20-60	20,000	16,000	48 x 84	72 x 108	48 x 84	20	80	45	5	2	4,300
	MLT-25-60	25,000	24,000	48 x 84	72 x 108	48 x 84	20	80	60	5	3	4,400
	MLT-30-60	30,000	24,000	48 x 84	72 x 108	48 x 84	20	80	60	5	3	4,600
72"	MLT-15-72	15,000	12,000	48 x 108	72 x 132	48 x 108	16	88	45	5	2	4,800
	MLT-18-72	18,000	16,000	48 x 108	72 x 132	48 x 108	16	88	45	5	2	4,900
	MLT-20-72	20,000	16,000	48 x 108	72 x 132	48 x 108	20	92	45	5	2	5,000
	MLT-25-72	25,000	24,000	48 x 108	72 x 132	48 x 108	20	92	60	5	3	5,100
	MLT-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. See page 30 for options and accessories.



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.



Magnum™

ECOA Series MLTDL Scissor Lift Tables



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

MLTDL-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

ECOA 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 ECOA Lift Tables and other materials handling products.



Magnum™

ECOA Series MLTDL Scissor Lift Tables



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

MLTDL-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

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.



Magnum™

ECO A 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

ECO A 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 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 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 ECO A Lift Tables and other materials handling products.



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

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.



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) 1/2" N.P.T.	.5 lbs.
HOS-QDC-12	Quick Disconnect Coupling (Female Pipe Thread) 3/4" 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)	



E.A.S.E. Ergonomic Assist and Safety Equipment
 A Product Council of The Material Handling Institute
 Member Company

LMPS THE MATERIAL HANDLING INDUSTRY OF AMERICA
 A PRODUCT COUNCIL OF THE MATERIAL HANDLING INSTITUTE
 MEMBER COMPANY

Lift Manufacturers Product Section
 MEMBER COMPANY
MHEDA THE MATERIAL HANDLING INSTITUTE
 MEMBER COMPANY



The ECOA Difference is the people

ECO A Industrial Products Inc. has the people and the tools for creating custom products to meet your unique needs. Our in-house professionals have vast experience in the disciplines needed to design and

manufacture scissor lifts, loading docks, turntables, tilt tables and upenders. They provide product knowledge and problem-solving experience to meet virtually any lifting need, anywhere in the world.

This inventive engineering department employs state-of-the-art software, with CAD/CAM systems, for custom work. Taking full advantage of the computer, our engineers can identify and consider "what if" options in seconds.

To shorten the lead-time between identification of problems and the development of custom lifting equipment, we have regional technical sales managers at convenient locations across the country.

Their role is to work with you to "uncomplicate" the developmental process by guiding the project through completion. With your own project quarterback, substantial lead time can be cut and the final product will better meet your needs.

We'd Like to Work with You on your Next Project

For the name and telephone number of the regional manager in your area, please call ECOA Industrial Products Inc. at 1-800-433-3833.





Custom Capabilities

ECO A Series



ECO A INDUSTRIAL PRODUCTS INC.
1000 HIALEAH DRIVE
HIALEAH, FLORIDA 33010-5543

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