

# Pentalift Lift Tables and Positioning Equipment

A Complete Line of High Quality Lifting and Positioning Equipment





## Pentalift – Specifying New Standards in Lift Table Safety Quality and Reliability

By specifying Pentalift Lift Tables you are assured of maximum lift table safety, durability and the lowest lifetime ownership cost.

### The Pentalift Formula for Success:

Our competitors wonder how we have achieved our tremendous growth and success, our customers do not. It is quite simple.

We are committed to the 100% satisfaction of our customers.

This commitment is reflected in every aspect of Pentalift.

Our engineering department's design philosophy is "Simplicity is the Ultimate Sophistication". The Pentalift team of engineers is made up of dedicated lift table professionals utilizing the most modern computer engineering tools to design sophisticated but simple, safe, and reliable lift tables. The products highlighted in this brochure reflect the achievement of this goal. We confidently invite their comparison with any and all others.

Our designs are continually proven and verified by actual feedback from satisfied customers utilizing Pentalift lift tables.

Our manufacturing team has and utilizes the tools, equipment, skills and production techniques required to produce the world's best lift table products.

Our sales engineers and distributors representatives are lift table experts. They work to develop safe, effective systems for our customers' lifting and positioning needs. The fact that Pentalift manufactures a complete line of lift table equipment enables them to select the most suitable solution for your application.

Our customers recognize that the quality, reliability, and safety of Pentalift products and our dedication to service reflect a total commitment to complete customer satisfaction.

Specifying Pentalift as your lift table company assures you of the same commitment.

Paul Pedersen, President

**PENTALIFT EQUIPMENT CORPORATION**

### Extensive, Dedicated Manufacturing Facilities

Pentalift's manufacturing operations are conducted at our modern facilities. The plants have been designed and equipped for the construction of our broad line of lift and positioning equipment.

Here we make everything we sell. Each unit and every part are subject to stringent quality control to meet Pentalift's strict standards of excellence.





## PRO-SERIES LIFT TABLES 2,500 TO 6,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift Pro-Series Lift Tables are rugged and reliable, hydraulic scissor lift tables available in capacities ranging from 2,500 to 6,000 lb., with travel of 24", 36" or 48". Standard platform sizes of 24" x 36" to 48" x 88" are available.

All Pro-Series Lift Tables are designed, engineered and constructed for use in heavy-duty applications in the toughest of working conditions. The thoughtful design features of Pentalift Pro-Series Lift Tables ensure that they will perform reliably for many years.

### APPLICATIONS:

The Pro-Series Lift Table product line is designed to meet the rugged demands of industry. Pro-Series Lift Tables enhance the efficiency of manufacturing and warehousing operations in all industrial sectors. Pentalift Pro-Series Lift Tables improve productivity, enhance workplace ergonomics and reduce worker fatigue. A wide range of options can be specified for Pentalift Pro-Series Lift Tables.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Exclusive PentaFLOW hydraulic bypass cylinder
- Straight toe guards suitable for surface mounting
- Lagging brackets welded to frame
- Self-contained 1 1/2 hp. hydraulic power unit 230-460-575/3/60 TENV motor
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- Temporary power wires
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard platform size
- Hydraulic power units up to 5 hp.
- Accordion bellows
- Hydraulic velocity fuse
- Guarded foot pedal control
- Semi-portable design
- Safety trip bars
- Up travel limit switch
- Wall-mounted push button station
- Air motor with pedal foot control
- Hinged integral maintenance stand

Reference brochure L002

## PRO-SERIES TILT PLATFORMS 2,500 TO 6,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift Pro-Series Tilt Platforms are heavy-duty, hydraulic platforms with load capacities ranging from 2,500 to 6,000 lb. An angle of tilt of up to 30° or up to 45° can be specified. Platform sizes of 44" x 44" to 50" x 54" are available. Pro-Series Tilt Platforms can be used as freestanding tilt platforms, mounted on a floor stand or installed on Pro-Series scissor lift tables. When floor mounted they feature a low height of 7".

### APPLICATIONS:

Pentalift Pro-Series Tilt Platforms are designed and built to meet the rugged demands of industry. They enhance the efficiency of manufacturing, packaging and warehousing operations in all industrial sectors. Pentalift Pro-Series Tilt Platforms improve productivity, reduce reaching and bending by workers, enhance workplace ergonomics and reduce worker fatigue.

### STANDARD FEATURES:

- Lubricated for life, maintenance-free bearings at pivot points
- Exclusive PentaFLOW hydraulic bypass cylinder
- Self-contained 1 1/2 hp. hydraulic power unit 230-460-575/3/60 TENV motor
- Backstop 12" high
- Lagging holes on frame
- Straight toe guards suitable for surface mounting
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- Temporary power wires
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard platform sizes
- Hydraulic velocity fuse
- Accordion bellows
- Guarded foot pedal control
- Special height backstops to 24"
- Wall-mounted push button station
- Hinged integral maintenance stand
- Floor stand
- Remote power unit
- Air motor with pedal foot control

Reference brochure L002

## PRO-SERIES LIFT & TILT TABLES 2,500 TO 5,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift Pro-Series Lift & Tilt Tables are rugged and reliable, hydraulic, scissor lift tables available with capacities ranging from 2,500 to 5,000 lb. Tilter platforms facilitating a tilt angle of up to 30° or up to 45° can be specified. Tilt platform sizes of 44" x 44" to 48" x 48" are available. Pentalift Pro-Series Lift & Tilt Tables are available with 24" or 36" travel. All models feature a 14" low height.

### APPLICATIONS:

Pro-Series Lift & Tilt Tables are designed to improve efficiency in a wide range of industrial material handling applications. They enhance the efficiency of manufacturing, packaging and warehousing operations in all industrial sectors. Pentalift Pro-Series Lift & Tilt Tables improve productivity, reduce reaching and bending by workers, enhance workplace ergonomics and reduce worker fatigue.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Exclusive PentaFLOW hydraulic bypass cylinders
- Backstop 12" high on tilter
- Straight toe guards suitable for surface mounting
- Lagging brackets welded to frame
- Two (2) self-contained 1 1/2 hp. hydraulic power units, 230-460-575/3/60 TENV motors
- Coil cord routing tilter power supply to base of lift table
- Pre-wired NEMA 12 motor controls
- Two (2) pre-wired NEMA 12 push buttons on 10' of straight cord
- Temporary power wires
- Highly visible, detailed safety and operations decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard tilter platform sizes
- Power unit options up to 5 hp.
- Accordion bellows
- Hydraulic velocity fuses
- Guarded foot pedal control
- Special height backstop to 24"
- Safety trip bars
- Up travel limit switch
- Wall-mounted push button station
- Hinged integral maintenance stand
- Air motors with foot pedal controls

Reference brochure L002



## PRO-SERIES MANUAL ROTATING PLATFORMS

2,500 TO 6,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift Pro-Series Manual Rotating Platforms are available in capacities from 2,500 to 6,000 lb. They feature a low height of 4".

Pro-Series Manual Rotating Platforms are available with standard square platform sizes of 36" x 36", 42" x 42" or 48" x 48". Circular platforms of 36" up to 50" in diameter are also available.

### APPLICATIONS:

Pentalift Pro-Series Manual Rotating Platforms are rugged. They are engineered and built for heavy industrial use. They bring efficiencies to palletizing operations, and other general material handling applications. The use of a Pro-Series Manual Rotating Platform improves workplace ergonomics by allowing the worker to easily rotate the load and thereby reduce the amount of reaching in material handling operations. Pro-Series Manual Rotating Platforms can be fitted with conveyor, ball transfer or other material transfer systems to suit the application.

### STANDARD FEATURES:

- Minimum of (4) steel rollers equipped with (2) sealed ball bearings in each roller to ensure quiet, low effort operation
- Center pivot consists of heavy duty thrust roller bearing and a counter sunk cap screw to secure the platform
- Structural steel, formed reinforcing ring, provides circumferential pinch point protection
- Smooth steel deck plate
- Top finished in Pentalift gray enamel

### OPTIONS:

- Non-standard platform sizes
- Manually operated stop
- Spring activated detent stops
- Spring-loaded rotator lock
- Corner guards

Reference brochure L002

## PRO-SERIES LIFT & ROTATE TABLES

2,000 TO 5,500 lb. CAPACITIES



### DESCRIPTION:

Pentalift Pro-Series Lift & Rotate Tables are heavy-duty, hydraulic lift and rotate, scissor lift tables with load capacities from 2,000 to 5,500 lb. All Pro-Series Lift & Rotate Tables feature a low height of 11", with either 24" or 36" of travel. Standard square rotating tops are available sized as follows: 36" x 36", 42" x 42" or 48" x 48". Circular tops can be specified with diameters of 36" to 50".

### APPLICATIONS:

Pentalift Pro-Series Lift & Rotate Tables are designed and built for use in all industrial sectors. They improve productivity in both light and heavy-duty industrial applications. Pro-Series Lift & Rotate Tables are commonly used for palletizing operations and for other general material handling and/or work positioning applications. Pro-Series Lift & Rotate Tables are the ideal ergonomic materials handling tool when the operation involves the lifting and loading / unloading of heavy loads.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Exclusive PentaFLOW hydraulic bypass cylinder
- Straight toe guards suitable for surface mounting
- Lagging brackets welded to frame
- Self-contained 1 1/2 hp. hydraulic power unit 230-460-575/3/60 TENV motor
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- Temporary power wires
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Manually operated stop
- Spring activated detent stops
- Spring-loaded rotator lock
- Rotator brake
- Hydraulic power units up to 5 hp.
- Accordion bellows
- Hydraulic velocity fuse
- Up travel limit switch
- Guarded foot pedal control
- Wall-mounted push button station
- Safety trip bars
- Hinged integral maintenance stand
- Air motor with foot pedal control

Reference brochure L002

## XUE-SERIES UPENDERS

2,500 TO 6,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift XUE-Series Upenders are hydraulic, heavy-duty units with load capacities ranging from 2,500 to 6,000 lb. XUE-Series Upenders facilitate a tilt angle of up to 90°. The standard platform sizes for the XUE-Series Upenders are: 36" x 36" x 36", 36" x 36" x 48" or 36" x 36" x 60". XUE-Series Upenders feature a low height of 18".

### APPLICATIONS:

Pentalift XUE-Series Upenders are engineered and designed to meet the needs of the steel, paper and other industries where a freestanding, heavy-duty upending table is required to orient or position coils, rolls or other heavy and awkward loads. A variety of custom options is available to meet the specific requirements of the application.

### STANDARD FEATURES:

- Lubricated for life, maintenance-free bearings at pivot points
- Counter balanced valves hard plumbed to cylinder to prevent load runaway when tilting or in the event of hose failure
- Lagging holes in frame
- Self-contained 1 1/2 hp. hydraulic power unit 230-460-575/3/60 TENV motor
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- Temporary power wires
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Upender finished in Pentalift gray enamel

### OPTIONS:

- Hydraulic power units up to 5 hp.
- Non-standard platform sizes
- "V" groove in platform
- Pallet pocket
- Custom floor stands
- Movement indicators
- Wall-mounted push button station
- Guarded foot pedal control
- Upending warning alarm

## PROAIR-SERIES LIFT & TILT TABLES 2,000 TO 6,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift ProAir-Series Lift and Tilt Tables are rugged and reliable, pneumatic operated scissor lift tables with capacities ranging from 2000 to 6000 lb. Tilt platforms are available in either a 30° or a 40° tilt. Tilt platform sizes of 30" x 48" up to 66" x 60" are available as standard. All Pentalift ProAir-Series Lift and Tilt Tables have a low height of 16" and feature 24" of vertical travel.

### APPLICATIONS:

Pentalift ProAir-Series Lift & Tilt Tables offer the ideal solution for raising and tilting containers into the most productive and ergonomically correct position. Heavy-Duty Retaining Bar eliminates potential "tangling" associated with retaining chain design.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Straight toe guards suitable for surface mounting
- Lagging brackets welded to frame
- Backstop 12" high on tilter
- Lifetime warranty on Air Actuator
- (2) Separate Air Actuator systems. (1) for lift, (1) for tilt requiring different air pressure
- Non-adjustable relief valve on lift and tilt
- (2) Control valves on pedestal c/w mufflers
- 10' of pneumatic hose (2 hoses)
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard tilter platform sizes
- Accordion bellows
- Guarded foot pedal control
- Regulator filters
- Special height backstop up to 24" high
- Tilt Stabilizer
- Restrict tilt to 30°
- Restrict tilt to 40°
- Hinged integral maintenance stands

Reference brochure L020

## PROAIR-SERIES LIFT TABLES 2,000 TO 6,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift ProAir-Series Lift Tables are rugged and reliable, pneumatic operated scissor lift tables with capacities ranging from 2000 to 6000 lb. Standard platform sizes range from 25" x 48" to 66" x 72". All models have a 9" lowered height and feature 24" of vertical travel. All Pentalift ProAir-Series Lift Tables are designed, engineered and constructed for use in heavy-duty applications.

### APPLICATIONS:

Pentalift ProAir-Series Lift Tables are ideally suited for raising or lowering product into the most ergonomically correct position. Ergonomically correct positioning increases productivity and reduces the risk of injury to the operator.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Straight toe guards suitable for surface mounting
- Lagging brackets welded to frame
- Lifetime warranty on Air Actuator
- Pedestal mounted control valve c/w muffler
- Non-adjustable relief valve
- 10' of pneumatic hose
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard platform sizes
- Accordion bellows
- Guarded foot pedal control
- Regulator filter
- Semi-Portable Designs
- Hinged integral maintenance stand

Reference brochure L020

## PROAIR-SERIES LIFT & ROTATE TABLES 2,000 TO 6,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift ProAir-Series Lift & Rotate Tables are heavy duty, pneumatic operated lift and rotate scissor lift tables with capacities ranging from 2000 to 6000 lb. Rotating top platform sizes are available in sizes ranging from 25" x 48" to 62" x 70" as standard. Circular tops can be specified with diameters ranging from 36" to 50". All Pentalift ProAir-Series Lift & Rotate Tables have a lowered height of 13" and feature 24" of vertical travel.

### APPLICATIONS:

Pentalift ProAir-Series Lift & Rotate Tables are designed to raise, lower and rotate product into a comfortable working position. Rotation permits load/off load at the position closest to the operator. This feature reduces reaching and lifting/lowering at an awkward, extended position.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Straight toe guards suitable for surface mounting
- Lagging brackets welded to frame
- Lifetime warranty on Air Actuator
- Pedestal mounted control valve c/w muffler
- Non-adjustable relief valve
- 10' of pneumatic hose
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard rotator platform sizes
- Manually operated stop
- Spring activated detent stops
- Spring-loaded rotator lock
- Rotator brake
- Accordion bellows
- Guarded foot pedal control
- Regulator filter
- Hinged integral maintenance stands

Reference brochure L020



## **XDSL-SERIES DOUBLE SCISSOR LIFT TABLES** 2,500 TO 6,000 lb. CAPACITIES



### **DESCRIPTION:**

Pentalift XDSL-Series Double Scissor Lift Tables are hydraulic, heavy-duty, lift tables with load capacities ranging from 2,500 to 6,000 lb. Travel heights of 43", 52", 60", 79" or 90" are available. XDSL-Series Lift Tables feature a 12" to 16" low height. Standard platform sizes range from 24" x 36" to 42" x 72" (optional to 54" x 84").

### **APPLICATIONS:**

Pentalift XDSL-Series Double Scissor Lift Tables are suitable for higher lift applications, such as mezzanine access for storage or material transfer, where higher travel with a compact platform is required.

### **STANDARD FEATURES:**

- Scissor legs are solid steel, with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- PentaFLOW hydraulic bypass cylinders
- Remote hydraulic power unit  
230-460-575/3/60 TEFC motor
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button control on 10' of straight cord
- Straight toe guards suitable for surface mounting
- Lagging brackets on frame
- Full width leg hinge pins
- Cross bracing between legs
- Top and bottom roller retainers
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### **OPTIONS:**

- Non-standard platform sizes
- Hydraulic power units up to 10 hp.
- Accordion bellows
- Hydraulic velocity fuse
- Bevel toe guards
- Guarded foot pedal control
- Up travel limit switch
- Wall-mounted push button station
- Safety trip bars
- Sure stop valve

## **XTSL-SERIES TRIPLE SCISSOR LIFT TABLES** 2,500 TO 6,000 lb. CAPACITIES



### **DESCRIPTION:**

Pentalift XTSL-Series Triple Scissor Lift Tables are heavy-duty, hydraulic tables with lift capacities of 2,500 to 6,000 lb. XTSL-Series Tables feature a low height of either 22" or 28". Standard platform sizes range from 36" x 48" to 48" x 72" (optional to 60" x 84"). Travel height up to 180" can be specified.

### **APPLICATIONS:**

Pentalift XTSL-Series Triple Scissor Lift Tables are used in small footprint, high lift applications to access mezzanines, for processing, storage and/or material transfer.

### **STANDARD FEATURES:**

- Scissor legs are solid steel, with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- PentaFLOW hydraulic bypass cylinders
- Remote hydraulic power unit  
230-460-575/3/60 TEFC motor
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- High pressure hose (with double steel braid)
- Straight toe guards suitable for surface mounting
- Lagging brackets on frame
- Full width leg hinge pins
- Top and bottom roller retainers
- Cross bracing between legs
- Integral maintenance stand
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### **OPTIONS:**

- Non-standard platform sizes
- Hydraulic power units up to 10 hp.
- Hydraulic velocity fuse
- Guarded foot pedal control
- Up travel limit switch
- Wall-mounted push button station
- Safety trip bars
- Sure stop valve

## **XQSL-SERIES QUADRUPLE SCISSOR LIFT TABLES** 2,500 TO 6,000 lb. CAPACITIES



### **DESCRIPTION:**

Pentalift XQSL-Series Quadruple Scissor Lift Tables are heavy-duty, high lift, hydraulic tables with lift capacities from 2,500 to 6,000 lb. Travel height of up to 240" can be specified. XQSL Series Tables feature a low height of either 28" or 36".

### **APPLICATIONS:**

Pentalift XQSL-Series Quadruple Scissor Lift Tables are used in small footprint, high lift applications to access mezzanines, for processing, storage and/or material transfer.

### **STANDARD FEATURES:**

- Scissor legs are solid steel, with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- PentaFLOW hydraulic bypass cylinders
- Remote hydraulic power unit  
230-460-575/3/60 TEFC motor
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- High pressure hose (with double steel braid)
- Straight toe guards suitable for surface mounting
- Lagging brackets on frame
- Full width leg hinge pins
- Top and bottom roller retainers
- Cross bracing between legs
- Integral maintenance stand
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### **OPTIONS:**

- Non-standard platform sizes
- Hydraulic power units up to 10 hp.
- Hydraulic velocity fuse
- Guarded foot pedal control
- Up travel limit switch
- Wall-mounted push button station
- Safety trip bars
- Sure stop valve

## PENTALOADER SELF-LEVELLING TABLES UP TO 4,500 lb. CAPACITY



### DESCRIPTION:

Pentalift Pentaloader is a rugged, self-leveling, spring activated table available in four models. The load handling range for the Pentaloader is different for each model. A Pentaloader model can be specified to handle a loading / unloading operation up to 4,500 lb. The load handling characteristics of each model can be easily adjusted to facilitate four different loading / unloading settings. Each Pentaloader has the capability to handle a variety of load sizes and piece weights.

### APPLICATIONS:

The Pentaloader improves efficiency and enhances workplace ergonomics for palletizing and depalletizing operations in manufacturing, packaging and distribution companies. It is ideally suited for applications where product of a uniform size, shape and weight is being loaded/unloaded. Due to the four possible adjustment settings on each model, the Pentaloader is a versatile piece of material handling equipment. Since it requires no hook up to electricity or air, the Pentaloader can be easily put to work in any location.

### STANDARD FEATURES:

- Smooth steel deck surface
- Manual rotating top is 3/8" solid steel plate 48" x 48"
- Corner guard locators positioned at an inside measurement on 50" x 50" square
- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Lagging holes in frame
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- 52" clearance between corner locators
- Semi-portable design
- Turntable brake
- Accordion bellows

Reference brochure L010

## E-SERIES LIFT TABLES 500 OR 1,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift E-Series Lift Tables are economically priced, hydraulic, scissor lift tables available with capacities of either 500 or 1,000 lb. The platform size for E-Series tables is 24" x 48". The travel height of 30" for the E-Series Table permits the workpiece to be correctly positioned in the proper "ergonomic envelope" for any worker. The low height for either capacity of E-Series Table is 6".

### APPLICATIONS:

E-Series tables are designed to lift/position lighter loads (up to 1000 lb.) in most any manufacturing, processing, printing or other material handling operation. They feature the benefits of proven and reliable hydraulic technology. E-Series Lift Tables are durable, economical scissor lift tables that improve productivity and enhance workplace ergonomics for a wide range of material handling operations.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Smooth steel deck plate
- Self-contained hydraulic power unit 115/1/60 TENV motor
- Pre-wired push button on 10' of straight cord
- 10' of straight power cord
- Pre-wired with a 3-prong plug
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Portable model
- Detachable push bar mounted to subframe for portable unit
- Guarded foot pedal (electric) in lieu of push button
- Accordion bellows
- Air-Hydraulic power unit (remote only)

## XL-SERIES 4.3" LOW HEIGHT LIFT TABLES 1,500 TO 4,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift XL-Series 4.3" Low Height Lift Tables are heavy-duty, hydraulic industrial scissor lift tables featuring a 4.3" low height design. They are available with capacities from 1,500 to 4,000 lb. with travel of 27" to 36". Platform sizes of 30" x 48" to 48" x 80" can be specified.

### APPLICATIONS:

Pentalift XL-Series 4.3" Low Height Lift Tables are designed to operate in applications requiring a minimum low height. They are used in both material handling and system type applications.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Pentalift hydraulic bypass cylinder
- Straight toe guards suitable for surface mounting
- Remote hydraulic power unit 115/1/60 TENV motor
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard platform width
- Non-standard platform length
- Hydraulic power units up to 3 hp.
- Approach ramp
- Guarded foot pedal control station
- Up travel limit switch
- Wall-mounted push button station
- Hydraulic velocity fuse
- Safety trip bars
- Accordion bellows
- Hinged integral maintenance stand



## XTL-SERIES TANDEM LIFT TABLES

5,000 TO 12,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift XTL-Series Tandem Lift Tables are heavy-duty, hydraulic scissor lift tables for applications requiring longer platform sizes. XTL-Series Tandem Lift Tables are available for load capacities ranging from 5,000 to 12,000 lb. with travel heights of 24", 36" or 48". Various platform sizes from 24" x 96" to 60" x 168" are offered.

### APPLICATIONS:

Pentalift XTL-Series Tandem Lift Tables feature a longer length platform to meet the application needs of manufacturing, processing and distribution operations where materials of greater length are being handled.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Exclusive PentaFLOW hydraulic bypass cylinders
- Straight toe guards suitable for surface mounting
- Lagging holes in frame
- Self-contained hydraulic power unit 230-460-575/3/60 TENV motor

- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- Temporary power wires
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard platform sizes
- Hydraulic power units up to 10 hp.
- Hydraulic velocity fuse
- Bevel toe guards
- Accordion bellows
- Up travel limit switch
- Safety trip bars
- Guarded foot pedal control
- Wall-mounted up/down push button station
- Sure stop valve
- Hinged integral maintenance stand

## XTLH-SERIES TANDEM LIFT TABLES

10,000 TO 40,000 lb. CAPACITIES



### DESCRIPTION:

Pentalift XTLH-Series Tandem Lift Tables are heavy-duty, hydraulic scissor lift tables with load capacities ranging from 10,000 to 40,000 lb. They are available with various platform sizes from 48" x 180" to 96" x 240" with a common low height of 15' for most models. The 40,000 lb. capacity table has a low height of 22". Travel for the XTLH-Series can be specified at 50" or 59" (40,000 lb. table has travel of 59").

### APPLICATIONS:

XTLH-Series Tandem Lift Tables provide heavy-duty lifting capacity with a wide range of platform sizes. They are ruggedly built to meet the demands of various applications in manufacturing, processing and distribution operations where heavy loads of longer length are required to be lifted and/or positioned.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Exclusive PentaFLOW hydraulic bypass cylinders
- Lagging holes in frame

- Bevel toe guards suitable for pit mounting
- Remote hydraulic power unit 230-460-575/3/60 TEFC motor
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- Hinged integral maintenance stand
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard platform sizes
- Hydraulic power units up to 10 hp.
- Accordion bellows
- Hydraulic velocity fuse
- Guarded foot pedal control
- Safety trip bars
- Up travel limit switch
- Wall-mounted push button station
- Sure stop valve



## XLH-SERIES 12" LOW HEIGHT LIFT TABLES

8,000 TO 15,000 lb. CAPACITIES

### DESCRIPTION:

Pentalift XLH-Series 12" Low Height Lift Tables are heavy-duty, hydraulic industrial scissor lift tables. XLH-Series 12" Lift Tables are available in capacities ranging from 8,000 to 15,000 lb. Travel heights can be specified from 50" to 59" with platform sizes available from 48" x 84" to 96" x 144".

### APPLICATIONS:

Pentalift XLH-Series 12" Low Height Lift Tables are engineered and built to perform reliably in applications requiring higher capacity load handling and a broader range of operating travel. XLH-Series 12" Lift Tables are well suited for use in various manufacturing, printing and processing operations. They can be integrated into material handling systems applications.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Exclusive PentaFLOW hydraulic bypass cylinders
- Remote hydraulic power unit 230-460-575/3/60 TEFC motor
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- Bevel toe guards suitable for pit mounting
- Hinged integral maintenance stand
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard platform width
- Non-standard platform length
- Guarded foot pedal control
- Up travel limit switch
- Wall-mounted push button station



### OPTIONS: (continued)

- Push button with coil cord
- Sure stop valve
- Hydraulic velocity fuse
- Safety trip bars
- Accordion bellows
- Hydraulic power units up to 10 hp.
- Air motor with foot pedal control

## XLH-SERIES 20" LOW HEIGHT LIFT TABLES

20,000 lb. CAPACITY

### DESCRIPTION:

Pentalift XLH-Series 20" Low Height Lift Tables are heavy-duty, hydraulic industrial scissor lift tables. They are thoughtfully designed and ruggedly built to efficiently handle high capacity loads up to 20,000 lb. Travel of 50" to 59" can be specified. Platform sizes from 48" x 84" to 96" x 144" are available.

### APPLICATIONS:

XLH-Series 20" Low Height Lift Tables are designed to bring efficiencies to a broad range of material handling applications where heavy loads are being handled. XLH-Series 20" Low Height Lift Tables are well suited for use in various manufacturing, and processing operations involving the positioning of heavy loads. They can be integrated into material handling systems applications.

### STANDARD FEATURES:

- Scissor legs are solid steel, one piece construction with precision reamed holes for accurate alignment and table operation
- Lubricated for life, maintenance-free bearings at pivot points
- Exclusive PentaFLOW hydraulic bypass cylinders
- Lagging holes in frame
- Remote hydraulic power unit 230-460-575/3/60 TEFC motor
- Bevel toe guards suitable for pit mounting
- Pre-wired NEMA 12 motor controls
- Pre-wired NEMA 12 push button on 10' of straight cord
- Highly visible, detailed safety and operation decals for greater visibility and safety
- Hinged integral maintenance stand
- Table finished in Pentalift gray enamel

### OPTIONS:

- Non-standard platform width
- Non-standard platform length
- Guarded foot pedal control
- Up travel limit switch
- Wall-mounted push button station
- Push button with coil cord
- Sure stop valve



### OPTIONS: (continued)

- Hydraulic velocity fuse
- Safety trip bars
- Accordion bellows
- Hydraulic power units up to 10 hp.
- Air motor with foot pedal control

## **XNL-SERIES NO LOW LIFT TABLES** 2,500 TO 6,000 lb. CAPACITIES



### **DESCRIPTION:**

Pentalift XNL-Series No Low Lift Tables are hydraulic, scissor lift tables that facilitate floor level access by pallet trucks and other material handling equipment. The capacities available for XNL-Series No Low Lift Tables range from 2,500 to 6,000 lb. XNL-Series tables are designed to accommodate the common dimensions of tote boxes and bins that are in use in various industries. Platform sizes are available from 44" x 48" to 50" x 54". The front approach edge of the platform is beveled to make the loading / unloading of the table an easy operation. Pentalift No Low Lift Tables have a travel height of 35".



### **APPLICATIONS:**

Pentalift XNL-Series No Low Lift Tables are designed to be loaded / unloaded at floor level by powered or manual material handling equipment. A No Low table lifts the load (container / tote bin) into the correct "ergonomic envelope" for the worker. Pentalift XNL-Series No Low Lift Tables are ruggedly built to perform reliably in most any industrial setting. By reducing the bending associated with the retrieval of parts, XNL-Series No Low Lift Tables improve the efficiency of manufacturing, machining and processing operations.

## **XNLT-SERIES NO LOW LIFT & TILT TABLES** 2,500 TO 6,000 lb. CAPACITIES



### **DESCRIPTION:**

Pentalift XNLT-Series No Low Lift & Tilt Tables are heavy-duty, hydraulic scissor lift tables with tilt platforms that permit floor level access to the lift platform. They are available in capacities from 2,500 to 6,000 lb. The XNLT-Series No Low Lift & Tilt Tables are available with platform sizes from 44" x 48" to 50" x 54". The travel height for the XNLT-Series is 34". The tilt platform can be specified to tilt up to 30° or 45°. All XNLT-Series No Low Lift & Tilt Tables have a beveled edge on the approach end of the pan to make loading / unloading a smooth and easy operation.

### **APPLICATIONS:**

XNLT-Series No Low Lift & Tilt Tables are designed to meet the rugged demands of many industrial materials handling applications where loads need to be pushed or driven onto a floor level platform then lifted and tilted for easy access or positioning.

## **PRO-SERIES BIN TILTER – PORTABLE AND STATIONARY MODELS** 2,000 & 4,000 lb. CAPACITIES

### **PORTABLE**



### **DESCRIPTION:**

Pentalift Pro-Series Portable Bin Tilter is a hydraulic bin positioning unit complete with a self-contained power unit. The bin tilter's large casters facilitate easy movement both under the bin and into the work area before tilting. The Portable bin tilter when operated, positions work at an optimal, ergonomically correct work height for the operator and facilitates gravity feeding of parts. The Pro-Series Portable Bin Tilter can be specified for load capacities of either 2,000 or 4,000 lb.

### **APPLICATIONS:**

Pentalift Pro-Series Portable Bin Tilters are designed to meet the rugged demands of various industrial positioning applications. The Portable Bin Tilter can be rolled to pick up a loaded bin and then pushed to the required location then tilted to position the load into the correct "ergonomic envelope" for the worker. Pentalift's Pro-Series Portable Bin Tilters are ruggedly built to perform reliably in any industrial setting. By reducing the bending associated with the retrieval of parts, Pentalift Portable Bin Tilters improve the efficiency of manufacturing, machining and processing operations.

Reference brochure LD19

### **STATIONARY**



### **DESCRIPTION:**

Pentalift Pro-Series Stationary Bin Tilter is a hydraulic bin-positioning unit. Once in position and securely lagged to the floor, a bin can easily be loaded onto the bin tilter using a pallet jack, powered pallet truck or lift truck. When operated, the load on the forks of the unit tilts to an ergonomically correct work height for the operator. The tilting of the bin also facilitates the gravity feeding of parts. The Pro-Series Stationary Bin can be specified for load capacities of either 2,000 or 4,000 lb.

### **APPLICATIONS:**

Pentalift Pro-Series Stationary Bin Tilters are designed to be loaded/unloaded by powered or manual material handling equipment. The forks of the bin tilter position the bin into the correct "ergonomic envelope" for the worker. Pentalift's Pro-Series Stationary Bin Tilters are ruggedly built to perform reliably in any industrial setting. By reducing the bending associated with the retrieval of parts, Pentalift Stationary Bin Tilters improve the efficiency of manufacturing, machining and processing operations. The unit's self-contained power unit plugs into a 110-volt outlet.

Reference brochure LD19



# Options

Shown below are some popular options. Many more are available to suit various applications. Please contact your distributor or our factory for more details.

## Control Options

### Power units

Power units options include:

- Various supply voltages
- Various horsepower ratings to achieve faster cycle times
- Remote or self contained installations
- DC voltage
- Pneumatically powered
- Custom configurations to suit various applications



### Programmable Logic Control Operation

Programmed and tested by our in-house electronics specialists. Available for custom integration on new or existing systems.



### Foot Pedal Control Station

Foot pedal station frees operator's hands.



### "Up Travel" Limit Switch

Available for precise, repetitive positioning.



## Safety and Performance Options

### Safety Trip Bars

Locks downward travel of table when activated. Operates on 24 volts. Strongly recommended for all applications.



### Free Fall Protection

Three forms of protection are available, each connected rigidly to base of cylinders. Choices are

1. Flow control
2. Velocity Fuse (as illustrated)
3. Solenoid Valve.

Application determines selection.



### Safety Accordion Bellows, Galvanized Steel Mesh, Roller Curtains

Installed on one or more sides of lift table to protect workers and minimize debris entry under platform area.



### High Cycle, Central Lubrication Package

Platform mounted central lubrication manifold simplifies and assures lubrication of all points. High cycle packages custom tailored to suit exceptionally high duty cycles and/or adverse operating environments. Packages including high speed bearings and cam followers, replaceable hardened roller raceways, cushioned cylinders, etc.



### Load Cells

For operations or processes where the weighing of the load is required.



### Portable

Manual or powered enabling movement of loaded lifts with any size platform.



### Conveyor Platforms

Roller conveyor, powered conveyor, ball transfer unit can be specified and installed on the appropriate lift table to suit the demands of the specific application.



### Rotating Platform

Table top rotates, manually or powered, to enable work to be positioned, minimizing worker reaching, stretching and straining. Spring actuated detent stops are available to locate the platform in 90 degree increments. Various brake systems (manual or powered) are available to stoplock in any position.



## EXCLUSIVE PENTALIFT

**PentaFLOW**

## HYDRAULIC CYLINDER

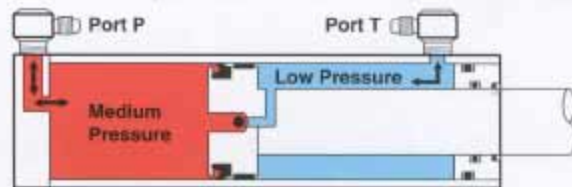
The lift cylinder is the heart of any hydraulic lift system. Pentalift's exclusive design ensures the longest cylinder life, reduces maintenance and eliminates oil spills.

### HERE'S HOW IT WORKS:

Pentalift's PentaFLOW cylinder is completely sealed from the surrounding atmosphere and all components are continuously bathed in fresh oil. Contamination and deterioration of the cylinder cannot occur. When the cylinder reaches full extension, the bypass valve opens and allows oil to flow through the piston to the rod side of the cylinder, out the port, and back to the reservoir. This prevents the cylinder from dead ending and building high stresses in the cylinder, equipment structure, and hydraulic system.

Air in the cylinder is automatically ejected through the bypass valve. The need for manual bleeding which often results in oil spills is eliminated.

Note: Precision turned, ground, polished and chrome plated cylinder rod and "drawn over mandrel" precision honed barrel are standard on all PentaFLOW cylinders.



■ Oil under medium pressure

■ Oil under low pressure

Port P (Oil from pump)

Port T (Oil to reservoir)

## Other Pentalift Lift Table Products

### PENTALIFT FORK TRUCK MAINTENANCE LIFT



- INCREASED SAFETY (STEERING FORK TRUCK MAINTENANCE)
- ALLOWED FREE ACCESS TO ALL SERVICE AREAS
- NO REAR VIEWING REQUIRED
- REMOVABLE CHAIR FOR EASY ACCESS
- 360° TURN CAPABILITY
- SAFETY SWITCHES (HYDRAULIC LEAKS, OVERLOAD)



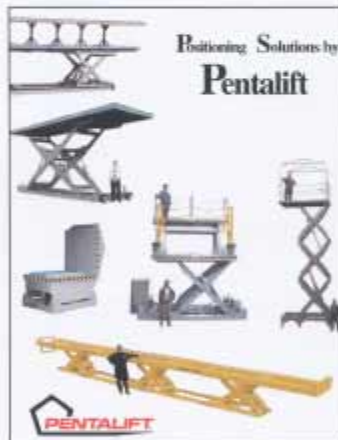
### Screw Actuated Lift Tables



- System Features:**
  - Built-in safety features (e.g., safety switches, safety valves, safety interlocks, etc.)
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- Long Life, Low Maintenance:**
  - Built-in safety features (e.g., safety switches, safety valves, safety interlocks, etc.)
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- Typical Applications:**
  - Built-in safety features (e.g., safety switches, safety valves, safety interlocks, etc.)
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PENTALIFT EQUIPMENT CORPORATION

### Positioning Solutions by Pentalift



### Stainless Steel Hydraulic Lift Tables



- System Features:**
  - Built-in safety features (e.g., safety switches, safety valves, safety interlocks, etc.)
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- Long Life, Low Maintenance:**
  - Built-in safety features (e.g., safety switches, safety valves, safety interlocks, etc.)
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Consult a Pentalift Sales Representative for additional information or equipment recommendations.

NOTE: Some photos may reflect products with optional features. All Pentalift Equipment Corporation products are subject to design improvement through modification without notice.

## PENTALIFT EQUIPMENT CORPORATION

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