

Pentalift HED 12 Inch Low Height Elevating Dock Lift Design Features

The Pentalift HED Elevating Dock Lift, is a pit mounted Elevating Dock Lift designed for increasing efficiency and safety in loading / unloading trucks and trailers. The design and features of the Pentalift HED make it the highest quality Elevating Dock Lift available. The HED Elevating Dock Lift is the best possible choice for a large number of Loading Dock applications.

OSHA compliant 42" high removable steel guard rail c/w mid rail and 4" kick plate.

Plated Access Chain: Prevents operator from falling.

High tensile steel checker plate hinged bridge and deck plate with Structural Supports.

Bevel Toe Guards for Pit Mounting Protection.

Scissor Legs: Solid steel one piece construction with precision reamed holes. All pivot pins are chrome plated.

Exclusive PentaFLOW Hydraulic Bypass Cylinder (see opposite page) with hydraulic velocity fuse.

Hinged Integral Maintenance Stand.

Shipped Complete: Finished product, power unit, controls (standard push button control shown) and all other components are factory load-tested and shipped fully assembled, complete with hydraulic fluid.

"Lubricated for Life" maintenance free bearings at all pivot points.



Pentalift HED 20 Inch Low Height Elevating Dock Lift Design Features

The Pentalift HED High Capacity Elevating Dock Lift: As shown below this Elevating Dock Lift maintains the same operational features and benefits of the HED 12 Inch Low Height Elevating Dock with increased structural construction to facilitate heavy load handling capability. These models are frequently utilized to raise and lower a Fork Lift and its load.

High tensile steel checker plate hinged bridge and deck plate with Structural Supports.

Plated Access Chain: Prevents operator from falling.

OSHA compliant 42" high removable steel guard rail c/w mid rail and 4" kick plate.

Bevel Toe Guards for Pit Mounting Protection.

Exclusive PentaFLOW Hydraulic Bypass Cylinder (see previous page) with hydraulic velocity fuse.

Hinged Integral Maintenance Stand.

Heavy Duty Full Length Deck Beams.

Scissor Legs: Solid steel one piece construction with precision reamed holes. All pivot pins are chrome plated.

Dual lower leg rollers, distribute loads equally through scissor leg.

Shipped Complete: Finished product, power unit, controls (standard push button control shown) and all other components are factory load-tested and shipped fully assembled, complete with hydraulic fluid.



"Lubricated for Life" maintenance free bearings at all pivot points.

Pentalift Elevating Dock Lift Optional Features:



Optional Hydraulic Power Units:

Elevating Dock Lift Power Units are available to suit any incoming supply voltage and are available in a wide range of Horse Power ratings. Pentalift adds value by designing and assembling all Control Panels and wiring "In House". Please contact your Pentalift Sales Representative to discuss the Power Unit best suited to your application.

Deck Mounted Push Button Control >

Push Button on steel post is mounted on the deck.



< Up Travel Limit Switch
Stops units travel at the preset travel dimension every time.



Push Button on Coil Cord
Extends from 4 ft to 20 ft.

Hydraulic Pop Up Chock >
(shown in Orange) Prevents Fork Lift or cart from rolling off lift. Automatically raises into safety position as Elevating Dock Lift raises.



< Electric Trip Bars (shown in red), surrounds the perimeter of the lift's platform and arrests the downward decent of the lift when an obstruction is encountered.



Hydraulic Powered Lip
Raising and lowering of the lip is controlled by push button.

Other Options (Not shown with a Photograph)

- Removable Push Button on post on Deck.
- Wall Mounted Push Button.
- 2 Second Warning Bell (sounds prior to lift movement).
- Manual Lowering Valve.
- Overhead Door Interlocking Kit.
- Additional Guard Rails (Deck or Floor Mount).
- Swing-Out Night Stops.
- Different Size Lips and Bridges.
- Aluminum Lips and Bridges.



Spring Assisted Lip
Spring assist reduces the manual force required to raise or lower the lip into position.