



Engineered for Safety!

LPE Series Low Profile Dock Lift

Description:

A lowered height of only 6" allows ground level access without the need for construction of a pit. With vertical travel of 54", a Pentalift low profile dock lift can accommodate truck/trailer heights from pick-ups to semi-trailers. Since it requires no pit and has the capability to be semi-portable, a low profile dock lift is an effective solution for ground level doors, confined spaces and leased building applications. The Pentalift Low Profile Dock Lift is a surface mounted, stationary or semi-portable unit offering several deck sizes with different capacities. The design of the LPE unit ensures maximized stability and full use of the deck area for product transfer. Cylinder placement is completely beneath the deck eliminating above deck obstructions common to other designs with vertical or mast type cylinder arrangements.



Pentalift's exclusive lift cylinder design ensures the longest cylinder life and reduced maintenance costs. Go to <http://www.pentalift.com/pentaflow.htm> for more information. Full use of the deck area adds the capability to load/unload in all four directions for greater efficiency and reduced product damage. Pentalift low profile dock lifts are available in sizes and lifting capacities to suit a wide range of loading dock applications.

Specifications:

Low profile dock lift model LPE _____ as manufactured by Pentalift Equipment Corporation. dock lift to have a platform size of _____" wide x _____" long, built of 4-way safety tread plate and with straight toe guards. The unit shall have a lifting capacity of _____ lb with vertical travel of 54" and a lowered height of 6". An 18" long x 60" wide safety tread bridge plate is to be provided on the rolling end. A 36" long x 60" wide hinged approach plate will be provided on the fixed end. Plated access chain between guard rails on fixed end. Hydraulic lift cylinders shall be PentaFLOW style equipped with an automatic bypass system at the top of cylinder stroke. Hydraulic cylinders to be advantageously located completely beneath the unit to permit both full use of deck area and product transfer in all four directions. A velocity fuse shall be incorporated to prevent deck free-fall in the event a hydraulic hose is accidentally severed. Scissor legs shall be of solid steel construction for maximum strength and rigidity. Unit to have two removable guardrails 1-5/8" in diameter, 42" high with mid rail and 4" high kick plate. Controls to be NEMA 4X pendant type push-button. The power unit is to be remote mounted and consist of a TEFC, continuous duty motor with integral hydraulic fluid reservoir. The motor shall be equipped with a NEMA 12 control enclosure. Power supply to be _____/_____/_____. The low profile dock lift shall be shipped complete with hydraulic fluid. Unit to have Pentalift gray finish.

Model selection table and model selection notes:

Model #	Platform Size	Vertical Travel (inches)
LPE58_	60 in x 96 in	54
LPE510_	60 in x 120 in	54
LPE68_	72 in x 96 in	54
LPE610_	72 in x 120 in	54
LPE78_	84 in x 96 in	54
LPE710_	84 in x 120 in	54
LPE88_	96 in x 96 in	54
LPE810_	96 in x 120 in	54

Note: Available in 4,000 lb, 5,000 lb, 6,000 lb, 8,000 lb capacity. All capacities provide 54" of vertical travel. 4,000 lb, 5,000 lb, 6,000 lb models have a low height of 5 ¾", 8,000 lb model a low height 6". (Add ¼" to all low height's if ordered with retaining cradles and wear plates). Side and end edge load capacities are 50% of lift capacity. Retaining cradles and wear plates are recommended for all installations and increase the end edge load capacity to 75% of lift capacity. This design of elevating dock lift is recommended for use with pallet trucks and push carts; it is not recommended for use with fork lift trucks or powered loading equipment.

Dock lift to be equipped with the following available options (specify):

- retaining cradles and wear plates
- toe sensor
- larger bridge sizes
- aluminum bridge(s)
- split bridge(s)
- spring assisted bridge(s)
- automatic mechanical roll off stop
- power units with increased hp for faster lift times
- up travel limit switch
- platform mounted push button control
- push button on coil cord
- wall mounted push button
- two second warning bell (sounds prior to lift movement)
- up / down key operated selector switch
- overhead door interlocking kit
- additional guard rails (platform or floor mount)
- manual lowering valve
- portable dolly handle
- platform mounted power unit
- hinged approach plate

Link to Website Information

For more information regarding this product refer to the Pentalift website product page: www.pentalift.com/prodinfoLPE.htm
To view five typical installation configurations refer to this link: www.pentalift.com/TypicalInstallations.htm

Consult a Pentalift Sales Representative for additional information or equipment recommendations

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

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