



# Hydraulic Dock Leveler HD Series

PENTALIFT EQUIPMENT CORPORATION

*Performance through design; Quality through construction*



The Pentalift HD Series Hydraulic Dock Leveler is designed and built to provide superior product value through prolonged, trouble-free performance. Convenient push button activation and proven hydraulic technology increase the efficiency and safety of the loading/unloading process. The Pentalift HD Series Hydraulic Dock Leveler provides superior performance in high frequency loading/unloading, heavy load and abusive environment applications. All Pentalift dock levelers are factory tested before shipping.

## Operation

When the operator pushes and holds the raise button, the deck rises to its full height. The lip then extends into position. When the raise button is released, the deck and lip lower until the extended lip rests on the truck/trailer bed. If there is no truck/trailer present or the truck/trailer departs, the deck lowers, contacting the below level stops. The lip automatically drifts into the pendant position behind the dock bumpers. When equipped with automatic return-to-stored position, the deck automatically returns to the stored position with the lip behind the night lock. Deck lift and lip extensions are controlled through the Pentalogic Hydraulic Manifold.

## Pentalogic Hydraulic Manifold

The Pentalogic Hydraulic Manifold controls every hydraulic function of the Pentalift HD Series Hydraulic Dock Leveler. With only two moving parts, the Pentalogic Hydraulic Manifold performs several functions without requiring elaborate electro-hydraulic valve assemblies. All internal components are constantly bathed in hydraulic oil to protect them from contamination by outside environments.



*Refer to Product Bulletin D001 for more detailed information.*

*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 modifications without notice.*

## Model Number Selection (nominal ft)

Model*	Width	Length
HD66__	6.0	6.0
HD68__	6.0	8.0
HD610__	6.0	10.0
HD6.56__	6.5	6.0
HD6.58__	6.5	8.0
HD6.510__	6.5	10.0
HD76__	7.0	6.0
HD78__	7.0	8.0
HD710__	7.0	10.0

\*Models available in rated capacities of 25,000 to 160,000 lb.

## Specifications

Hydraulic Dock Leveler(s) to be model HD\_\_\_\_\_ as manufactured by Pentalift Equipment Corporation. The nominal deck size will be \_\_\_' wide x \_\_\_' long with a rated capacity of \_\_\_\_\_ lb. Dock Leveler(s) will be fully hydraulic with a wall-mounted, push button control station. The power unit will be a 1 ½ Hp, self-contained, TENV unit installed on the dock leveler frame. The power supply will be \_\_\_/\_\_\_/\_\_\_ . All hydraulic functions will be controlled by the Pentalogic Hydraulic Manifold. The nominal lip length will be 16" and will be self-retracting. The lip hinge will be a full width, piano style with a full width hinge pin. The lip hinge will be welded to a high tensile headboard. The rear hinge design will be a full width, fixed style. The deck design will accommodate canted trucks/trailers up to 4". Dock Leveler(s) will be equipped with full range toe guards, night lock, hydraulic fallsafe and a maintenance stand. The lift cylinder shall be top-fed and forward-positioned behind the headboard. Two molded rubber bumpers will be provided. Dock Leveler(s) will have Pentalift gray finish.

## Dock Leveler To Be Equipped With The Following Available Options (Specify):

- pour-in installation style
- automatic return-to-stored position
- deck stop with independent lip control
- weatherseal (rubber or brush)
- interlock to HFR32, LPR35 or UHR40 restraint
- interlock to overhead door
- master control panel
- Easy Sweep frame design
- lip hinge grease fittings
- foam insulated deck
- 18" lip length
- 20" lip length

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