

Series HU Ultima Hydraulic Dock Levelers

*Performance through design
Quality through construction*



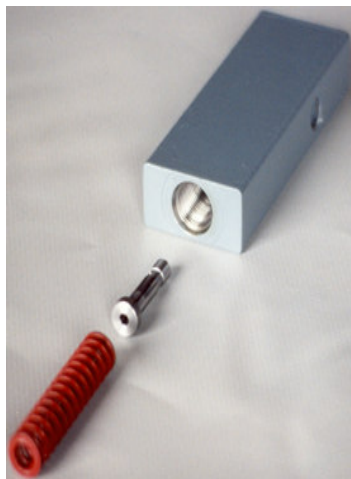
The Pentalift Series HU Ultima Hydraulic Dock Leveler is designed and built to provide superior product value through prolonged, trouble-free performance. Convenient push-button activation and proven hydraulic technology increase the efficiency and safety of the loading/unloading process. The Pentalift Series HU Ultima 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 depresses and holds the raise button, the deck rises to its full height. The lip then extends into position. When the 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 Series HU Ultima 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.



Model Number Selection (in nominal feet)

Model*	Width	Length
HU66__	6.0'	6.0'
HU68__	6.0'	8.0'
HU6.56__	6.5'	6.0'
HU6.58__	6.5'	8.0'
HU76__	7.0'	6.0'
HU78__	7.0'	8.0'

*Models available in rated capacities of 30,000, 35,000 and 45,000 lb

Specifications

Ultima Hydraulic Dock Leveler(s) to be Pentalift model HU_____ as manufactured by Pentalift Equipment Corporation. Nominal deck size of _____' wide x _____' long and a rated capacity of _____ lb. The nominal lip length will be 16". Dock Leveler(s) to be fully hydraulic with a wall-mounted, push-button control station. The power unit is to be a 1.5 hp, self-contained, TENV unit installed on the dock leveler frame. The power supply is to be ___/___/___ . All hydraulic functions are to be controlled by the Pentalogic Hydraulic Manifold. The lip is to be self-retracting. The lip hinge is to be a full width, piano style with a full width hinge pin. The lip hinge is to be welded to a high tensile headboard. The rear hinge design is to be a full width, fixed style. **The deck support is provided by 6" structural "I" Beams.** The deck design shall provide 4" of lateral deck compensation for canted truck/trailer beds. Dock Leveler(s) to 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) to have Pentalift gray finish.

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

- pour-in-place 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
- second deck cylinder for 30,000 and 35,000 lb levelers

Refer to Product Bulletin D020 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 products are subject to design improvement through modifications without notice.

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