

MODEL SHF HYDRAULIC DOCK LEVELER WITH PATENTED ADJUSTABLE LIP TECHNOLOGY

• FLEX-LIP®



FEATURE SUMMARY

- Patented Automatic Adjusting Lip Maintains Horizontal Position on Truck Bed at All Loading Heights
- Patented Self-Cleaning Lip Lug & Header Plate Design Ensures Maximum Strength
- Heavy-Duty Hydraulic Cylinder With Non-Adjustable Velocity Fuse
- Smooth Transition Continuous Fixed Rear Hinge With No Pinch, Trip or Impact Point
- Integral Lip & Deck Maintenance Supports
- Auto-Descent Lip™ Extension
- Additional Center Deck Support
- Full Width Zinc Plated Front & Rear Hinge Rods
- Dual Side 33% Deck to Beam Weld Pattern
- Six Solid Steel Rear Frame Supports
- Full Range Telescoping Side Guards
- Self-Contained Motor Pump Assembly
- Single Push Button Activation
- 16" Lip, (18" & 20" Available)

DESCRIPTION

The FLEX-LIP® Series hydraulic powered dock leveler is designed to provide substantial lifetime cost of ownership savings by reducing equipment maintenance, damage to goods and injury to personnel resulting in increased safety and productivity. The patented lip activation maintains the lip horizontally on the trailer bed in all positions providing the smoothest transition available from truck bed to dock floor. The single lift cylinder design reduces parts while providing the most reliable and convenient activation. The patented self-cleaning lip lug and header plate design provides the strongest front hinge and deck support and does not allow debris to collect in this critical area. Available in capacity ratings from 25,000 to 50,000 pounds in increments of 5,000 pounds, and standard nominal platform sizes of 6, 6.5 & 7 feet wide x 6, 8 & 10 feet long. Standard features include full operating range telescoping side guards, night security locks, integral lip and deck maintenance supports, safety black & yellow side skirt labels, and two heavy-duty dock bumpers.



OPERATION

The operator presses the control button until the deck is fully raised. Releasing the button activates the *Auto-Descent Lip™* system that extends the lip as the deck lowers placing it smoothly onto the truck bed. The leveler will float up and down and side to side with the truck during loading and maintain a horizontal lip on the bed of the truck at all times. To store the dock leveler, the operator presses the control button activating the lift system allowing the lip to automatically retract to a pendant position, releasing the button deactivates the power and the leveler lowers to a fully supported position level with the building floor. The standard 16" lip will extend out 11" beyond a 4" bumper and engage a truck 12" above and below building floor level. Note: Longer lip option reduces above dock service range.

CONSTRUCTION

Unitized platform structure with dual side 33% *beam to deck weld pattern* and continuous welds at the beam to header plate and lugs for maximum strength. The deck plate, lip plate and beams are constructed from high-tensile steel and safety tread top running surface. The deck support structure includes dual flange style beams, *center deck support* and welded side guards for superior strength. The frame has four upright, two forward supports and a fixed *continuous smooth transition rear hinge* to eliminate pinch, trip or impact point. A security lock system prevents illegal building entry when the overhead door is closed. Full width *zinc coated* front & rear hinge rods are constructed from SAE 1045 superior shaft and factory coated with anti-seize lubricant. The motor is a totally enclosed non-ventilated type available in all voltages. The control box is a NEMA 4 weather tight enclosure with motor starter, overload protection and single shielded push button.

WARRANTY

Nordock guarantees that the SHF Model of hydraulic powered dock levelers will perform as described and to the full satisfaction of the purchaser for one-year from date of receipt or Nordock will repair, replace or remove the product and refund the purchase price. In addition, the front and rear hinge assemblies are guaranteed, under specified guidelines, for a period of *Twenty-Years*, and the deck, lip and frame for *Ten-Years*.

OPTIONS

Self Forming Pour in Pan
Brush Weather Seals
18" or 20" Long Lip
Emergency Stop Control
Auto Return to Dock Level
Safety Yellow Painted Toe Guards
Foam Insulated Deck
Spray Zinc Deck, Lip & Frame

ACCESSORIES

TRUCK-LOCK® Vehicle Restraint Systems
WEARTOUGH® Dock Seals & Shelters
FALL-STOP™ Safety Barrier Gates
Loading Dock Lights
Steel Spring & Steel Face Dock Bumpers
Logi-Smart™ Integrated Control Systems
Dock Lights & Guide Lights

MODELS & NOMINAL DIMENSIONS

Model*	Width	Length
SHF-66	6'0"	6'0"
SHF-68	6'0"	8'0"
SHF-610	6'0"	10'0"
SHF-6.58	6'6"	8'0"
SHF-6.510	6'6"	10'0"
SHF-76	7'0"	6'0"
SHF-78	7'0"	8'0"
SHF-710	7'0"	10'0"

* Add capacity required. Example: SHF-68-35

* Nordock Inc. reserves the right to make changes to specifications without notice or obligation.

NORDOCK® INC.

*FLEX-LIP® dock levelers are covered by U.S. Patents 7,603,733; D579,754; 8,132,280 and pending U.S. and International applications.

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