

MODEL NR HYDRAULIC RAIL DOCK LEVELER



FEATURE SUMMARY

- Heavy-Duty Hydraulics with Full Function Deck, Lip & Side Shift Control Functions
- Patented Self-Cleaning Lip Lug & Header Plate Design Ensures Maximum Strength
- Smooth Transition Continuous Fixed Rear Hinge With No Pinch, Trip or Impact Point
- Full Width Zinc Plated Front & Rear Hinge Rods
- Dual Side 33% Deck to Beam Weld Pattern
- Available Capacities From 30,000 to 80,000 Pounds
- Run Off Side Guards & End Load Arms
- 7' to 10' Wide Standard Available Widths
- Self-Contained 1.5 HP Power Unit
- 18" Standard Lip Length
- NEMA 12 Dust Tight Control Panel
- Spring Assist Maintains Lip In Upright Storage Position
- Mechanical Safety Latch Locks Deck in Stored Vertical Position



DESCRIPTION

The BOXCAR™ Series of hydraulic powered rail dock levelers are equipped with all the standard performance features needed for safe and efficient loading and unloading of rail cars. The deck, lip and side shift have easy to use constant pressure controls for a safe ergonomic operation. Each unit is custom built to suit the rail position, door width and capacity required. Available in standard capacity ratings from 30,000 to 80,000 pounds and standard widths from 7 feet to 10 feet with lengths to suit the site conditions. The integral mounted power unit and fully plumbed and tested hydraulics. A heavy-duty angle with track is provided for casting into the building floor. Standard features include an 18" long lip, dust tight control panel with infinite controlled lip, deck and side shift, emergency stop button, 4" high side run off guard integral lip and deck maintenance supports, store up safety latch, safety black & yellow labels on run off guards.

OPERATION

The operator presses the side shift control button to position as desired to the rail car door. The unit is powered off of the safety latch and then released. A signal light will indicate that the lock is released and the deck can then be lowered with constant pressure control. The lip can be retracted or extended at any time to allow end loading with support arms extended. The leveler will float up and down with the rail car during loading to maintain lip contact at all times. To store the dock leveler, the operator presses the control button activating the lift system that raises the deck until is fully raised allowing the safety latch to automatically engage.

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, ramp and beams are constructed from high-tensile steel and safety tread top running surface. The deck support structure includes either rolled formed or structural channel or I beams depending on capacity, a fixed continuous smooth transition rear hinge eliminates any pinch, trip or impact point. Full width zinc plated front & rear hinge rods are constructed from SAE 1045 superior shaft and factory coated with anti-seize lubricant. Heavy-duty hydraulic cylinders are constructed with hard polished chrome rods, high tensile tubing, high-pressure low-friction seals, and oil immersed guide bearings. The UL approved control panel has a dust tight NEMA 12 metal enclosure with hinged cover, shielded push-button controls, reduced voltage fused controls. Power unit is oil filled and tested with a totally enclosed non-ventilated 1.5 horsepower 3 phase motor. All hoses are high-pressure SAE 100R2 with permanent fittings attached.

WARRANTY

Nordock guarantees that the BOXCAR Series hydraulic 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 structural components are guaranteed, under specified guidelines, for a period of **Ten-Years**.

OPTIONS

20" Long Lip
 Additional Side Shift
 Remote Wall Mounted Power Unit
 Telescoping Lip Model NRTL

ACCESSORIES

Galvanized Steel Canopies
 WEARTOUGH™ Inflatable Shelters
 Loading Dock Lights

Note: Rail dock levelers are custom built based on position of track, building floor height, door width, capacity, and other site and application requirements. A full survey of existing and future conditions and requirements must be completed for all installations. Applicable railroad codes must be adhered to regarding clearances.

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

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* Nordock products are covered by various U.S. and foreign patents or pending applications.

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