

## MODEL SRD SLIDING LIP HYDRAULIC RAIL DOCK LEVELER



### BOXCAR™ FEATURES & BENEFITS

- Heavy-Duty Hydraulics with Full Function Deck & Infinite Sliding Lip Controls
- Safer Horizontal Pit Mounted Design
- Available Capacities from 40,000 to 80,000 lbs.
- 24" Standard Lip Extension
- Smooth Transition Continuous Fixed Rear Hinge with No Pinch, Trip or Impact Point
- Standard 8' Wide x 10' Long (Lip Extended)
- Self-Contained 1.5 HP Power Unit
- NEMA 12 Dust Tight Control Panel
- Convenient End Load Function with no Extension Arms Required
- Momentary Automatic Leveler Store Control
- Full Width Zinc Plated Rear Hinge Rod
- Dual Side 33% Deck to Beam Weld Pattern
- Run Off Side Guards on Deck Portion
- Full Operating Range Side Guards

# SPECIFICATIONS

## DESCRIPTION

The BOXCAR™ Series of sliding lip 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 and lip have easy to use constant pressure controls for a safe ergonomic operation. Available in standard capacity ratings of 40,000, 60,000 & 80,000 and standard 8' width and 10 foot length.

The integral mounted power unit is oil filled with fully plumbed and tested hydraulics. Unit is shimmed and welded into a standard pit in the building floor.

Standard features include a 24" long telescoping infinitely controlled lip, dust tight steel control panel with hinged cover. Controls include deck raise, lip extend, lip retract, and emergency stop.

Other standard features include 4" high side run off guard, integral maintenance support, side toe guards, and safety black & yellow labels on run off guards.

## OPERATION

The operator presses the raise button until the deck is a sufficient height to then extend the lip fully.

If an end load is required, the operator extends the lip as far as possible into the rail car without interfering with the load to be added or removed.

When the end load function is completed it is recommended that the lip be fully extended after raising the deck slightly.

The leveler will float with the rail car during loading to maintain lip contact at all times.

After loading or off loading is complete the operator presses and releases the store button and the leveler will automatically raise, retract lip and lower to its stored position.

## 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 rear hinge rod is 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 and reduced voltage fused secondary.

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.



**[www.nordockinc.com](http://www.nordockinc.com) - [sales-nordock@iwsolutions.com](mailto:sales-nordock@iwsolutions.com) - Toll Free: 1-866-885-4276**

NORDOCK® Inc. reserves the right to make changes to specifications without notice or obligation. NORDOCK® products are covered by numerous U.S. and foreign patents and pending applications.

# SUBMITTAL

## PROJECT INFORMATION

Job Name: \_\_\_\_\_

Address: \_\_\_\_\_

General Contractor: \_\_\_\_\_

Distributor: \_\_\_\_\_

Model: \_\_\_\_\_

Quantity: \_\_\_\_\_

Capacity: ☐40K ☐60K ☐80K

Integrated Control: ☐Yes ☐No

Voltage: ☐Single Phase ☐Three Phase ☐120V ☐208V

☐240V ☐480V ☐600V ☐Other: \_\_\_\_\_

## CERTIFIED FOR CONSTRUCTION

Date: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

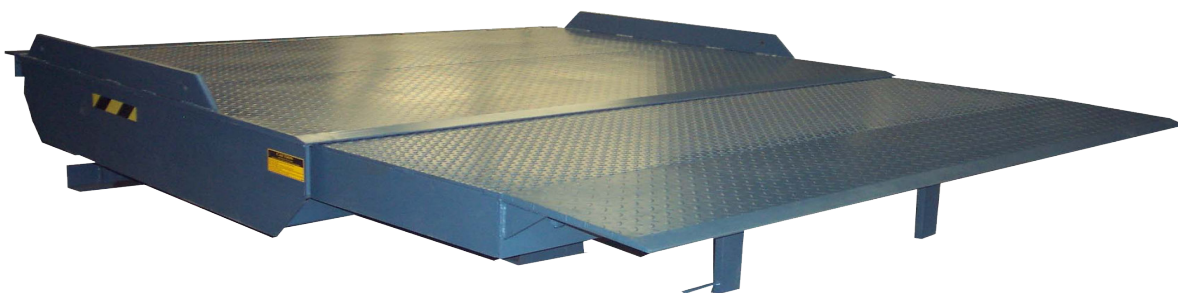
**Note:** Sliding lip rail dock levelers are positioned in accordance to the distance from the building to the track. Capacity and other site and application requirements are determined by a full survey of existing and future conditions and requirements and must be completed for all installations. Applicable railroad codes must be adhered to regarding clearances.

Contact a sales representative at **1-866-885-4276** or email **sales@nordockinc.com** for more information.

# OPTIONS & ACCESSORIES

## ADDITIONAL OPTIONS & ACCESSORIES

- Remote Wall Mounted
- Power Cast in Pit Seal
- Galvanized Steel Canopies



**SRD Rail Sliding Lip Dock Leveler in Loading Position**

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