

HD - RCR

Hydraulic Railcar Ramp

Structural durability

Single platform and lifting cylinder provide highest reliability and safety.

Infinite lip control

Allows operator to extend lip or stop platform and lip any time during leveler travel.

Efficient positioning

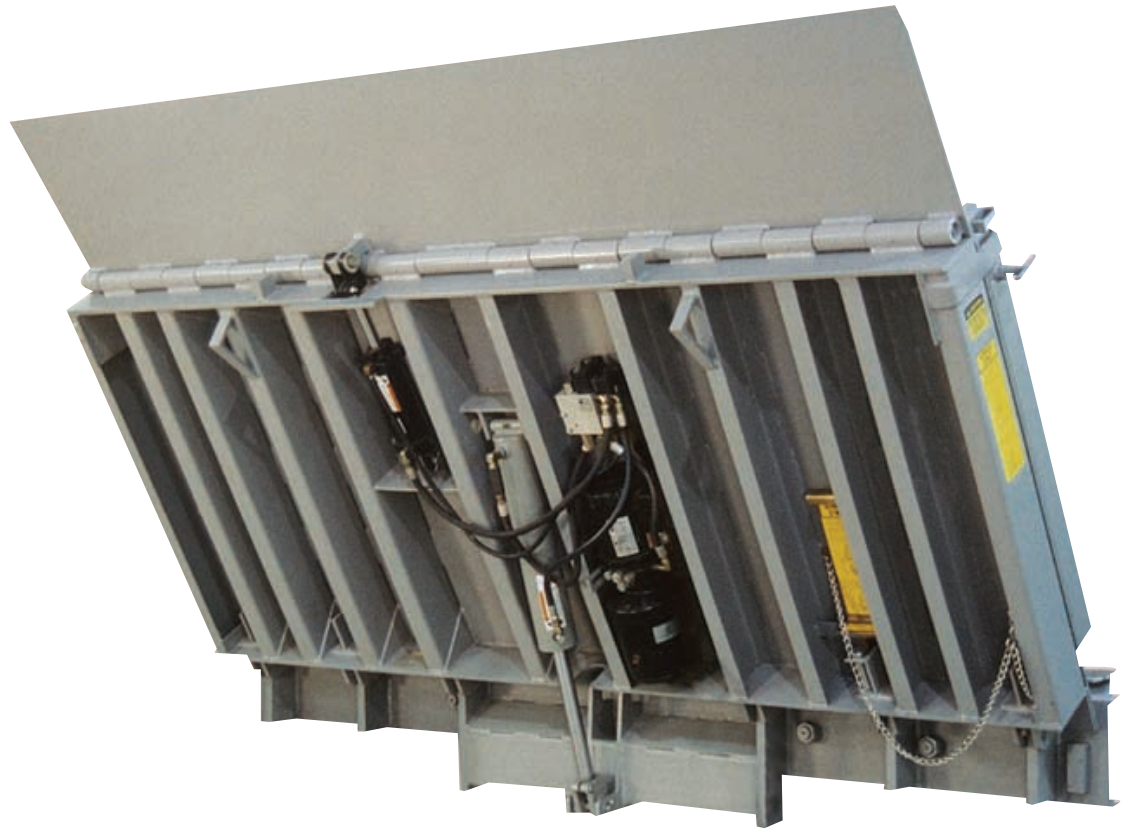
Permanently attached to a mounting rail so it can be quickly positioned at the door.

Forklift runoff protection

4" safety curbs are built into the platform.

Safe, efficient handling of door loads

Telescoping arms provide support for end loading.



Easy, efficient one-person operation.

- The touch of one button restores ramp to its vertical storage position.
- Constant pressure controls keeps operator in control at all times.
- Controls can interconnect ramps and inflatable dock shelters.

NOMINAL DIMENSIONS:

Railcar ramps are custom designed to meet specific application requirements. Length, width, capacity and other pertinent dimensions are determined during the on-site survey of each application.

CAPACITY:

To be determined by the Dock Leveler Investment Guide. Consult your RITE-HITE® Representative for details. Standard unit capacities: D, F and L.

10-YEAR MONEY BACK STRUCTURAL WARRANTY:

Rite-Hite shall provide a written, 10-year warranty, which includes the following components and parts: lip assembly, hinge pins, main lifting cylinder, hydraulic hoses and fittings, embbed frame, platform assembly, lip cylinder, hydraulic pump and motor. All parts not included will be covered by a one-year parts, one-year labor warranty.

OPERATION:

Fully hydraulic. The movement of the ramp and lip is totally controlled electrohydraulically from a push-button station. Pushing a button on the control box shall lower and/or raise the unit. Constant pressure is required for ramp retraction; ramp shall not lower by gravity alone. The lip can be extended/retracted at any time during the cycle from the push-button station; end loading and below-dock end loading position is obtained without recycling. Normal operating range is 6" above and 6" below dock.

SAFETY FEATURES:

Hydraulic system absorbs accidental impact to ramp in vertical position. A nonadjustable hydraulic velocity fuse locks the leveler in position in the event of hydraulic component malfunction. Removing pressure from the "raise" or "lower" button will immediately stop movement of the platform regardless of position. An integral maintenance strut is provided to support the leveler for added safety during maintenance. Four-inch (4") safety curbs are built into the railcar ramp platform to prevent forklift runoff.

STANDARD FEATURES:

Unique power up/power down electrohydraulic system.
Infinite lip control.
Integral maintenance strut.
Hinged lip. Lip hinge grease fittings are standard.
One 10-foot section of mounting rail with suitable concrete anchors or weld-on/bolt-on section.
Telescopic platform support arms/run-off guards for door loading.
Velocity fuse safety stop.
Remote-mounted control station with NEMA 12 control box.
Entire unit has one coat gray enamel paint.

HYDRAULICS:

Hydraulic railcar ramps are powered by an integral 1 1/2" GPM electrohydraulic power unit with submerged hydraulic pump and direct-connect reservoir. The system is controlled by two (2) solenoid valves.

ELECTRICAL:

Each ramp is equipped with one (1) horsepower, 110-120V / 208-240V, single phase, totally enclosed motor, hydraulic pump, and oil reservoir. The system is controlled by a NEMA 12 push-button station. The electrical system requires a 30 amp circuit. All electrical components, connections, wiring and control box are UL listed or recognized.

Please note: Unless specifically noted on quotation, all electrical, including hookup, is the responsibility of others.

OPTIONAL FEATURES:

- Hydraulic centering device
- Three phase
- Remote power unit
- 18" lip or 20" lip section

Ask your Rite-Hite Representative for more details on a Planned Maintenance Program.

RITE-HITE Dock Levelers, DUAL-DOK Lift/Leveler, ThinMan Truck Leveler/Vehicle Restraint, DOK-LOK and WHEEL-LOK vehicle restraints and SAFE-T-STRUT maintenance support system are covered by one or more of the following U.S. Patents: 4,110,860; 4,208,161; 4,257,137; 4,264,259; 4,267,748; 4,282,621; 4,286,410; 4,364,137; 4,373,847; 4,379,354; 4,443,150; 4,472,099; 4,531,248; 4,560,315; 4,570,277; 4,605,353; 4,634,334; 4,692,755; 4,744,121; 4,819,770; 4,843,373; 4,865,507; 4,920,598; 4,995,130; 5,040,258; 5,111,546; 5,212,846; 5,271,183; 5,297,921; 5,299,386; 5,311,628; 5,323,503; 5,375,965; 5,440,772; 5,442,825; 5,453,735; 5,531,557; 5,546,623; 5,664,930; 5,702,223. Other U.S. and foreign patents pending.

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