

# RRH Series Hydraulic Rail Car Ramp Leveler



**40K - 60K**  
CIR

**6' - 8'6"**  
WIDTH

**8'7" - 11'**  
CENTERLINE  
TRACK

## FEATURES

- Push-button activation
- Structural steel support members
- Power-up, power-down and lip controls
- Free float range
- Dual maintenance prop
- Rear embed channel with factory installed track
- 5" high run-off guards with telescoping arms for end-loads
- Transformer for single incoming power feed
- Roller trolley assembly for lateral movement
- Design and manufactured in the USA

\* RRH shown with optional hydraulic side shift cylinder

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Roller trolley assembly allows for lateral movement to accommodate the position of the rail car.

## HYDRAULICS & ELECTRICAL

The platform is raised by a main hydraulic cylinder; all hydraulic hoses are routed under the leveler platform. The hoist cylinder is a hard chrome-plated design with a 3 1/2" ID bore and anti-corrosive rod coating. The main cylinder is equipped with a flow control valve to meter descent of the ramp. Lip operation is controlled by a hard chrome plated cylinder having a 2 1/2" ID bore. The motor pump is carriage mounted or remote mounted for easy access.

The hydraulic pump motor is either 1 1/2 HP TENV at 120 volt or 208 volt, single phase or at 208 volt, 230 volt, 460 volt, or 575 volt three phase. All electrical components, connections and wiring are UL-listed or recognized.

## CONSTRUCTION

The platform is constructed of 1/4" thick 4-way high tensile 50,000 minimum yield A572 safety tread plate. Platforms are reinforced and supported by full-length structural C channels and wide-flanged I beams, with a standard lip length of 20". Front and rear header plates are 1/2" thick, hot rolled steel. Hinge tubes are 1-7/8" OD x 3/8" wall or 2-1/8" OD x 1/2" wall depending on the CIR. All lip hinge pins are 1" diameter M1044 steel.

McGuire levelers are finished with a slate blue color as the standard, though other options are available. This leveler has a maximum Comparative Industry Rating (CIR) of 60,000 lbs.

## OPERATION

The McGuire RRH Series Leveler is controlled remotely from a push-button control panel that includes raise, lower and lip control buttons. The lip control button allows independent extension and retraction of the leveler lip. Raise and lower controls utilize constant pressure for additional safety. The RRH can also be shifted from side to side as needed depending on the position of the rail car.

## SAFETY FEATURES

- 5" high yellow run-off guards on both sides to help prevent forklifts from driving over the edge
- Built-in dual maintenance struts
- Push-button controls function under constant pressure, giving the operator full control to stop and position
- Hoist-cylinder, flow-control valve meters the descent of the ramp



Standard yellow run-off guards to help prevent a forklift truck from driving off the edge.

## RRH SERIES

## COMMON OPTIONS

- 575 volt, 3 phase
- Additional track
- Custom interlocking
- Integrated control panel
- Power lateral movement (24" total travel)
- Remote pendant controls on coil cord

