

## HYDRAULIC RAIL CAR RAMP LEVELER



*\* RRH shown with optional hydraulic side shift cylinder*



- ▶ Push Button Activation
- ▶ Structural Steel Support Members
- ▶ Power-Up, Power-Down and Lip Controls
- ▶ Free Float Range
- ▶ Dual Maintenance Prop
- ▶ 5" High Run-off Guards with Telescoping Arms for End-Loads
- ▶ Rear Embed Channel with Factory Installed Track
- ▶ Transformer For Single Incoming Power Feed
- ▶ Roller Trolley Assembly for Lateral Movement
- ▶ Made in the USA



Constant pressure up, down and lip buttons provide continuous control to the operator.



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



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

## 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.

## 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 120v or 208v, single phase or at 208v, 230v, 460v, or 575v three phase. All electrical components, connections and wiring are UL-listed or recognized.

## CONSTRUCTION

The platform is constructed of 1/4" a 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.

RRH Series Common Options	
▶	Integrated Control Panel
▶	Interlock Capabilities
▶	Power Lateral Movement (24" Total Travel)
▶	Remote Pendant Controls on Coil Cord
▶	Additional Track
▶	575 Volt 3-Phase

Model - Nominal Size				
▶	RCR6.0	6'	RCR8.0	8'
▶	RCR6.5	6.5'	RCR8.5	8.5'
▶	RCR7.0	7'	RCR9.0	9'
▶	RCR7.5	7.5'		

Capacity Range 40,000 - 60,000 lbs.



A Division of Systems, LLC

W194 N11481 McCormick Drive • Germantown, WI 53022  
Phone: 1.800.624.8473 • Email: sales@wbmcguire.com

[www.wbmcguire.com](http://www.wbmcguire.com)

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