

MCGUIRE

A Division of Systems, Inc.

RRH-SERIES

RAIL RAMP HYDRAULIC LEVELER



RRH Series, Model RRH 8'6", 50,000 CIR, with remote moter shown

- ▶ Easy push button operation for smooth, consistent operation with a hydraulic system that provides for full float at all positions
- ▶ Power-up and power-down control panel with constant pressure push buttons for safety
- ▶ Dual maintenance struts included for added safety
- ▶ Structural "C" & "I" Beam Deck Supports
- ▶ Rear embed channel included with each RRH has factory installed hinges for ease of installation
- ▶ Transformer for single incoming power feed

GENERAL DESCRIPTION: All McGuire RRH Series dock levelers incorporate the use of hydraulics to raise and lower both the platform and lip. A single push button activates a hydraulic pump for operating both lip and hoist cylinders. McGuire RRH Series Hydraulic Railcar Ramps store vertically on the exterior dock edge of the building. A "Track and Trolley" 10' wide rear channel assembly permits the lateral movement of the ramp to align with a spotted railcar. Systems, Inc. is an active member of Loading Dock Equipment Manufacturers (LODEM), a product section of the Material Handling Industry. Unit conforms to OSHA, U.S. Department of Commerce Standard CS-202-56 and is manufactured in compliance with the American National Standard of Safety Performance and Testing of Dock Leveling Devices (ANSI) MH 30.1. Unit is manufactured by McGuire.

OPERATION: The RRH Series Lever is controlled remotely from a multiple push button control panel that includes raise, lower and lip control buttons. Lip control button allows independent extension and retraction of the lip. Power-up and power-down requires constant pressure on controls or unit stops in place for added safety. Leveler has free float in the working range for additional safety. The RRH has a standard service range of above dock and below dock. Standard 5" high run-off guards with telescoping supports for end-loading are included on all platforms Dual maintenance struts are standard. Factory finish includes rust inhibitive prime coat industrial grade finish. Special coating and colors are optional.

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 sized properly for 40,000, 50,000 and 60,000-lbs Comparative Industry Rating (CIR) units --welded to deck and front and rear headers for firm structural support. Front and rear header plates are 1/2" thick, hot rolled steel. RRH series lips are 4-way safety tread plate. The 40,000 CIR is 5/8" thick, the 50,000 and 60,000 CIR are 3/4" thick. The standard lip length is 16" with 18" and 20" available. Hinge tubes are 1 7/8" OD x 3/8" wall or 2 1/8" OD x 1/2" wall depending on CIR. All lip hinge pins are 1" diameter M1044 steel. All units have grease fittings as

standard. NOTE - 20" lip is recommended on all RRH levelers.

HYDRAULICS: Platform is raised by a main hydraulic cylinder; all hydraulic hoses are routed under the leveler platform. Hoist cylinder is a hard chrome-plated design with a 3 1/2" ID bore and anti-corrosive rod coating. 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. Motor pump is carriage mounted or remote mounted for easy access.

SAFETY EQUIPMENT: 5" hinge run off guards with telescoping arms for end loads are included on either side of platform. Built in dual maintenance struts are standard. Raise and lower push buttons are constant pressure type and unit halts in place if released. A hoist cylinder flow control valve meters the descent of the ramp.

COLORS: Levelers painted slate blue. Other colors available. Consult factory.

ELECTRICAL: Hydraulic pump motor either 1 1/2 HP TENV at 120v or 208v, single phase or at 208v, 230v, 460v, or 575v three phase. Electrical control panel is Nema 12 enclosure. All electrical components, connections and wiring are UL listed or recognized. Please Note: Unless specifically noted on quotation, all electrical requirements are the responsibility of others.

WARRANTY: All McGuire RRH Series models feature a full one (1) year base warranty on all structural, hydraulic and electrical parts, including freight and labor charges in accordance with McGuire's Standard Warranty Policy. McGuire warrants all components to be free of defects in materials and workmanship, under normal use, during the warranty period. This base warranty period begins upon the completion of installation or the sixtieth (60th) day after shipment, whichever is earlier.

DOCK LEVELER SERIES



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RAIL RAMP HYDRAULIC LEVELER

Optional Equipment for Rail Ramp Hydraulic Leveler

Check Options Desired

- 18" Lip
- 20" Lip
- Integrated Controls
- Weather Proof Pendent Controls on Coil Cord
- Leveler Stored Indicator Light
- Carriage Mounted Motor
- Remote Mounted Motor
- Additional track length _____
- Inflatable shelter selector controls (on/off)
- Inflatable shelter selector controls (on/auto/on)
- Hydraulic side shifting cylinder (up to 24")
- Dock Light (no bulb)Model# _____
- Other _____
- Other _____
- Other _____

Dimensions and Capacities

Select a Model and a Capacity

MODEL - NOMINAL WIDTH

CAPACITY-COMPARATIVE INDUSTRY RATING (CIR)

- | | | |
|---|---|--|
| <input type="checkbox"/> RRH 6.0 6' 0" | <input type="checkbox"/> RRH 8.0 8' 0" | <input type="checkbox"/> 40,000 LBS. CIR |
| <input type="checkbox"/> RRH 6.6 6' 6" | <input type="checkbox"/> RRH 8.6 8' 6" | <input type="checkbox"/> 50,000 LBS. CIR |
| <input type="checkbox"/> RRH 7.0 7' 0" | <input type="checkbox"/> RRH 9.0 9' 0" | <input type="checkbox"/> 60,000 LBS. CIR |
| <input type="checkbox"/> RRH 7.6 7' 6" | | |

Customer: _____

Job: _____

Location: _____

Number of Units: _____

Model: _____

Voltage/Phase: _____

Track Center Line Dimension: _____

Represented By: _____

Sales Rep: _____

Certified for Construction:

By: _____

Title: _____

Date: _____

Company: _____

City: _____

State: _____

Drawing #: _____

SS RRH 11/08

Consistent with our policy of continuing product improvement, we reserve the right to change product specifications without notice or obligation.

McGuire • Division of Systems, Inc. • W194 N11481 McCormick Dr. • P.O. Box 309 • Germantown, WI 53022
Phone: 800.624.8473 • Fax: 262.255.4199 • www.DockSystemsInc.com

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