

# MEDLF Series Mechanical Edge of Dock Leveler

## Specification Sheet & Submittal



**20K - 35K**  
CIR

**66" - 84"**  
WIDTH

### Standard Features

Bridges the gap between building and truck where a minimal variance exists between dock and truck with a recommended working range of +/-3" and a maximum operating range of +/- 5" above and below dock level

"Lift Free" levelers make operation of the leveler smooth and easy

Placement of the lifting bar keeps dock attendant in safest position to operate leveler

Operation is a simple two step process. Just pull back on the handle to lift and push forward to extend unit into the trailer

Automatic return to stored position once the trailer departs the dock under unit

Eliminates extreme bending, pushing, and lifting associated with old style edge of dock levelers

Designed and manufactured in the USA

### General Description

All McGuire MEDLF Series Edge of Dock Levelers incorporate the use of mechanical components to raise and lower both the platform and lip. The MEDLF Series Edge of Dock Leveler mounts to the exterior dock face providing a simple and economical alternative to "portable plates" or "pit style" levelers. The product is ideal for the motor freight industry or those companies with standard trailer bed heights. Systems, LLC is an active member of Loading Dock Equipment Manufacturers (LODEM), a product section of the Material Handling Industry. Unit conforms to OSHA, and is manufactured in compliance with the American National Standard of Safety Performance and Testing of Dock Leveling Devices (ANSI) MH 30.1. Unit manufactured by Systems, LLC.

### Construction

The platform and lip are constructed of 4-way high tensile 55,000 lb minimum yield A572 safety tread plate. The tread plate on the 20,000 and 25,000 lbs DIR units is 3/8" thick, the 30,000 lb CIR unit is 7/16" thick and the 35,000 lb CIR unit is 1/2" thick. The standard lip length is 15" on all MEDLF Series edge of dock levelers. Hinge tubes are 1 1/4" OD for 20,000, 25,000 and 30,000 lbs CIR and 1 1/2" OD for 35,000 lbs CIR units. Lip hinge pins are 11/16" solid shaft cold finish M1044 steel for 20,000, 25,000 and 30,000 lbs units and 1" FOR 35,000 lb CIR units. Each edge of dock leveler comes standard with 1/2" full width load distribution bar, connection the hinge and lip sections. Deck is supported in the stored position by a minimum of four (4) steel gussets attached to the base plate.

### Operation

Each MEDLF provides a recommended working range of +/-3" and a maximum operating range of +/-5" above and below dock level. The platform is raised when the dock attendant inserts operating handle into the operating slot and pulls back until the handle reaches activation position to engage cycle. The operating handle is then pushed forward until the lip extends and rests on the truck bed. The attendant removes operating handle and stores it for convenient future reuse. After loading or unloading is complete, the MEDLF will automatically return to the stored position when truck pulls away. Alternatively, the attendant can insert the operating handle into the operating slot and pull leveler back until tip of the lip just clears the back end of the truck bed, then push leveler forward and the MEDLF will then go the stored position.

## Installation

For new construction a flush or recessed 8" to 12" anchoring channel is strongly recommended. Unit is welded and anchored to embed plate and foundation wall. For existing docks without preferred embed channel optional ramp approach plates or formed angles are available to maximize the strength of the installation.

## Colors

Levelers painted slate blue. Other colors are available. Consult factory.

## Dock Bumpers

Two heavy duty molded 4" thick x 12" high x 13" wide molded rubber bumpers as standard mounted to bumper block assemblies to help protect the deck plate and building from approaching trailers. Bumper block assemblies are constructed of formed steel and incorporate a full height internal gusset for extra support. Top is safety tread plate. Optional sizes and types are available.

## Vehicle Restraint Systems

W.B. McGuire MEDLF Series mechanical edge of dock levelers can be equipped with UXL, STOP-TITE®, TPR®, TPR® UniLock or HOLD-TITE® series vehicle restraint or a Light Communication System to help prevent unexpected trailer departure from the loading dock and minimize trailer creep during the loading/unloading process and to enhance communication at the dock area. The restraints would be supplied in conjunction with the proper cantilever bracket to maintain proper relationship with the trailer.

## Warranty

All McGuire MEDLF Series mechanical edge of docks feature a full one (1) year base warranty on all structural and mechanical 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.

## Order Specifications

### Dimensions and Capacities

Select a Model and a Capacity

MODEL NOMINAL SIZE	CIR (Comparative Industry Rating)
<input type="checkbox"/> MEDLF 66"	<input type="checkbox"/> 20,000 CIR
<input type="checkbox"/> MEDLF 72"	<input type="checkbox"/> 25,000 CIR
<input type="checkbox"/> MEDLF 78"	<input type="checkbox"/> 30,000 CIR
<input type="checkbox"/> MEDLF 84"	<input type="checkbox"/> 35,000 CIR

Check Options Desired

### Optional Equipment

- 17" Lip for Refrigerated Trailers
- U.S. Post Office Model with 3" Run Off Guards
- Tapered Lip (Tapered at Sides)
- Abrasive Deck Surface
- Solid Bar Handle for NeverLift
- Low Profile Design (Flat Center Plate) Pallet Jack Applications
- Stainless Steel Hinge Pins
- Cold Spray Metallized
- Recessed EOD with Laminated Bumpers (1 Pair) (in lieu of standard)
- Extra Heavy Duty Sliding Bump Block Series Wall Mounting Bracket (1 Pair) (in lieu of standard)
- Steel Face Bumpers (1 Pair) (in lieu of standard)
- No Bumpers/Bumper Blocks (1 Pair)
- Special Paint

## Required Information

CUSTOMER	
JOB	
LOCATION	
NUMBER OF UNITS	
MODEL	
VOLTAGE/PHASE	
REPRESENTED BY	
SALES REP	

## Certified for Construction

BY	
TITLE	
DATE	
COMPANY	
CITY & STATE	