

# DL Series Mechanical Edge-of-Dock Leveler

## Specification Sheet & Submittal



20K - 35K  
CIR

66" - 84"  
WIDTH

### Standard Features

Dual-extension spring lift mechanism	Full width distribution bar for extra durability
DL series lifting hook	Secondary gussets for added strength and extended life
Cold, rolled-steel hinge pins for added strength and long life	Heavy-duty bumper block assemblies with Tuf-Cord rubber bumpers 4"x 12"x 13"
Milled lip edge for smooth tire rollover	Bumper projection 15"
Grease fittings throughout	Designed and manufactured in the USA
High-strength steel safety treadplate	

### General Description

DLM invented the industries first "edge-of-dock" leveler over 40 years ago, setting the pace for the industry. The DLM "DL" series Edge-of-Dock Leveler mounts to the exterior dock face providing a simple and economical

alternative to "portable plates" or "pit style" levelers. Edge-of-Dock Levelers are ideal for the motor freight industry or those companies with standardized 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.

### Standard Operation Features

Each DL Series model provides a recommended working range of  $\pm 3"$  and a maximum operating range of  $\pm 5"$  above or below dock level. To operate the unit, the dock attendant simply positions the DL Lifting Hook into the lip recess and pulls up. By pushing the lifting hook forward as the leveler descends onto the truck bed allows the release and separation of the lifting hook. Standard finish includes rust inhibitive prime coat industrial grade finish. Color of ramp is gray and bumpers are orange. Special coatings and colors are optional.

## Construction

The DLM DL Series Edge-of dock leveler permanently mounts to the dock face. The platform and lip are constructed of 4-way high tensile 55,000 psi minimum yield (A572) steel safety treadplate. The tread plate on the 20,000 and 25,000 lbs comparative Industry Rated (CIR) unit is 3/8" thick, and the 30,000 lbs (CIR) is 7/16". The standard lip length is 15" on all DL Series Edge-of-Dock Levelers. Hinge tubes are 1 1/4" OD with 1/4" wall thickness. Lip hinge pins is 11/16" solid shaft cold finish M1044 steel. Each leveler comes standard with a 1/2" full width load distribution bar, connecting the hinge and lip section. Deck is supported in the stored position by a minimum of four (4) steel gussets attached to the base plate.

## Bumper Assemblies

Each DL Series Leveler is shipped with two (2) bumper block assemblies to help protect the deck plate and building from the approaching truck. Bumper block assemblies are extra-heavy duty 4"x12"x13" constructed of formed steel and incorporate a full height internal gusset for extra support. All DLM bumper blocks feature 4" thick Tuf-Cord rubber bumper.

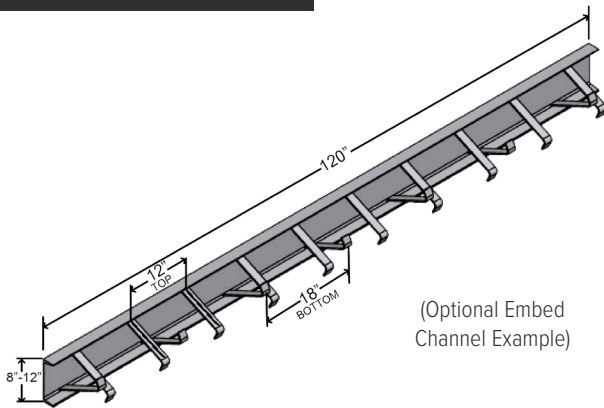
## Installation

For new construction, a flush or recessed 8" - 12" anchoring channel (shown) is strongly recommended. Unit is then 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 installation.

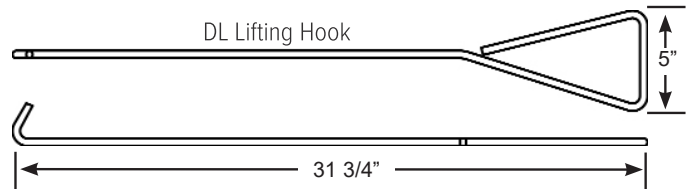
## Warranty

All DLM DL Series models feature a full one (1) year base warranty on all structural and mechanical parts, including freight and labor charges in accordance with Systems, LLC Standard Warranty Policy. Systems LLC 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 the installation or the sixtieth (60th) day after shipment, whichever is earlier.

## Order Specifications



DL Lifting Hook



Check Options Desired

### Optional Equipment

- ☐ 17" Lip
- ☐ Tapered Lip (4" < ramp width)
- ☐ US Post Office Model with 3" Run Off Guards
- ☐ Torsion Spring (in lieu of extension springs)
- ☐ Shallow Pit Design (12" Depth - Torsion Spring)
- ☐ Recessed Design with 4" Thick Laminated Bumpers
- ☐ Sliding Bumper Blocks
- ☐ Other Bumpers \_\_\_\_\_
- ☐ Low Clearance Design (Flat Center Plate) Pallet Jack Applications
- ☐ Four-Sided Box Construction
- ☐ Embed Channel Size \_\_\_\_\_
- ☐ Approach Size \_\_\_\_\_
- ☐ Foamed Angle Size \_\_\_\_\_
- ☐ Light Communication System
  - ☐ Dock Alert (NEMA12)
  - ☐ iDock 1.0 Alert
  - ☐ iDock 2.0 Alert
- ☐ Wheel Chocks Model # \_\_\_\_\_
- ☐ Dock Light (no bulb) Model # \_\_\_\_\_
- ☐ Other \_\_\_\_\_

## Dimensions and Capacities

Select a Model and a Capacity

MODEL	DECK WIDTH	TOTAL UNIT WIDTH	CIR (Comparative Industry Rating)
<input type="checkbox"/> DL-66	66"	104"	20,000 CIR
<input type="checkbox"/> DL-72	72"	110"	25,000 CIR
<input type="checkbox"/> DL-78	78"	116"	30,000 CIR (NA for DL-78)

## Required Information

CUSTOMER	
JOB	
LOCATION	
NUMBER OF UNITS	
MODEL	
SIZE	
REPRESENTED BY	
SALES REP	

## Certified for Construction

BY	
DATE	
COMPANY	
CITY & STATE	
VOLTAGE / PHASE	
DRAWING #	