

NL 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
Heavy-duty, self-storing steel lever	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 "NeverLift" 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 NeverLift® model provides a recommended working range of +/-3" and a maximum operating range of +/-5" above or below dock level. The advantage of the NeverLift Edge-of-Dock leveler is the ergonomically friendly positioning of the unit on to the truck bed. Gone is the heavy lifting generally associated with "hook style" EOD's. The operator simply positions the lever into the operating slot and pulls the lever to a position that is approximately 50 degrees from the dock face. This action lifts the deck and lip. The operator returns the lever to its original vertical position, which extends the lip and lowers the unit to rest in the trailer. Absolutely no required back bending, no lifting and no difficult pushing towards or leaning over the dock edge. 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.

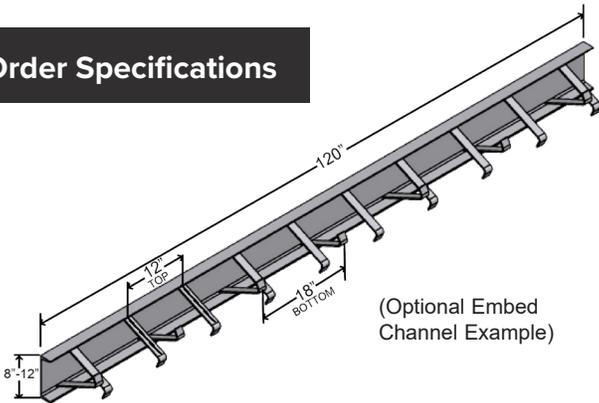
Construction

The DLM NL 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, the 30,000 lbs (CIR) is 7/16" and the 35,000 lbs (CIR) is 1/2" thick. The standard lip length is 15" on all NL Series Edge-of-Dock Levelers. Hinge tubes are 1 1/4" OD with 1/4" wall thickness for 20,000 25,000 & 30,000 lbs (CIR) and 1 1/2" OD for 35,000 lbs (CIR). Lip hinge pins are 11/16" solid shaft cold finish M1044 steel for 20,000, 25,000 & 30,000 lbs and 1" for 35,000 lbs (CIR). 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 Block Assemblies

Each NL 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.

Order Specifications



(Optional Embed Channel Example)

Dimensions and Capacities

Select a Model and a Capacity

MODEL	DECK WIDTH	TOTAL UNIT WIDTH	DYNAMIC CAPACITY / CIR (Comparative Industry Rating)
<input type="checkbox"/> NL-66	66"	104"	20,000 CIR
<input type="checkbox"/> NL-72	72"	110"	25,000 CIR
<input type="checkbox"/> NL-78	78"	116"	30,000 CIR
<input type="checkbox"/> NL-84	84"	122"	35,000 CIR (NA for NL-84)

Required Information

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

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 NeverLift® Edge-of-Dock models feature a full one (1) year base warranty on all structural and mechanical parts, including freight and labor charges in accordance with Systems, Inc's Standard Warranty Policy. Systems Inc. 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.

Standard NeverLift Handles				NeverLift Handles	
35,000 CIR	60" Pipe Handle		← 42 1/2" →		
30,000 CIR			← 60" →		
25,000 CIR	43" Pipe Handle				
20,000 CIR					
	NL-66	NL-72	NL-78	NL-84	

Check Options Desired

Optional Equipment

- | | |
|--|---|
| <input type="checkbox"/> 17" Lip | <input type="checkbox"/> Approach Size |
| <input type="checkbox"/> Tapered Lip (4"< ramp width) | <input type="checkbox"/> Foamed Angle Size |
| <input type="checkbox"/> US Post Office Model with 3" Run Off Guards | <input type="checkbox"/> iDock™ Alert Communication System |
| <input type="checkbox"/> Recessed Design with 4" Thick Laminated Bumpers | <input type="checkbox"/> Wheel Chocks Model # _____ |
| <input type="checkbox"/> Sliding Bumper Blocks | <input type="checkbox"/> Dock Light (no bulb) Model # _____ |
| <input type="checkbox"/> Other Bumpers _____ | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Low Clearance Design (Flat Center Plate) Pallet Jack Applications | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Four Sided Box Construction | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Embed Channel Size | <input type="checkbox"/> Other _____ |

Certified for Construction

BY	
DATE	
COMPANY	
CITY & STATE	
VOLTAGE / PHASE	
DRAWING #	