

# LMD Series Mechanical Leveler

## Specification Sheet & Submittal



**25K - 40K**  
CIR

**6' - 7'**  
WIDTH

**6' - 8'**  
LENGTH

### Standard Features

|                                                      |                                      |
|------------------------------------------------------|--------------------------------------|
| Four-sided, box construction - deck assembly         | Lip Drive™ Positive Lip Extension    |
| Multi-position, structural steel safety legs         | Lockout/tagout maintenance strut     |
| Below dock endloading control                        | Night locks/cross traffic support    |
| Extended range, heavy-duty float/hold-down mechanism | Lip supporting service strut         |
| Yieldable lip plate                                  | Working-range toe guards             |
| Cam Control™ Counter Balance Assembly                | Two (2) B410-14 laminated bumpers    |
| 11-tooth hold-down/float assembly                    | Designed and manufactured in the USA |
| CleanSweep frame™                                    |                                      |

### General Description

All DLM Docks LMD Series dock levelers incorporate the use of mechanical components to raise and lower both the platform and lip. 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

The LMD Series Leveler is shipped completely assembled and ready for use, once permanently installed in pre-formed pits. Leveler to be operated by pulling and holding ring at rear of ramp; unit will raise and lip will extend and hold. No manual lifting is required. Unit is powered by extension springs and guided by CamControl™ counter balance assembly. Operator to walk ramp down to truck bed. Hold-down and Float mechanism will hold ramp in place and will float with trailer movement. To store leveler while truck is in place, feather the release chain until lip folds and is clear of truck, then walk ramp down into lip keepers. Service range is from 12" above to 12" below dock level. Lip keepers are welded to frame and members providing nighttime security and cross-traffic support. Maintenance prop with "Lockout Tagout" capability is provided as standard. Factory finish includes rust inhibitive prime coat industrial grade finish. Special coating and colors are optional. Each LMD Series leveler is shipped with two (2) 4 ½" thick x 10" high x 14" wide laminated bumpers as standard.

## Construction

The platform is constructed of 1/4" thick 4-way high strength, low alloy 50,000 minimum yield A572 steel safety treadplate. Platform is reinforced and supported by full-length roll formed "C" channels for 25,000 and 35,000 lb. CIR and 6" structural "C" channels for 40,000 lb CIR capacity units. Front and rear header plate is of 1/2" x 7" hot rolled steel. DLM Docks LMD Series lips are made of 4-way safety treadplate, the 25,000 lb Comparative Industry Rating (CIR) is 1/2" thick, the 35,000 and 40,000lb CIR are 5/8" thick. The standard lip length is 16" on all capacities. Hinge lugs are 5 1/2 x 3" high tensile (A572) steel., lip hinge pins are 1" M1044 steel. All platforms are designed to compensate for up to 4" of canted truck beds.

## Installation

Unit shipped completely assembled and ready for installation in preformed concrete pit. Pit construction to be in accordance with certified Systems, LLC pit detail drawings. Contact Systems, LLC for current cost and nearest distributor.

## Operation

The DLM Docks LMD Series leveler is operated manually simply by pulling the release chain to raise the leveler and automatically extend the lip. The attendant walks the platform down onto the trailer bed. The standard lip is 16", with an operating range of 12" above and below dock level. The platform is designed to compensate for canted truck beds up to 4" and remain flush with the dock floor.

## Warranty

All DLM Docks LMD 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's 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 installation or the sixtieth (60th) day after shipment, whichever is earlier. Additional warranty extensions may be available upon approved submittal of application information.

## Order Specifications

### Dimensions and Capacities

Select a Model and a Capacity

| MODEL<br>NOMINAL SIZE                      | CIR<br>(Comparative Industry Rating) |
|--------------------------------------------|--------------------------------------|
| <input type="checkbox"/> LMD-66 6' x 6'    | <input type="checkbox"/> 25,000 CIR  |
| <input type="checkbox"/> LMD-68 6' x 8     | <input type="checkbox"/> 35,000 CIR  |
| <input type="checkbox"/> LMD-656 6'6" x 6' | <input type="checkbox"/> 40,000 CIR  |
| <input type="checkbox"/> LMD-658 6'6" x 8' |                                      |
| <input type="checkbox"/> LMD-76 7' x 6'    |                                      |
| <input type="checkbox"/> LMD-78 7' x 8'    |                                      |

## Required Information

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

## Check Options Desired

|                                                             |                                                                     |
|-------------------------------------------------------------|---------------------------------------------------------------------|
| <input type="checkbox"/> TPR® Restraint                     | <input type="checkbox"/> Foam Insulation                            |
| <input type="checkbox"/> TPR UniLock® Restraint             | <input type="checkbox"/> Special Color _____                        |
| <input type="checkbox"/> PowerStop® Restraint (manual)      | <input type="checkbox"/> Full Range Toe Guards                      |
| <input type="checkbox"/> PowerStop® Restraint (auto)        | <input type="checkbox"/> Below Dock Endload                         |
| <input type="checkbox"/> UniChock™ Restraint                | <input type="checkbox"/> Lip Supporting Service Strut               |
| <input type="checkbox"/> UXL Restraint                      | <input type="checkbox"/> Clean Sweep Frame                          |
| <input type="checkbox"/> 18" Lip                            | <input type="checkbox"/> Brush Weather seal                         |
| <input type="checkbox"/> 20" Lip                            | <input type="checkbox"/> Rubber Weather seal                        |
| <input type="checkbox"/> Light Communication System         | <input type="checkbox"/> Vertical Bumpers (laminated)               |
| <input type="checkbox"/> Dock Alert (NEMA12)                | <input type="checkbox"/> VB420-11 <input type="checkbox"/> VB424-11 |
| <input type="checkbox"/> iDock 1.0 Alert                    | <input type="checkbox"/> 6" Thick Dock Bumpers                      |
| <input type="checkbox"/> iDock 2.0 Alert                    | <input type="checkbox"/> Wheel Chocks Model # _____                 |
| <input type="checkbox"/> 3-wheel Fork Truck Protection      | <input type="checkbox"/> Dock Light (no bulb)                       |
| <input type="checkbox"/> Pit Steel (6 piece curb angle set) | Model # _____                                                       |
| <input type="checkbox"/> Pit Steel (4/angle,2/bumper)       | <input type="checkbox"/> Other _____                                |
| <input type="checkbox"/> Pit Kit (3 sided)                  |                                                                     |
| <input type="checkbox"/> Pan Unit (4 sided)                 |                                                                     |

## Certified for Construction

|              |  |
|--------------|--|
| BY           |  |
| DATE         |  |
| COMPANY      |  |
| CITY & STATE |  |