

# LMD Series Mechanical Dock Leveler Specification Sheet and Submittal



LMD Series 7' x 8' 35,000 CIR, Optional Full Range Toe Guards, with CleanSweep Frame Shown.

## STANDARD FEATURES FOR THE LMD SERIES MECHANICAL DOCK LEVELER

- Box Construction Deck Assembly
- Multi-position Structural Steel Safety Legs
- Extended Range Float/Hold-down Mechanism
- Yieldable Lip Plate
- CamControl Counter Balance Assembly
- 6'0", 6'6", and 7'0" Widths
- 6'0" and 8'0" (Nominal) Lengths
- Lip Drive Positive Lip Extension
- Lockout Tagout Maintenance Strut
- Night Locks/Cross Traffic Support
- Working Range Toe Guards
- Two (2) DB-13 Molded Rubber Bumpers



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**GENERAL DESCRIPTION:** All DLM® 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.

**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 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.

**STANDARD OPERATIONAL 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" thick x 10" high x 13" wide DB-13 molded rubber bumpers as standard.

**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.

**WARRANTY:** All DLM 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.

Dimensions and Capacities Select a Model and a Capacity	
MODEL - NOMINAL SIZE	DYNAMIC / COMPARATIVE CAPACITY / INDUSTRY RATING
<input type="checkbox"/> LMD-66 6' x 6'	<input type="checkbox"/> 12,500/25,000 lbs. <input type="checkbox"/> 17,500/35,000 lbs. <input type="checkbox"/> 20,000/40,000 lbs.
<input type="checkbox"/> LMD-68 6' x 8'	
<input type="checkbox"/> LMD-656 6'6" x 6'	
<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'	

Optional Equipment for LMD Series Mechanical Dock Levelers  
(Check options desired)

<input type="checkbox"/> TPR® Restraint	<input type="checkbox"/> Full Range Toe Guards
<input type="checkbox"/> TPR UniLock® Restraint	<input type="checkbox"/> Below Dock Endload
<input type="checkbox"/> PowerStop® Restraint (manual) (S.C.)	<input type="checkbox"/> Lip Supporting Service Strut
<input type="checkbox"/> PowerStop <sup>C</sup> Restraint (automatic) (S.C.)	<input type="checkbox"/> Clean Sweep Frame
<input type="checkbox"/> UniChock™ Restraint	<input type="checkbox"/> Brush Weather seal
<input type="checkbox"/> 18" Lip	<input type="checkbox"/> Rubber Weather seal
<input type="checkbox"/> 20" Lip	<input type="checkbox"/> Laminated Bumpers B410-14
<input type="checkbox"/> iDockV Alert Communication System	<input type="checkbox"/> Vertical Bumpers (laminated)
<input type="checkbox"/> 3-wheel Fork Truck Protection	<input type="checkbox"/> VB420-11 <input type="checkbox"/> VB424-11
<input type="checkbox"/> Pit Steel (6 piece curb angle set)	<input type="checkbox"/> 6" Thick Dock Bumpers
<input type="checkbox"/> Pit Steel (4/angle,2/bumper)	<input type="checkbox"/> Wheel Chocks Model # _____
<input type="checkbox"/> Pit Kit (3 sided)	<input type="checkbox"/> Dock Light (no bulb) Model # _____
<input type="checkbox"/> Pan Unit (4 sided)	<input type="checkbox"/> Other _____
<input type="checkbox"/> Foam Insulation	<input type="checkbox"/> Other _____
<input type="checkbox"/> Special Color _____	<input type="checkbox"/> Other _____

Customer: _____ Job: _____ Location: _____ Number of Units: _____ Model: _____ Size: _____ Represented By: _____ SalesRep: _____	Certified For Construction: By: _____ Date: _____ Company: _____ City & State: _____
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A continuing product improvement process is in effect at Systems, LLC as such, we reserve the right to make product changes without prior notice.