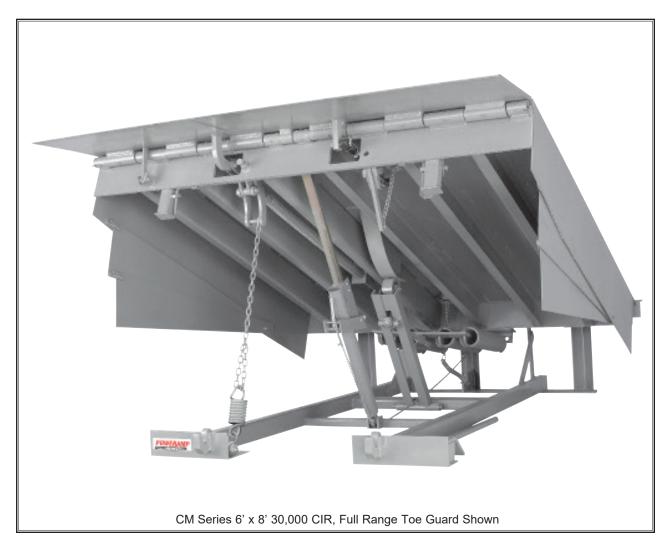


CM Series Mechanical Dock Leveler Specification Sheet and Submittal



STANDARD FEATURES FOR THE CM SERIES MECHANICAL DOCK LEVELER

- Four Sided Box Construction Deck Assembly
- Multi-position Structural Steel Safety Legs
- Below Dock End Loading Control
- Extended Range Float/Hold-down Mechanism
- Yieldable Lip Plate
- Cam Control[™] Counter Balance Assembly
- Lip Drive[™] Positive Lip Extension
- CleanSweep Frame™

- Lockout Tagout Maintenance Strut
- Night Locks/Cross Traffic Support
- Lip Support Service Strut
- Working Range Toe Guards
- Grease Fittings
- Two (2) DB-13 Molded Rubber Bumpers
- Made in the USA



CM Series Mechanical Dock Leveler Specification Sheet and Submittal

GENERAL DESCRIPTION: All POWERAMP® CM 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, U.S. Department of Commerce Standard CS-202-56 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 3/16" or 1/4" thick 4-way high tensile 50,000 minimum yield A572 steel safety treadplate. Platform is reinforced and supported by full-length roll formed "C" channels. Front and rear header plate is of $\frac{1}{2}$ " x 7" hot rolled steel. POWERAMP CM Series lips are made of 4-way safety treadplate, the 25,000 lb Comparative Industry Rating (CIR) are $\frac{1}{2}$ " thick, the 30,000 lb CIR are $\frac{5}{8}$ " thick. The standard lip length is 16" on all capacities. Hinge tubes are 1 $\frac{3}{4}$ " OD x $\frac{5}{16}$ " wall, 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 CM 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 CM 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 POWERAMP CM 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. Structural components carry an additional nine (9) year pro-rated warranty. 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 | |
| □ CM-66 6' x 6' □ CM-68 6' x 8' □ CM-610 6' x 10' □ CM-656 6'6" x 6' □ CM-658 6'6" x 8' □ CM-6510 6'6" x 10' □ CM-76 7' x 6' □ CM-78 7' x 8' □ CM-710 7' x 10' | □ 12,500/25,000 lbs. □ 15,000/30,000 lbs. | |

| Optional Equipment for CM Series Mechanical Dock Levelers (Check options desired) | | | | |
|---|--------|---|--|--|
| (Check option of the control of the | itions | Special Color Full Range Toe Guards Below Dock Endload Lip Supporting Service Strut Clean Sweep Frame Brush Weather seal Rubber Weather seal Laminated Bumpers 8410-14 Vertical Bumpers (laminated) VB420-11 VB424-11 6" Thick Dock Bumpers Wheel Chocks Model # Dock Light (no bulb) Model # Other | | |
| ☐ Pit Kit (3 sided) ☐ Pan Unit (4 sided) | | Other | | |
| ☐ Foam Insulation | | | | |

| Customer: _ | Certified For Construction: |
|--------------------|-----------------------------|
| Job: _ | By: |
| Location: _ | Date: |
| Number of Units: _ | Company: |
| Model: _ | City & State: |
| Size: _ | |
| | |
| SalesRep: _ | |

A continuing product improvement process is in effect at Systems, LLC. As such, we reserve the right to make product changes without prior notice.