

DOCK LEVELER  
MECHANICAL





# CM Mechanical Dock Leveler

# FEATURES

With premium features such as SafeTFrame™, unlimited float hold-down and a hydra cam lip assembly, Kelley's CM Series Mechanical Dock Leveler is designed for exceptional performance and endurance.

1. Working range Toe Guards (Full range optional).
2. Integral support strut with lockout capability keeps ramp raised for routine maintenance and cleaning.
3. Anti-Interference Cam limits safety leg interference throughout the loading/unloading cycle.
4. Structural steel safety legs for free fall protection.
5. Unlimited float hold-down provides easy fingertip release and extended float throughout the dock leveler's working range.
6. Unique oil-tempered, chromium silicone steel extension spring counterbalance with single adjustment point for high strength, durability and easy walk-down.
7. Patented SafeTFrame™ provides superior structural support and level interface with warehouse floor.
8. Integral lip lock keeps lip raised for routine maintenance and cleaning.
9. Lip keepers secure dock leveler when overhead door is down.
10. Hydra-Cam extends and holds lip at the top of its cycle. Lip remains yieldable throughout loading operation.
11. Optional ENERGY GUARD™ sealing system prevents energy loss around the leveler perimeter, effectively sealing gaps between the leveler and the concrete pit walls.







## DESIGN ADVANTAGES



### SafeTFrame™

For decades, all dock levelers installed in a concrete pit have required an installer to place and weld steel shim under the rear frame in order to level the device and provide long-term support.

This conventional process can lead to installation errors, as installers are often working under the leveler in a cramped environment and may not use the correct size shim or weld the shim properly. The result: the leveler can suffer structural fatigue, which may lead to expensive repair or replacement.



- Greater structural strength & durability
- Reduce installation issues common with conventional dock levelers
- Ensures level transition from warehouse floor to dock leveler
- Rule out premature structural fatigue due to improperly shimmed/installed dock leveler



### Unlimited float hold-down

The unlimited float hold-down makes Kelley's CM Dock Leveler simple to operate and require less force to walk down into position to help maximize operational efficiency.

This unique design produces less wear on components, is more dependable than ordinary float spring models and has an overall lower lifetime cost of ownership than conventional mechanical dock levelers.



### HYDRA-CAM Lip Assembly

The CM Series Dock Leveler is equipped with a yieldable lip that gently extends at the top of the upward ramp movement due to the Hydra-Cam lip control mechanism.

The Lip remains extended until the operator starts to walk the leveler down, while a hydraulic shock absorbing cylinder controls the lip's rate of descent as the ramp lowers into position.









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