



## SOLIDOK® SAFE-T-LEVEL™ M SERIES MECHANICAL U-BEAM DOCK LEVELER



### Solidok® Safe-T-Level™ M Series Mechanical U-Beam Dock Leveler

- High-performance leveler.
- Easy to operate— simply pull the release chain and let the heavy duty main lift springs go into action.
- Walk the deck down onto the truck bed, and begin loading/unloading.
- Available in rated capacities of 30,000 to 45,000 lbs (13,636 to 20,455 kgs).

### M Series

The M Series mechanical dock leveler's hold-down system is controlled by a 45,000 PSI precision-milled steel ratchet with 13 deep grooves and four pawls, offering strong locking capability. During loading and unloading, the friction disk brake enables the deck to seamlessly match the trailer height, minimizing cross-docking bounce. The increased contact surface with the disk brake creates even wear on the brake pads and results in greater hold while reducing maintenance requirements.

**FEATURES**

- ① Maintenance strut supports both deck and lip for safe under-deck maintenance and inspections
- ② Yieldable lip safely collapses if struck while extended
- ③ Hold-down assembly matches dock movement with trailer suspension
- ④ Heavy-duty springs have a lifetime warranty
- ⑤ Ergonomic soft-pull chain requires only 3 lbs (1.4 kg) of force to deploy the deck
- ⑥ Mechanical fall-safe legs limit platform free-fall



**Structural Integrity**

U-beam channels are welded to the underside of the deck at dynamic impact points, preventing ‘dishing’ and prolonging the life of the dock leveler. The continuous one-piece headboard strengthens the deck’s front structure. A single lip hinge pin enables a stronger distributed load.

**Deck Flex Advantage**

Ideal for normal loading conditions, the fixed near hinge design allows the deck to flex up to 4» (101 mm) when upper load to ensure full-width contact between the lip and the truck bed. The hinge remains flush with the floor to eliminate pinch points and cross traffic obstruction.

**ALSO AVAILABLE**

- 18" (457 mm) and 20" (508 mm) long lips
- Brush and rubber weather seals

**U-Channel**

With innovative features such as U-beam deck support and a highly efficient ratchet hold-down system, the U-Channel mechanical dock leveler has an industry-wide reputation for quality and performance. Six U-beam channels enable a better load distribution, Twelve distributed load points make the deck less susceptible to permanent deflection and extend deck life by up to 50% compared to other beam structures.

