

MECHANICAL DOCK LEVELER

MDL68-RS



DOCK EQUIPMENT



Mechanical Dock Leveler

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Red Steel Manually-Operated Dock Leveler is designed to operate effortlessly. Featuring a mechanical lip mechanism, the leveler platform allows you to compensate the distance and height between the loading bays and truck beds.

Max loading capacity of 35,000 lbs.

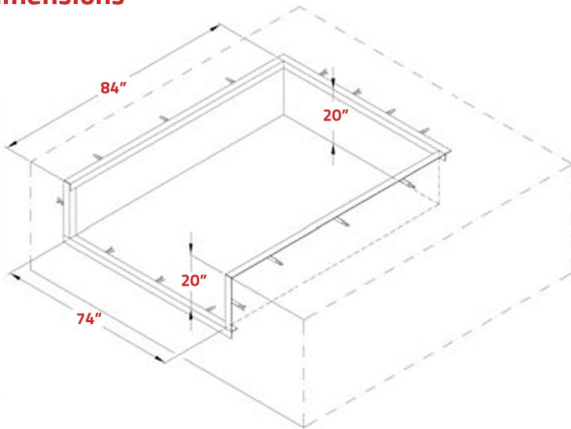


Dimensions

- **Leveler Dimensions:** 6ft (width) x 8ft (deep) x 20in (height)
- **Pit Size Dimensions:** 74in (width) x 84in (deep) x 20in (height)
- **Swing Lip Dimension:** 16in



Pit Dimensions



Components

The platform has a top tear plate of 12 Gauge thickness with a set of laminated profiles and side protection toe guards.

Lip with self-cleaning hinges made with a tear plate of 11 Gauge thickness. The 16 inches projection of the lip has a press stroke, to soften the passing of the forklift trucks.

Operation

Red Steel mechanical dock leveler works with a mechanical movement assisted by a set of springs. A cam on top of the platform distributes the forces transmitted by the lifting arm.

The platform is compensated in any position thanks to the springs that balance all forces. The swing lip unfolds slowly as soon as a person steps on the platform.

Side View



- 1 Compensation spring
- 2 Compensation arm and cam
- 3 Lip opening and blocking system
- 4 Breaking system
- 5 Fixing system
- 6 Swing lip

Features & Safety

- **Fixing belt:** high strength strap that secures the pit opening.
- **Toe guards** prevents operator accidents.
- **Side strips:** adhesive safety tape to reduce the risk of collisions.
- **Rubber bumpers** protect leveler and trucks against impacts.
- **Anti-theft system** prevents opening from outside.
- **Non-slippery diamond plate surface** for max traction.
- **Low Cost:** No electrical power required and low maintenance.

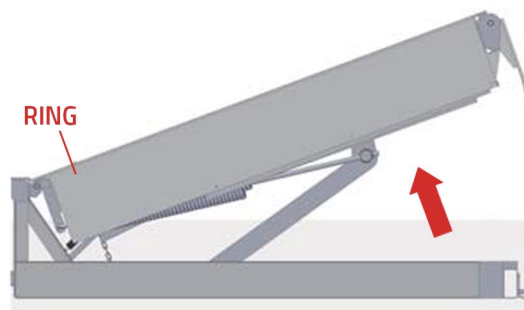


Operation Instructions

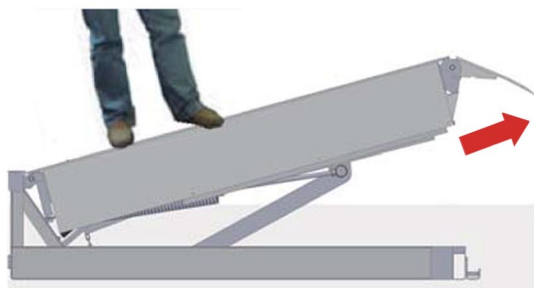
Mechanical Dock Leveler



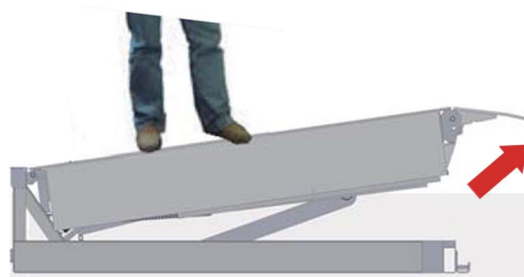
1. Leveler in closed position



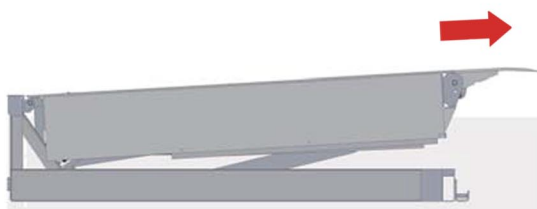
2. Pull on the ring and hold pressure to release the brake and allow the leveler to rise to its highest position.



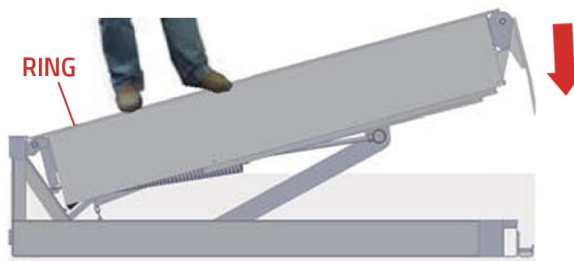
3. Once leveler reaches max height, walk on it to make it drop gently and to allow the swing lip to start to deploy



4. Remain on the leveler platform until the swing lip is unfolding.



5. Once it has reached the truck, the lip unfolds completely to adapt to the truck platform. Operator can get off the platform and loading / unloading process can start.



6. When loading/unloading is complete, close the leveler by pulling the ring half way, without reaching the top, and getting on the platform again to make it drop to its home position.



7. Final closed position of the leveler. Ready for the next operation.



RED STEEL MATERIAL HANDLING

Ph +1 (786) 475 4771
5255 NW 263 ST
Miami Gardens, FL
33014

support@redsteelmh.com
www.redsteelmh.com