

MECHANICAL PIT LEVELER



CREATES A SMOOTH TRANSITION FROM WAREHOUSE TO TRAILERS

Installer Friendly

- Fast, safe install with height adjusters operated while standing on building floor-no need for installer to be under leveler and no shimming/welding needed in rear of pit
- Adjusters quickly position the dock level with the building floor
- Improved safety — the installer is never under the leveler
- Levelers ship with four steel fork loops bolted to the deck, which improves stability when lifting from a truck. The loops help with forklift placement into a pit from inside or outside the building, and helps to minimize levelers sliding while stacked on top of each other
- Cut outs identify weld points to the curb angle for faster installation
- Lifter arm is mounted to the rear of the frame instead of sitting on pit floor. No need to shim or weld under the lifter arm

Durable Design and Finish

- Base frame is open all the way to the rear of the pit for easy access with no cross beams or places to trap debris
- C-channel beams create a strong deck structure and allows moisture to dry
- Deck design eliminates the transition angle which is a frequent repair on many levelers
- Deck hinge is fully supported across the entire width of the deck to enhance long term durability
- Durable textured powder coat finish
- Compliant with ANSI MH30.1-2022



Smooth Building-To-Truck Transition

- Designed with an optimized beveled lip to reduce bumps and damage to cargo and material handling equipment
- Reduces shocks and jolts to workers by creating a level pathway
- Facilitates fast movement of material handling equipment and forklifts

Easy-to-Use and Ergonomic

- Release chain for deck operation is user friendly and easy to pull
- The hold down is easy to operate
- Leveler is well-balanced for quick, easy articulation and automatically maintains positive lip contact with trailer movements
- The snubber chain and maintenance brace are positioned at side edges allowing easy access to the pit for maintenance and cleaning

1-Year Limited Warranty; 2-Year Limited Warranty when Overhead Door™ brand door and Mechanical Pit Leveler purchased together.



Safety Focused

- Installers are never under the pit
- Minimal bumps or gaps on deck/lip reduce trip hazards for workers
- Proprietary powder coat formulation on deck and lip surfaces is textured to provide enhanced traction and non-slip protection even when wet

Durability, Low Maintenance, Low Downtime

- Heavy duty multi-lug construction of the lip hinge. The design helps shed debris instead of trapping/grinding it between the lip/deck junction that can cause fatigue and maintenance issues. The lug construction also allows for easy lubrication of the hinge.
- Deck hinge is fully supported across the entire width of the deck, which spreads the load across the width of the deck instead of concentrating the load on just a few hinge points
- Durable textured powder coat provides an extremely durable finish, better corrosion protection and adhesion compared to wet paint
- Complies with ANSI MH30.1-2022 that includes rigorous load testing requirements

Environmentally Friendly

- Our powder coat process has fewer Volatile Organic Compounds (VOCs) and solvents compared to paint
- Overspray is recycled which reduces waste disposal issues compared to a traditional paint process
- The US Environmental Protection Agency (EPA) recommends powder coatings as a sustainable coating option

Installation and Serviceability

- Open base frame creates generous space for service along the full length of the leveler, including the rear which is the most difficult area to reach for cleaning and a common collection point for debris
- Leveler main springs are tightened/loosened with one adjustment point conveniently located on lifter arm
- Field serviceable with easy to reach adjuster for main spring
- Serviceable lip and hinge pin can be removed without breaking welds
- Maintenance brace is easy to reach under the leveler and is tethered so it never gets lost. Brace holds leveler up by the deck to allow lip maintenance
- Grease fittings to lubricate deck hinge for smooth operation
- Leveler ships with four forklift lifting loops bolted to deck, allowing leveler to be lifted from the front or rear for easy transport and placement in the pit
- Adjustable lip keepers to facilitate installation

MODELS M68R/M78R

WEIGHT CAPACITY	DIMENSION (NOMINAL)	
30,000, 35,000, 40,000, and 45,000 lbs.	Model M68R: 6' W x 8' L Model M78R: 7' W x 8' L	
BUMPERS	STANDARD	OPTIONAL
Laminated Bumpers 410-14 W1	✓	
Laminated Upgraded Bumpers 410-14 W2, 412-14 W1/W2, 610-14 W1/W2, V420-11 W1/W2, V620-11 W1/W2, V624-11 W1/W2		✓
Steel Face Bumpers 410-14 SF W1/W2, 610-14 SF W1/W2		✓
CONTROL		
Hold Down A/R	✓	
Working Range 12" Above/Below Dock	✓	
FINISH		
Gray Powder Coat	✓	
LIP		
16" Lip	✓	
18" & 20" Lip		✓
Lip Keepers	✓	
Lip Bevel	✓	
Lip Taper (Model M78R only)	✓	
SAFETY		
Safety Legs	✓	
Maintenance Brace	✓	
Safety Tread on Deck and Lip	✓	
Toe Guards: Working Range	✓	
Toe Guards: Full Operating Range		✓
TRANSPORT		
Reinforced Lifting Bolt Holes in Deck (4)	✓	
Steel Lifting Loops (Bolt to Deck) (4)	✓	
WEATHER SEALS		
Weather Seal: Brush		✓
Weather Seal: Neoprene		✓
Chain Hole Seal		✓



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