

# M Series

## Mechanical Leveler

25,000; 30,000; 35,000; 40,000; 45,000; and  
50,000 lb. Dynamic Capacities

6', 6'6", and 7' Widths  
6', 8' and 10' Lengths  
(Custom Sizes Available)

### Dependable PIONEER Levelers Keep Working for You.

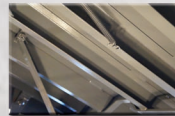
Offering a wide variety of dynamic capacities, the M Series Leveler provides 18" and 20" lip options, in addition to many other custom features. Dual 60,000 lb. safety legs provide additional strength and support. Deck and lip are constructed of 55,000 lb. minimum yield steel tread plate. Lip keepers serve as night locks for security and provide safe cross-traffic support when unit is stored. Dock bumpers and grease fittings on lip hinge are standard with each unit.

### Warranty

PIONEER offers a 5-year warranty on structural members. A 1-year warranty is provided on mechanical and miscellaneous parts (including materials, and labor).

### Guarantee

PIONEER will provide our standard warranty or match any documented competitive warranty in the industry for comparable models. There is no fine print.



PIONEER's solid steel **Structural "C" Channel** offers matchless deck support - providing a 39% greater resistance to elastic bending moments than other industry designs.



Fully mechanical, single-handed **Pull-chain Operation** means **NO LIFTING** or **STRAINING**.



**Positive Hold-down Device** allows up and down float when in service.



The M Series's simple, **Direct Extension Spring Design** has no moving parts - nothing to service!

**Quality Dock Levelers**

**Long Lasting**

**Easy to Install and Operate**

**Safe**



*Rugged. Dependable. PIONEER.*



# M Series

## Features & Specifications

All PIONEER Levelers meet or exceed the performance requirements of CS202-56., O.S.H.A., and A.N.S.I. MH14.1 - 1984

### Durability

- Deck and lip are constructed of **55,000 lb. Minimum Yield Steel Tread Plate**.
- All PIONEER M Series Levelers are exclusively equipped with **Solid Steel Structural "C" Channel** for maximum deck support. Each beam is fully welded to a **Full-width Header Plate** at the front of the Leveler.
- **Direct Extension Spring Design** has no moving parts - nothing to service!
- **Extra Heavy Rear Angle** with **Strategically Placed Gussets** provides maximum structural support and frame strength.
- **Laminated Bumpers** included to protect dock face and Leveler from truck damage.
- **Continuous Hinge Design** with **Grease Fittings** included as standard.

### Easy Installation

- Front and rear **Forklift Slots** provide easy access for maneuvering and installation. **Side Ports** allow unit to be suspended and lowered into pit from dock floor.
- Custom engineered **Rear Angle** is two inches wider than the Leveler, providing extra area to weld at both ends.

### Simple Operation

- Conveniently located **Pull-chain** provides easy activation of deck and lip.
- Direct extension **Spring Counterbalance** provides easy walk-down.
- **Operating Range** of 12" above and 12" below dock allows Leveler to be recycled with the truck in position.
- **Automatic**, positive lip extension with yieldable lip (Hydra-Lip) standard.

### Safety

- **Maintenance Struts** are a standard feature on all M Series Levelers.
- **Positive Hold-down Device** allows up and down float when in service.
- PIONEER's **Counterbalance System** operates on simple, **Direct Extension Spring Design** with *no moving parts*. **Adjustment Nut** is located at the front of the Leveler for safe, easy access.
- **Lip Keepers** serve as night locks for security, and provide safe **Cross-traffic Support** when unit is stored. Deck tilts to a maximum of 4" from side to side to compensate for unlevel trucks.
- **Safety Legs** automatically provide below dock support in event of premature truck departure.
- **Toe Guards** protect workers from injury during loading and unloading.



Rugged. Dependable. PIONEER.

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PIONEER offers a complete line of finely crafted, technologically advanced loading dock equipment, including **Hydraulic, Air Operated and Mechanical Pit Levelers, Edge-of-Dock and Hydraulic Top of Dock Levelers, Portable Dock boards, Vehicle Restraints, Dock Seals & Shelters, High Speed Fabric Roll-Up Doors, HVLS Fans, and other quality accessories**. Just call us toll free for personal, professional customer assistance and responses to all of your product needs.

toll free  
**800.251.3382**



Conveniently located pull-chain provides easy activation of deck and lip.

Direct extension spring counterbalance provides easy walk-down.



Adjustment nut is located at the front of the Leveler for safe, easy access.

### Dealer Locations

PIONEER Dock Equipment is available nationwide. For the location of your nearest PIONEER Dealer call us toll free at **800.251.3382**.