

MECHANICAL DOCK LEVELER



**MP6855 shown with structural C&I beam deck supports and optional weather seal.*

- ▶ Simple operation with a cam and roller counterbalance system that assures smooth dependable walk down
- ▶ Unique hold-down assembly for full float and automatic release capability with air ride trailers
- ▶ Easy pull-chain activation with fingertip release
- ▶ Positive lip extension with yieldable lip
- ▶ Below dock end load capability
- ▶ Full width rear hinge mounted in compression with structural channel support
- ▶ Integral maintenance strut is lockout/tagout compliant with lip support strut that also allows servicing of the lip

MP SERIES

MECHANICAL DOCK LEVELER



Full width rear hinge in compression with structural channel rear frame supports.



One point adjustable main spring assembly with roller and cam construction.



High strength piano hinge construction and lip extension mechanism.

OPERATION

The platform is raised by activating the pull-chain release assembly at the rear of the platform. A multi-spring counterbalance assembly raises the platform and a fully yieldable hinged lip is extended at the top of the upward travel. The attendant walks the platform down onto the trailer bed. If the trailer bed is below dock level the attendant activates a second pull chain at the front of the platform during walk down. Operable range is 12" above and 12" below dock level. The platform is designed to service out of level trailers with up to 4" of flex and remains flush with dock floor. A full float hold down provides platform float for vertical trailer movement.

SAFETY FEATURES

- Dual pivoting cross traffic legs for multi position safety at dock level and below.
- Self contained lip control yields under impact from incoming trucks.
- Built in lockout/tagout maintenance inspection strut.
- Working range safety toe guards and night lock security.

LOADING DOCK BUMPERS

Two molded 4" thick x 12" high x 13" long bumpers are standard. Optional sizes and types are available, consult factory.

COLOR

Slate blue is standard. Other colors available, consult factory.

VEHICLE RESTRAINT SYSTEMS

All MP Series mechanical levelers can be equipped with STOP-TITE™ or a HOLD-TITE™ series vehicle restraint or a Light Communication System to help prevent unexpected trailer departure from the loading dock and minimize trailer creep during the loading/unloading process and to enhance communication at the dock area.

MP SERIES COMMON OPTIONS

| | |
|---|---|
| ▶ | 18" or 20" lip |
| ▶ | Full range toe guards |
| ▶ | Weather seal – rubber or brush |
| ▶ | Laminated bumpers |
| ▶ | Pan unit (4 sided) or pit kit (3 sided) |
| ▶ | 3 wheel fork truck protection (standard on 45K & 55K) |
| ▶ | HOLD-TITE™ restraint |
| ▶ | STOP-TITE™ restraint (manual or automatic) |
| ▶ | Light Communication System |
| ▶ | Other options available – consult factory |

MODEL - NOMINAL SIZE

| | | | | |
|---|-------|-----------|--------|------------|
| ▶ | MP66 | 6' x 6' | MP6510 | 6'6" x 10' |
| ▶ | MP68 | 6' x 8' | MP76 | 7' x 6' |
| ▶ | MP610 | 6' x 10' | MP78 | 7' x 8' |
| ▶ | MP656 | 6'6" x 6' | MP710 | 7' x 10' |
| ▶ | MP658 | 6'6" x 8' | | |

Sample full model number MP6640

MP CAPACITIES

| | | |
|---|-----------------|-----------------|
| ▶ | 25,000 LBS. CIR | 45,000 LBS. CIR |
| ▶ | 30,000 LBS. CIR | 55,000 LBS. CIR |
| ▶ | 35,000 LBS. CIR | |
| ▶ | 40,000 LBS. CIR | |

(CIR - Comparative Industry Rating)

DISTRIBUTED BY:

