

Perma Tech, Inc.

"Your Single Source for ALL Your Loading Dock Needs"

Mechanical Edge of Dock Leveler

MD-CM Series

Features

- Deck and lip operation assisted by balanced spring lifting system
- Smooth top plate transition
- Comfort grip operating handle
- Lifting hole in lip allows for quick and easy handling by installer

Structural Integrity

- Deck and lip plates made of premium grade 50,000 psi minimum yield diamond tread plate
- Heavy-duty 3/8" x 6" back beam
- One-piece, continuous front and rear hinge pins for enhanced strength and durability
- Lip bevel helps protect material handling equipment steering systems and cargo
- Two (2) molded rubber bumpers bolted onto heavy-duty steel block extensions, to help protect building and dock from damage

Operation

- Easy to deploy, less effort "operator maintains balanced control"
- Working range capability of 5" above and 5" below dock level
- Self-storing upon truck departure



Ease of Service

- Comfort grip handle has secondary use as maintenance stand
- Grease fittings on 25,000 lb and 30,000 lb capacities to minimize operational friction
- Field adjustability for kicker bar and spring tension

Associated products

- Vehicle restraint systems
- Light communication systems
- Wheel chocks

The MD-CM Series edge-of-dock leveler is ideally suited for applications where installation of pit levelers is not feasible or where standard fleet bed heights are serviced at the loading dock. The MD-CM Series is easily installed to the dock face providing an efficient self storing docking unit, replacing cumbersome dock plates.



Stored traffic position



Insert comfort grip handle

Pull back

Push forward

To meet OSHA and ANSI requirements and to minimize legal/insurance issues, the use of wheel chocks (at a minimum) is mandatory anytime equipment is used at the dock to load/unload vehicles. However, with the high lifetime cost of wheel chocks and their limited effectiveness, we recommend the combined use of vehicle restraints and wheel chocks as the accepted method of securing trucks to the dock. Maximize your employee safety while providing your company a modern, safe loading dock area.

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MODEL	CAPACITY	DECK SIZE (W x L)
<input type="checkbox"/> 5MDC66__M	<input type="checkbox"/> 20,000 lbs <input type="checkbox"/> 25,000 lbs	66" x 27"
<input type="checkbox"/> 5MDC72__M	<input type="checkbox"/> 30,000 lbs	72" x 27"
<input type="checkbox"/> 5MDC7825M	<input type="checkbox"/> 25,000 lbs	78" x 27"

Standard Construction Features

- 15" lip with bevel edge
- Hole in lip to help with easy handling and installation
- Welding procedure compliant with A.W.S.D.1.98 specifications
- Deck and lip constructed out of high tensile steel
- Four way diamond tread plate
- Two (2) molded rubber dock bumpers 10" W x 13" H x 4" D mounted to heavy-duty bumper blocks

Mechanical Operating System

Provides quiet, dependable and smooth cycling.

1. Insert the operating handle deck and side pocket.
2. Pull the comfort handle back; the spring-assisted deck raises to a vertical position.
3. Pushing the handle forward lowers the deck, and lip automatically extends onto trailer.

Lip Operation

Lip automatically extends as unit is lowered onto truck bed and returns to stored position upon truck departure. The length of the lip shall not be less than 15".

Automatic Vertical Compensation and Travel

Unit provides float up to 5" above and below dock level.

Automatic Lateral Compensation

Leveler shall have deck flex to compensate for canted (out of level) truck beds.

Rated Capacity

- 20,000 lb
- 25,000 lb
- 30,000 lb

Optional Features

- 17" lip
- Flat lip

Serviceability

- Comfort grip handle has secondary use as maintenance stand
- Grease fittings provided on 25,000 lb and 30,000 lb units
- Field adjustability for kicker bar and spring tension

Finish and color

- Unit to be painted gray

SALES & SERVICE BY:

Warranty

Standard one-year parts and labor warranty from date of shipment. Warranties are subject to standard limitations on liability.

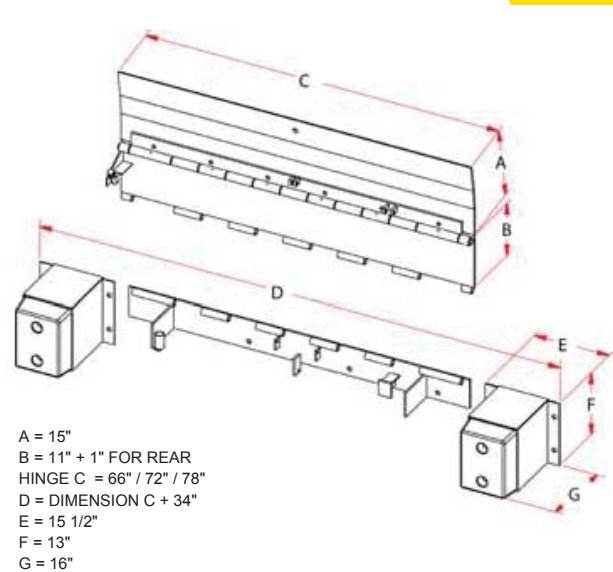
Installation Accessories

- Approach ramps
- Face plates
- 8" Pour-in channel

Optional Products

- Vehicle restraint systems
- Communication systems
- Wheel chock systems

Nominal Dimensions



- Note:**
1. Recommend minimum 8" structural concrete embedment (pour-in) channel, installed by others. Some components are not illustrated. Mounting anchors are not included.
 2. Working range reduced by 2" when ordered with 17" lip and/or flat lip option.