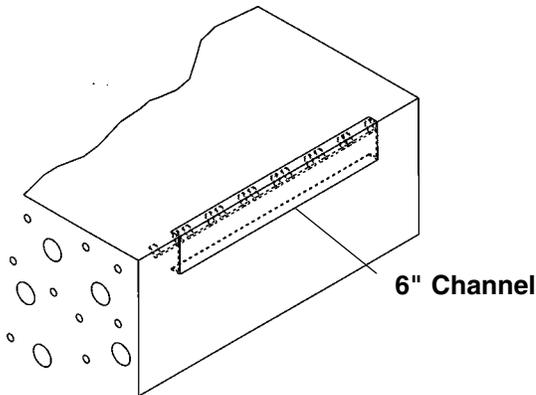


INSTALLATION INSTRUCTIONS (READ ALL INSTRUCTIONS BEFORE PROCEEDING!)

Dock Edge Construction

The procedure for the installation of the Edge-O-Dock dockleveler varies with the dock edge construction and the height differential. The recommended dock edge for installing an Edge-O-Dock unit is a well anchored six inch channel. With a six inch channel embedded in to the dock edge, the installer can weld the ramp and bumper blocks securely into position. The ramp and blocks cannot be welded into position if the dock edge steel is less than six inches. For installations with less than six inches of steel edging a combination of anchor bolts and welding is required. If the dock has no steel edging, a steel plate must be anchored to the floor to provide a surface to weld the ramp to in order to maintain the capacity of the leveler. **Failure to follow the proper installation procedure will decrease capacity of dockleveler.**

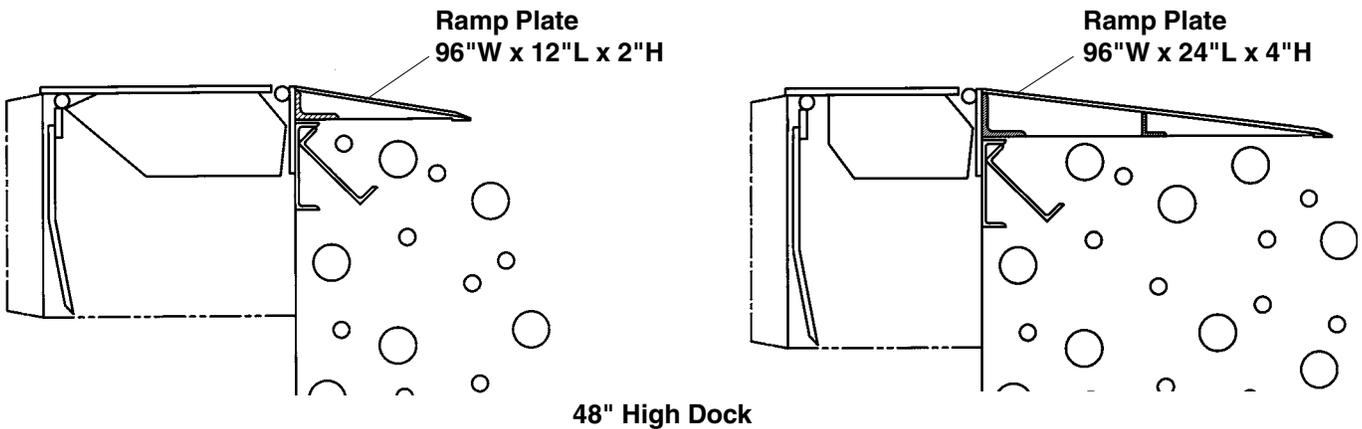


Recommended dock edge for new construction

The recommended dock edge for new construction is a well anchored 6 inch channel (8.2 lb. minimum). Concrete "J" anchors shall be 1½ inches wide with a length of 6 inches plus 1½ inches bent at 90 degrees on the end. Minimum material thickness shall be ¼ inch. One anchor shall be installed every 12 inches.

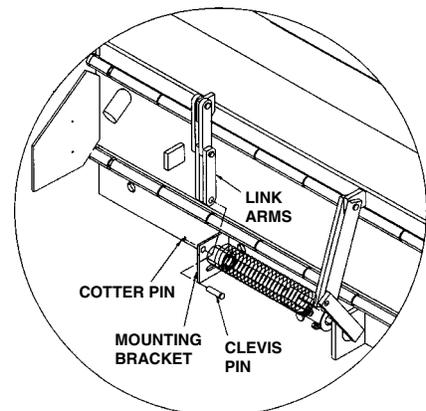
Height Differential

The optimum dock height in most cases is 50". On dock heights significantly different than 50", ramps and ramp support angles as shown below must be employed.



Linkage Installation Instructions FOR MECHANICAL EDGE-O-DOCK

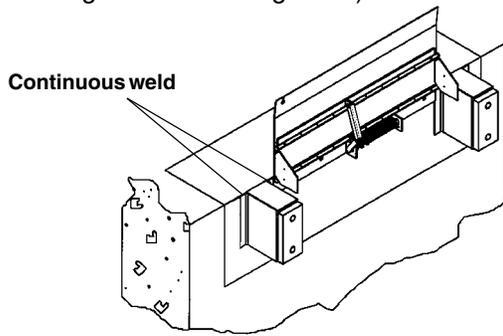
- 1.) Remove the cotter pin from the clevis pin.
- 2.) Remove the clevis pin from the linkage arms.
- 3.) Move the lip plate down until the hole in the mounting bracket is aligned with the holes in the link arms.
- 4.) Insert the clevis pin through the aligned holes and fasten with the cotter pin.



INSTALLATION OF EDGE-O-DOCK • FM SERIES

Weld On Installation

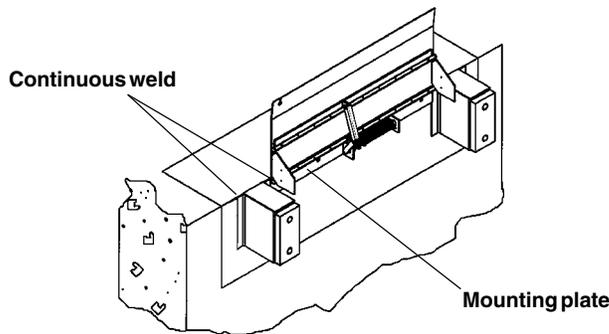
(dock edge steel is 6" or greater)



1. Remove all material and protrusions from the face of the dock.
2. Center the ramp in the doorway and tack weld at each end. Be certain the mounting plate does not extend above the edge of dock.
3. Continuously weld the mounting plate to the steel dock edge.
4. Weld bumper blocks on each side of ramp. Weld continuously across tops and down both sides.

Bolt And Weld On Installation

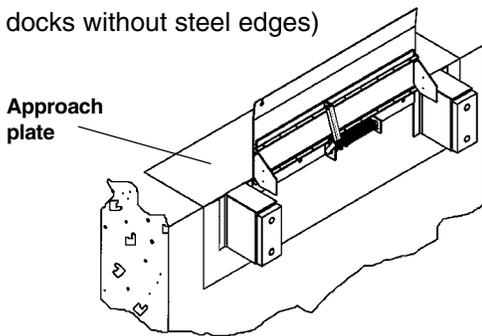
(dock edge steel is less than 6")



1. Remove all material and protrusions from the face of the dock.
2. Center the ramp in the doorway and tack weld at the end. Be certain the mounting plate does not extend above the edge of the dock.
3. Continuously weld the mounting plate to the steel dock edge.
4. Weld bumper blocks on each side of ramp. Weld continuously across top and down both sides.
5. Install one lag bolt 5/8" x 5" on the outside and inside flanges of each bumper block.
6. Install at least two lag screws 3/4" x 5" along the bottom of the mounting plate. Install four if the concrete is flaky or steel is not rigid.

Bolt On Installation

(for docks without steel edges)



1. Remove all material and protrusions from the face of dock.
2. In installations where cartons or pallets are slid along the building floor into the truck, the approach plate must be recessed into a groove in the floor.
3. To install the groove, locate and mark the center of the dock where ramp is to be mounted. Make a centered chalk line 1/2 inch longer than ramp plate, 12 inches back from the face of the dock.
4. Using a SKIL ROTO Hammer No. 736, or similar tool, cut a groove 3/8" deep x 2" wide x ramp length plus 1/2 inch on the outside of the line. (The groove will start 10" from the dock face and end 12" from dock face.)
5. Position the beveled and turned-down edge of approach plate in the groove with opposite edge flush with the dock edge.
6. Anchor the plate to floor with four 5/8" x 5" lag bolts. Do not tighten yet.
7. Center the mounting plate of leveler against the approach plate anchored to floor. Tack weld the mounting plate in place.
8. Continuously weld across the top. Chip and grind as required.
9. Drill holes into the dock through the holes in the mounting plate. Depending on the cement condition, up to 8 may be required.
10. Install anchors and bolts. Do not tighten.
11. Install bumper blocks on each side of ramp mounting plate. Weld the top of the bumper blocks to the ramp plate, and the side of the bumper blocks to the ramp mounting plate. Install two anchors on each side of bumper blocks.
12. Tighten the anchor bolts on the face of the dock, then on top of dock.
13. Weld and round-off (with grinder) the lag bolts on the ramp plate.