

# RHE-300 Mechanical Edge-O-Dock Leveler

Ideal for docks servicing trucks with minimal height difference or where space is a challenge.



## Ease of Operation

Rite-Hite's Edge-O-Dock leveler operation offers a more ergonomic upright position, which allows for easy leveler activation and an alternative solution to labor intensive dock plates.

- » Operational Linkage ergonomically positions the Leveler Operation Handle in a more upright position, protecting personnel by helping eliminate the need to lean outside the loading dock door to reach or bend far backwards to operate.
- » The hinge's construction requires the handle to be pulled back a shorter distance (compared with competitor offerings) to activate the lip.
- » Lip Latch locks into place when the operator pulls the handle backwards, allowing the lip to extend as the handle is brought forward for steady lip placement.
- » Lip Chamfer reduces the impact felt when transitioning from the leveler lip to the trailer bed.
- » Spring Assembly assists in making the manual process smoother by taking some of the pressure off the operator when positioning the lip into the bed of the trailer.

## Easy Upgrade to Hydraulic Operation

Rite-Hite Edge-O-Dock leveler allows your loading dock to adapt as facility needs change.

- » Easy Upgrade from Mechanical to Hydraulic Edge-O-Dock Leveler. All mechanical units are designed and shipped for future hydraulic conversion.

## Convenient Installation & Maintenance

Installed on the face of the loading dock, an Edge of Dock leveler does not require a pit, which helps keep installation scope smaller, costs to a minimum, and easier clean-up.

- » No Pit Necessary with a mechanical Edge of Dock leveler, which helps decrease installation time, lower the threat of cargo theft, and prevent pest and contaminant infiltration.
- » Grease Fittings help improve leveler operation while reducing maintenance needs and cost.
- » Mechanical Edge of Dock levelers are constructed with high strength low-alloy steel for increased durability.
- » Operating Handle doubles as a functioning maintenance strut for enhanced personnel protection during maintenance, while eliminating additional equipment purchases.

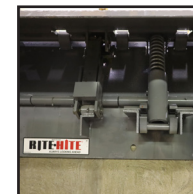
## Industry Leading Warranty

Rite-Hite warranties are backed by a vast network of representatives and exclusive leading planned maintenance programs, helping to ensure that products perform to their full potential.

- » 12-Month Limited Money-Back Guarantee of Customer Satisfaction
- » 1-Year Parts & Labor
- » 90-Days Molded Bumper Warranty



Operational Linkage



Lip Latch & Spring Assembly



Ergonomic Upright Handle

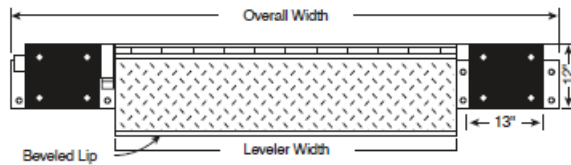
# Specifications

## General Description

The RHE-300 Mechanical Edge-O-Dock Levelers offer an economical solution for facilities with light loads, limited variation in vehicle heights, and limited internal working space. The ergonomic upright position of the leveler's operation handle helps increase safety by reducing the need for personnel to lean far over the loading dock to operate.

## Nominal Dimensions

Leveler Width	Overall Width
<input type="checkbox"/> 66" (1676 mm)	102" (2591 mm)
<input type="checkbox"/> 72" (1829 mm)	108" (2743 mm)
<input type="checkbox"/> 78" (1981 mm)	114" (2896 mm)
<input type="checkbox"/> 84" (2134 mm)	120" (3048 mm)



## Standard Features

- » Capable of servicing trucks 3" (76 mm) above and 3" (76 mm) below dock level.\*
- » 16" (406 mm) bumpers
- » 13" (330 mm) ramp in the stored position
- » 12" (305 mm) standard lip
- » Deck and lip are 3/8" (10 mm) to 5/8" (16 mm) thick (depending on capacity) high strength, low-alloy steel (55,000 psi minimum tensile strength). Lip is chamfered for smooth transition.
- » Automatic lip extension is built into the pull/push cycle, eliminating manual positioning.
- » Simple compression spring offers reliability and ease of operation for lift assist.
- » Operating handle is 1-5/16" (33 mm) in diameter.
- » Guaranteed against defects in workmanship and materials for (1) year from date of sale. We reserve the right to change specifications without notice.

## Operation

Simple push/pull of the leveler handle automatically sets the board into place with minimal effort. The handle is stored for the next operation. When the truck pulls away, the leveler returns to the stored position. The unit can also be returned to the stored position with the truck in place. The lip will not stay extended without the truck in place.

## Hydraulic Upgrade Available

Hydraulic Conversion – All Edge-O-Dock levelers come with standard mounting brackets for future conversion to hydraulic operation.

## Edge of Dock Features

Capacities:\*

- 20,000 lbs (9,070 kg) -- 5,000 Gross Load
- 30,000 lbs (13,600 kg) -- 10,000 Gross Load
- 40,000 lbs (18,144 kg) -- 15,000 Gross Load

Lip:

- 12" (305 mm)
- 14" (355 mm)
- Tapered Lip

Treaded Transition Plate:

- 1/4"x108"x12"  1/4"x108"x12" w/ Bevel & Bend
  - 1/4"x108"x12" with Bend  1/4"x108"x12" with Bevel
  - 1/4"x108"x18"  1/4"x108"x18" w/ Bevel & Bend
  - 1/4"x108"x18" with Bend  1/4"x108"x18" with Bevel
  - 1/4"x108"x24"  1/4"x108"x24" w/ Bevel & Bend
  - 1/4"x108"x24" with Bend  1/4"x108"x24" with Bevel
- (for mounting where sufficient dock edge steel is not present)

Bumpers:

- 12x13 Steel Face Bumper/Blocks  18x10 Bumpers/Blocks
- 18x10 Steel Face Bumper/Blocks  24x12 Bumpers/Blocks
- 24x12 Steel Face Bumper/Blocks  18x10 Bumper/No Blocks
- Std 12x13 Bumpers/Blocks  24x12 Bumper/No Blocks
- Pads Only  No Blocks/No Pad

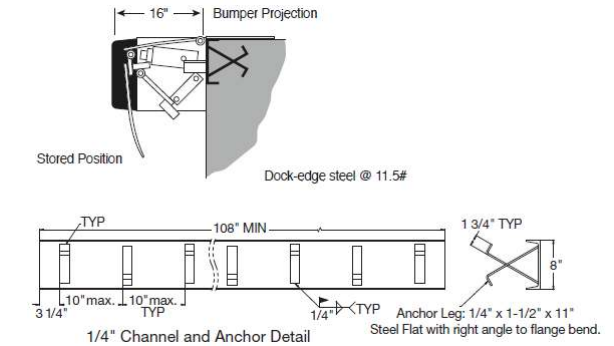
Dock Face Plate

- Post Office Model with 2" (51 mm) cart stop
- Hot dipped galvanized (six week lead time)
- Built-in telescopic handle

\* Due to the limited length of EOD levelers, its structure is subjected to greater dynamic load than on longer levelers. Capacities are based on ideal operating conditions (i.e. maximum gross load traveling at 3 mph on 10% grade or less); if the application exceeds this condition a higher capacity leveler must be selected.

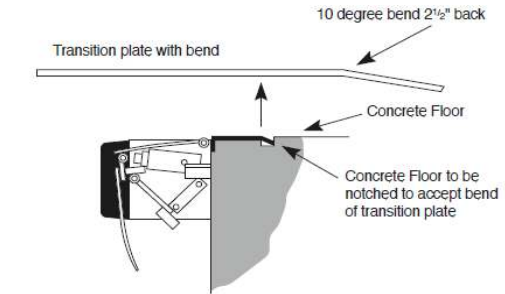
## #1 New Construction

Standard installation with poured in curb channel.



## #2 Existing Construction

Transition plate required for existing construction with curb angle. If no angle is present, additional face plate required.



## #3 Pit Installation

Transition plate required for existing construction with curb angle

## Client Info

Customer Name: \_\_\_\_\_

General Contractor: \_\_\_\_\_

Quantity: \_\_\_\_\_

Date: \_\_\_\_\_

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