



# Air-Powered Dock Leveler

## **Advanced low-pressure lifting system**

State-of-the-art cylindrical air tower is puncture and wear resistant for longest life. Exclusive forward mounting provides optimum lifting efficiency.

## **Low maintenance**

Lifting system requires no scheduled maintenance. Lip mechanism requires no adjustment.

## **Pit cleaning capability**

Air tower and support easily moved for cleanout and washdown with no special tools required. Subframe allows for easy cleaning.

## **High reliability components**

Simple design with few moving parts.

## **Platform construction**

8" beam spacing provides flexibility to accommodate a variety of material handling equipment; ideal for 3-wheel fork truck traffic.

## **Rear hinge support**

Four vertical supports provide added structural integrity.

## **Maintenance strut**

Integral maintenance strut supports the platform and lip for easy service access.

**Meets ANSI MH30.1-2000 test-load specifications.**



Option available to prevent stump-out.

## **Smoothest transition in the industry.**



From the rear hinge to the front hinge - featuring a consistent, reliable lip crown - Genisys dock levelers provide the smoothest transitions between dock, leveler and trailer to help prevent injuries, and minimize forklift and product damage.



**RITE-HITE®**

# SPECIFICATIONS

# Air-Powered Dock Leveler

## NOMINAL DIMENSIONS:

WIDTH	LENGTH
6' (1830 mm)	6' (1830 mm)
6' (1830 mm)	8' (2440 mm)
6' (1830 mm)	10' (3050 mm)
7' (2110 mm)	6' (1830 mm)
7' (2110 mm)	8' (2440 mm)
7' (2110 mm)	10' (3050 mm)

## OPERATION:

The platform is raised when the dock attendant pushes and holds the button on the control box. The platform will fully rise and the lip will then automatically extend. Releasing the push button will cause the leveler platform and lip to lower to the truck bed. Nominal operating range is 12" above and 12" below dock level (+/- 300 mm). The standard 16" (400 mm) lip extends 11" (280 mm) beyond the standard 4" (100 mm) bumper. The platform is designed to compensate for canted truck beds up to 4" (100 mm) and remain flush with the rear of the pit to eliminate pinch points. The lip is yieldable.

## STANDARD FEATURES:

- All models are available in historical 30K, 35K, 40K and 50K capacities. Please consult Rite-Hite for ANSI MH30.1 Test Load Equivalents.
- Structural steel working range toe guards are integral to the leveler construction. Full range toe guards provide protection throughout the operating range.
- Permanent night locks are standard in order to help protect against unauthorized entry beneath locked overhead doors.
- Entire dock leveler is protected with a gray enamel paint finish.
- Structural safety stops are provided to stop the leveler platform just below dock level in the event of unexpected trailer departure.
- An integral maintenance strut is provided on every leveler to support the lip and deck during service.

## ELECTRICAL:

The enclosed motor is rated at 115V, 60 Hz, single phase. All operator controls are mounted in a gasketed, NEMA 12 enclosure. All electrical components, connections and wiring are UL listed or recognized. Please note: Unless specifically noted on the quotation, all electrical including hook-up is the responsibility of others.

230V, single phase, 50 Hz is available as an option.

### Phase/Voltage Distance in Feet Between Leveler Control Box and Power Source (Circuit Breaker)

	0-100	101-200	200+
Single Phase 115 Volts	10 Ga. Wire	8 Ga. Wire	6 Ga. Wire

## WARRANTY:

Rite-Hite warrants all components to be free of defects in material and workmanship, under normal use, for a one year period from date of shipment in accordance with Rite-Hite's Standard Warranty Policy. The "Base Warranty Period" will begin on the completion of installation or the sixtieth (60th) day after shipment, whichever is earlier. Extended structural warranty available upon approved submittal of application. 5-year parts and labor on air tower and lifting system.

## AVAILABLE OPTIONS:

- 18" (460 mm) Lip
- 20" (500 mm) Lip
- PT2 (Plytex) Weatherseal
- NB1 (Nylon Brush) Weatherseal
- Stump-Out Solution
- Dok Box
- Integral Box
- Alternate Bumpers \_\_\_\_\_
- Other \_\_\_\_\_
- Vehicle Restraint Model \_\_\_\_\_

PROJECT INFORMATION	CERTIFIED FOR CONSTRUCTION
JOB NAME _____	BY _____
ADDRESS _____	DATE _____
GENERAL CONTRACTOR _____	COMPANY _____
DISTRIBUTOR _____	ADDRESS _____
MODEL _____ QTY. _____	
CAPACITY <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K	

Ask your Rite-Hite Representative for more details on a Planned Maintenance Program.

RITE-HITE® Dock Levelers, DUAL-DOK® Lift/Leveler, DOK-LOK® and WHEEL-LOK® vehicle restraints and SAFE-T-STRUT™ maintenance support system are covered by one or more of the following U.S. Patents: 4,379,354; 4,443,150; 4,472,099; 4,531,248; 4,560,315; 4,570,277; 4,605,353; 4,634,334; 4,692,755; 4,744,121; 4,819,770; 4,843,373; 4,865,507; 4,920,598; 4,995,130; 5,040,258; 5,111,546; 5,212,846; 5,297,921; 5,311,628; 5,323,503; 5,375,965; 5,440,772; 5,442,825; 5,453,735; 5,531,557; 5,546,623; 5,553,987; 5,582,498; 5,664,930; 5,702,223; 5,762,459; 5,882,167; 5,964,572; 6,010,297; 6,065,172; 6,070,283; 6,074,157; 6,085,375; 6,092,970; 6,106,212; 6,116,839; 6,190,109. Other U.S. and foreign patents pending.

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