

MODEL BA SAFETY BARRIER LIP AIR-POWERED DOCKLEVELER WITH PATENTED NEXT GENERATION AIR™ TECHNOLOGY



FEATURE SUMMARY

- Stay-Put™ Barrier Lip Prevents Fork Trucks From Accidental Falls at an Open Dock
- Fully Protected, Single-Chamber™ Balanced Air Bag Activation System
- Exclusive Self-Cleaning Lip Lug & Header Plate Design Ensures Maximum Strength
- Smooth Transition Continuous Fixed Rear Hinge With No Pinch, Trip or Impact Point
- Integral Lip & Deck Maintenance Supports
- Auto-Descent Lip™ Extension
- Additional Center Deck Support
- Full Width Plated Front & Rear Hinge Rods
- Dual Side 33% Deck to Beam Weld Pattern
- Six Solid Steel Rear Frame Supports
- Full Range Telescoping Side Guards
- Self-Contained Easy Access 120 Volt Fan Motor
- Single Push Button Activation
- 16" Lip, (18" & 20" Available)
- Security Night Locks
- Two Heavy-Duty Dock Bumpers Included

DESCRIPTION

The AIRDOCK® BARRIER Series of air powered dock levelers is the smart choice for the most demanding loading docks to receive the absolute best long term return on investment available. The patented lifting system utilizes a revolutionary **Protected Single-Chamber™** balanced air bag and **Pull-Action™** design reduces parts and friction while allowing easy inspection and access to the deck assembly. The **Stay-Put™** barrier lip enhances the overall safety of the product by preventing a fork truck from accidentally traveling off an open dock. The self-contained design provides **easy handling & installation** with a fully protected bag and a lift system that does not contact the floor of the pit. Available in capacity ratings from 30,000 to 60,000 pounds in increments of 10,000 pounds, and standard nominal platform sizes of 6, 6.5 & 7 feet wide x 6, 8 & 10 feet long Standard features include full operating range telescoping side guards, night security locks, integral lip and deck maintenance supports, safety black & yellow side skirt labels, and two heavy-duty dock bumpers.

OPERATION

While stored, the barrier lip is automatically positioned above the deck of the leveler. The operator presses the control button until the deck is fully raised. Releasing the button activates the **Auto-Descent Lip™** system that extends the lip as the deck lowers placing it smoothly onto the truck bed. The leveler will float up and down and side to side with the truck during loading to maintain lip contact at all times. To store the dock leveler, the operator presses the control button activating the lift system allowing the lip to automatically retract to a pendant position, releasing the button deactivates the air power to store the leveler in a fully supported position with the deck level with the building floor and the lip extending above the deck. The standard 16" lip will extend out 11" beyond a 4" bumper and engage a truck 12" above and below building floor level. Note: Longer lip option reduces above dock service range.

CONSTRUCTION

Unitized platform structure with dual side **33% beam to deck weld pattern** and continuous welds at the beam to header plate and lugs for maximum strength. The deck plate, lip plate and beams are constructed from high-tensile steel and safety tread top running surface. The deck support structure includes dual flange style beams, **center deck support** and welded side guards for superior strength. The frame has four upright, two forward supports and a fixed **continuous smooth transition rear hinge** to eliminate pinch, trip or impact point. A security lock system prevents illegal building entry when the overhead door is closed. Full width **zinc plated** front & rear hinge rods are constructed from SAE 1045 superior shaft and factory coated with anti-seize lubricant. A single NEMA 4 push-button control operates the 120-Volt fan motor.

WARRANTY

Nordock guarantees that the AD Model of air-powered dock levelers will perform as described and to the full satisfaction of the purchaser for one-year from date of receipt or Nordock will repair, replace or remove the product and refund the purchase price. In addition, the front and rear hinge assemblies are guaranteed, under specified guidelines, for a period of **Twenty-Years**, and the deck lip and frame for **Ten-Years**. The lifting assembly including bag, fan motor, housing and all fittings are guaranteed for **Five-Years**.

OPTIONS

- Self Forming Pour in Pan
- Brush Weather Seals
- 18" or 20" Long Lip
- Air-Stop™ Emergency Control
- Zinc Plated Lifting Pans
- Spray Zinc Deck, Lip & Frame
- Foam Insulated Deck

ACCESSORIES

- TRUCK-LOCK® Vehicle Restraint Systems
- WEARTOUGH™ Dock Seals & Shelters
- FALL-STOP™ Safety Barrier Gates
- Loading Dock Lights
- Steel Spring & Steel Face Dock Bumpers
- Logi-Smart™ Integrated Control Systems

MODELS & NOMINAL DIMENSIONS

Model*	Width	Length
BA-66	6'0"	6'0"
BA-68	6'0"	8'0"
BA-610	6'0"	10'0"
BA-6.58	6'6"	8'0"
BA-6.510	6'6"	10'0"
BA-76	7'0"	6'0"
BA-78	7'0"	8'0"
BA-710	7'0"	10'0"

* Add capacity required Example: BA-68-40

* Nordock Inc. reserves the right to make changes to specifications without notice or obligation.

* Airdock® dock levelers are covered by U.S Patent No. 7,162,762 & International PCT No. PCT/IB2007/003396