

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

MODEL CA AIR-POWERED DOCKLEVELER
WITH PATENTED NEXT GENERATION AIR™ TECHNOLOGY



FEATURE SUMMARY

- Fully Protected, Single-Chamber™ Balanced Air Bag Activation System
- Heavy-Duty Piano Style Front Hinge Design
- Smooth Transition Fixed Rear Hinge With No Pinch, Trip or Impact Point
- Integral Maintenance Support
- Auto-Descent Lip™ Extension
- Full Width 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® Series of air powered dock levelers are equipped with all the standard performance features needed to deliver the best return on investment. 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. 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 25,000 to 45,000 pounds in increments of 5,000 pounds, and standard nominal platform sizes of 6 & 7 feet wide x 6 & 8 feet long. Standard features include full operating range telescoping side guards, night security locks, integral maintenance support, safety black & yellow side skirt labels, and two heavy-duty dock bumpers.

OPERATION

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 that activates 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 level with the building floor. 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 header plate and hinge tubes for superior strength. The deck plate, lip plate and beams are constructed from high-tensile steel and safety tread top running surface. The frame has four upright and two forward supports with a **fixed rear hinge** connection to eliminate pinch, trip or impact. A security lock system is provided to prevent illegal building entry when the overhead door is closed. Full width front and rear hinge rods are constructed of SAE 1045 superior shaft and are factory coated with anti-seize lubricant. A single NEMA 4 push-button control operates the 120-Volt fan motor.

WARRANTY

Nordock guarantees that the CA 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. Consult your Nordock representative for assistance in choosing the correct capacity and options for your application.

OPTIONS

- Self Forming Pour in Pan
- 18" or 20" Long Lip
- Grease Fittings in Front Hinge
- Zinc Plated Hinge Rods
- Zinc Plated Lifting Pans
- Spray Zinc Deck, Lip & Frame
- Foam Insulated Deck
- Center Deck Support*

*Required when three wheel forklifts are used.

ACCESSORIES

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

MODELS & NOMINAL DIMENSIONS

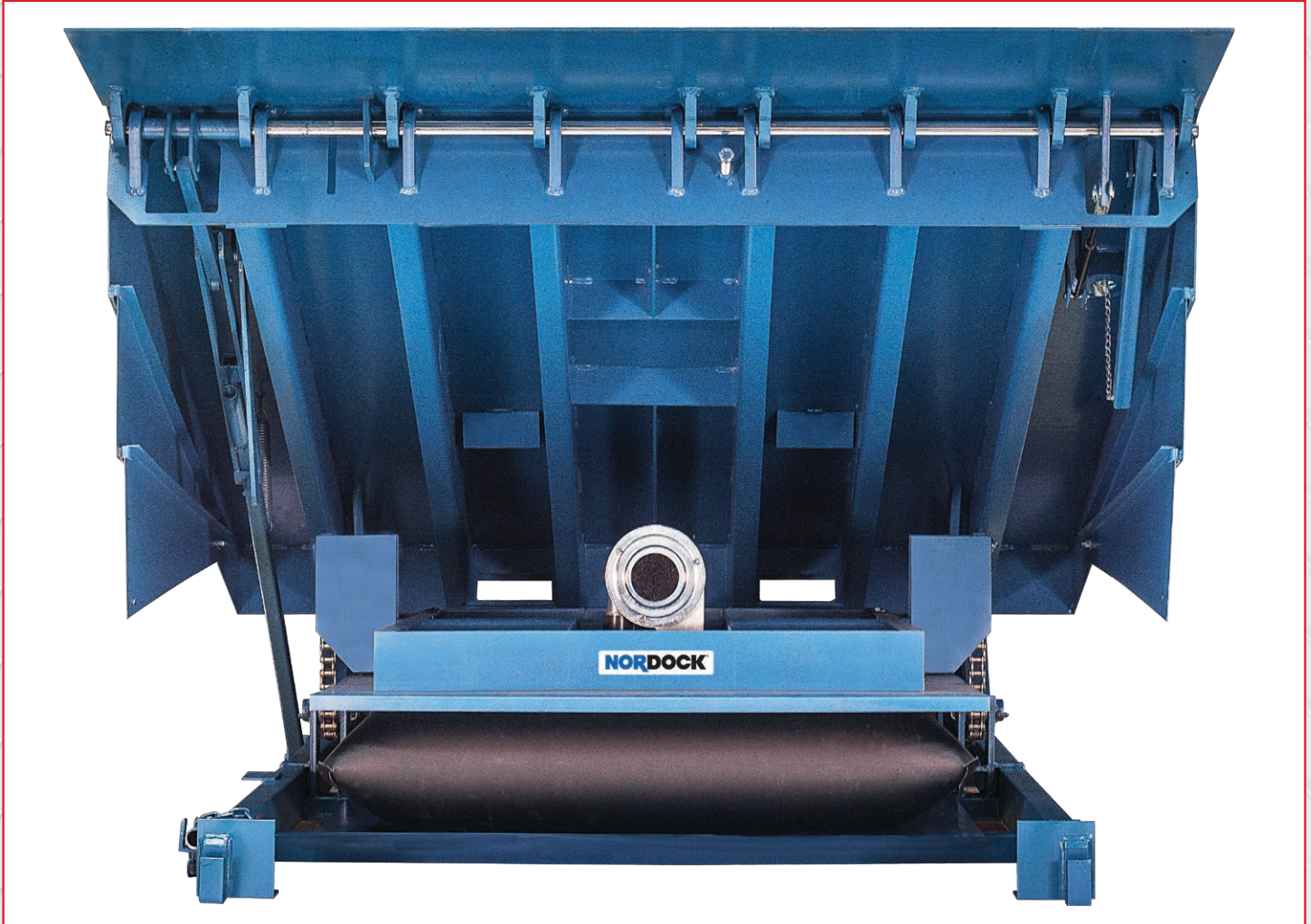
Model*	Width	Length
CA-66	6'0"	6'0"
CA-68	6'0"	8'0"
CA-78	7'0"	8'0"

*Add capacity to model from 25,000 to 45,000 Pounds. Example: CA-68-35

* 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

**MODEL AD AIR-POWERED DOCKLEVELER WITH PATENTED
NEXT-GENERATION-AIR™ TECHNOLOGY**



FEATURE SUMMARY

- Fully Protected, Single-Chamber™ Balanced Air Bag Activation System With Full Deck Access
- Patented 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 Y-Lip™ Fully Yieldable Extension System
- Additional Center Deck Support
- Self-Contained Easy Access 120 Volt Fan Motor
- Single Push Button Activation
- 16" Long Lip, (18" & 20" Available)
- Security Night Locks
- Full Width Zinc Plated Front & Rear Hinge Rods
- Dual Side 33% Deck to Beam Weld Pattern
- Six Solid Steel Rear Frame Supports
- Full Range Telescoping Side Guards

Dedicated People ~ Superior Products

MODEL AD AIR-POWERED DOCKLEVELER WITH PATENTED NEXT-GENERATION-AIR™ TECHNOLOGY

DESCRIPTION

The AIRDOCK® Series of air powered dock levelers are the smart choice for the most demanding loading docks delivering the 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 self-contained design provides easy handling & installation with a fully protected bag and lift system that does not contact the floor of the pit. Available in capacity ratings from 25,000 to 50,000 pounds in increments of 5,000 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 with LOTO, safety black & yellow side skirt labels, and two heavy-duty laminated rubber dock bumpers.

OPERATION

The operator presses the control button until the deck is fully raised. Releasing the button initiates the Auto-Descent Y-Lip™ system extending the lip as the deck lowers placing it smoothly on to the truck bed. In the event there is interference during lip extension the Y-Lip™ prevents damage to the mechanism by unlocking and allowing the lip to retract. The leveler will float up and down and side to side with the truck during loading to maintain lip contact at all times.

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 55,000 PSI-yield 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.

MODELS & NOMINAL DIMENSIONS

Model*	Width	Length
• AD-66	6'0"	6'0"
• AD-68	6'0"	8'0"
• AD-610	6'0"	10'0"
• AD-6.56	6'6"	6'0"
• AD-6.58	6'6"	8'0"
• AD-6.510	6'6"	10'0"
• AD-76	7'0"	6'0"
• AD-78	7'0"	8'0"
• AD-710	7'0"	10'0"

*Add capacity required Example: AD-68-35

OPTIONS & ACCESSORIES



**SMART-HOOK® & TRUCK-LOCK®
VEHICLE RESTRAINTS**



**LOGI-SMART™ INTEGRATED
CONTROL PANEL**



**IMPACT™ SERIES
DOCK BUMPERs**



**WEARTOUGH®
DOCK SEALS & SHELTERS**

ADDITIONAL OPTIONS & ACCESSORIES

- FALL-STOP™ Safety Barrier Gates
- Self Forming Pour in Pan
- Brush Weather Seals
- Foam Insulated Deck
- Spray Zinc Deck, Lip & Frame
- Loading Dock Lights

Contact a sales representative at **1-866-885-4276** or email sales@nordockinc.com for more information.

Visit us online at www.nordockinc.com to see a full line-up of innovative loading dock products.



WARRANTIES

20 Full Width
Rear Hinge
YEAR

10 Structural
YEAR

5 Lift Mechanism
YEAR

MODEL SA 60,000 POUND CAPACITY AIR-POWERED DOCKLEVELER WITH PATENTED NEXT GENERATION AIR™ TECHNOLOGY



THE STRONGEST AIR-POWERED DOCKLEVELER EVER BUILT

FEATURE SUMMARY

- 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
- Full Width Plated Front & Rear Hinge Rods
- Wide Flange Structural Deck Beams
- 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 Super-Duty™ AIRDOCK® 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 60,000-pound capacity rating is higher than any previous industry offering in an air-powered leveler, a true testament to the superior design. 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. Nominal platform sizes available include 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 maintenance supports, safety black & yellow side skirt labels, and two heavy-duty dock bumpers.

OPERATION

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 that activates 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 level with the building floor. 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 options & 6' long models have reduced above dock service range.

CONSTRUCTION

Unitized platform structure with dual side **33% beam to deck weld pattern** and continuous welds at the beams 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 wide flange style beams and welded side guards that provide additional platform 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 is provided to prevent illegal building entry when the overhead door is closed. Full width **zinc plated** rear hinge rod and **hard chrome plated** front hinge rod are both factory coated with anti-seize lubricant. A single NEMA 4 push-button control operates the 120-Volt fan motor.

WARRANTY

Nordock guarantees that the SA 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
- AIR-STOP™ Safety System
- Foam Insulated Deck
- Spray Zinc Deck, Lip & Frame
- 80,000 Pound Capacity – Consult Factory

ACCESSORIES

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

MODELS & NOMINAL DIMENSIONS

Model	Width	Length
SA-66-60	6'0"	6'0"
SA-68-60	6'0"	8'0"
SA-610-60	6'0"	10'0"
SA-6.58-60	6'6"	8'0"
SA-6.510-60	6'6"	10'0"
SA-76-60	7'0"	6'0"
SA-78-60	7'0"	8'0"
SA-710-60	7'0"	10'0"

* 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

AIRDOCK®

NEXT GENERATION AIR™ TECHNOLOGY

THE EVOLUTION OF AIR

AIRDOCK®

AIR POWERED DOCK LEVELER FOR OPTIMUM LOADING DOCK PERFORMANCE

NORDOCK® advances loading dock efficiency with patented Next Generation Air technology that is truly revolutionary. AIRDOCK® levelers are easy to install, operated by push button, and come with unmatched strength, standard features and comprehensive warranties that set a higher standard of excellence.

PROTECTED SINGLE-CHAMBER™ BALANCED AIR BAG DESIGN

The reinforced PVC coated single chamber balanced air bag is protected over 99% of the time from environmental contamination. The Single-Chamber balanced design reduces material, redundant air chambers and unwanted seams which eliminates friction.



PULL-ACTION™ LIFTING SYSTEM

The patented Pull-Action lifting system maximizes efficiency by using the entire power of the bag to lift the deck. Increased efficiency means less bags, seams, travel and cycle time resulting in long term improved performance. The compact and open design allows for easy inspection of all working components including the deck that saves time and improves safety.

AUTO-DESCENT LIP™ EXTENSION

The Auto-Descent Lip extension uses the natural weight of the deck to activate the lip, unlike higher maintenance flip lip designs that compromise available lifting power.



Capacities from 25,000 to 60,000 lbs

Auto-Descent Lip extension

Self cleaning lip hinge

Wide flange structural deck beams with 33% beam to deck weld pattern and continuous welds at the header plate and lugs

Structural welded lifting pans



Super-Duty Series™ 60,000 lb. capacity

Security night locks

Rear pockets for easy forklift handling

Easy clean-out frame design

Self contained easy access 120 volt fan motor.

AIR-STOP™ Deck Control (optional)

Continuous fixed rear hinge with no pinch, trip or impact points

Open deck allows for easy inspection

Full width plated front & rear hinge rods

Deck and lip maintenance supports

Full range telescoping side guards

6 Solid steel rear frame supports for rear hinge

Fully protected single chamber Air bag activation System

EASY TO INSTALL

The AIRDOCK® is a self-contained system with the airbag safely stored away from forklift contact. The leveler is lifted from the deck through rear pockets for easy forklift handling. The no damage shipping design keeps the fan motor and lift system entirely safe during forklift handling.



WARRANTIES*

5 YEAR Lift Mechanism

20 YEAR Exclusive Lip Lug And Header Plate

20 YEAR Full Width Rear Hinge

10 YEAR Structural

*Applies to most models

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

FOUR MODELS TO CHOOSE FROM

Super-Duty Series™



The strongest air powered leveler ever built.

60,000 lb. capacity.

Industrial Series™



The smart choice for the most demanding loading dock applications.

Available from 25,000 to 50,000 lb. capacities

Constructor Series™



Designed for safe, reliable performance.

Available from 25,000 - 45,000 lb. capacities

One-year warranty

Barrier Series™



For improved dock efficiency and safety.

Available in 30,000-60,000 lb. capacities

Stay-Put™ Barrier Lip prevents fork trucks from accidental falls at an open dock