

## 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.

# NORDOCK® INC.

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

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