

# Series DR-ABD

air bag dock leveler

I.V.

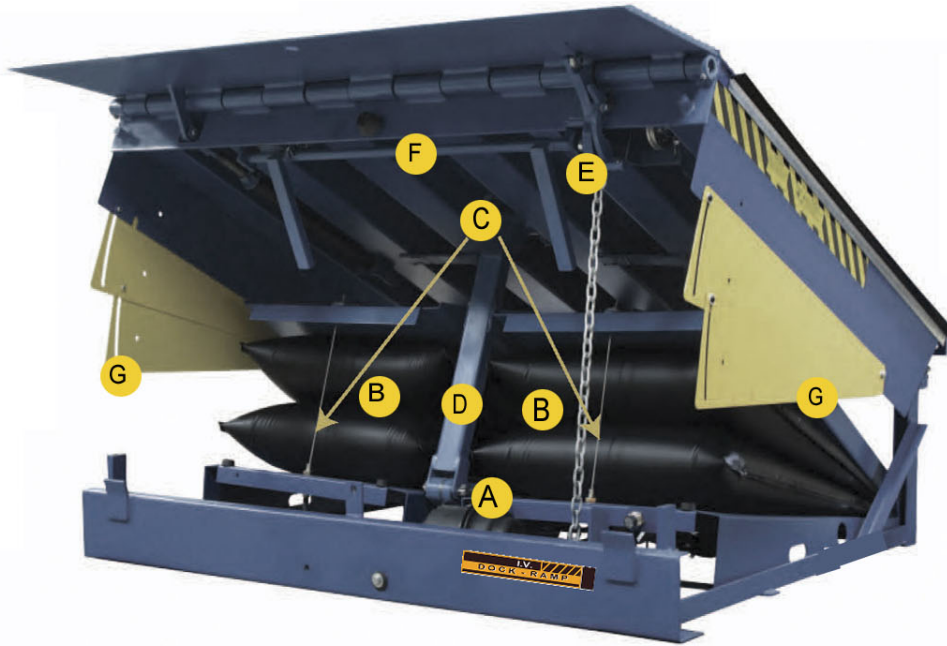
DOCK - RAMP

## The Power of Air

Available in rated capacities of  
**30,000, 35,000, 40,000 et 45,000 lbs.**  
(13,636, 15,909, 18,144 et 20,454 kg)

### STANDARD FEATURES

- A** Blower Motor: Activates the leveler by delivering air on demand
- B** Heavy-duty Air Bags: Damage-resistant and reliable performance in all temperature conditions
- C** Aircraft Cables: Raise the deck by pulling on the roller arm
- D** Roller Arm: Raises the deck once activated by the aircraft cables
- E** Lip Deployment Mechanism: Enables smooth lip deployment



### SAFETY FEATURES

- F** Mechanical Fall-safe Legs: Limit platform free-fall
- G** Safety Skirts: Eliminate pinch points and crush hazards

The I.V. DOCK-RAMP-Series DR-ABD air bag dock leveler combines our advanced, environmentally friendly air lifting system with the durable structural design that's made us a global leader in the design, manufacture, and distribution of loading dock systems.

### Easy to Operate

The DR-ABD-Series air bag dock leveler comes standard with a NEMA4X / IP65 rated single push button control for sequenced deck and lip operation. When activated, the air bag inflates, raising the deck. When the button is released, the bag deflates, allowing the deck to lower smoothly onto the trailer bed.

### Structural Integrity

A minimum of six heavy-duty U-beam channels are welded to the underside of the deck at dynamic impact points, preventing 'dishing' and extending the life of the dock leveler. For more demanding applications, the standard fixed rear hinge design can be advanced to assured motion float, a 4" (101mm) maintained deck tilt that allows the dock leveler to withstand heavier usage without experiencing deck fatigue.

### The Power of Air

The high-volume, low-pressure air lifting system is an environmentally friendly alternative to oil-powered hydraulics. The air bag can operate in extreme temperature conditions and withstand pressure without over-inflating. Its polyvinylchloride-coated polyester fibres make the bag resistant to chemical or puncture damage. It can be interlocked with the electric vehicle restraint to build a 'green' loading dock solution.

### Designed with Safety in Mind

The air bag dock leveler operates safely and efficiently under the toughest conditions: temperature extremes, heavy usage, and exposure to caustic substances. The deck flexes under load to allow a smooth cross-docking transition, minimizing the risk of worker injury and cargo or equipment damage. The fall-safe system provides additional protection by limiting platform free-fall.



[www.ivdock-ramp.ca](http://www.ivdock-ramp.ca)

# Air Bag Dock Leveler Series DR-ABD



## SPECIFICATIONS

Air Bag Dock Leveler Model DR-ABD \_\_\_\_\_ 30/35/40/45 (specify size and capacity) with Robust Inflatable Bag as supplied by DOCK-RAMP.

MODEL	Nominal Deck Size		Pit Size			CAPACITY
	Width	Length with 16" (406 mm) lip	Width	Length	Depth	
DRABD66	6' (1829mm)	75.5" (1915mm)	74" (1880mm)	61.25" (1556mm)	23.5" (597mm) Arrière	30,000 LBS.
DRABD68	6' (1829mm)	99.5" (2525mm)	74" (1880mm)	85.25" (2165mm)		
DRABD6.56	6'6" (1981 mm)	75.5" (1915mm)	80" (2032mm)	61.25" (1556mm)	24" (610mm) Avant	40,000 LBS.
DRABD6.58	6'6" (1981 mm)	99.5" (2525mm)	80" (2032mm)	85.25" (2165mm)		
DRABD76	7' (2134mm)	75.5" (1915mm)	85" (2159mm)	61.25" (1556mm)		45,000 LBS.
DRABD78	7' (2134mm)	99.5" (2525mm)	85" (2159mm)	85.25" (2165mm)		

## TYPE

Recessed, pit installed hinged dock leveler. Electro-pneumatic operated.

## FUNCTION

Vertical Travel: Working range of 12" (305mm) above and 12" (305mm) below dock level. Automatic Vertical Compensation: Unit provides float of 12" (305mm) above and 12" (305mm) below dock level. Automatic Lateral Compensation: Leveler shall have deck flex up to 4" to compensate for non-level trailer beds. Rear hinge fixed and does not come up above floor level. Lip Operation: Mechanically operated lip that automatically extends and locks into position.

Lip will yield under impact of incoming truck and will automatically drop pendant upon truck's departure. The length of the lip extension shall not be less than 16" (406mm) from the ramp edge.

## OPERATION

Easy to operate and smooth cycling. Airbags inflate and deflate, raising and lowering the dock leveler. Unit is controlled by a remote single push button control station. Includes means of lowering the dock leveler below platform level with lip retracted behind dock bumpers. Mechanical fall safe legs limit free fall and below level lip control is available for end-loading. Unit shall come complete with a 115 or 230 VAC single phase blower motor. Air power pack is pit-mounted.

Push-button control station: Unit is operated via a single push button control station with constant pressure "I" (UP) button. Control station is NEMA4X/IP65 rated, 3 1/4"W x 6 1/2"H x 5 1/8"D (83 x 165 x 130mm) in size.

## RATED CAPACITY

Welding procedure compliant with A.W.S.01.198 specifications. All units rated in compliance with AN SI. Standard capacities available 30,000 lbs to 45,000 lbs (13,363kg to 20,454 kg). Structural deck support to include Minimum six 10 gauge formed rectangular beams, 6" (152mm) wide x full length.

NOTE:  
I.V. DOCK-RAMP offers a full line of Dock Levelers, Dock Safety Equipment, Accessories, Ergonomic and Scissor Lift Equipment. Concurrent with our continuing product improvement program, specifications are subject to change without notice.

Please contact your I.V. DOCK-RAMP dealer for latest information.  
\*Some features illustrated may be optional in certain market areas.

## SAFETY DEVICES

- . Full range metal toe guard protection\*
- . Mechanical fall safe legs to limit free fall \*
- . Cross traffic support - lip engaged in saddles
- . Corner safety stops
- . V-Grooved safety maintenance strut, integral to unit . Beveled lip.

## FINISH AND COLOUR

Toe guards painted safety yellow as specified by ANSI Z535.1. Remainder of unit painted battleship gray. High visibility OSHA safety striping on stationary side toe guards,

## WARRANTY

Standard five-year structural and one-year parts and labour from date of shipment. All warranties are subject to standard limitations on liability. Consult dealer for full warranty details.

## STANDARD ACCESSORIES

- . Night Locks
- . Two laminated bumpers 14" W x 10"H x 4.5"

## OPTIONAL ACCESSORIES

- . Side and rear rubber style or nylon brush style weather seals.
- . 18" (457mm) long lip.
- . Pour-in-pan (dock leveler welded to a steel pan, allowing it to be "poured in place" after concrete slab is poured).
- . Curb angle set.

Manufactured in Canada Exclusively for:

**Équipement I V Equipment**  
Inc.  
Montreal, Quebec, Canada

Authorized dealer: