

# U-Series Air Cylinder Dock Leveler

# BLUE GIANT®

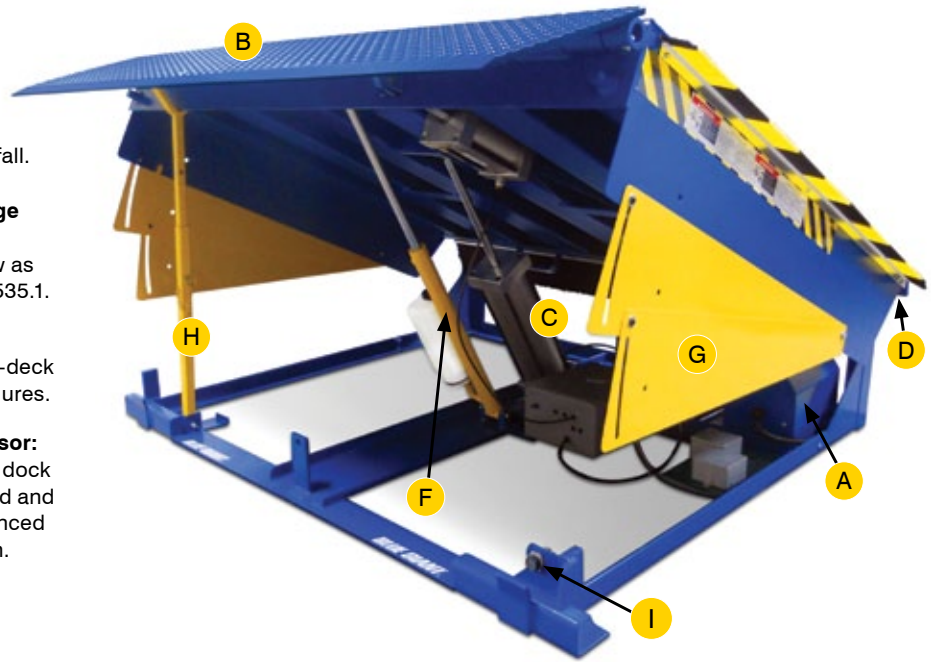
Discover the Power of Air  
with the Air Cylinder Dock Leveler.

## STANDARD FEATURES

- A Air Compressor:**  
Tankless and oil-free.  
Delivers air on demand  
for smooth and steady  
performance.
- B Air-Powered Lip  
Cylinder:** Independent lip  
control for fast cycle time.
- C Air-Powered Lifting  
Cylinder:**  
Uses the power of air for  
safe and efficient deck  
deployment.
- D Fixed Rear Hinge:**  
Lets the deck flex up to 4"  
(101 mm) under load. May  
be upgraded to Assured  
Motion Float, a 4" (101  
mm) maintained deck tilt.
- E Blue Genius™ Gold  
Series I Touch Control  
Panel** ensures safe and  
efficient operation of the  
dock leveler. LED control  
station lights advise  
dock personnel of safety  
conditions during loading  
and unloading.

## SAFETY FEATURES

- F Fluid Velocity Fuse:**  
Limits platform free-fall.
- G Full Operating Range  
Metal Toe Guards:**  
Painted safety yellow as  
specified by ANSI Z535.1.
- H Maintenance Strut:**  
Supports safe under-deck  
maintenance procedures.
- I Home Position Sensor:**  
Advises whether the dock  
is parked or deployed and  
ensures safe, sequenced  
equipment operation.



Available in  
**30,000, 35,000, 40,000 and 45,000 lb**  
(13,636, 15,909, 18,144 and 20,454 kg)  
**Rated Capacities**  
*Some items displayed may be optional.*

## On-Demand Air System

- Powered by an innovative on-demand air system.
- Eco-friendly alternative to a hydraulic combination
- Decreased operating costs, reduced downtime, and increased environmental stability

## Designed with Safety in Mind

- Eliminates safety concerns commonly associated with air-powered dock levelers, such as punctured airbags and the inability to hesitate dock travel during an emergency.
- Deck flexes under load to ensure a smooth cross-docking experience.
- Fluid-based velocity fuse limits platform free-fall.

## Structural Integrity

- A minimum of six heavy-duty U-beam channels welded to the underside of the deck at dynamic impact points enable a stronger, distributed load.
- Standard fixed rear hinge can be advanced to assured motion float, a 4" (101mm) maintained deck tilt allows the dock leveler to withstand heavier usage without experiencing deck fatigue.

## Intelligent Touch Controls

- The Blue Genius™ Gold Series I Touch Control Panel has flat-surface touch buttons and a keypad for easy management of all dock operations.
- LCD screen delivers operational, diagnostic, and troubleshooting messages in real-time.
- STOP button on control station halts the dock in mid-travel during an emergency condition.
- LED red / yellow / green control station lights send safety signals to dock personnel.

## Options:

- 18" (457mm) and 20" (508mm) lips
- Pour-in pan
- Clean pit frame
- Three-wheel forklift center deck support
- Overhead door interlock photo sensor (24VDC)
- Brush and rubber weather seals
- Security code for dock equipment functions (i.e. code required to engage or release the restraint)

# The Blue Giant Advantage

## Assured Motion Float



For high-volume operations with more demanding usage levels, Blue Giant offers assured motion float, a 4" (101 mm) maintained deck tilt, as an optional alternative to the standard fixed rear hinge.

### The Benefits of Assured Motion Float:

- Enables full-width contact between lip and truck bed, preventing damage to cargo and injury to forklift drivers.
- Dock leveler can accommodate heavier loads without experiencing deck fatigue, reducing maintenance requirements and prolonging the working life of the leveler.
- When in the parked position, the dock leveler is flush with the floor, eliminating trip hazards and cross-traffic obstructions.

## DLB Series: Dock Lip Barrier



Designed to withstand up to 15,000 lb (6,804 kg) load impact at 5mph, the StrongArm™ Dock Lip Barrier is your line of defense to prevent accidental forklift roll-off when the overhead door is open and no trailer is stationed at the dock. When in the stored position, the StrongArm™ Dock Lip Barrier extends 5" (127mm) above the cross traffic position providing an active, full dock width solid steel barrier.

## Seals and Shelters



Blue Giant dock seals and shelters protect personnel and cargo from the elements, improve hygiene and safety levels by keeping debris out, and save hundreds of dollars in reduced energy costs. Available models include compression seals and rigid soft-sided, retractable, and inflatable shelters. Custom sizes and fabric colors available.

**BLUE GIANT**  
BLUE GIANT EQUIPMENT CORPORATION

**Corporate** 85 Heart Lake Road South  
Brampton, ON, Canada L6W 3K2  
t 905.457.3900 f 905.457.2313

**USA** 6350 Burnt Poplar Road  
Greensboro, NC 27409  
[www.BlueGiant.com](http://www.BlueGiant.com)

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Blue Giant offers a full line of dock levelers, dock safety equipment, seals and shelters, accessories, ergonomic and scissor lift equipment and industrial trucks. Concurrent with our continuing product improvement program, specifications are subject to change without notice. Please contact Blue Giant for latest information. Some features illustrated may be optional in certain market areas.