

The Power of Air

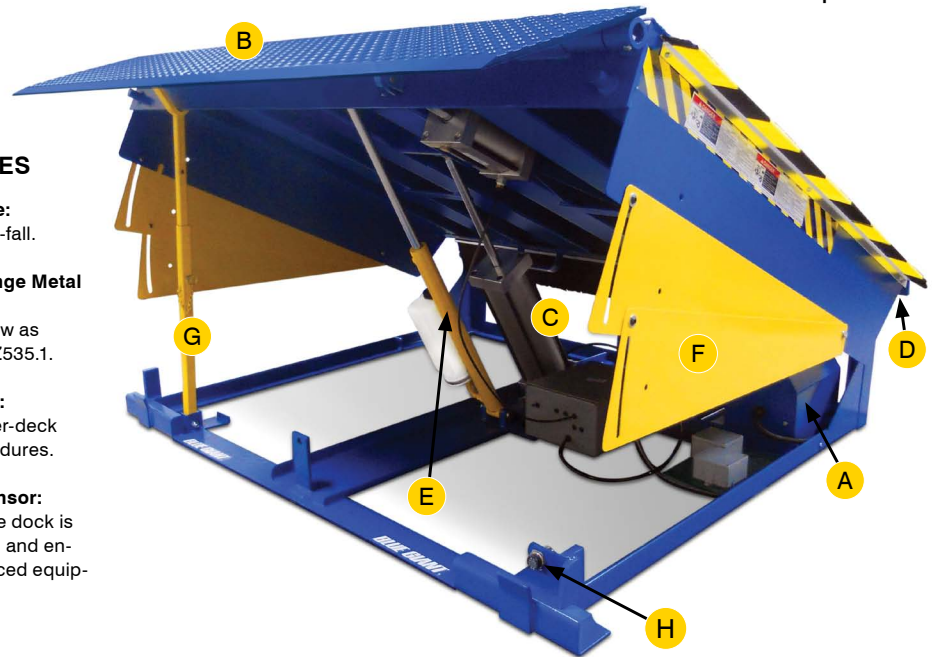
Available in
30,000, 35,000, 40,000 and 45,000 lb
(13,636, 15,909, 18,144 and 20,454 kg)
Rated Capacities

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.

SAFETY FEATURES

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



Some items displayed may be optional.

The **U-Series Air Cylinder Dock Leveler** from Blue Giant is **technologically innovative** and an **industry first**. This groundbreaking new dock product uses the power of air to deliver the same optimum performance that makes Blue Giant dock levelers an industry standard.

On-Demand Air System

The U-Series Air Cylinder Dock Leveler's unique design radically changes the industry standard for air-actuated dock equipment. Powered by a tankless, oil-free compressor, it delivers the traditional advantages of an airbag dock leveler: clean performance, reduced operating cost, and fewer moving parts. But enhanced safety features and independent lip control give the Air Cylinder Dock Leveler the reliability of a hydraulic dock...without the oil.

Designed with Safety in Mind

Blue Giant's air cylinder lifting technology eliminates safety concerns associated with airbag dock levelers: punctured air bags and inability to halt dock deployment during an emergency. The deck flexes under load to allow a smooth cross-docking transition, minimizing the risk of worker injury and cargo or equipment damage. A fluid-based velocity fuse limits platform free-fall.

Intelligent Touch Controls

The U-Series Air Cylinder Dock Leveler comes standard with the popular Blue Genius™ Gold Series I Touch Control Panel. This advanced control station's LCD menu screen displays clear instructions for operating and troubleshooting the dock leveler via touch-sensitive buttons. A STOP button freezes the dock in mid-travel should an emergency arise.

Structural Integrity

A minimum of six heavy-duty U-beam channels are welded to the underside of the deck at dynamic impact points, enabling a stronger distributed load. For more demanding applications, the standard fixed rear hinge design can be advanced to assured motion float, a 4" (101 mm) maintained deck tilt that allows the dock leveler to withstand heavier usage without experiencing deck fatigue. A powerful dock system that only needs air to keep productivity and safety at optimum levels.



U-Series

air cylinder dock leveler

ADVANCE to the NEXT LEVEL

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 floating action enables full-width contact between the lip and truck bed, preventing damage to forklift tires and cargo as well as lessening the jarring motion that can cause back and neck injury to forklift drivers.

With assured motion float, the 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 concerns associated with trip hazard and cross-traffic obstructions.

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.

DLB SERIES: DOCK LIP BARRIER

Designed to withstand up to 15,000 lbs (6,804 kgs) 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" (127 mm) above the cross traffic position providing an active, full dock width solid steel barrier.



ALSO AVAILABLE

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

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BLUE GIANT EQUIPMENT CORPORATION



AUTHORIZED DISTRIBUTOR

BLUE GIANT offers a full line of dock levelers, dock safety equipment, 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.