

# Vertical VS Series

u-series dock leveler

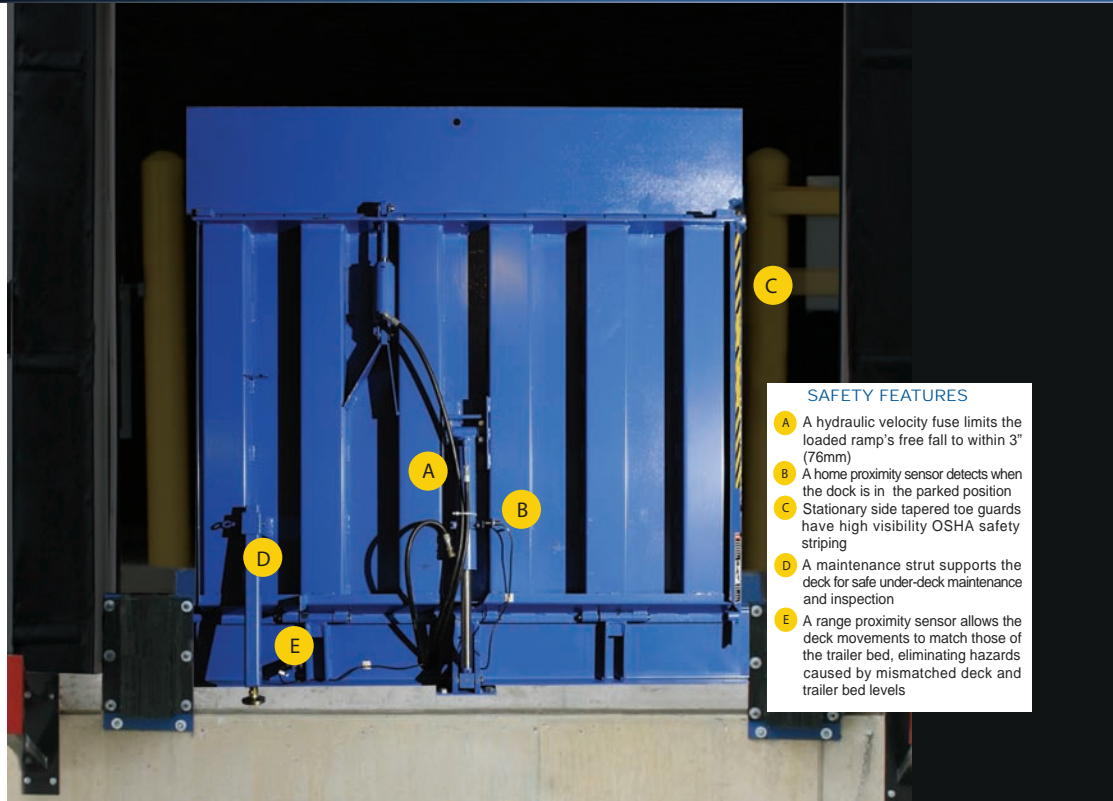
# BLUE GIANT®

## Maximize Your Options At The Loading Dock



Available in  
30,000, 35,000, 40,000 lb, and 45,000lb  
(13,636, 15,909, 18,144 kg, and 20,455kg)  
Rated Capacities

ANSI MH30.1(2007) Approved



### SAFETY FEATURES

- A** A hydraulic velocity fuse limits the loaded ramp's free fall to within 3" (76mm)
- B** A home proximity sensor detects when the dock is in the parked position
- C** Stationary side tapered toe guards have high visibility OSHA safety striping
- D** A maintenance strut supports the deck for safe under-deck maintenance and inspection
- E** A range proximity sensor allows the deck movements to match those of the trailer bed, eliminating hazards caused by mismatched deck and trailer bed levels

The Blue Giant U-Series vertical storage dock leveler is the perfect loading dock solution for facilities and applications that require strict climate control or high cleanliness levels. It improves internal temperature control, reduces the risk of door damage, and minimizes debris entry.

### Easy to Operate

The U-Series vertical storage dock leveler is controlled by the **Blue Genius™ Gold Series I Dock Control Panel**, with an interior and exterior LED lights communication system available as an option.

Operating range is up to 12" (305mm) above and 6" (305mm) below dock level. The unit comes complete with a 1HP, Totally Enclosed Non-Ventilated (TENV) power pack system.

### 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. The continuous one-piece headboard intensifies the strength of the deck's front structure. A single lip hinge pin enables a stronger distributed load.

### Deck Flex Advantage

Ideal for normal loading conditions, the fixed rear hinge design allows the deck to flex up to 4" (101mm) when under load to ensure full-width contact between the lip and the truck bed. The hinge remains flush with the floor to eliminate pinch points and cross traffic obstruction.

### Advanced Dock Safety

3" (76mm) high run-off guards protect warehouse traffic from accidentally driving off the side of the deck. The hydraulic velocity fuse limits platform free fall to within 3" (76mm) in the event of a hydraulic line rupture or unscheduled truck departure. Additional features are depicted above.



The Vertical Storing Dock Leveler increases security and safety while reducing energy loss and preventing overhead door damage.



Studies have shown that when pit levelers are used for cold storage applications, companies **lose an average of one ton of refrigerated air per dock door per year**. The vertical storing dock leveler reduces energy loss via its 'drive-thru' application: refrigerated trailers pull directly up to the loading dock and open their doors into the building, creating an energy efficient seal that also keeps out the elements and deters theft.

Because vertical storing dock levelers permit overhead doors to be completely closed when not in use, workplace cleanliness and security levels are greatly improved.

## ADVANCE to the NEXT LEVEL

### BLUE GENIUS™ COMBINATION CONTROLS



- A Multi-language LCD Screen:** Provides real-time, easily understood instructions for operation, diagnostics, and maintenance.
- B LED Interior Lights:** Advises warehouse staff of safety conditions at the loading dock.
- C Touch Keypad:** Enables supervisory override and security features.
- D Touch Control Buttons:** Controls the operation of both dock leveler and vehicle restraint.
- E Stop Button:** Provides complete motion freeze of the unit in the event of an emergency.

Intelligent dock control is now available at the touch of a finger....

The **Blue Genius™ Gold Series III Combination Control Panel** with advanced microprocessor technology improves both productivity and dock safety via a clear onboard communication system, fast-acting touch buttons, and a supervisory keypad lockout and override function. It enables the properly sequenced operation of a hydraulic dock leveler and vehicle restraint combination.

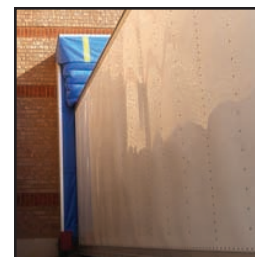
The Blue Genius™ detects finger proximity through the insulated panel's surface without direct electrical contact with electrode metal, removing the problems associated with wear, corrosion, and contamination. Maintenance issues surrounding mechanical buttons, such as breakage, are eliminated completely.

The Blue Genius™ software offers intelligent programmable menu options and is easy to upgrade.

### INCREASED SAFETY AND PERFORMANCE OPTIONS



**Blue Giant hydraulic vehicle restraints** hold trucks securely at the loading dock, improving safety levels during cargo handling operations. Our models are low-profile, have a wide restraining range, and can engage a wide variety of ICC bars, including those that are bent or damaged.



**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 colours available.

#### ALSO AVAILABLE:

- 18" (457mm) and 20" (508mm) lips
- Environmentally friendly biodegradable oil
- Hot dipped galvanizing (deck and rear frame)
- Stainless steel lip and rear hinge pins
- Three wheel forklift center deck support



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AUTHORIZED DISTRIBUTOR

### BLUE GIANT EQUIPMENT CORPORATION

BLUE GIANT offers a full line of Loading Dock Equipment including Dock Levelers, Vehicle Restraints, Dock Seals and Shelters and Material Handling Solutions. 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.