

A-Series Dock Levelers

hydraulic and mechanical models

BLUE GIANT®



Dock Leveler Systems For Demanding Applications

Drivers do back into loading docks unevenly. Loading aprons have slopes. And trailers arrive and depart with uneven load distribution. With these daily occurrences the dynamic force of loaded forklifts will be constantly pounding your dock leveler ramp. The result is a dished or damaged dock leveler, unless you have chosen BLUE GIANT.

Maintaining structural integrity is what Blue Giant Dock Levelers do best. Our solution is to allow the dock leveler deck to accept these stresses with our exclusive maintained deck tilt feature.

Strength is the hallmark of Blue Giant. In fact, we deliver one of the highest strength ratios in the industry with features like high tensile steel. We incorporate a minimum of 6 I-beam deck supports in all A-Series Dock Levelers. At higher capacities that increases to 8 I-beams. I-beams offer greater strength support.

Keeping in tune with a quest for product longevity, Blue Giant designed A-Series Dock Levelers to require minimal maintenance.

Hydraulic Dock Levelers FH & FHE Models

30,000 to 80,000 lb (13,636 to 36,364 kg) rated capacities

Models FH and FHE Dock Levelers are high performance systems. Push-button electro-hydraulic operation. Automatically actuated hydraulic beveled lip. Maintenance-free hydraulics. Blue Giant offers a range of safety features such as full range toe guard protection, hydraulic fall safe protection and the capability to be interlocked with our optional hydraulic truck restraint system with driver safety communications package.

- FHE model comes with rugged, wall mounted shielded single push-button control for sequenced dock operation.
- FH model comes with a Blue Genius™ Touch Control panel with printed circuit board technology, micro processor based controls and many more features providing safe, accurate operation.
- Hydraulic lip cylinders increase operating efficiency, reduce maintenance requirements.
- Velocity fuse fall safe limits free fall to within 3" (76 mm)
- Continuous duty rated hydraulic power system with high flow efficient 1 HP motor available for all electrical requirements.
- UL/CSA approved motor and controls.



Superior Quality & Features

All Models

- Deck support is provided by a minimum 6 I-beams welded at dynamic impact points. Continuous single-piece headboard increases strength across the front of the deck.
- Lip hinge is a full width design to maximize strength and to withstand the dynamic forces. Minimum of 7 rear hinge support blocks plus two corner mounted tilt pockets for a total of 9 rear hinge supports.
- BLUE GIANT Dock Levelers are designed to tilt to either side—up to 4" (102 mm)—when loaded. This floating action allows full width contact between the lip and truck bed. Prevents damage to forks, tires, steering system and load, thereby prolongs life of dock leveler bed. Unique to Blue Giant hydraulic and mechanical levelers.
- Working load range 12" (305 mm) below deck level.
- Swing-out maintenance personnel safety strut is standard on all models.
- Full range toe guards are heavy gauge steel plate and come standard in ANSI approved safety yellow.
- High visibility safety striping alerts personnel when dock leveler is in the extended position above cross traffic.
- Standard laminated bumpers (2 each) plus mechanical night locks and stops.



Mechanical Dock Levelers

M Model

30,000 to 50,000 lb (13, 636 to 22,727 kg) rated capacities

Blue Giant model M-Mechanical Dock Levelers offer excellent value. To operate, pull the release chain. Blue Giant's heavy duty lift springs do the work. The deck rises and the lip is smoothly powered out to the locked position. Simply walk the deck down onto the truck bed and begin loading. On truck departure, the lip automatically releases and lowers allowing the unit to be returned to the cross traffic position.

- Heavy duty main lift springs with lifetime warranty.
- Dependable friction type hold down system that reduces cross traffic bounce and provides instant hold at any point in the full operating range.
- Patented lip actuator. As deck rises, the lip smoothly powers out to the locked position. Releases automatically when truck departs.
- Yieldable lip safely collapses if struck while in extended position.
- Mechanical fall safe prevents platform free fall (Standard in US market).



Safety Products & Accessories

StrongArm™ SVR303 Vehicle Restraint

With the largest restraining range of 8" to 26" (203 - 660 mm) above ground and up to 12" (305 mm) from the face of the wall, the StrongArm™ SVR303 is the best low profile, non-impact vehicle restraint in the industry. MH30.3 tested and approved.



Automatic Combination Control Panel



The ultimate in dock safety and performance. A single control station for both Hydraulic Dock Leveler and Hydraulic Vehicle Restraint. Leveler operation is prevented until restraint is secured for operator safety. Standard when ordered in combination with FH Hydraulic Dock Leveler and the SVR303 Hydraulic Vehicle Restraint.

Free Standing Frame

When space limitations do not permit construction of a pit, an option is a dock leveler with its own free standing frame. Custom sizes available.



New Construction Pit Kit

Available as part of the original dock leveler or advance shipped to facilitate pit construction. (Bottom pan not supplied when ordered as a pit kit, unassembled).



XDS Series Extra Dock Safety

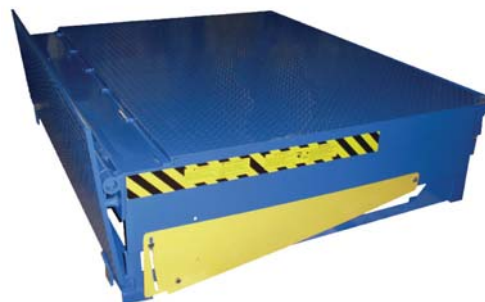


The heavy duty Dock & Door Guard is specifically designed to prevent forklift roll-off and overhead damage. Stops up to 10,000 lb (4,545 kg) rolling loads at 4 mph (6.4 km/h).

XDS3000 shown.

DLB Series Dock Lip Barrier

The StrongArm™ Dock Lip Barrier prevents accidental forklift roll-off when the overhead door is open and no trailer is stationed at the dock.



Dock Seals, Bumpers and Accessories

A complete line of products for any size door opening.

Brush and Rubber Weather Seals

Prevents debris from entering dock leveler mechanism. Reduces heating and cooling loss.



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BLUE GIANT EQUIPMENT CORPORATION



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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.