

C-Series Dock Levelers

hydraulic and mechanical models

BLUE GIANT®



Superior Quality & Features

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. Ideal for new construction applications, BLUE GIANT offers a superior solution to your dock leveler needs.

Rated Capacities

- Both the FHC and FMC Series are available in 25,000, 30,000 and 35,000 lb (11,364, 13,636 and 15,909 kg) capacities.

Deck Support

- Solid formed tensile steel channels are welded to the underside of the deck at the dynamic impact points to prevent “dishing” and provide lifetime structural integrity.

Lip Hinge

- Full width lip hinge maximizes strength.
- Continuous one-piece headboard increases the strength of the front dock structure.

Hydraulic Dock Levelers - ‘FHC’ Model

Easy to operate hydraulic system incorporates single pushbutton control for both the deck and the lip. Controls are conveniently located on one remote wall-mounted push button station and the leveler is powered by a self-contained maintenance-free power pack.

- Rugged wall-mounted remote control station has shielded push buttons for dock operation and reset. Watertight to NEMA standards.
- Hydraulic deck and lip cylinders increase operating efficiency.
- Hydraulic system includes a 1 HP motor, equipped with overload protection.
- Hydraulic circuit design requires virtually no maintenance. UL/CSA approved.
- Mechanical stops and night locks are standard.
- Velocity fuse fall safe standard.
- The deck cylinder is mounted against the headboard and the deck. This superior design means the full length of the deck is supported in the event a truck departs while the dock leveler is in use.

Toe Protection

- Full range toe guards are made of heavy gauge steel plate.
- The stationary section is fully welded to both the outside channel and the headboard for added structural strength.
- High visibility safety striping alerts personnel when dock leveler is in the extended position above cross traffic.

Fail Safe Systems

- Limits platform free fall.
- Velocity fuses for hydraulic models and mechanical fall-safe legs for mechanical models.





Maintained Tilt System

- 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 and reduces deck fatigue.
- Prevents damage to tires, steering system and load, thereby prolongs life of dock leveler bed.
- Unique to Blue Giant hydraulic and mechanical levelers.

Maintenance Strut

- Built-in safety strut is designed to protect maintenance and service personnel while unit is in the extended position.

Dock Protection

- Standard molded rubber or laminated bumpers (2 each) plus mechanical night locks and stops.

Mechanical Dock Levelers - 'FMC' Model

Easy to operate - no heavy lifting. Simply pull the release chain. The deck is driven up by heavy duty lift springs and the lip is smoothly powered out to the locked position. Dock is then "walked" down onto the truck bed. When the truck departs, the lip releases, allowing the unit to be returned to the cross traffic position.

- BLUE GIANT features a patented friction type hold down system.
- Instant hold at any point in the full operating cycle.
- Main axle is mounted on sealed bearing for trouble-free operation.
- Patented lip actuator. As deck rises, the lip smoothly powers out to the locked position. Releases automatically when truck departs.
- Cam roller fitted with sealed ball bearings to assure smooth, continuous cycling.
- Mechanical fall safe to prevent platform free fall (standard in US market).
- Positive lip-lock with automatic release.
- Heavy duty lift springs for lifetime use.
- Pivot points incorporate pre-lubricated bushings.
- Lip safely collapses if struck while in extended position.



Safety Products & Accessories

TL85 Hydraulic Vehicle Restraint System

Holds truck to loading dock securely. Hydraulic with only 3 moving parts. No regular adjustment or lubrication required. Patented design works with widest range of trucks and with bent or closed-in ICC bars. Zinc plated against corrosion. Can be interlocked to hydraulic dock leveler. Comes with high visibility, long-life communications package.



Automatic Combination Control Panel



The ultimate in dock safety and performance. A single control station for both Hydraulic Dock Leveler and TL85 Hydraulic Vehicle Restraint. Leveler operation is prevented until truck restraint is secured for operator safety. Standard when ordered in combination with FH Hydraulic Dock Leveler and the TL85 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).



Dock Seals, Bumpers & Accessories

A complete line of products for any size door opening.

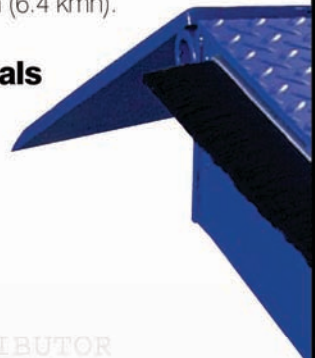


XDS Series: Extra Dock Safety

The heavy duty Door & Dock 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 kmh).

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

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.