

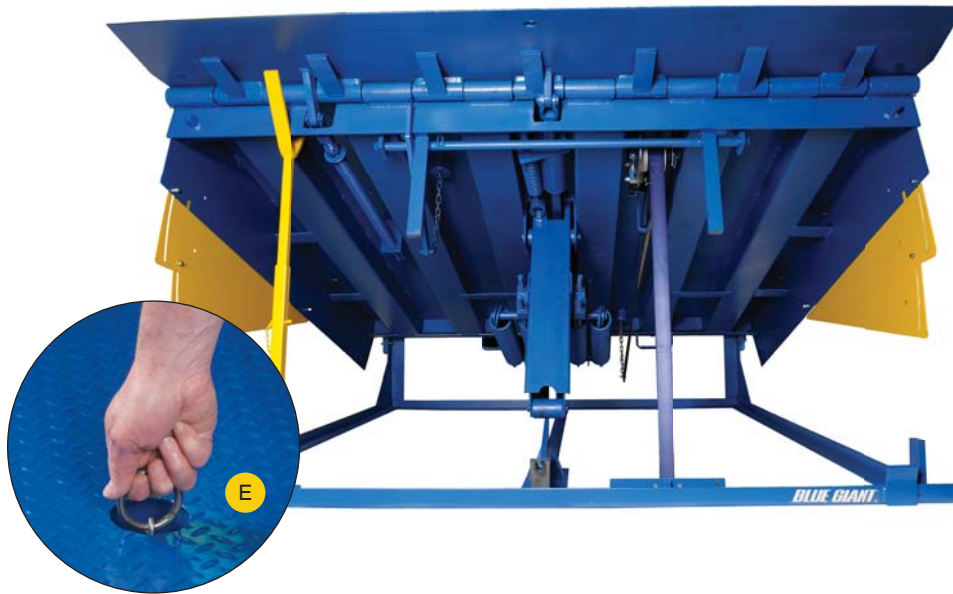
Maximize Your Options At the Loading Dock

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

SAFETY FEATURES

- A** Maintenance strut supports both deck and lip for safe under-deck maintenance and inspections
- B** Yieldable lip safely collapses if struck while extended
- C** Hold-down assembly matches dock movement with trailer suspension
- D** Heavy-duty springs have a lifetime warranty
- E** Ergonomic soft-pull chain requires only 3 lbs (1.4 kg) of force to deploy the deck
- F** Mechanical fall-safe legs limit platform free-fall

ANSI MH30.1 (2007) Approved



The Blue Giant U-Series mechanical dock leveler is easy to use: simply pull the release chain and let the heavy duty main lift springs go into action. The deck rises up and the lip extends smoothly to the locked position. Then 'walk' the deck down to the truck bed and begin loading or unloading.

Powerful Hold-Down System

The U-Series mechanical dock leveler's hold-down system is controlled by a 45,000 PSI precision-milled steel ratchet with 13 deep grooves and four pawls, offering strong locking capability. During loading and unloading, the friction disk brake enables the deck to seamlessly match the trailer height, minimizing cross-docking bounce. The increased contact surface with the disk brake creates even wear on the brake pads and results in greater hold while reducing maintenance requirements.

Structural Integrity

U-beam channels are welded to the underside of the deck at dynamic impact points, preventing 'dishing' and prolonging 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.

Designed with Safety in Mind

If a truck leaves the dock unexpectedly or slides free of the lip plate, mechanical fall-safe legs prevent platform free-fall, minimizing the risk of worker injury and equipment damage.

Additional features are depicted above.



U-Series

mechanical 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.

LIGHT COMMUNICATION PACKAGES

The optional features listed below will help you get the most out of your dock leveler.



The **Manual Light Communication Package** consists of an indoor and outdoor set of signal lights manually operated to communicate safety conditions to both workers and truck drivers. An advanced **Automatic Lights Communication Package**, has a sensor

that detects the dock's status and automatically signals when the dock is parked. Both packages minimize the risk of unscheduled truck departure and worker injury.

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 accommodate a wide variety of ICC bars, including those that are bent or damaged. Comes with the Blue Genius™ Gold Series II Vehicle Restraint Control Panel and traffic lights package.



Blue Genius™ Control Panel and traffic lights package come standard with Blue Giant hydraulic vehicle restraints.

ALSO AVAILABLE

- 18" (457 mm), 20" (508 mm), and 24" (609 mm) long lips
- Brush and rubber weather seals
- Full operating range metal toe guards
- Pour-in pan to facilitate new construction
- New construction pit kit



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AUTHORIZED DISTRIBUTOR

BLUE GIANT EQUIPMENT CORPORATION

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.