

The Power of Air

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.
- E** The switchless **Intelligent Positioning System** communicates the restraint arm's position to the control station.
- F Air-Powered Cylinders:** require no maintenance, even under aggressive usage conditions.
- G Solid Steel Restraint Arm:** has a restraining strength of 35,000 lbs (15,909 kgs).
- H Blue Genius™ Gold Series III Touch Control Panel** ensures safe and efficient operation of the ACS. LED control station lights advise dock personnel of safety conditions during loading and unloading.
- I**
- J**
- K**
- L**



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

Some items displayed may be optional.

Blue Giant's patented **Air Cylinder Series (ACS)** combines the popular and revolutionary **U-Series Air Cylinder Dock Leveler** with a new offering: the **StrongArm™ SVR303A**, an air cylinder version of the award-winning SVR303 hydraulic vehicle restraint. Secure and sustainable, the ACS is the industry's first air-powered dock equipment combo.

On-Demand Air System

The **ACS** is powered by an on-demand air system, making it an eco-friendly alternative to a hydraulic combination. The benefits of using air-actuated dock equipment include decreased operating costs, reduced downtime (where there's air, there's power!) and environmental sustainability, which results in a positive company image and eligibility for LEED benefits.

Designed with Safety in Mind

The air cylinder lifting technology of the **ACS** eliminates safety concerns commonly associated with air-powered dock levelers: punctured airbags and inability to hesitate dock travel during an emergency. The deck, fortified by a minimum of six sturdy U-beams, flexes under load to ensure a smooth cross-docking transition, lowering the risk of employee injury and damage to cargo or forklift tires. A fluid-based velocity fuse limits platform free-fall.

Built Strong. Holds Strong.

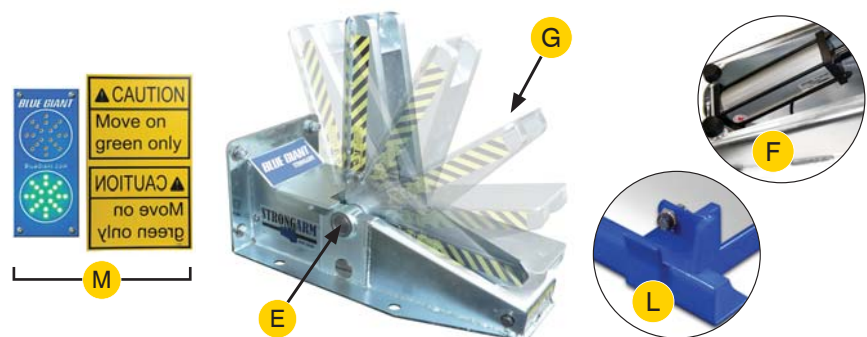
The **ACS** prevents unscheduled truck departures and trailer creep via the StrongArm™ SVR303A vehicle restraint technology. Low-profile, nonimpact, and with a restraining force of 35,000 lbs (15,909 kgs), the SVR303A has a vertical engaging range of 8" to 26" (203 to 660mm), allowing it to safely secure all types of ICC bar. Its Intelligent Positioning System (IPS) detects a truck's ICC bar without using breakable mechanical switches, adding another layer of safety to loading dock operations.

Intelligent Touch Controls

The Blue Genius™ Gold Series III Touch Control Panel's features include an LCD menu screen, function buttons and a flat-surface keypad with unique touch sensors. Interior and exterior LED lights keep drivers and warehouse personnel advised of safety conditions. A built-in network communication system enables multiple units of dock equipment to be operated in safe and proper sequence.

SAFETY FEATURES

- I Fluid Velocity Fuse:** Limits platform free-fall.
- J Full Operating Range Metal Toe Guards:** Painted safety yellow as specified by ANSI Z535.1.
- K Maintenance Strut:** Supports safe under-deck maintenance procedures.
- L Home Position Sensor:** Advises whether the dock is parked or deployed and ensures safe, sequenced equipment operation.
- M Exterior Traffic Lights and Signs:** LED traffic lights and driver warning sign advise truck drivers of safety conditions at the loading dock.



ACS

air cylinder series

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" (101mm) 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.

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" (127mm) above the cross traffic position providing an active, full dock width solid steel barrier.



DOCK 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 colours available.

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
- SVR303A extension plates to suit extended dock leveler pits
- Overhead door interlock photo sensor (24VDC)



85 Heart Lake Road South
Brampton, Ontario, Canada L6W 3K2
Phone: 905-457-3900 · Fax: 905-457-2313
www.BlueGiant.com

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.