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BLUE GIANT EQUIPMENT CORPORATION

Blue Giant Launches 'Green' Dock Equipment Package

Brampton, ON, Canada (May 2011) – Blue Giant Equipment Corporation has produced another industry first: a completely air-powered dock system. The 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.

“The SVR303A takes our patented, industry-recognized vehicle restraint technology to a greener level,” explains Jeff Miller, Vice President of Sales and Marketing at Blue Giant. “By combining it with the Air Cylinder Dock Leveler, we can now offer customers the ACS: an environmentally friendly, two-in-one interlocked dock solution.”

The **ACS** is powered by an on-demand air system, making it a 'green' alternative to a hydraulic dock equipment combination. Available in rated capacities of 30-45,000 lbs (13,636-20,454 kgs), its benefits include decreased operating costs, reduced downtime (where there's air, there's power!) and environmental sustainability.

The ANSI MH30.3-approved SVR303A has a restraining capacity of 35,000 lbs (15,909 kgs). It is a non-impact, low-profile model with a vertical restraining range of 8" to 26" (203 to 660mm) above ground level, allowing it to work well with air-ride suspension systems and secure most ICC bars, even those misshapen or damaged by impact-style restraints. Because the SVR303A's horizontal restraining range is from 0" to 12" (0 to 305mm) from the dock face, worn or missing bumpers are no barrier to successful engagement. The unit's switchless Intelligent Positioning System (IPS) detects a truck's ICC bar without using breakable mechanical switches and communicates the arm's position to the control station via a network.

The Air Cylinder Dock Leveler's deck structure is fortified by a minimum of six (6) U-beams with at least twelve distributed load points. The deck flexes up to 4" (101mm) under load to compensate for canted truck beds and the fixed rear hinge remains flush with the floor during use, removing pinch points and cross-traffic obstructions. A fluid-based velocity fuse limits platform free-fall, eliminating stump-out and other problems associated with the mechanical fall safe legs typically installed on air-powered dock levelers.

“Unlike airbag docks, the ACS has independent lip control, which reduces operator cycle time, lowers energy consumption, and increases efficiency,” Miller confirms. “The absence of airbags or trays under the deck supports a clean pit, making the ACS an ideal solution for food-processing facilities and other applications requiring high cleanliness levels.

“The ACS is operated via the Blue Genius™ Gold Series III Touch Control Panel, one of a groundbreaking series of microprocessor-based controls. Its features include onboard diagnostics, touch-sensitive function buttons and a keypad, and a STOP button that can halt the deck, lip, and restraint in mid-travel. Gregory Ion, Blue Giant's Vice President of Engineering and Product Development, adds, “The Blue Genius™ has a built-in network communication system that can operate all connected dock equipment safely and in proper sequence. By eliminating wiring errors between the controller and the equipment power packs, this technology is a huge improvement over conventional relay wiring methods.” Mike Poeltl, marketing manager at Blue Giant, confirms that the ACS, being air-powered, makes a loading dock facility eligible for LEED (Leadership in Energy and Environmental Design) credits. Developed by the U.S. Green Building Council, LEED certification allows builders and developers to qualify for government incentives as well as project the image of an environmentally responsible business.

Poeltl explains, “Blue Giant is simply demonstrating its commitment to environmental awareness while delivering the same quality loading dock solutions our customers expect from us.”



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About Blue Giant Equipment Corporation

Blue Giant is the premier solutions provider of safe, effective, and technologically innovative loading dock and material handling equipment.

With a product line that includes dock levelers, vehicle restraints, intelligent dock controls, dock and door guards, door seals and shelters, and a diverse range of material handling equipment, Blue Giant offers turnkey solutions for the most demanding freight handling needs.

For more information, visit <http://www.bluegiant.com/> or contact Mike Poeltl, Marketing Manager.

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