

VERTICAL DOCK LEVELER



In thousands of applications among the world's largest companies, Serco Vertical Dock Levelers provide reliable powered up and powered down performance directly contributing to environmental efficiency, security, and cleanliness.





SERCO VSL SERIES VERTICAL STORING DOCK LEVELER

Take control of your warehouse with a vertical storing dock leveler, ideal for climate-controlled facilities. Used by some of the world's largest companies, Serco vertical dock levelers provide complete control over environment, safety, cleanliness and security, making them perfect for industries that store food, beverages, pharmaceuticals and other products that require careful monitoring of temperature changes. Vertical-storing dock levelers can be configured with an optional Thermal Guard Package to allow trailer doors to swing open into the building after the trailer has been docked, lowering energy bill costs, increasing productivity and improving product security.

PRODUCT DETAILS

1. Standard 20" lip with 16" or 18" lip optional
2. Patented hinged bottom draft pad maintains environmental control
3. Run-off guards on deck assembly prevent forklifts from driving off side of leveler
4. Structural channel beams and high tensile steel safety tread plate. Structural members are fully welded to the front and rear header assemblies
5. Power-in/power-out lip cylinder provides superior operational control and reduced maintenance compared to conventional "gravity-fall" systems.
6. Dual-acting main cylinder hydraulic system provides leveler with controlled power up and power down performance
7. No leveler structure attached to pit floor for easy cleaning
8. Rear embed channel with 5 factory-welded hinges
9. Maintenance lockingbar with lockout pin prevents use while maintenance or cleaning is in process and can be locked out from beside or behind leveler with no tools





CONTROLLING THE WAREHOUSE ENVIRONMENT

CONTROL SAFETY

Serco Vertical Dock Levelers' innovative design provides added safety benefits on the loading dock

- Leveler stores leaning away from door opening and is fully powered to the loading position. Leveler stops instantly if lower or raise button is released.
- Run-off guards protect forklift and operator during loading/unloading operations
- Audible alarm sounds anytime leveler is stopped between stored position and loading range

CONTROL THE ENVIRONMENT

When installed with insulated doors, dock seals or inflatable shelters, energy management programs cannot be compromised by air infiltration through the leveler. Serco Vertical Dock Levelers do not compromise the energy efficiency of the insulated doors because they're installed inside the facility.

- Insulated door closes firmly on its bottom sill on the building floor, not the dock leveler
- Patented hinged bottom pad restricts air movement and energy loss even during the loading process

CONTROL SECURITY

Unlike conventional levelers, Serco Vertical Dock Levelers are mounted behind the dock door to maintain essential security.

- Leveler is stored vertically, providing a tight seal around the doorway, eliminating potential entry and pilferage
- Can be designed to allow trailer doors to swing into building to further prevent pilferage and enhance security

CONTROL CLEANLINESS

Serco Vertical Dock Levelers preserve an efficient, clean work environment.

- Underside of leveler easily accessible for inspection and scheduled maintenance
- Allow quick, unobstructed access to the pit or shelf for easy cleaning from inside the building
- Shelf or pit application prevents build-up of dirt or debris. Reduces risk of rodent entry



PUMP/MOTOR

The pump, motor and solenoid valves are remote-mounted from the leveler deck. This protects them from forklift damage and chemical wash downs. By making vital components easily accessible and keeping them safe from damage, Serco Vertical Dock Levelers offer a lower lifetime cost of ownership.

FREE FLOAT

When leveler is within 18" of the truck bed, the platform will automatically free float with the trailer to avoid possible damage to hydraulic system and material handling equipment.

BOTTOM PAD

Serco Vertical Dock Levelers are equipped with a patented hinged bottom pad which restricts air infiltration when the leveler is operational. *Thermal Guard Package Shown.



HRL RAIL LEVELER

The Serco HRL hydraulic rail leveler is specifically created for rail car operations and features the same vertical storing design and safety features as the VSL Series vertical storing dock leveler, making it an ideal solution for increasing efficiency during rail car loading operations.

The rail leveler can also be equipped with a manual or hydraulic side shift for efficient and precise positioning into the rail car.

- 20" lip standard (508 mm)
- Integrally mounted power unit, valves and solenoids
- Manual side shift capability
- Structural channel deck beams
- Integral maintenance lock bar with lock-out/tag-out capability
- Includes end loading capability



THE PERFECT FIT, SHELF OR PIT.

Serco's Vertical Dock Leveler can be safely installed either on a shelf or in a pit. Both installations provide the same energy efficiencies and ease of maintenance. So with either choice, the energy savings alone means a positive return on your investment in a short time.



SHELF INSTALLATIONS: THE EASY WAY.

With Serco shelf installations, Vertical Dock Levelers are installed along the edge of a continuous shelf that runs the full length of the loading dock.

- Provides continuous access.
- Easiest application to clean and maintain.
- Simplifies architectural design and construction.
- Custom stanchions and protective bollards available for controls.

PIT INSTALLATIONS GIVE YOU THE MOST, TAKE AWAY THE LEAST.

In pit-style installations, each Serco Vertical Dock Leveler is mounted at the back of a rectangular pit behind the insulated doors, leaving the pit floor accessible for quick and easy access for routine inspection, housekeeping and maintenance.

- Maintains a clean, uncluttered workplace.
- Allows for easy wall mounting of controls and hydraulics.

SERCO INTEGRATED CONTROLS: ULTIMATE IN PERFORMANCE AND SAFETY.

Streamline your loading dock equipment with the simple push of a button by adding the Serco Master Control Panel. As workloads increase, busy loading docks only get more complicated, making automating your dock equipment necessary in order to meet the demands. Typically, with each new piece of equipment, you'll face even more control panels and electrical conduit, cluttering your walls, creating frustration for your employees and increasing installation costs. Integrating Vertical Storing Levelers, vehicle restraint and other equipment in a Serco Master Control Panel sequences the equipment in proper operating order.



Serco
1612 Hutton Dr., Suite 140
Carrollton, TX 75006
800.933.4834
www.sercoentrematic.com

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