



Pentalift Vertical Storing Dock Leveler



Vertical Storing Dock Levelers are hydraulically operated dock levelers which are typically installed when pit cleanliness, climate control, vermin entry and/or building security issues are concerns. This style of leveler is ideally suited for cold storage, food processing, and pharmaceutical facilities. As the name indicates, this style of dock leveler is vertical when in the stored or parked position making the leveler pit fully accessible for clean up purposes. Also, this design permits the overhead door to close to the base of the pit with no air loss gap and no access for vermin entry.



Benefits:

- Stops forklifts from falling off loading dock when in stored position
- 4" high fork lift run-off guards
- Stored inside the building for better Environmental Control
- Safe, easy clean pit design
- Safer over centered storage design

Description:

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When the overhead door is closed and the leveler is in the vertical position, it acts as a roll off barrier as well as a visual barrier. Consequently, the overhead doors are protected against damage from loading vehicle impacts.

It is common to equip vertical storing dock levelers with 4" high runoff side guards along the lengths of both sides to increase safety during loading/unloading operations.

Operations:

When servicing a trailer, the vertical storing dock leveler lowers at a controlled rate until it rests on the bed of the trailer. After the loading/unloading operations are finished, the operator activates the raise button to bring the leveler back to the vertical (stored) position. For additional safety the leveler is stored with the lip extended leaning back in an over centered position, the leveler design incorporates a double acting cylinder to safely power up and down the dock levelers eliminating the need for a manual lock and release system. Also, an optional emergency stop button is provided to halt the lowering of the deck if necessary.

Options:

- 18" to 20" lip length
- self-contained power unit
- can be interlocked with other dock equipment
- Models available in rated capacities of 25,000 to 50,000 lbs
- other options available