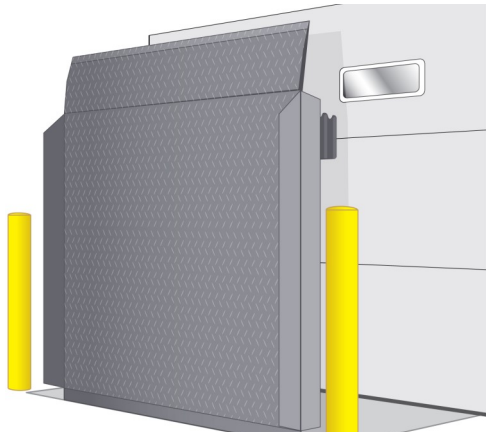




AaronBradley™ Hydraulic Vertical Storing Leveler



'HVS' Models & Dimensions

<u>Model</u>	<u>Width</u>	<u>Length</u>
HVS65	6'	5'
HVS66	6'	6'
HVS75	7'	5'
HVS76	7'	6'

Other model sizes available

Standard Features - (See Back for Additional Information)

- Fully hydraulic deck & lip operation eliminates mechanical latches and safety issues
- Push-button activation for efficient and full hydraulic control
- Deck & lip independently operated to accommodate all loading requirements
- No scheduled or regular maintenance required - No downtime or service cost
- No manual handling - Protects against accident / personal injury
- Structural-steel beam support provides superior, structural integrity
- Automatic Lock - Hydraulically locks the unit in the stored, 'over-vertical' position
- Full-width hinges provide extra support at high impact areas
- Fully automatic, Power Up / Power Down hydraulic operation / 115v/1ph/1hp/60Hz
 - Optional Gravity Down operation available
 - Optional 208-460v/3ph/1hp/60Hz
- Regenerative hydraulic system w/ self-contained power-pack
 - Optional remote power-pack available
- The unit can be lowered with lip extended for normal loading operations or with lip retracted for end load operations
- Unit is stored and locked in the vertical position and can be stopped in any position from the push-button control station
- Run-off Curbs for forklift driver safety
- Capacities: 25,000 lbs - 100,000 lbs.
- Custom design & unique applications available - Call for details



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AaronBradley™ Hydraulic Vertical Storing Leveler

Operation

Fully-automatic hydraulic system provides all movement of deck and lip. Activated via remote push-button control, unit can be lowered with the lip extended for normal loading operations or lowered with the lip retracted for end load operations. The unit is stored and locked in the vertical position by push-button command. Movement is stopped at any position from the push-button station. All functions are automated.

Construction

The deck and lip are constructed of 55,000 lb. minimum yield safety tread steel plate. The unit is a welded, bridge-type structure with structural steel beam deck support, providing a minimum 18" face contact with the deck plate. Deck supports are secured between full width header plates, front and rear. Continuous spool-type hinges are constructed of cold-drawn seamless tubing. Standard lip is 16". Hinge shafts are one-piece cold-rolled steel, full width. The unit's mounting plate is designed to weld to imbedded channels in the dock face for fixed position operation or to mount on slide rails, which allow lateral positioning of the ramp for certain rail applications.

Hydraulics

The self-contained or optional remote hydraulic pump unit with 1hp totally enclosed motor will provide hydraulic power for all operations. Separate hydraulic cylinders operate the deck and lip individually. During operation, automatic valving controls functions of the unit through a regenerative hydraulic circuit. Automatic hydraulics provide Deck power Down & Up and Lip power Extended & Retracted.

Electrical

The pre-wired, push-button control station controls all functions of the unit. The control station is housed in a gasketed enclosure, which meets NEMA requirements for indoor or outdoor use. The totally enclosed motor is rated at 115v-230v single phase or 208/230v-460v three phase. (Note: Wiring from the push-button control station to the motor junction box and power source is by others.)

Safety Considerations

Fully-automatic Hydraulic Operation - Push-button Safety Stop - Automatic Storage Lock
Run-off Safety Curbs - Pre-tested - Factory Adjusted

Warranty

Starts from date of installation - Two (2) years standard on all units. Covers exchange or repair of any hydraulic or structural component if found to be defective in manufacture. See AaronBradley™ warranties for additional details.

ABC Docks, LLC
P.O. Box 1028
Franklin, TN 37065-1028
Ph) 800-394-5944 / 615-807-1141
Fax) 615-807-1752
Web: www.aaronbradley.com
Email: sales@abcdocks.com

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