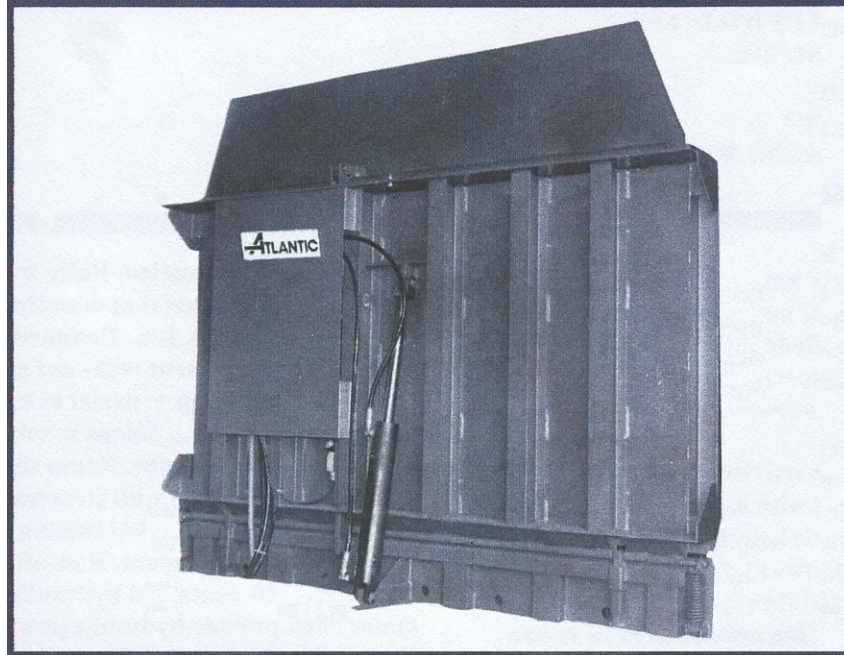


**SIMPLY THE BEST...  
SAFER, FASTER, OUTWORKS THE REST**



**FEATURES**

**FULLY HYDRAULIC OPERATION**

Eliminates ergonomic problems

**PUSH-BUTTON ACTIVATION**

Efficient and simple control

**RAMP AND LIP INDEPENDENTLY OPERATED**

Accommodates all loading requirements

**NO MAINTENANCE SCHEDULE NEEDED**

No downtime & service costs for regular maintenance needs

**NO MANUAL HANDLING**

Protects against accident/personal injury

**STRUCTURAL STEEL BEAM SUPPORTS**

Provide superior structural integrity

**AUTOMATIC RAMP LOCK**

Hydraulically locks ramp in stored position


**FULL WIDTH HINGES**

Extra support where leveler abuse is experienced

**PERFORMANCE, SAFETY AND VALUE**

Atlantic Engineered Products, L.L.C.  
P.O. BOX 639, Kinderhook, New York 12106-0639  
Phone 518/943-2220 • Fax 518/943-2226

## HYDRAULIC SYSTEM COMPARISON

<u>Benefits Of Atlantic Self-lubricating, Regenerative System</u>	<u>Benefits Of Single-acting or Non-regenerative System by others</u>
<ul style="list-style-type: none"> <li>Speeds Leveler Operation</li> <li>Minimizes Wear of Cylinder and Seals</li> <li>Eliminates Major Causes of Hydraulic Leaks</li> <li>Offers Consistent Fluid Operation</li> <li>Extends Equipment Life</li> <li>Minimizes Maintenance Costs</li> <li>Allows Functions Not Obtainable With Other Systems</li> </ul>	

### Overview:

Hydraulics is a reliable and cost effective source of power. Atlantic has used this technology to design their Hydraulic Vertical Storage Dock Leveler with a specific operational system, which controls *all* leveler functions and provides advanced performance and safety features.

The regenerative hydraulic system requires no lubrication of moving parts as with other systems or mechanical equipment. Atlantic has eliminated downtime and service costs associated with dock leveler maintenance. Preventative maintenance programs and maintenance/service contracts are not required to assure proper operation.

Atlantic's Hydraulic Vertical Storing Dock Leveler stores and locks in upright position. The lock is hydraulically released via remote mounted, push-button control. Automatic hydraulics power ramp down, power and ramp up, power extend and retract lip. Additionally the ramp can be stopped in any position to provide an extra measure of safety. Vertical storing of the leveler eliminates the need for additional wells of pits, wastes no floor space and accepts standard step dock design.

## **SPECIFICATIONS: “HVS” SERIES**

**General Description:** The “HVS” Standard Series Hydraulic Vertical Storing Dock Leveler, as manufactured by Atlantic Engineered Products, L.L.C., has a fully automatic hydraulic operation with complete control of main ramp and lip sections. Regenerative hydraulic system requires no regular maintenance or lubrication to assure operation. Vertical storing of ramp and lip eliminate the need for additional well or pits: accepts standard step dock design. Ramp automatically locks in upright, over-center, and stored position. Ramp can be stopped in any position.

### **DIMENSIONS & MODELS**

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

Capacity range for all models to 40,000 lbs. For information on other sizes or capacities, consult factory.

**Operation:** Fully-automatic hydraulic system provides all movement of ramp and lip. Activated via remote push-button control, ramp can be lowered with lip extended for normal loading operations or lowered with lip retracted for end load operation. Ramp is stored and locked in vertical position by push-button command. Ramp movement is stopped in any position from push-button station. All functions automated.

**Construction:** Ramp and lip are constructed of high yield 55,000 PSI type safety tread steel plate. Ramp is welded, bridge-type structure with structural steel deck supports, providing minimum 18” face contact with deck plate. Deck supports are secured between full width header plates, front and rear. Continuous spool-type hinges are seamless tube. Standard lip is 16”. Hinge shafts are one-piece cold drawn steel, full width. Ramp mounting plate designed to mount to standard step-dock arrangement without additional well or pit, shall include framing for support of rear hinge and main cylinder.

**Hydraulics:** The self-contained hydraulic pump unit with 1hp totally enclosed motor shall provide hydraulic power for all operations. Separate hydraulic cylinders operate ramp and lip individually. During operation, automatic valving shall control functions of leveler thru a regenerative hydraulic circuit. Automatic hydraulics to power ramp down, power ramp up, power extended and power retracted lip.

**Electrical:** Pre-wired push-button station to control all functions of leveler. Operator station is housed in a gasketed enclosure, which meets NEMA requirements for internal or external use. Totally enclosed motor is rated at 115V-230V single phase or 208/230V-460V three phase. Wiring from push-button station to motor junction box and power source, by others.

**Dock Bumpers:** Due to door/dock variances, dock bumpers are not included as standard. 4” thick (min.) bumpers are recommended. Additional bumper thickness may require extended lip projection for dock leveler. Consult seal/shelter supplier, bumper specialist, architect or contractor for requirements.

#### **Safety Consideration:**

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

**Warranty:** Coverage provided for two (2) full years from date of installation. Atlantic Engineered Products, L.L.C. will exchange or repair any hydraulic or structural component if found to be defective in manufacture. Dock leveler to meet or exceed OSHA, CS202-56, ANSI MH14.1-84 and ANSI MH30.1-93 standard.

Atlantic Engineered Products, L.L.C. reserves the right to alter details without prior notice or incurring obligation.

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