



**IMPROVE SAFETY,
PRODUCTIVITY AND
EFFICIENCY AT THE LOADING
DOCK**

**WITH A DOCK LIFT DESIGNED
AND MANUFACTURED BY**



Specified by the United States Postal Service

SYSTEM FEATURES

- **Filtration System:** Full hydraulic system filtration for contamination free lift operation. Eliminates the primary cause of equipment service and maintenance needs.
- **Double Acting-Cylinders:** Precision double-acting system is more efficient, provides longer Lift life.
- **Totally Enclosed Hydraulic System:** Guards against environmental contaminations.
- **Fully Hydraulic Operation:** All Lift functions under positive hydraulic control via automatic hydraulic circuit.
- **Safety Valving:** Lifting cylinder safety valving limits freefall to less than 3" in the event of hydraulic fluid loss.
- **Automatic Lift Positioning:** Lift can be positioned to desired height of stopped on command via pushbutton control.
- **Upper Travel Limit Switch:** Limits maximum upward travel.
- **Regenerative Hydraulic System:** Eliminates regular lubrication and maintenance needs.

Overview:

Using leading edge hydraulic technology, Atlantic's engineering staff has been designing lifting/leveling equipment with advanced operational and safety features for more than 25 years. Atlantic has led the Industry in providing cost efficient, quality products. This experience and performance history assures the best value for your purchase dollar.

Recognizing that contamination of the hydraulic system can cause high service and maintenance costs with other lift systems, Atlantic developed it's full filtration system. This exclusive system enhanced by a totally enclosed motor pump system provides a contamination free hydraulic environment.

Atlantic's exclusive double-acting cylinder system, speeds lift operation, minimizes wear of cylinders and seals and overall provides a more efficient operation.

SPECIFICATIONS: “HDL” SERIES

General Description: The “HDL” Series Hydraulic Dock Lift, as manufactured by Atlantic Engineered Products, L.L.C., provides fully hydraulic operation of all Lift functions via an automatic hydraulic circuit. Hydraulic system is controlled by a pendant control station, provided.

DIMENSIONS & MODELS

Model	Size	Model	Size
HDL-68	6' X 8'	HDL-711	7' X 11'
HDL-69	6' X 9'	HDL-712	7' X 12'
HDL-610	6' X 10'	HDL-88	8' X 8'
HDL-611	6' X 11'	HDL-89	8' X 8'
HDL-612	6' X 12'	HDL-810	8' X 10'
HDL-78	7' X 8'	HDL-811	8' X 11'
HDL-79	7' X 9'	HDL-812	8' X 12'
HDL-710	7' X 10'		

Capacity range for all models to 20,000 lbs. For information on other sizes or capacities, consult factory.

Operation: Fully-hydraulic operation of all functions via push-button control. The attendant pushes the “up” or “down” button to position the platform to the desired height. Release of the button will stop Lift movement.

Construction: Platform and bridge is constructed of high yield 55,000 PSI type safety tread steel plate. Platform is a welded bridge-type structure with structural steel supports and beveled toe guards. Bridge is 18” x 72”, to be positioned with lift chains. Base frame is constructed of structural steel weldment. Scissor arms are rectangular steel beams mounted in the base frame. Unit shall include removable safety railings on two sides, with safety chains at ends, and maintenance supports.

Hydraulics: The self-contained hydraulic pump unit with 1hp totally enclosed motor shall provide hydraulic power for all operations. Industrial grade hydraulic cylinders raise lift with safety valving to limit freefall to less than 3” if fluid control is lost.

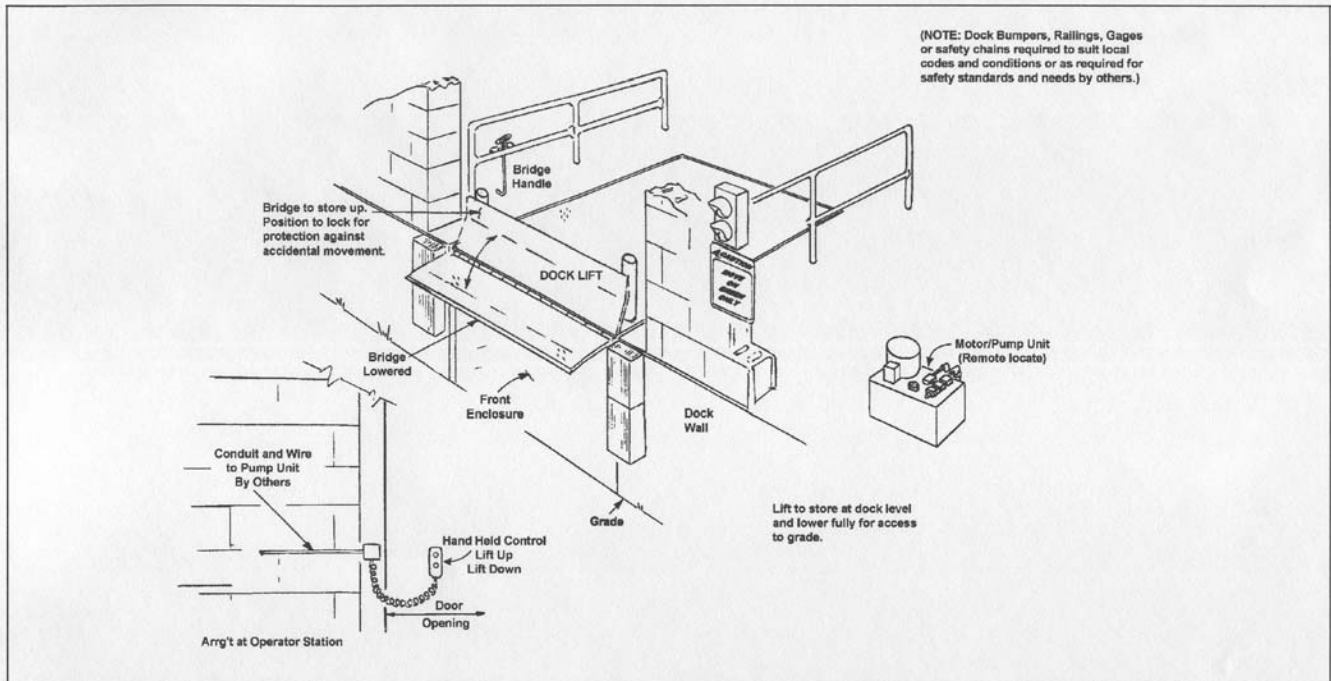
Electrical: Pre-wired pendant push-button control station to control all functions of Lift. Operator station meets NEMA requirements for internal or external use. Totally enclosed motor is rated at 208/230V-460V three phase. Wiring from Lift to Motor Controller and power source, by others.

Safety Consideration:

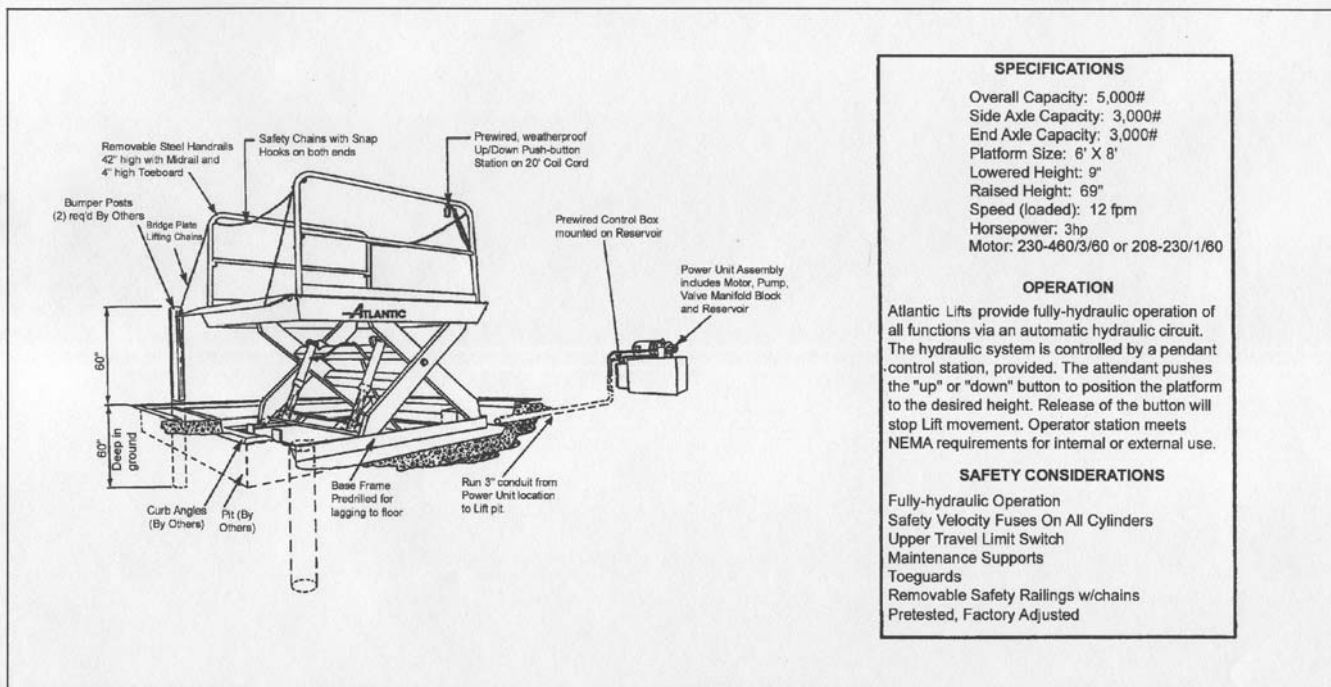
- Fully-hydraulic Operation
- Safety Velocity Fuses On All Cylinders
- Upper Travel Limit Switch
- Maintenance Supports
- Toe Guards
- Removable Safety Railings w/Chains
- Pre-tested, Factory Adjusted

Warranty: Coverage provided for one (1) full year 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 Lift to meet or exceed OSHA, CS202-56, and the National Electrical Code.

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



PROJECT NAME:		ARCHITECT/ENGINEER:		Engineered Products, L.L.C.		GENERAL ARRANGEMENT DOCK LIFT FOR ELEVATED DOCK	
PROJECT LOCATION:				DRAWN BY REP II	DATE 5/7/94	CHECKED BY	SCALE None
				TOLERANCES UNLESS SPECIFIED			DRAWING NUMBER
				MACHINED PARTS	± 1/16"	3 DECIMAL PLACES	± 0.005
				FABRICATED PARTS	± 1/8"	ANGLES	± 30°
							HDL-001-4



SPECIFICATIONS

Overall Capacity: 5,000#
 Side Axle Capacity: 3,000#
 End Axle Capacity: 3,000#
 Platform Size: 6" X 8"
 Lowered Height: 9"
 Raised Height: 69"
 Speed (loaded): 12 fpm
 Horsepower: 3hp
 Motor: 230-460/3/60 or 208-230/1/60

OPERATION

Atlantic Lifts provide fully-hydraulic operation of all functions via an automatic hydraulic circuit. The hydraulic system is controlled by a pendant control station, provided. The attendant pushes the "up" or "down" button to position the platform to the desired height. Release of the button will stop Lift movement. Operator station meets NEMA requirements for internal or external use.

SAFETY CONSIDERATIONS

Fully-hydraulic Operation
 Safety Velocity Fuses On All Cylinders
 Upper Travel Limit Switch
 Maintenance Supports
 Toeguards
 Removable Safety Railings w/chains
 Pretested, Factory Adjusted

PROJECT NAME:		ARCHITECT/ENGINEER:		Engineered Products, L.L.C.		HYDRAULIC DOCK LIFT	
PROJECT LOCATION:				DRAWN BY REP II	DATE 5/7/94	CHECKED BY	SCALE None
				TOLERANCES UNLESS SPECIFIED			DRAWING NUMBER
				MACHINED PARTS	± 1/16"	3 DECIMAL PLACES	± 0.005
				FABRICATED PARTS	± 1/8"	ANGLES	± 30°
							HDL-001-2