LHP Series Hydraulic Leveler

Specification Sheet & Submittal

25K - 40K CIR | **6’ - 7’** WIDTH | **6’ - 8’** LENGTH

Standard Features

Push-button activation	CleanSweep frame design
Safety velocity fuse	Four-sided box construction deck assembly
Safety yellow full-range toe guards	Lockout/tagout maintenance strut
Translucent reservior	Night locks/cross traffic support
Below dock end loading capability	Designed and manufactured in the USA

General Description

All Poweramp® LHP Series hydraulic dock levelers incorporate the use of hydraulics to raise and lower both the platform and lip. A single push button activates a hydraulic pump for operating both lip and hoist cylinders. Systems, LLC is an active member of Loading Dock Equipment Manufacturers (LODEM), a product section of the Material Handling Industry. Unit conforms to OSHA, and is manufactured in compliance with the American National Standard of Safety Performance and Testing of Dock Leveling Devices (ANSI) MH 30.1. Unit manufactured by Systems, LLC.

Standard Operation Features

The LHP Series Leveler is controlled remotely from wall mounted control panel. An array of optional control panel features are available. Lip keepers welded to frame members provide nighttime security and cross-traffic support. Full operating range toe guards are provided as standard. Maintenance prop with ‘Lock-out Tag-out’ capability is provided as standard. Each LHP leveler is shipped with two (2) 4 ½” thick x 10” high x 14” wide laminated bumpers as standard.

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BARRON EQUIPMENT COMPANY INC. OVERHEAD DOORS

Construction

The platform is constructed of 1/4" thick 4-way high strength, low alloy 50,000 minimum yield A572 steel safety tread-plate. Platform is reinforced and supported by full-length 6" roll formed "C" channels for 25,000 and 35,000 lb CIR and 6" structural "C" channels for 40,000 lb. CIR capacity units. Front header plate is 1/2" x 7" hot rolled steel. Poweramp LHP Series lips are made of 4-way safety tread-plate, the 25,000 lb CIR is 1/2" thick and the 35,000 and 40,000 lb CIR are 5/8" thick. The standard lip length is 16" on all capacities. Hinge tubes are 1 3/4" OD x 5/16" wall, 1 7/8" x 3/8" wall, or 2 1/8" x 1/2" wall depending upon CIR. All lip hinge pins are 1" M1044 steel. Steel joist gussets welded to front header are standard on all roll form "C" channels. All platforms are designed to compensate for up to 4" of canted truck beds.

Hydraulics

Platform is raised by hydraulic cylinder, all hydraulic hoses are elevated under the leveler platform, away from debris. Hoist cylinder is hard chrome-plated single acting design with 2 1/2" OD rod and 3" ID bore. Hoist cylinder is equipped with a velocity safety stop to limit free fall of loaded platform to 3"(±1"). Lip operation is controlled by a hard chrome-plated cylinder having a 2" ID bore and is fully yieldable. Elevated, frame mounted pump and motor assembly keeps clear of debris accumulation in pit.

Electrical

Hydraulic pump motor shall be 1 1/4 HP TENVC at 115v single phase. Optional 3 Phase motors are available, consult factory. Electrical control panel is non-metallic Nema 4 enclosure for single push-button, or NEMA 4X for iDock® Controls. All electrical components, connections and wiring are UL listed or recognized. Please Note: Unless specifically noted on quotation, all electrical requirements are the responsibility of others.

Warranty

All Poweramp LHP Series models feature a full one (1) year base warranty on all structural, hydraulic and electrical parts, including freight and labor charges in accordance with Systems, LLC's Standard Warranty Policy. Systems, LLC warrants all components to be free of defects in materials and workmanship, under normal use, during the warranty period. This base warranty period begins upon the completion of installation or the sixtieth (60th) day after shipment, whichever is earlier. Additional warranty extensions may be available upon approved submittal of application information.

Order Specifications

Dimensions and Capacities

Select a Model and a Capacity

MODEL / NOMINAL SIZE		CIR (Comparative Industry Rating)
☐ LHP-66	6' x 6'	☐ 25,000 CIR
☐ LHP-68	6' x 8'	☐ 35,000 CIR
☐ LHP-656	6'6" x 6'	☐ 40,000 CIR
☐ LHP-658	6'6" x 8'	
☐ LHP-76	7' x 6'	
☐ LHP-78	7' x 8'	

Optional Equipment

Check Options Desired

- ☐ PowerHook® Restraint (S.C.)
- ☐ TPR® Restraint
- ☐ TPR UniLock® Restraint
- ☐ PowerStop® Restraint (manual)
- ☐ PowerStop® Restraint (auto)
- ☐ UniChock™ Restraint
- ☐ UXL Restraint
- ☐ Integrated Control Panel
- ☐ 18" Lip
- ☐ 20" Lip
- ☐ 3 Phase Motor Voltage
- ☐ Dock Alert Communication System
- ☐ iDock® Controls
- ☐ 3-Wheel Lift Truck Protection
- ☐ Pit Steel (6 piece curb angle set)
- ☐ Pit Steel (4/angle,2/bumper)
- ☐ Pit Kit (3 sided)
- ☐ Pan Unit (4 sided)
- ☐ Foam Insulation
- ☐ Special Color_____
- ☐ Clean Sweep Frame
- ☐ Brush Weather seal
- ☐ Rubber Weather seal
- ☐ Lip Supporting Service Strut
- ☐ Vertical Bumpers (laminated)
- ☐ ☐ VB420-11 ☐ VB424-11
- ☐ 6" Thick Dock Bumpers
- ☐ Wheel Chocks Model #_____
- ☐ Dock Light (no bulb) Model #___
- ☐ Other_____
- ☐ Other_____

Required Information

CUSTOMER	
JOB	
LOCATION	
NUMBER OF UNITS	
MODEL	
SIZE	
REPRESENTED BY	
SALES REP	

Certified for Construction

BY	
DATE	
COMPANY	
CITY & STATE	
VOLTAGE / PHASE	
DRAWING #	

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Consistent with our policy of continuing product improvement, we reserve the right to change product specifications without notice or obligation.
A continuing product improvement process is in effect at Systems, LLC. We reserve the right to make product changes without prior notice.