### HPK-TH Series
#### Tall Dock Leveler

**HYDRAULIC DOCK LEVELER 20,000, 30,000 lb. CAPACITIES**

### ARCHITECTURAL SPECIFICATIONS

#### GENERAL
The HPK-TH Series pit mounted hydraulic dock levelers are available in one heavy duty style.

**HPK-TH Series - Two movement with 16” hinged flip lip.**

#### DESCRIPTION
Adjustable hydraulic dock leveler with two movements: (1) Up, (2) down. Dock leveler to be _____ ft. long x ______ ft. wide with a static capacity of ______ lbs. Platform to be constructed of floor plate reinforced by C channel deck support beams. Units are powered with a 2 HP, 2 GPM pump that activates the deck hydraulic cylinder. The deck and 16” hinged flip lip extends onto the vehicle when the start button is depressed. The HPK-TH Leveler automatically recycles to stored cross traffic position when the vehicle departs or may be recycled with the vehicle at the dock. 24” total Vertical travel, 12” above floor level and 12” below floor level for all frames. Deck will compensate a maximum of 4” from side to side to service uneven vehicles. Dock leveler is constructed of 55,000 lb. minimum yield steel tread plate. Dock leveler to be equipped with full operating range toe guards and a set of dock bumpers. Dock leveler to meet the performance requirements of OSHA and ANSI MH14.1-1984.

### DIMENSIONS

**NOTE:** The sizes below are nominal lengths.

#### HYDRAULICS
- Tubing with 5/8” wall thick with 1-5/8” pin (HR).
- Special Warranty Note: Beacon will match any other parts.
- Sensors, 1 year on motor/pump and miscellaneous parts.
- 5 years on structural members, cylinders and proximity sensors.

#### OPTIONS
- 460 Vac 3 phase standard (Other voltages optional)
- Weather Seals.
- Lift 18” (14” projection).
- Lift 20” (16” projection).
- Emergency Stop Feature.
- Independent Lip Control.
- Cold Weather Hydraulic Oil
- Foam insulation.
- Abrasive Surface.
- Pit Curb Angle Kit.
- Yellow & Black Diagonal Striping on Full Sides.
- Lifting Eyes & Chains
- Shallow Pit Option: 17-1/2” minimum depth

#### PAINT
- Beacon Grey

### OWNERS MANUAL
- Owners Manual comes with each unit, including General Information, Pit preparation, Leveler preparation, Anchoring Instructions, Wiring Diagram, Operating Instructions, Troubleshooting, Parts Listed.

### WARRANTY
- The HPK-TH Series comes with a Limited Warranty - 5 years on structural members, cylinders and proximity sensors, 1 year on motor/pump and miscellaneous parts.

Special Warranty Note: Beacon will match any other company’s warranty, just present to Beacon for written approval.

### SAFETY EQUIPMENT
- RAMP SIDES: The sides of the ramp shall be provided with full operating range steel safety toe guards. The Beacon lip keepers are installed for your protection while in storage for night security along with providing safe and secure cross traffic support. A safety velocity fuse prevents sudden fall while loading should the leveler become unsupported by the trailer. A maintenance strut is provided with each leveler. Two 4” x 10” x 12” molded dock bumpers shall be supplied with each dock leveler.

#### OPTIONAL FEATURES
- 2 GPM hydraulic pump. Hydraulic deck and lip with automatic return to dock. HPK-TH is equipped with an in line safety valve to prevent leveler deck from free fall in case of premature trailer departure. Hydraulic lift cylinder is 2” bore x 18” stroke and lip cylinder is 2” bore x 0” stroke.

### ELECTRICAL
- The HPK-TH series electrohydraulic unit is complete with a 2 HP totally closed non-ventilated motor to be factory tested for 460V, 3 PH. 60 HZ as specified. Unit includes a limit switch for the auto reset capability. All operations to be push button controlled from a single pre-wired NEMA 12 wall-mounted steel enclosure. All electrical hook-ups are by others.
HPK-TH Series Hydraulic Dock Leveler

Pit Detail

Not To Scale

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