Truck Service
HPK Series
Dock Leveler
Four Movement Hydraulic Telescopic

ARCHITECTURAL SPECIFICATIONS

GENERAL
HPK Series Pit Mounted Hydraulic Dock levelers are available with the long lasting telescopic slide deck platforms.

HPK Series – Four Movement with 24” telescopic deck platform.

DESCRIPTION
Adjustable Hydraulic Dock Leveler with four movements: (1) Up, (2) Down, (3) Forward, (4) Reverse.

Dock Leveler to be ___ Ft. Wide x ___ Ft. Long with a rollover capacity of 30,000 lbs. Platform to extend horizontally 24” and have 24” vertical travel. Platform to be solid and able to compensate for a canted truck up to 4”. Constructed of ¼” tread plate reinforced by I beams. Lip to be ¾” tread plate. Dock Leveler shall be complete with 2 HP, 2.44 GPM electro-hydraulic power unit, 2-4” double acting hydraulic cylinders with 1-3/4” rod. Dock Leveler to be equipped with full range toe guards, hydraulic velocity fuse, cross traffic/maintenance safety support legs. Also included are Two 4 ½” x 10” x 14” Laminated Dock Bumpers. Dock Leveler to meet or exceed OSHA requirements, ANSI MH 30.1-2007. To be Beacon HPK Series as sold by Beacon Industries, Inc.

SCOPE
The Beacon HPK Series Dock Levelers are designed to accommodate docks with high volumes of traffic, servicing most over the road trucks. These dock levelers are designed to extend out toward the truck bed. The HPK Series 100% hydraulically adjustable dock levelers have four movements:

1-UP; 2-DOWN; 3-FORWARD; 4-REVERSE

Size and movements are nominal dimensions.

Total control of all movements is achieved with the use of clearly marked selector controls and pushbuttons. Standard models are capable of a 24” vertical working range including 12” above and 2” below the level position. The 24” platform extends 19.5” beyond the face of the 4 ½” laminated dock bumpers by Beacon. This combination of features enables the HPK Series Levelers to meet over the road trucks of almost any type.

BEACON IS BUILT TO LAST
Beacon is one of the few companies that rate their levelers with ACTUAL dynamic roll-over capacities. We are proud of the way we rate our equipment. Our levelers are built to see loads, day-in and day-out, year after year. As a true 30,000 lb. dynamic rated dock leveler and with levelers still in use since the 1960’s you will discover our Beacon telescopic slide dock levelers are the most durable.

DIMENSIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A DL WTH</th>
<th>B DL LNG</th>
<th>C DL HGT</th>
<th>D FIT WTH</th>
<th>E FIT LNG</th>
<th>F PIT HGT</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPK-6630-30</td>
<td>6'</td>
<td>6'</td>
<td>29.5'</td>
<td>74'</td>
<td>6'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-6650-30</td>
<td>6'</td>
<td>6'</td>
<td>29.5'</td>
<td>80'</td>
<td>8'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-7630-30</td>
<td>7'</td>
<td>8'</td>
<td>29.5'</td>
<td>80'</td>
<td>8'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-6630-30</td>
<td>6'</td>
<td>6'</td>
<td>29.5'</td>
<td>74'</td>
<td>7'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-6650-30</td>
<td>6'</td>
<td>6'</td>
<td>29.5'</td>
<td>80'</td>
<td>7'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-7630-30</td>
<td>7'</td>
<td>8'</td>
<td>29.5'</td>
<td>80'</td>
<td>7'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-61030-30</td>
<td>6'</td>
<td>10'</td>
<td>29.5'</td>
<td>74'</td>
<td>7'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-61030-30</td>
<td>6'</td>
<td>10'</td>
<td>29.5'</td>
<td>80'</td>
<td>7'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-71030-30</td>
<td>7'</td>
<td>10'</td>
<td>29.5'</td>
<td>80'</td>
<td>7'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-61130-30</td>
<td>6'</td>
<td>11'</td>
<td>29.5'</td>
<td>74'</td>
<td>8'</td>
<td>30'</td>
</tr>
<tr>
<td>HPK-71130-30</td>
<td>7'</td>
<td>11'</td>
<td>29.5'</td>
<td>80'</td>
<td>8'</td>
<td>30'</td>
</tr>
</tbody>
</table>

CAPACITY: 30,000 lb. dynamic rollover

*DL = Dock Leveler Dimensions
*FT = Pit Size Dimensions
Special Sizes Available

OPERATION
After the truck is in place, turn the “UP/DOWN” selector to “UP” to raise the platform. When the platform is at least four inches above level, release the selector control. The platform stops and will not settle down. This feature allows for exact positioning of the platform lip. Turn the “FORWARD” selector control to extend the platform out toward the truck bed. When the platform is over the truck bed, release the “FORWARD” selector control to stop the platform. Next turn the “UP/DOWN” selector control to “DOWN” and the platform will settle down to the truck bed.

To store the platform, turn the “UP/DOWN” selector control to “UP”. When the platform clears the truck bed and is at least 4” above level, release the selector control. Push the “REVERSE” selector control until the platform is completely retracted. Then turn the “UP/DOWN” selector control “DOWN” to complete the storing cycle. At any time, the “EMERGENCY STOP” button can be pushed to stop any and all movements of the dock leveler. The ramp shall be provided with electric selector controls for the four movements: 1-UP; 2-DOWN; 3-EXTEND; 4-RETRACT.

The ramp platform shall be provided with an extending dock/lip section, designed to increase its length in the same plane, from the fully retracted position to the fully extended position.

The ramp platform, including the extending deck/lip shall be free floating, after the lip of the extension has been positioned on the truck bed or tailgate.
HPK SERIES Hydraulic Leveler to include:
- Full Range Toe Guards with Safety Striping
- Deck Safety Striping
- Telescoping Deck for High Traffic Cycles
- 24" Telescoping Deck/Lip for long reaches
- Below Deck Control
- Out of Level Compensation
- Float Compensation
- Maintenance Safety Strut
- Two – 4 ½" x 10" x 14" Laminated Dock Bumpers

FEATURES
HPK SERIES Hydraulic Leveler include:
- Full Range Toe Guards with Safety Striping
- Deck Safety Striping
- Telescoping Deck for High Traffic Cycles
- 24" Telescoping Deck/Lip for long reaches
- Below Deck Control
- Out of Level Compensation
- Float Compensation
- Maintenance Safety Strut
- Two – 4 ½" x 10" x 14" Laminated Dock Bumpers

CONSTRUCTION
HPK SERIES platform is made up of a rear deck and a sliding solid deck. The rear deck is attached at the rear of the frame and the sliding deck moves inside the rear deck by the telescoping hydraulic cylinder to extend out to the truck.

The surface of the ramp platform and lip shall be of non-skid steel treadplate.

The push-button controls re pre-wired and mounted in a fully gasketed, NEMA 4X non-corrosive indoor-outdoor enclosure control station box.

All provided individual components and wire will be UL listed approved or recognized. Finished electrical assemblies shall conform to National Electric Code (NFPA 70). Motor starter, transformer is supplied as standard equipment.

The selector controls shall be of the type requiring constant pressure so the removal of pressure immediately stops all ramp movement.

The dock ramp shall be a packaged type, completely assembled unit with all components and load bearing structural members within its own steel frame, requiring only anchoring in position and electrical connections.

The debris shall be packaged together with all necessary parts and accessories for ease of installation. The operation of the unit shall be specified on the operator’s manual.

PITS AND CONCRETE WORK:
- All concrete work by contractor. Pit to be constructed per drawing supplied for each installation. All curb C channels, and angles shall be quoted separately.

ELECTRICAL
- Push-button controls re pre-wired and mounted in a fully gasketed, NEMA 4X non-corrosive indoor-outdoor enclosure control station box.

All provided individual components and wire will be UL listed approved or recognized. Finished electrical assemblies shall conform to National Electric Code (NFPA 70). Motor starter, transformer is supplied as standard equipment.

The surface of the ramp platform and lip shall be of non-skid steel treadplate.

The selector controls shall be of the type requiring constant pressure so the removal of pressure immediately stops all ramp movement.

The dock ramp shall be a packaged type, completely assembled unit with all components and load bearing structural members within its own steel frame, requiring only anchoring in position and electrical connections.

Owner’s Manual comes with each unit, including Serial Numbers, General Information, Installation and Anchoring Instructions, Wiring Schematics, Hydraulics Schematics, Operating Instructions, Loading and Unloading Instructions, Maintenance Instructions, Trouble Shooting Chart with Part Numbers Listed.

LEVELER WARRANTY
HPK SERIES comes with a Limited Warranty – 5 Years on structure, 3 Years on hydraulic components and 1 Year on electrical components.