

# HP Series

Hydraulic: 1 hp., 1.3 G.P.M.  
Hydraulic Deck and Lip

25,000; 30,000; 35,000; 40,000;  
and 45,000 lb. Dynamic Capacities

6', 6' 6", and 7' Widths  
6', 8', and 10' Lengths  
(Custom Sizes Available)



## ■ Rugged PIONEER Levelers Keep Working For You.

**F**ully hydraulic HP Series Levelers offer solid-state proximity sensors to control deck and lip functions, including automatic return to safe cross traffic position when truck departs. Lip hinge features full-width, cold roll CF 1045 steel pin and seamless tubing for exceptionally heavy loads. Lip keepers serve as night locks for security and provide safe cross-traffic support when unit is stored.

## ■ Warranty

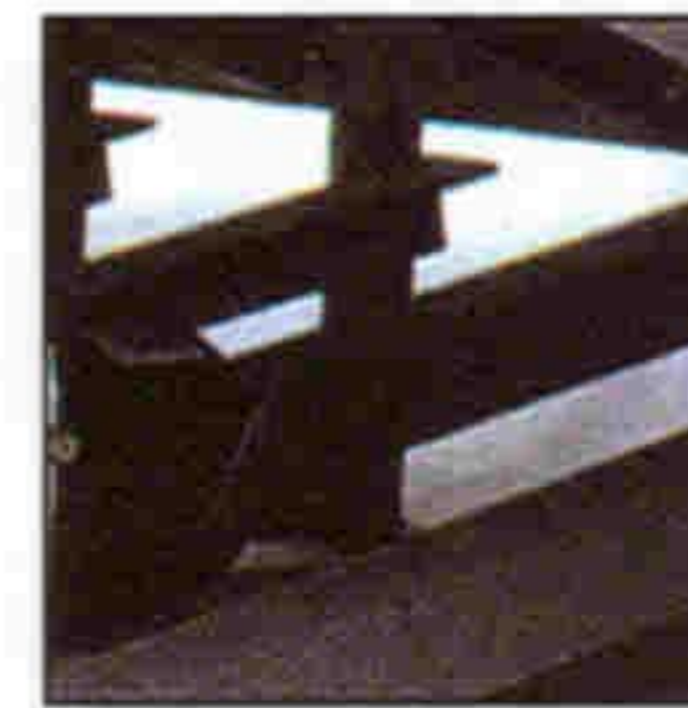
PIONEER provides a 5-year warranty on structural members and proximity sensors. A 1-year warranty is provided on motor pump and miscellaneous parts (including materials, labor, and freight).

## ■ Guarantee

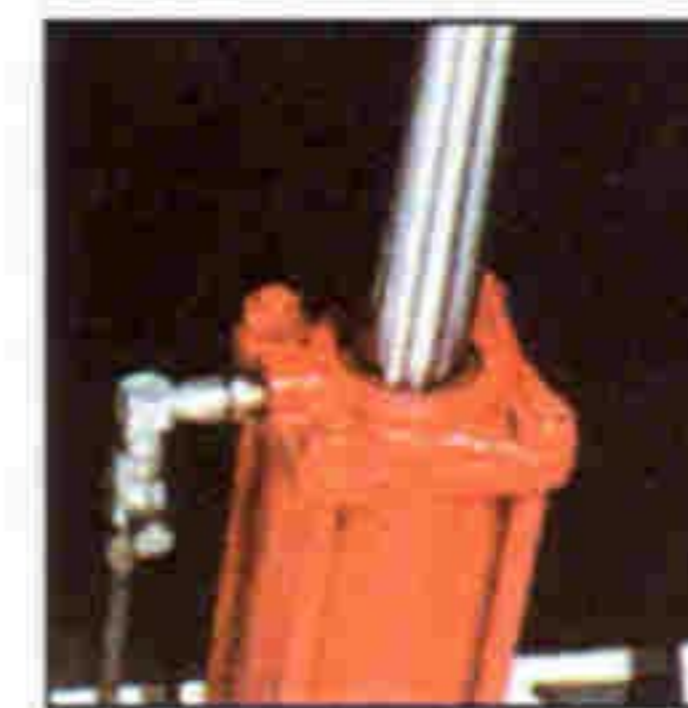
PIONEER will provide our standard warranty **or match any documented competitive warranty in the industry** for comparable models. There is no fine print. *We build it and we guarantee it!*

### Metric Specifications

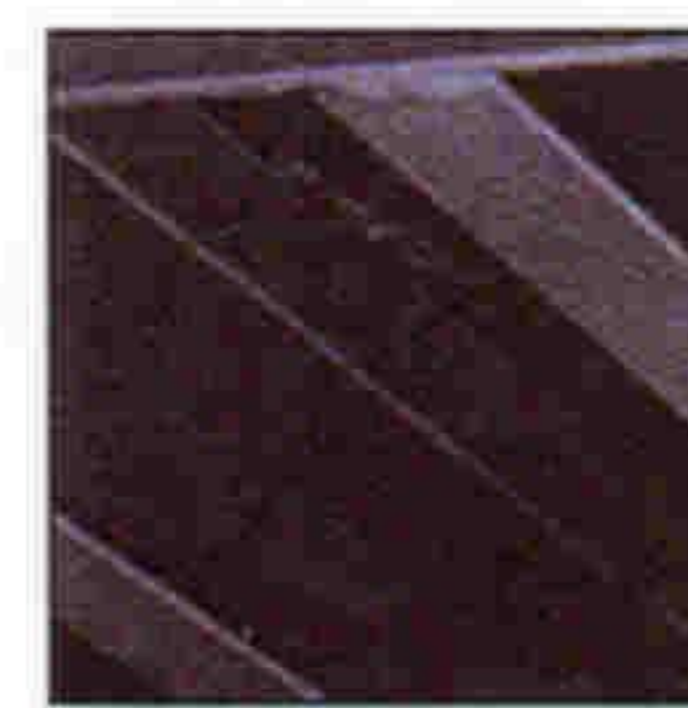
11,340; 13,608; 15,878; 18,144 and 20,412 kg  
Dynamic Capacities  
1,829; 1,981 and 2,133 mm Widths  
1,829; 2,438 and 3,048 mm Lengths



Exclusive PIONEER Base Frame Support Struts make our Hydraulic Series the strongest and safest Levelers in the industry today!



The HP's hydraulic system features a 4" Main Cylinder with a 2" ram. Inline Safety Stop guards against free-fall in the event of premature truck departure.



PIONEER's solid steel Structural "C" Channel offers matchless deck support - providing a 39% greater resistance to elastic bending moments than other industry designs.



Solid-state Proximity Sensors control all Leveler functions, including automatic return to cross-traffic position upon truck departure.

Quality  
Dock  
Levelers

Long  
Lasting

Easy to  
Install  
and  
Operate

Safe



Rugged. Dependable. PIONEER.

# HP Series

## Features & Specifications

*ALL PIONEER Levelers meet or exceed the performance requirements of CS202-56., O.S.H.A., and A.N.S.I. MH14.1-1984*

### Durability

- Deck and lip are constructed of **55,000 lb. Minimum Yield Steel Tread Plate**.
- Deck support beams are engineered with a **Solid Steel Structural "C" Channel**, fully welded to **Full-width Header Plate**.
- **Regenerative Main and Lip Cylinders** provide dual-sided lubrication for all hydraulic seals. Main cylinder is 4" in diameter with a 2" diameter ram.
- **Extra Heavy Rear Angle** with **Strategically Placed Gussets** provides maximum structural support and frame strength.
- **Continuous Hinge Design** with **Grease Fittings** included as standard with each unit.
- **Molded Bumpers** protect dock face and Leveler from truck damage.

### Easy Installation

- Power is available in **1 ph. (115) or (230) volts; or 3 ph. (208), (230), or (460) volts**. All 650HZ units.
- **Custom Rear Angle** is two inches wider than the Leveler, providing extra area to weld at both ends.
- Front and rear **Forklift Slots** provide easy access for maneuvering and installation.
- **Side Ports** allow unit to be suspended and lowered into pit from dock floor.

### Safety

- Hydraulic system includes an **Inline Safety Stop** to prevent *free-fall* in the event the unit suddenly becomes unsupported.
- Power unit is totally enclosed, factory wired, and tested per specifications. All 60HZ units. Remote box meets N.E.M.A. 12 requirements.
- HP Series **Solid-state Proximity Sensors** automatically return Leveler to safe cross-traffic position when truck departs.
- **Lip Keepers** serve as night locks for security, and provide safe **Cross-traffic Support** when unit is stored. Deck tilts to a maximum of 4" from side to side, compensating for unlevel trucks.
- **Full-range Toe Guards** protect workers from injury during loading and unloading.
- **Base Frame Support Struts**, exclusive to PIONEER, transfer pull-out forces of supported Leveler onto the floor of the pit - *making this the strongest and safest Leveler on the market today!*

### Dealer Locations

PIONEER Loading Dock Equipment is available nationwide. For the location of your nearest PIONEER Dealer, call us **toll free at 1-800-251-3382**.



**Rugged. Dependable. PIONEER.**

P.O. Box 338 • Spring Hill, Tennessee 37174  
phone: 931-486-2296 • fax: 931-486-0316 • [www.pioneerleveler.com](http://www.pioneerleveler.com)

PIONEER offers a complete line of finely crafted, technologically advanced loading dock equipment, including **Mechanical and Hydraulic Pit Levelers, Edge-of-Dock and Top-of-Dock Levelers, Portable Dock Boards, Vehicle Restraints, Dock Seals and Shelters**, and other quality accessories. Just **call us toll free** for personal, professional customer assistance and responses to all of your product needs.

toll free  
**1-800-251-3382**

### Simple Operation

All operations are push-button controlled from a single, pre-wired **Wall Mounted Remote**. Leveler can be recycled with the truck in position, or after the truck departs, by depressing the start button.

**Automatic Lip** extends and locks as main cylinder raises the platform; descends upon truck departure.

Solid-state **Proximity Sensor** electronically recycles the Leveler when truck departs.

**Operating Range** of 12" above and 12" below dock.

