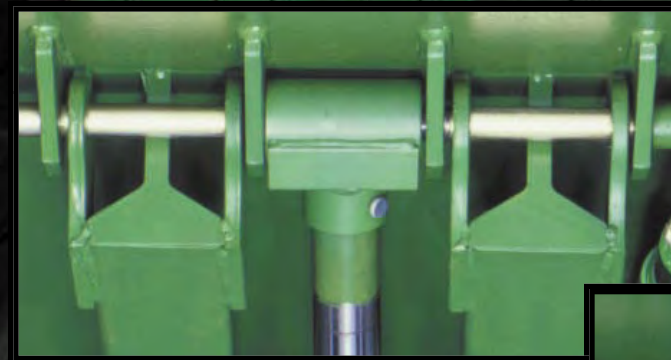


**KELLEY**

# **KELLEY:** Dockleveler Innovation Since 1953.

**KELLEY HAS BEEN THE LEADER** in structural design of docklevelers since 1953. No other dockleveler provides the safety, maintenance and operational advantages afforded by the innovative structural design of Kelley docklevelers.



The strength and simplicity of Kelley's exclusive self-cleaning lug-style lip hinge design reduces maintenance and service while prolonging the life of the dockleveler.



Kelley's unique Lambda beam design incorporates double-thick steel, a double-wide bottom flange and a closed triangular shape to provide superior load distribution and twist resistance.

## **Integrate Your Kelley Equipment For Safer, More Efficient, More Productive Docks.**

### **KELLEY HYDRAULIC DOCKLEVELERS**

including trailer restraints, dock doors, can be integrated with other dock devices inflatable seals or shelters, dock lights and security systems to improve productivity, security and environmental control. For advanced safety, dock equipment controls can be incorporated into a Master Panel and interlocked to work in a specified sequence.



## **KELLEY HYDRAULIC DOCKLEVELERS**

**KELLEY HYDRAULIC DOCKLEVELERS**, featuring premier lug-style lip hinges, simplified hydraulic, internal velocity fuses and open frames, are designed and rigorously tested to meet the growing demands for operational efficiency and safety on busy loading docks.

An SPX Dock Products Company

**KELLEY**

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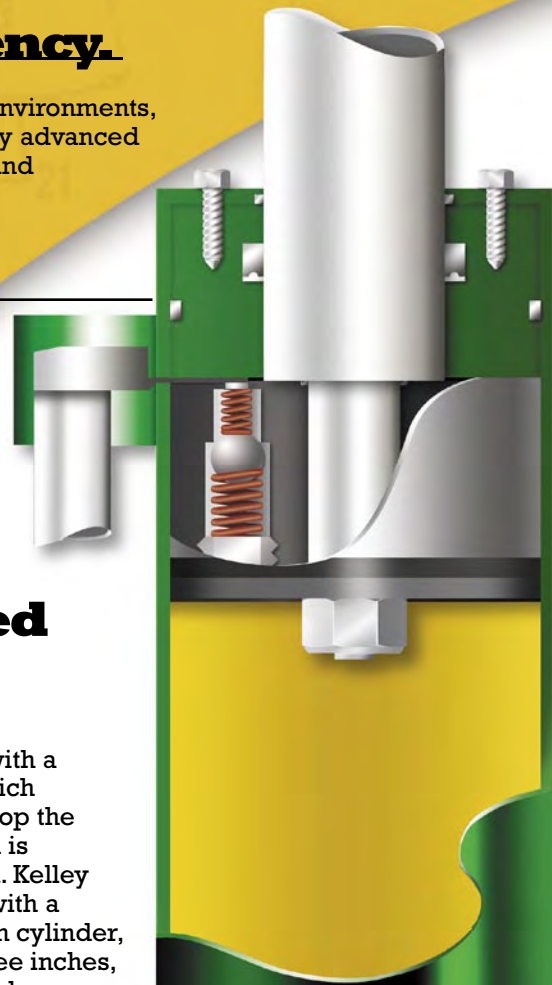
A continuing research program is in effect at Kelley. We reserve the right to incorporate product improvement at any time without prior notice.



# KELLEY HYDRAULIC DOCKLEVELERS: Proven Performance And Efficiency.

**FOR MAXIMUM PRODUCTIVITY** in the most demanding dock environments, Kelley offers a complete line of hydraulic docklevelers. Kelley uses only advanced hydraulic technology and design simplicity to keep productivity high and maintenance costs low.

**Kelley Hydraulic System**



## Designed For Improved Safety

**ALL KELLEY HYDRAULIC DOCKLEVELERS** are equipped with a unique, safety stop solenoid valve, which can interrupt the flow of hydraulics to stop the dockleveler at any stage of operation and is effective even when power is disconnected. Kelley hydraulic docklevelers also come standard with a patented hydraulic velocity fuse built into each cylinder, which restricts free-fall of a loaded ramp to three inches, should a truck pull away from the dock prematurely.

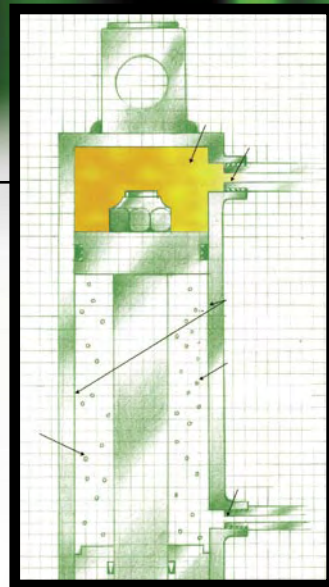
Kelley hydraulic cylinders are positioned at the front of the deck to provide more even distribution of the load weight, especially in free-fall situations. Many other hydraulic systems place the hydraulic cylinder in the center of the deck, putting enormous strain on the front of the dockleveler. Additionally, the chrome-plated cylinder rods are protected under the deck structure, far away from the pit floor and safe from dirt, debris and potential damage.

## Designed To Reduce Maintenance Costs And Extend Life

**KELLEY HYDRAULIC DOCKLEVELERS** utilize a totally enclosed, non-ventilated, regenerative hydraulic system. Old vented systems expose the rod to air, moisture and oxidation, but Kelley's regenerative system bathes the entire cylinder rod in oil in the stored position, eliminating rust on the rod and wear on the seals.

It is common to find a separate pump and motor on docklevelers. This forces oil through a maze of hoses and fittings between each system, increasing the risk of leakage. Kelley's hydraulic pump and motor are one assembly, using a maximum of two hoses and four fittings.

**Comparative Hydraulic System**



Patented Lambda beam design and construction

Automatic retracting 60,000 lb. structural steel dock level support legs for full, unrestricted working range

4" diameter hydraulic cylinder mounted at front of ramp for maximum strength and efficiency

Integral support strut keeps ramp raised for routine maintenance and cleaning

Totally enclosed, non-ventilated, unitized hydraulic pump and motor assembly with single hose per cylinder for longer life and lower maintenance costs

Unique Kelley open frame design

Integral lip lock keeps lip raised for routine maintenance and cleaning

Self-cleaning lug-type lip hinge with limited lifetime (rated) warranty

Full operating range toe guards

Four fixed rear hinges for maximum support and no pinch points

## Push-Button Control

**KELLEY HYDRAULIC DOCKLEVELER** functions are controlled through a standard NEMA 4x control panel. The operator pushes the button to raise the ramp. When the button is released, the dockleveler descends into position.

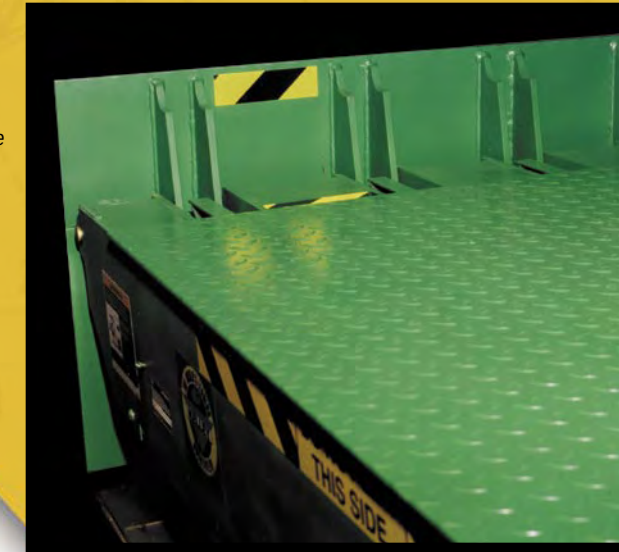


## Push-Button Safety

**KELLEY HYDRAULIC DOCKLEVELERS** are available with optional independent lip extension and hydraulic stop buttons to provide optimum operational efficiency and safety. They can also be fitted with automatic return-to-dock activation. In the event of premature truck departure, the dockleveler automatically returns to a safe, level stored position.



Kelley's HK hydraulic dockleveler can be equipped with a Steel Safety Barrier Lip, which provides a full-time 5" steel barrier to prevent accidental forklift roll-off. Kelley's Barrier Lip can stop a 10,000 lb. load at 4 mph.



Kelley's HP dockleveler provides automatic hydraulic operation with a single push-button activation and a mechanically activated lip. The HP's unique Gravity-Lip™ automatically extends the lip in a smooth, quiet fashion as the dockleveler descends into the trailer.

## Advanced Control and Safety

**KELLEY MASTER AND COMBO CONTROL PANELS** streamline operations and deliver the ultimate in loading dock efficiency by consolidating the controls of multiple dock components into one easy-to-use, centralized panel. Available with pre-programmed interconnect/interlock sequences, Kelley Master and Combo Control Panels increase safety and enhance dock equipment performance by ensuring that all loading dock equipment is used in the proper sequence.



Kelley Master Panels integrate all equipment controls into one simple panel, saving wiring costs and improving efficiency and safety