

F I R S T . A N D B U I L T T O L A S T .

KELLEY

A U T O M A T I C W H E E L R E S T R A I N T S

FOR TRUCKS WITH LIFT GATES, DAMAGED REAR UNDERRIDE GUARDS OR THOSE MISSING REAR UNDERRIDE GUARDS, conventional restraints just won't work. That's why Kelley offers reliable wheel restraints to secure virtually any truck or trailer configuration, assuring safe, efficient loading dock operations.

PROBLEM: How To Safely Secure Trailers — Even Those With Lift Gates, Damaged Rear Underride Guards Or No Underride Guards At All.

BECAUSE CONVENTIONAL RESTRAINT SYSTEMS depend on engaging a trailer's rear underride guard, they cannot effectively restrain *all* trailers that arrive at your docks.

20% of all trailers cannot be restrained via rear underride guards.

- Hydraulic lift gate trailers
- Trailers with badly damaged or bent rear underride guards
- Lowboy trailers that do not have rear underride guards
- Pickup trucks

In the past, the only restraint devices available for such applications were rubber wheel chocks. But wheel chocks have been proven to be ineffective, especially on loose gravel or in wet and icy conditions.



SOLUTION: Kelley **SURFACE CHOCK™** & **AUTO CHOCK®** Wheel Restraints.

TO OPERATE A SAFE DOCK that complies with OSHA requirements and offers effective restraints for all types of trucks and trailers, you need the **AUTO CHOCK** or **SURFACE CHOCK** wheel restraint systems.



Safely Secure Trailers Without Rear Underride Guards.

THE SURFACE CHOCK AND AUTO CHOCK hydraulic wheel chocking systems mark another major advancement in the continuing evolution of trailer restraints:

- Simple, reliable mechanical systems
- Engages the trailer wheels
- Positively engages virtually any trailer
- Provides continuous force to prevent trailer "creep"
- Helps prevent landing gear collapse caused by trailer movement
- Acts as a guide for incoming trucks and trailers
- Operational in all weather conditions
- Improves security — cannot be released from outside the dock

EVERY FACILITY NEEDS at least one hydraulic wheel restraint to stay in full compliance with OSHA and to provide a safer loading and unloading environment for all types of trucks and trailers.



SURFACE CHOCK™

Drive-mounted wheel chock designed to operate under the toughest conditions.

THE SURFACE CHOCK is designed to secure trucks and trailers, regardless of rear underride guard conditions. The SURFACE CHOCK is located above grade, allowing it to operate under extreme weather conditions including snow and flooding in driveway wells. And the SURFACE CHOCK does not require continuous removal of driveway debris or grade excavation for installation, making it ideal for retrofit applications. The SURFACE CHOCK also acts as a guide rail for the reversing truck.

Features

- Push-button activation
- Drive-mounted with 4" ground clearance
- Automatic wheel sensing assures secure engagement
- Hot-dipped galvanized finish
- Remote-mounted hydraulic power pack
- Sealed, waterproof 24-volt proximity switches
- No mechanical drive components
- Automatically reverses to stored position
- Integral trailer positioning guide rail
- Low-voltage exterior electrical equipment
- Power failure emergency release
- Two-speed hydraulics



Operation

The tough steel construction is designed to withstand impact by a fully loaded truck and to provide a guide rail for backing into the dock position. After the truck is in position, the chock is activated by the dock attendant through the control panel. The chock moves forward until the sensing roller contacts the rear wheels, activating the SURFACE CHOCK. The chock reverses and secures the rear wheel, clamping the truck or trailer in position. The truck is locked mechanically with a tough steel chock exerting constant hydraulic pressure.



All-Weather Performance

- Mounted above grade to operate in most extreme conditions
- Hydraulic chock can power through snow and ice build-up
- Heating element strip available



Controls & Communication

- Push-button control box
- Exterior printed communication sign
- Inside red/green/amber and outside red/green communication lights
- Solid-state programmable logic controller (PLC)

Pump/Motor Assembly

- Self-contained for efficient operation
- Remote-mounted for easy access for routine maintenance
- Uses low-temperature, zinc-free hydraulic fluid for trouble-free operation

AUTO CHOCK®

Reliable in-ground mounted hydraulic wheel restraint.

KELLEY SAFETY PRODUCTS are famous for simple design, hardworking performance and low maintenance. Our unique AUTO CHOCK wheel restraint is no exception. It has been engineered to perform in the most demanding environments and the toughest dock applications:

Features

- Flush-mounted, in-ground design
- Connects to driveway drainage system
- Electrical components are mounted inside the dock
- Chock movement keeps track clean of debris
- Self-bleeding hydraulics and self-lubrication for virtually maintenance-free operation
- 120V heat tracer cables are automatically activated to prevent ice in the housing.



Only Two Moving Parts for low maintenance and long working life.

Massive Chock is made of 1/4" structural steel; trucks can't drive over it like typical wheel chocks.

Heat Tracer Cables keep the unit free of ice and snow in winter.

Double-Acting Hydraulic Cylinder with direct-coupled motor and drive pump for trouble-free operation.

Hydraulic Hoses are protected from exposure and damage.

Operation

The AUTO CHOCK is flush-mounted in the driveway. Its surface is finished in yellow, acting as a guide stripe to assist drivers in aligning their trucks with the dock. After the truck is in position, the chock is activated by the dock attendant through the control panel. The AUTO CHOCK rises from its stored position and moves toward the dock until it makes contact with the tire. The truck is locked mechanically with a tough steel chock exerting constant hydraulic pressure.

Controls & Communication

- Exterior printed communication sign for truck drivers
- Inside and outside red/green communication lights
- L.E.D. light indicators monitor status of outside red/green lights
- Push-button control box



Pump/Motor Assembly

- Self-contained for efficient operation
- Remote-mounted for fast, easy installation
- Uses low-temperature, zinc-free hydraulic fluid



All-Weather Performance

- 120V heat cables
- Water is channeled through driveway drainage system
- Debris is removed by movement of chock

An SPX Dock Products Company

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