



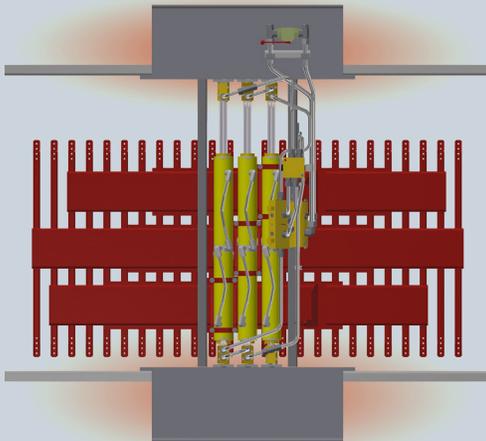
Advantages of a KEITH® RUNNING FLOOR II® Hydraulic Drive

System Design

- 50% of forces on each end of drive frame.
- Results in less flexing of chrome rods and cross drives.
- Results in less maintenance and longer system life.
- Equal forces in both directions for loading or unloading.

RUNNING FLOOR II®

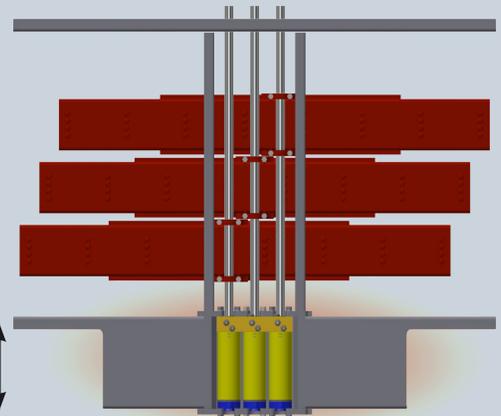
50%
of unloading
forces



50%
of unloading
forces

OTHER SYSTEMS

100%
of unloading
forces

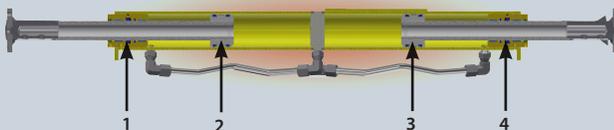


Cylinder Design

- Cylinder is a structural component of the drive frame.
- Piston rods do not move and are attached at both ends to the drive frame.
- The cylinder barrel acts to reduce the deflection from the unloading forces.
- Four point support (1,2,3,4) between cylinder heads and piston reduces deflection.

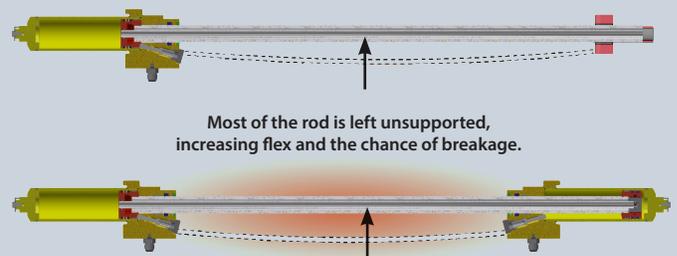
RUNNING FLOOR II®

Barrel supports large area
of chrome rod, reducing flex.



OTHER SYSTEMS

Most of the rod is left unsupported,
increasing flex and the chance of breakage.



KEITH

Learn more about KEITH® WALKING FLOOR® unloaders at
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Advantages of a KEITH® RUNNING FLOOR II® Hydraulic Drive

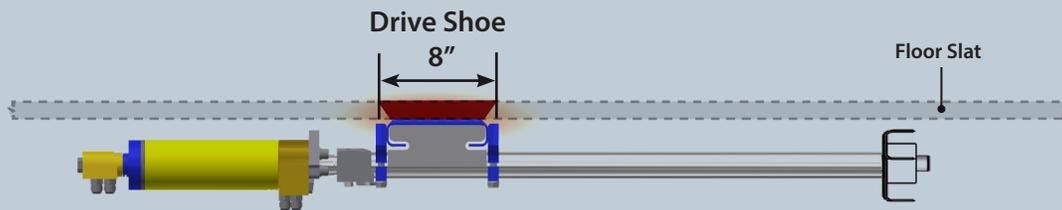
Drive Shoe Design

- Longer drive shoe design adds structural strength.
- Excellent floor slat support.
- Better distribution of unloading forces for floor slats.
- Supports load in drive area where there are no cross members.

RUNNING FLOOR II®



OTHER SYSTEMS



Running Floor II® Drive Features

- Fastest unloading speed of any moving floor system.
- Easy to troubleshoot (each valve controls only one action).
- All cylinders are individually removable and interchangeable.
- All valves are individually removable.

DRIVE CAPACITY

Standard Duty	3.0" Cylinder System	35 ton / 32 mt
Heavy Duty	3.5" Cylinder System*	50 ton / 45 mt

PUMP FLOW

Max Pump Flow	60 gpm / 227 lpm
Advised Pump Flow	45 gpm / 170 lpm

PRESSURE RATING

3000 psi / 210 bar

*Recommended for sticky materials or freezing conditions.



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