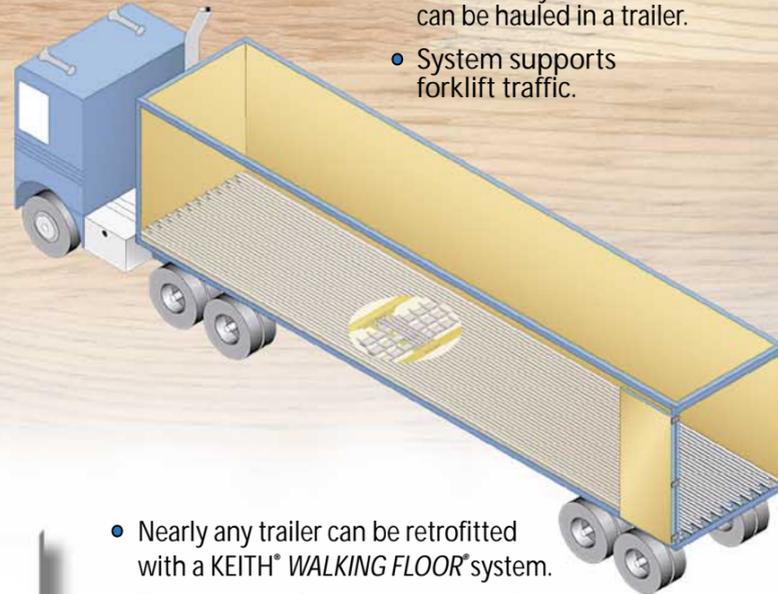




Bulk Handling Applications

Mobile Applications



- No tipper system is needed.
- Unloads any bulk material that can be hauled in a trailer.
- System supports forklift traffic.



- Nearly any trailer can be retrofitted with a KEITH® WALKING FLOOR® system.
- Trailers can be top loaded, compactor loaded and baler loaded.
- System allows unloading in one or several, smaller piles.



KEITH® WALKING FLOOR® equipped trailers provide the easiest way to unload, making them ideal for moving a wide variety of wood products.

Commitment to Excellence

Designed for dependability, KEITH® WALKING FLOOR® systems combine the finest components with quality craftsmanship. At KEITH, we assemble all of our WALKING FLOOR systems to provide maximum power, efficiency and durability. For the past 50 years, KEITH has been the leading innovator in conveying technology. With over 250 worldwide patents and more than 22,000 units operating around the globe, KEITH remains committed to producing the safest and most efficient material handling equipment available.

Bearings



- Bearing "wings" support floor slat legs.
- Made of long-lasting, low friction material.
- Requires no lubrication.
- Securely anchors the flooring.
- Increases strength of the floor.

Slats

Medium Duty applications



- Slats are available in a large selection of profiles in aluminum or steel alloys.

Heavy Duty applications



- Ridges on heavy and severe duty slats receive initial impact, increasing the life of the slat.

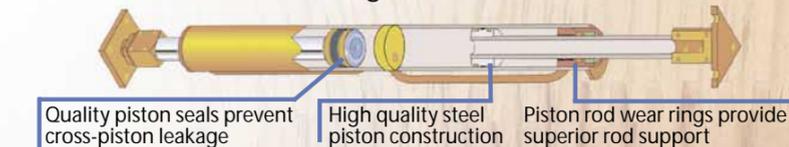
Severe Duty applications



- Slat encapsulates the bearing, reducing debris intrusion.
- Severe duty slats are reinforced with A-36 steel inserts.

Cylinders

KEITH® Running Floor II™ 3" & 3 1/2"



KEITH® WALKING FLOOR II™ 80mm & 90mm Ball Mount



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Stationary Applications

- Chips
- Saw Dust
- Hog Fuel
- Bark
- Mulch
- Sander Flour
- MDF
- OSB
- Finger Joint

Leveling Auger: Conveys material toward the back of the bin. Augers can also be arranged to convey across the width of the bin, more efficiently filling batch feed bins.

Infeed Chute: Allows simultaneous filling and discharging of bins in surge applications. Chutes located at the back of the bin are more suited to batch feeding and discharging.

Fabricated Walls & Roof: Available in combinations of mild steel, alloy and galvanized. *WALKING FLOOR* conveyors can also be retrofitted into existing bins, reusing walls and roofs.

Common Walls: Reduces cost and requires less space. Manufactured from fiberglass reinforced plywood for strength without structural reinforcement.

Slope Sheet: Provides gentle landing area and roughly aligns blocks for more efficient downstream handling. Center fill bins are available to discharge at both ends.

Bulk Wood Products Bin

Chain Curtain: Consists of 8" links, 18 pounds per foot. Controls material as it drops to the discharge auger. Doffing rolls (pictured below) are also available.



Discharge Auger: Conveys lumpy, sluggish material from the bin at a controlled rate.

- Improve plant efficiency by automating the feeding process.
- Safe enough to walk on and strong enough to drive on.
- Each system is custom engineered to your specifications.

- Ideal for conveying difficult materials.
- KEITH® systems have few moving parts, keeping maintenance to a minimum.
- Ships in large, pre-assembled sections for quick and easy installation.

Hydraulic Drive: Powers the reciprocating floor slats. Available in various sizes and configurations.

KEITH® *WALKING FLOOR*® fuel feed systems reduce maintenance and eliminate bridging and plug-up problems.



Floor Slats: Available in a wide variety of widths and materials to suit specific applications.

Support Structure: Provides 3' minimum maintenance access under bin. Concrete supports or pit mounting are optional.

Slope Shield: Seals reciprocating floor slats against the end wall and provides maintenance access to floor slats.

Discharge Pan: Allows pre-settling of blocks for even flow to the discharge chute.

Discharge Chute: Mounted at a 45° angle, improves downstream handling.

Hydraulic Power Unit

- Temperature switch has two set points, one to turn on the cooler and one to shut down the unit in case of extreme high temperatures.
- Proportional valve provides infinitely variable floor speed control.
- Flooded pump inlet reduces opportunity for cavitation or running pump dry.
- Oil containment pan collects small spills to minimize housekeeping.
- Oil heater and cooler keeps oil at proper operating temperature.
- Hydraulic system runs at minimum temperature and minimum power consumption with a variable volume, pressure compensating, load sensing pump.



Located side by side, individual *WALKING FLOOR*® bins store thousands of board feet of blocks until they are needed.



Finger Joint Block Bin

UHMW End Plug: Inserted in the end of each slat to prevent marring, giving a gentle and even discharge from the bin.