



Height alignment system adjusts trailer into its proper position.



Securely maintains trailer at accurate height and distance.



The slat latching device engages, connecting dock to trailer.



Dock and trailer slats move together, conveying the load.

KEITH® WALKING FLOOR® Dock to Trailer™ System

Streamline the material flow in the warehouse/distribution center while improving product throughput, reducing cargo damage and optimizing available resources.

The KEITH *WALKING FLOOR* Dock to Trailer System integrates the warehouse and transportation environments by fully automating both functions. Both dock and trailer are outfitted with a patented *WALKING FLOOR* unloader.

WALKING FLOOR technology is a hydraulically driven, moving floor conveyor. Placing this system at the loading dock allows for the pre-staging of transported goods, with or without the presence of the trailer. The *WALKING FLOOR* conveyor automatically moves the goods forward, allowing for the placement of the next load. This allows materials to be grouped in advance for efficient handling and pre-staging.



KEITH® WALKING FLOOR® Technology

Dimensions		Configurations Vary
Dock Effective Length:	<i>Custom, variable</i>	
Dock Effective Width:	<i>Custom, variable</i>	
Technical Data		<p>Built to almost any length.</p>
Drive Type: <i>Four Cylinder Continuous</i>		
Slat Material: <i>6061-T6 Aluminum</i>		
Maximum Load/Unload Speed: <i>12-14 Feet Per Minute</i>		
Maximum Load Capacity: <i>Customer's Specifications</i>		



Loads are quickly conveyed without the assistance of lift trucks.



Loading is complete.



Truck is loaded and ready to go.

Increase warehouse efficiency with a KEITH® *WALKING FLOOR*® Dock to Trailer™ System.

- Reduce load/unload times and minimize the cycle time by pre-staging loads.
- Increase safety of loading dock area.
- Decrease operational costs by eliminating double handling of goods.
- Maximize resources, including employees, rolling stock and, most importantly, time.
- Improve efficiency by integrating warehouse and transportation process.
- Reduce product damage because loads are conveyed past the trailer threshold without the assistance of lift trucks, removing the greatest cause of cargo and equipment damage.

The *WALKING FLOOR* unloader provides for the seamless transition of materials between the dock and trailer by smoothly and efficiently transferring freight from the loading dock into the trailer or from the trailer onto the loading dock.

Specialized door hinges enable the trailer to be opened directly at the dock, saving time during the loading/unloading process.

Slat latching device allows the dock and trailer slats to move in unison, conveying the load. (see figure 1)

At the dock, the *WALKING FLOOR* conveying system can be installed in a variety of configurations, including flush mounted within the dock's floor; attached to a bay; or detached for use as a portable docking system.

Additional Benefits

- Conveys a variety of goods, including pallets, bales, rolls, bulk materials, slip sheets, boxes and crates.
- An automatic alignment process properly positions trailer to dock.
- System is safe for employees to walk on, even while operating.
- Hydraulic drive unit is low in maintenance.
- Touch-screen control panel is easy to operate.
- Lightweight trailer design provides optimal payload.



figure 1

Slat Latching Device



