



# THE KEITH® RUNNING FLOOR II® DRIVE



## THE KEITH® RUNNING FLOOR II® DRIVE

has set the standard worldwide in horizontal unloading technology.

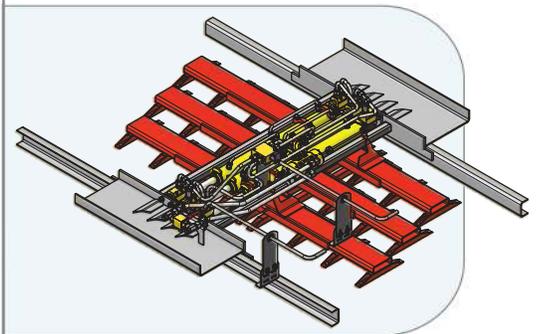
- Durable and dependable construction.
- Simple installation.
- Low maintenance.
- Fast unloading speed.
- Aluminum components are protected from corrosion.
- Interchangeable cylinders are easy to remove for service.
- Suitable for trailers with any size cross members.
- Externally mounted valve assemblies are easy to access.
- The barrel is extended, providing greater strength.
- The most reliable drive unit ever installed in a *WALKING FLOOR*® unloader.

KEITH, the creator of *WALKING FLOOR*® technology, provides custom unloading systems for specialized applications worldwide.

## KEITH MANUFACTURING CO

### IDEAL FOR UNLOADING

- Refuse
- Recyclables
- Wood Products
- Grain
- Soil



Hydraulic cylinders feature two rods and two pistons for performance.





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### Hydraulic Drive Unit Specifications

Cylinder Bore Size	3.0" or 3.5" [76 mm or 89mm]
Cylinder Stroke	10" [255 mm]
Maximum Working Pressure	3000 PSI [210 bar]
Maximum Pump Flow	60 gallon/min [227 l/min]
Load Capacity	3.0" -35 Tons 3.5"- 50 Tons

Pump Flow gal/minute	Floor Speed ft/minute *	Unloading Time / 45 ft Trailer [13.7 m]
30 g/minute [114 l/minute]	8.2 ft/minute [2.3 m/minute]	7-8 minutes
45 g/minute [170 l/minute]	12.5 ft/minute [3.8 m/minute]	5-6 minutes
60 g/minute [227 l/minute]	16.4 ft/minute [5 m/minute]	3-4 minutes

\* Unload/Load times may vary with length of trailer, material type, or other environmental variables.

### FEATURES

#### Innovative Valve Design

- Valve assemblies are easily removed for maintenance.
- Patented switching valve design provides excellent resistance to dirt and foreign material.
- Requires less maintenance and repair than other brands.

#### Superior Cylinder Design and Construction

- All three double cylinders are independently removable for ease of maintenance.
- The barrel, not the rod, is indexed for increased strength.
- The only system with two rods and two pistons for maximum performance.

#### Drive Design

- Cross-drives are mounted to the cylinder barrels, reducing flexing during high-speed operation.
- Drive unit is virtually maintenance free.
- Designed for easy installation and service.

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