

THE KEITH®

# LEAKPROOF LP III DRIVE

*Superior By Design.*



**KEITH®**  
**WALKING FLOOR®**  
MATERIAL HANDLING TECHNOLOGY

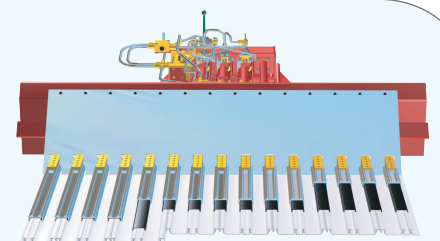
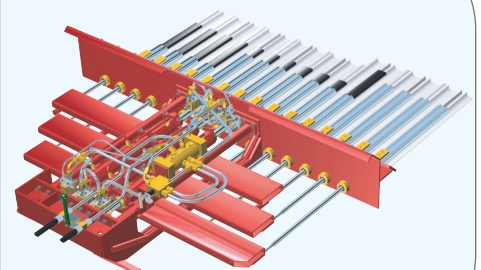
## **IDEAL FOR HIGH-MOISTURE LOADS**

- Municipal Solid Waste
- Medical Waste
- Silage
- Cannery Waste

SAME RELIABLE WALKING FLOOR® TECHNOLOGY as the KEITH® Running Floor II® drive, which has set the standard worldwide in horizontal unloading.

- **Ponding ability of up to twelve inches.**
- **Designed for superior clean out.**
- **Sealed, interlocking leak-proof sub-deck hold liquids inside trailer.**
- **Fast unloading speed.**
- **Drive unit chamber is separate, free from exposure to corrosive liquids.**
- **Interchangeable cylinders are easy to remove for service.**
- **Durable and low in maintenance.**
- **Hydraulic cylinders feature two rods and two pistons for performance.**
- **Chromation helps protect aluminum components of the drive unit from corrosion.**
- **Front mounted drive unit.**
- **LeakProof Series flooring can be top or rear loaded and is compactor compatible.**

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



# LEAKPROOF III Series Model 15 Slat/Plank System

## Hydraulic Drive Unit Specifications

Cylinder Bore Size	80 mm
Cylinder Stroke	152 mm
Maximum Working Pressure	250 bars
Maximum Pump Flow	228 L
Load Capacity	Exceeds Legal Limit

Pump Flow L/minute	Floor Speed M/minute	Unloading Time/13.5 Mtr. Trailer
110 L/minute	2.0 M/minute	6.8 minutes
150 L/minute	3.0 M/minute	4.7 minutes
170 L/minute	3.3 M/minute	4.2 minutes
210 L/minute	4.0 M/minute	3.4 minutes
225 L/minute	4.4 M/minute	3.1 minutes

## FEATURES

### Innovative Valve Design

- Valve assemblies are easily removed for maintenance.
- Patented switching valve design provides excellent tolerance of dirt and foreign material.
- Pilot operated switching valve eliminates need for switching valve adjustment.
- 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, eliminating flexing of the rod during high-speed operation.
- Drive unit is virtually maintenance free.
- Designed for easy installation and service.

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#### KEITH Mfg. Co. WORLD HEADQUARTERS

sales@keithwalkingfloor.com  
Madras, OR USA  
Ph: (541) 475-3802  
Fax: (541) 475-2169

#### CANADA

wfi.canada@sympatico.ca  
Brantford, ON  
Ph: (519) 756-9178  
Fax: (519) 756-0687

#### MEXICO

kmc\_mexico@keithwalkingfloor.com  
San Vicente Chicoloapán, Edo. de México C.P.  
Ph: (52) (55) 9112 8000  
Fax: (52) (55) 9112 9100

#### AUSTRALIA

dyoungs@keithwalkingfloor.com  
Wagga Wagga, NSW  
Ph: 02 69226888  
Fax: 02 69226111

#### KEITH WALKING FLOOR Europe

##### THE NETHERLANDS

sales@keithwalkingfloor.nl  
Barneveld  
Ph: (+31) 342 422007  
Fax: (+31) 342 422180

##### SPAIN

serviciopostventa@keithwalkingfloor.com  
Rossello (Lleida)  
Ph: (+34) 973 732778  
Fax: (+34) 973 730510

##### UNITED KINGDOM

mallan@keithwalkingfloor.com  
Dalton, Huddersfield, West Yorkshire  
Ph: (+44) 7771 990404  
Fax: (+44) 1482 648614

[www.keithwalkingfloor.com](http://www.keithwalkingfloor.com)