

The KEITH Advantage



- Low Maintenance Requirements
- Maintenance Can Be Performed Without Need to Remove Ice
- Never Need To Enter "Food Zone" For Maintenance, Ensuring Sanitary Conditions
- Fasteners Located Outside For Easy Visual Inspection
- Drive Unit Located Under Floor, Away from Ice
- Floor Slats Attach Underneath Bin For Easy Maintenance
- System Won't Operate If Access Door Is Open

Improve efficiency and automate ice delivery with a KEITH® WALKING FLOOR® Ice Storage & Conveying system. KEITH systems provide a true first in, first out (FIFO) ice rotation, ensuring an easy clean-up process.



Packaged Ice

Used as a surge bin, a KEITH® WALKING FLOOR® Ice Storage & Conveying System provides a true FIFO flow. The unique angle of the comb reduces product damage. Benefits include higher quality ice, no ice buildup and low maintenance.

Poultry Ice

Automate the ice delivery process, reducing labor requirements. It also eliminates the need for a floor auger. Instead, an enclosed auger delivers ice to the downstream equipment, improving employee safety.



Fish Ice

Large capacity bins store ice, ensuring the quick processing of highly perishable seafood products. Ice delivery is fast and efficient. Systems easily handle crushed, flake or plate ice.



Produce Ice

Maintain peak freshness of fruits and vegetables by delivering ice to where produce is harvested. Easy to operate and low in maintenance, bins provide a simple and efficient ice storage system.



Industrial Ice

Ice can be delivered directly at the concrete batching plant with onsite ice storage and conveying systems. Systems can also be used in medical and therapeutic applications.

The KEITH Process

We are dedicated to designing, engineering, manufacturing and assembling KEITH® WALKING FLOOR® Ice Storage & Conveying Systems to the highest standards. To ensure quality control, KEITH manages each step of the process.



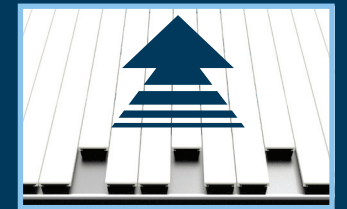
- Standard & Custom Bin Configurations Available
- Each System is Assembled In-House Prior To Shipping
- Hydraulic Components Assembled & Tested During Manufacturing
- Specialty UHMW Coating For Floor Slats is Applied In-House
- Technicians Available for Installation Supervision, Start-Up, Maintenance & Support

Standard Discharge Rates

Screw OD	Max Discharge Rate Ton/Hr	Max Discharge Rate lb/Min
9"	17	567
10"	24	800
12"	44	1,466

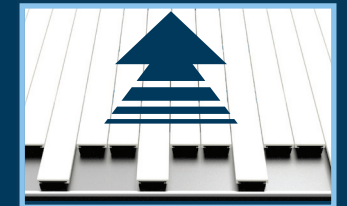
* Each bin is custom engineered and can be designed in various configurations.

How the KEITH® WALKING FLOOR® System Works



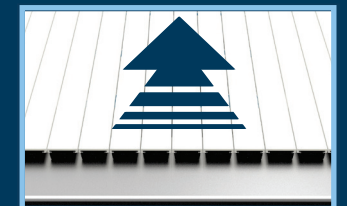
The **first** group of every third slat moves under the load.

LOAD DOES NOT MOVE



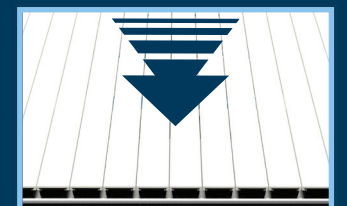
The **second** group of every third slat moves under the load.

LOAD DOES NOT MOVE



The **final** group of every third slat moves under the load.

LOAD DOES NOT MOVE

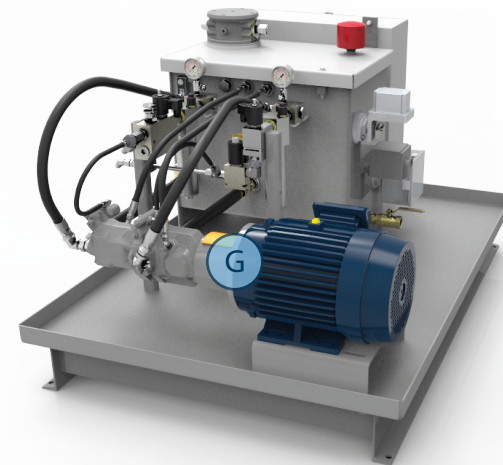
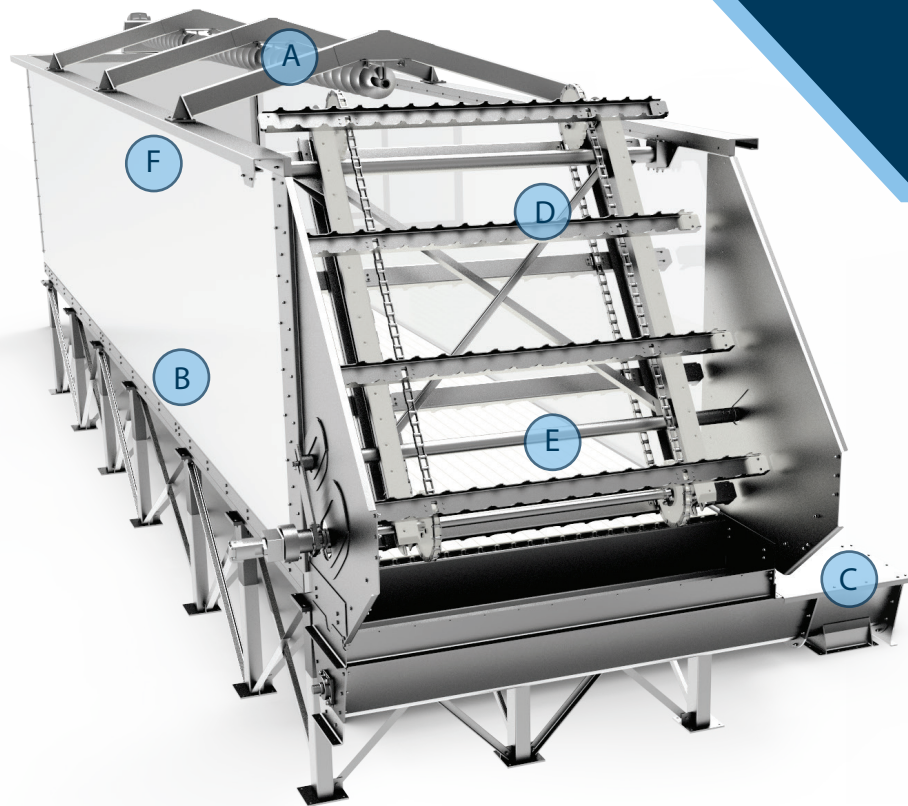


All slats move together.

LOAD MOVES TOWARD THE DISCHARGE END

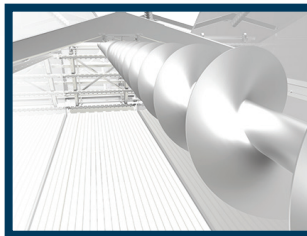
ICE BIN FEATURES

ICE STORAGE AND CONVEYING



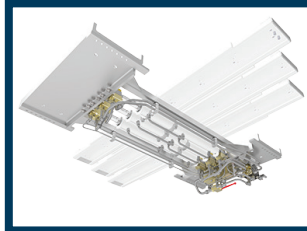
A Leveling Screw

- Maintains An Even Flow Of Ice
- Ensures Maximum Bin Capacity
- Assists in FIFO Product Rotation



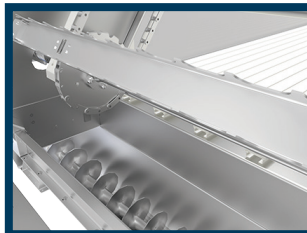
B Drive Unit

- Located Under Floor, Away From Ice
- Low Maintenance
- Patented KEITH® technology



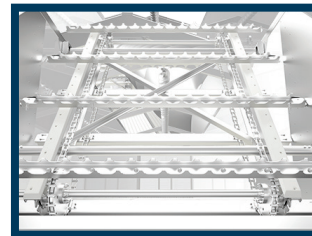
C Discharge

- Sensor Ensures Consistent Discharge
- First In, First Out Product Rotation
- Enclosed Auger Delivers Ice Without Manual Intervention
- Provides Uninterrupted Flow of Ice



D Hydraulic Comb

- Comb Is Angled for Maximum Flow
- Designed For Gentle Material Handling
- Re-Fractures Ice For Downstream Operations
- Powered By Variable Speed Pump



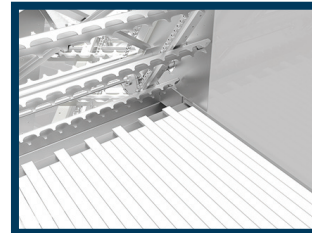
E Floor Slats

- FDA & USDA Approved Materials
- Self-Lubricating Bearings
- Conveys Plate, Tube, Crushed, & Flaked Ice
- Eliminates Ice Build Up



F Walls

- Self-Releasing FDA Approved Coating
- Gel-Coating Prevents Ice From Freezing To Sides
- Capacity and Output Suited to Individual Needs



G Hydraulic Power Unit

- Two Isolated Pumps For Comb & Drive
- Cast Iron, Industrial Duty TEFC (Totally Enclosed Fan Cooled Motor)
- Oil Containment Pan With Drain Valve



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