



schenckAccuRate



**SacMaster® Bulk Bag
Discharge System**

SacMaster® Bulk Bag Discharge System

Schenck AccuRate's SacMaster® Bulk Bag Discharge System offers flexibility with its three different loading options. The Model FTL is ideal for fork truck loading, the Model CHL is configured for overhead hoist loading, and the Model DHL is a dedicated hoist loading system. All three models are widely used for material handling in a variety of industries including plastics, food, chemical, paint, cement, gypsum, and detergents.

STANDARD FEATURES AND BENEFITS:

- "Posi-Flow" agitation to eliminate material bridging and promote full bag emptying.
- Two agitation and two pivoting paddles for full bag support.
- Modular design for easy system customization and compatibility.
- Maximum module height of 96" for economical shipping and easy handling.
- Preprogrammed control - minimum set up required.
- Bag lifting frames on FTL, CHL, and DHL models.
- Motorized hoist and trolley on DHL model.

AGITATION:

- "Posi-Flow" agitation paddles massage the sides and bottom of bag to coerce the material to flow through the spout efficiently.
- Preprogrammed agitation control settings that do not require on-site set-up of timers or switches.
- More efficient use of air supply as both extension and retraction of the cylinder are used for agitation.
- Better control of cylinder actuation and agitation cycle reduces possibility for material compaction in the bag.
- Pivot support paddles in addition to "Posi-Flow" paddles completely support the bag.
- Cold-rolled steel agitation paddles with stainless steel pivot pins in brass bushings require no lubrication.

U.S. Patent 6,186,360

BAG CAPACITIES:

- 4,000 lb. bag maximum.
- 43" x 43" x 72" maximum bag size.
- 31" x 31" x 48" minimum bag size.
- Spout diameter up to 24".
- Custom designs for special bags available.

AGITATION CONTROL:

Power: 115V or 230V, 50/60 Hz
Remote start/stop input
(12 to 24 VDC)
Low bulk bag level alarm output
(Relay Contact)
UL/ULC listed

AIR CYLINDERS:

- Permanent lubrication with replaceable seals.
- 80 psi required, 5 CFM minimum.
Lubricated air not required.
- Aluminum housing.
- Chrome plated rod.
- Single 1/4" NPT air connection.

ENVIRONMENTAL SPECIFICATIONS:

Framework: 3" x 3" square tubing supports
feeder, hopper, and bulk bag.
Shipping Weights: Agitation Module - 1,000 lbs.
DHL Hoist Module - 1,250 lbs.
CHL Positioning Guide - 100 lbs.
FTL Module - 850 lbs.

For more information, please contact us at 1-800-558-0184 or Fax: 262-473-4384

E-mail: mktg@accuratefeeders.com

Web site: www.accuratefeeders.com or www.schenckamericas.com

SACMASTER® OPTIONAL COMPONENTS:

- Dust containment system.
- Refill hopper with valve.
- Bag liner clamp.
- Riser module for increasing discharge height.
- Stainless steel upgrade.
- Special paint options.
- Bag frame weigh module kit.
- X-proof configuration.

BAG-LIFTING MECHANICS: *(optional for FTL Model only)*

- Automatic lifting of the loading shelf assists with complete bag emptying.

- Three pneumatic air springs, plumbed together, lift the shelf uniformly without binding as compared to independent springs with nested tubes.
- Design of loading shelf easily accepts bag-lifting frame and does not require intricate docking maneuvers.
- Rugged design of air springs has no sliding parts, no seals to wear out, and no gas charge to maintain.

DHL HOIST MOTOR SPECIFICATIONS:

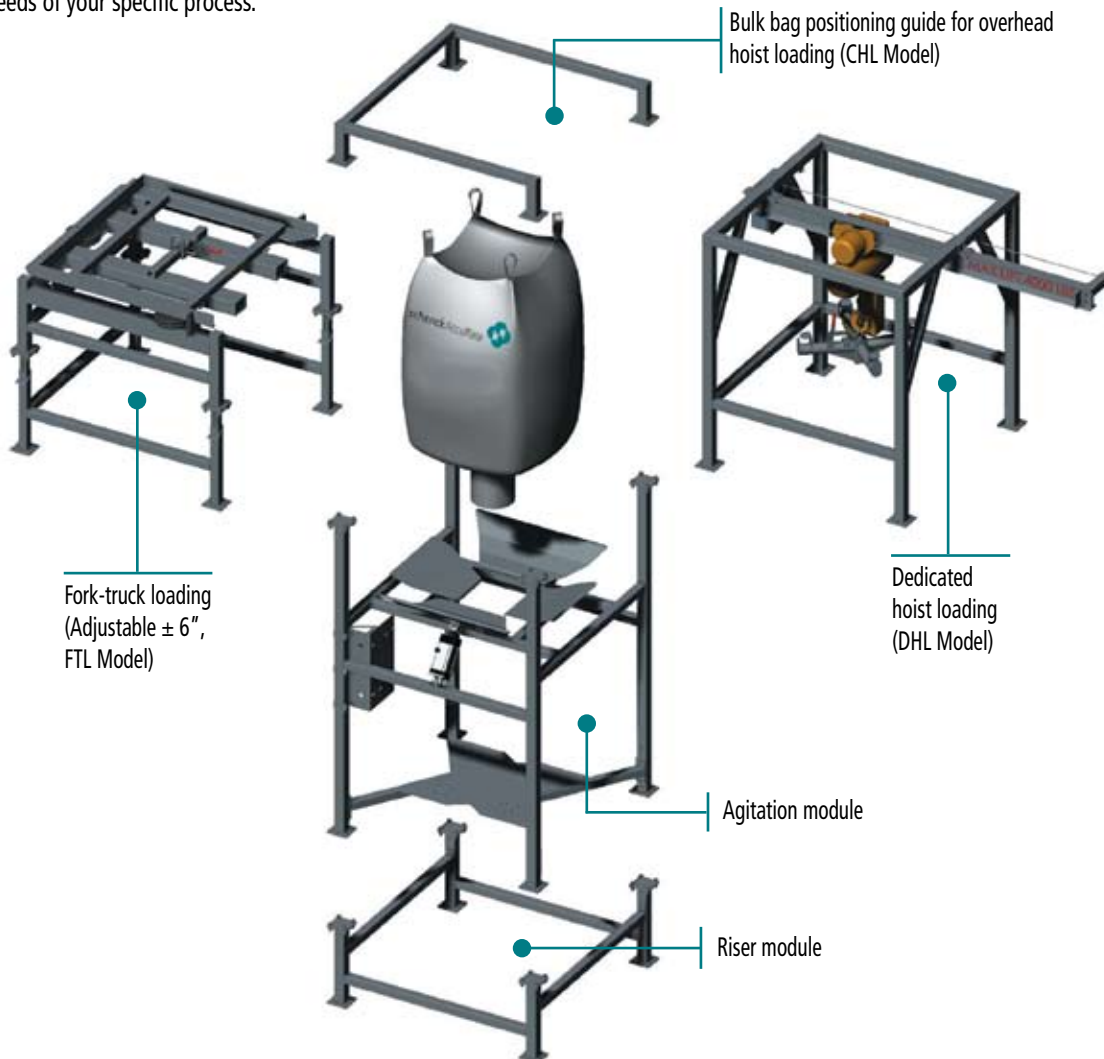
Power: 460V, 3 phase, 60Hz, 2.4hp motor, 15' lift, 14fpm

DHL TROLLEY MOTOR SPECIFICATIONS:

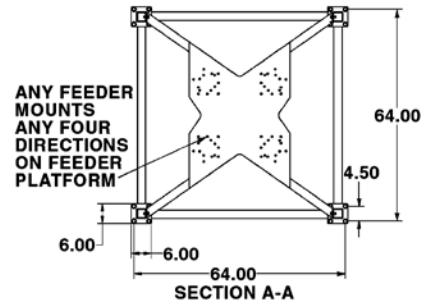
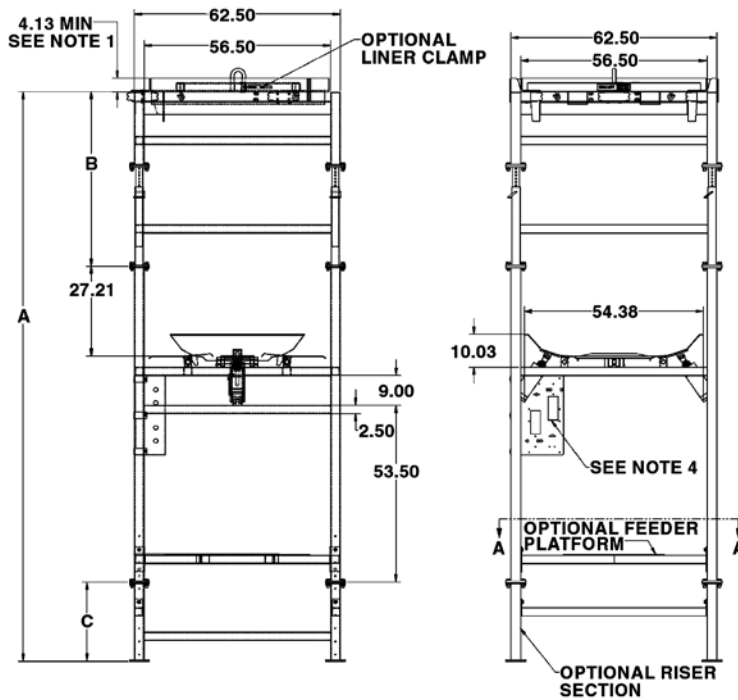
Power: 460V, 3 phase, 60Hz, .5hp motor, 8fpm travel speed

Modular Concept Offers System Versatility

SacMaster®'s modular design offers you the flexibility to develop a system that meets the needs of your specific process.



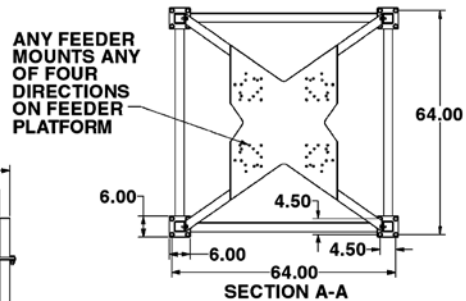
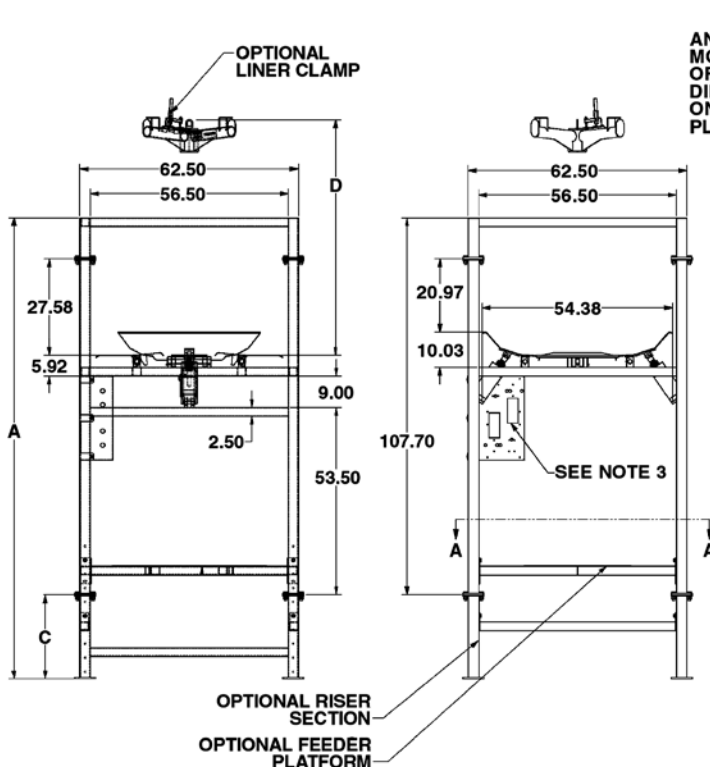
Model FTL Dimensions



1. A minimum of 12" clearance above frame must be maintained for bag loading and tensioning. Clearance for fork truck mast must also be considered.
2. Dimension A height.
136.5" if 48" bag is used. (Dim B = 41")
148.5" if 60" bag is used. (Dim B = 53")
160.5" if 72" bag is used. (Dim B = 65")
Dimension B is +/- 6"
Add 12", 24", 36" or 48" for riser.
3. Dimension C (riser heights)
12"
24"
36"
48"
4. Control station can be located at various heights and locations on corner posts.
5. Dimensions are in inches.

Reference drawings only. Dimensions subject to change without notice. Please contact sales for detailed drawings.

Model CHL Dimensions

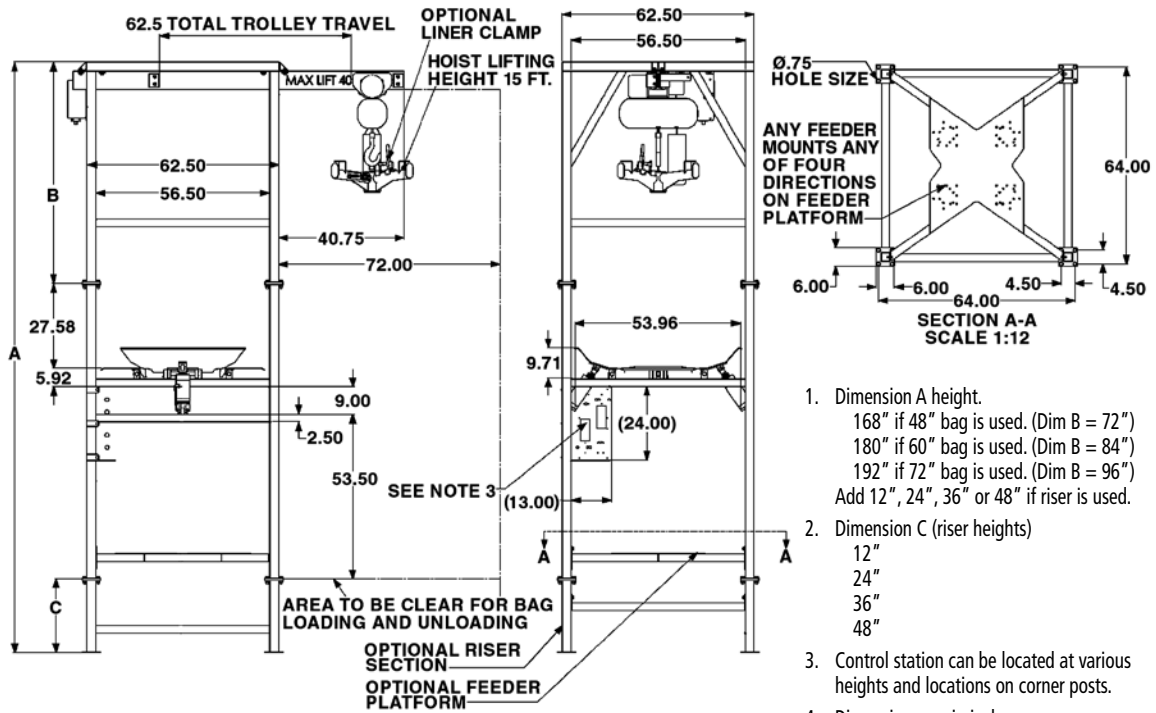


1. Dimension A height = 108".
Add 12", 24", 36" or 48" for riser.
2. Dimension C (riser heights)
12"
24"
36"
48"
3. Control station can be located on various heights and locations on corner posts.
4. Dimensions are in inches.
5. Dimension D (the minimum distance from inside bottom of hoist hook to allow clearance for bag to travel in and out of frame):
61" if 48" bag is used
73" if 60" bag is used
85" if 72" bag is used

Reference drawings only. Dimensions subject to change without notice. Please contact sales for detailed drawings.

SacMaster® Bulk Bag Discharge System

Model DHL Dimensions



1. Dimension A height.
 168" if 48" bag is used. (Dim B = 72")
 180" if 60" bag is used. (Dim B = 84")
 192" if 72" bag is used. (Dim B = 96")
 Add 12", 24", 36" or 48" if riser is used.
2. Dimension C (riser heights)
 12"
 24"
 36"
 48"
3. Control station can be located at various heights and locations on corner posts.
4. Dimensions are in inches.

Reference drawings only. Dimensions subject to change without notice. Please contact sales for detailed drawings.

Specifications

Bulk Bag Discharge Loss-In-Weight

Along with its bulk bag discharging capabilities, Schenck AccuRate offers a complete loss-in-weight system. The integrated system includes a dust sock for reducing airborne materials and an integral refill hopper, which comes in both industrial and sanitary versions. A refill gate and flex connector ensure that the proper amount of material is being discharged from the bag into the feeder. The loss-in-weight feeder control meters the material according to the programmed specifications. By using a Schenck AccuRate bulk bag discharging loss-in-weight system you receive the benefits of improved accuracies, easier bag disposal, and reduced operator involvement.

