

Bulk Bag Unloader



COMPONENTS



BULK



MINORS



LIQUIDS



CONTROLS



SITE SERVICES



SHICK
ESTEVE™
LINXIS GROUP

Bulk Bag Unloader

INFORMATION

Shick Esteve's Bulk Bag Unloader is designed with a modular frame system that adapts easily to a processor's specific discharge requirements and space constraints. The frame system can be installed as a complete unit or in sections that are assembled on site. The Bulk Bag Unloader's modular frame system and discharge components can be designed for low headroom applications/installations.

The Bulk Bag system is fitted with the correct discharge device to efficiently unload ingredients with a variety of flow characteristics handled in bulk bags. As part of the system, two types of discharge options are available to handle the most demanding applications. Shick Esteve has a full scale test and demonstration lab to ensure the optimal configuration/design for your application.



STANDARD FEATURES

Frame: Available as a single or double unit, welded construction or as a bolt-together assembly. All bag lifting/positioning is performed between the frame legs, eliminating the requirement for a long cantilevered I-beam/hoist system. As a result, the frame provides a more stable structure, free from cross-bracing. This permits easy access for operation, cleaning and maintenance.

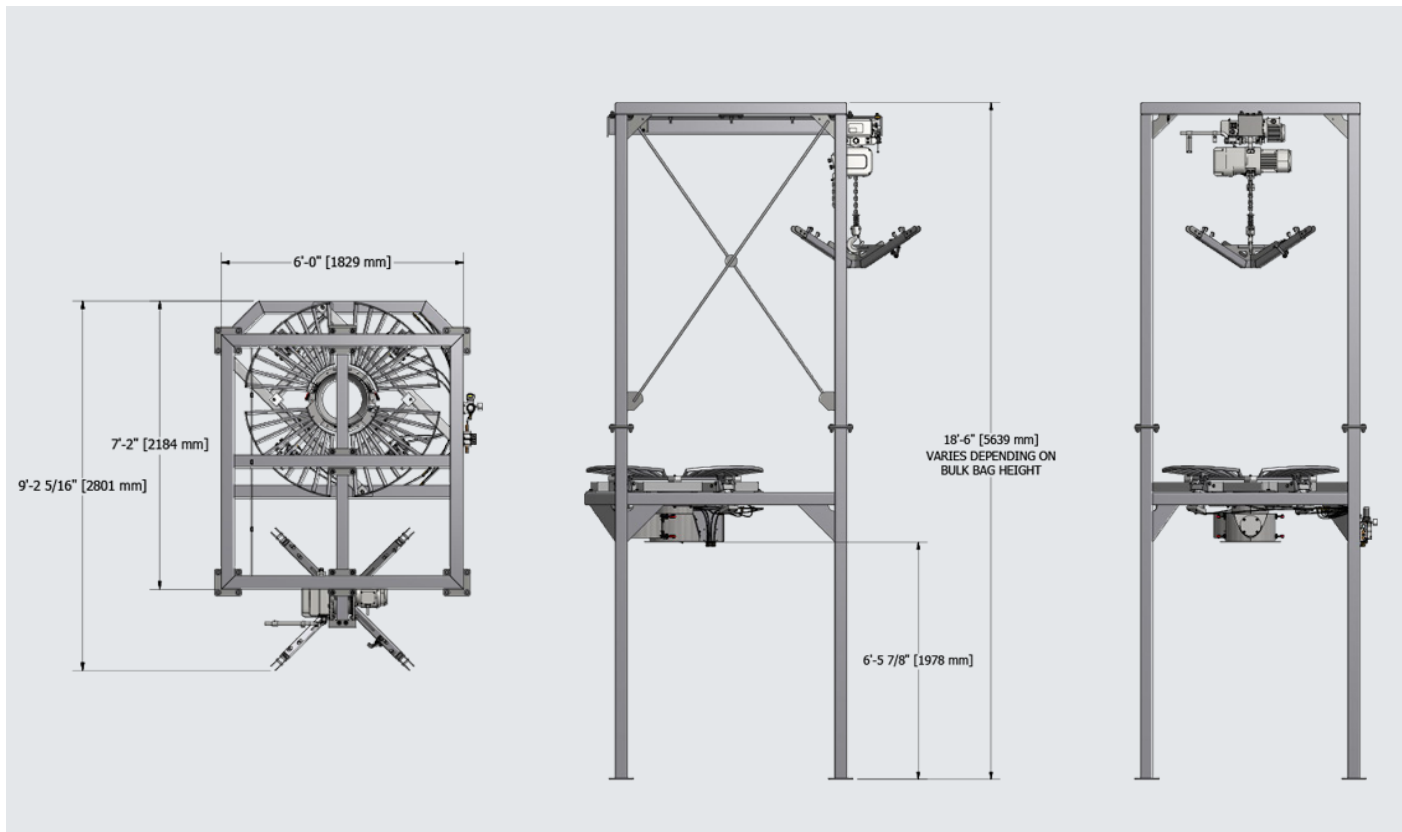
Application flexibility: The Shick Bulk Bag Unloader can be assembled with a double door tie box or an air-lift tie box for accommodating a variety of bag neck sizes. The type of tie box is selected based on the bag neck size and the type of ingredients.

Safety and ergonomics: The design of the I-beam and hoist system ensures that the bag is within the frame when it is lifted or moved. The tethered control pendant allows the operator to be positioned for proper viewing of the bag during lifting and moving.

NEMA: Standard offering is 4 (4X, 7 and 9 are available)

Materials of construction: Horizontal frames made of 3" square structural tubing, support posts made of 4" square structural tubing. Available in an epoxy coated carbon steel and 304 S/S.

Schematics: Bulk Bag Unloader



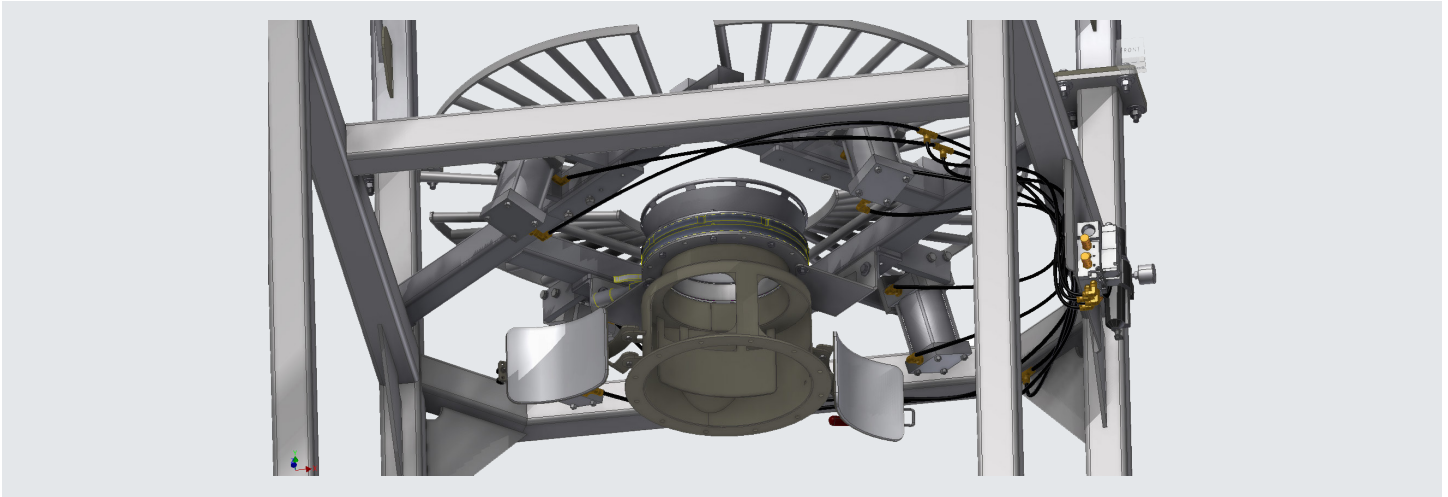
Attachments/Options:

- Fork truck loading assembly
- Weighing/dispensing controls
- Combination bag dump/sifter

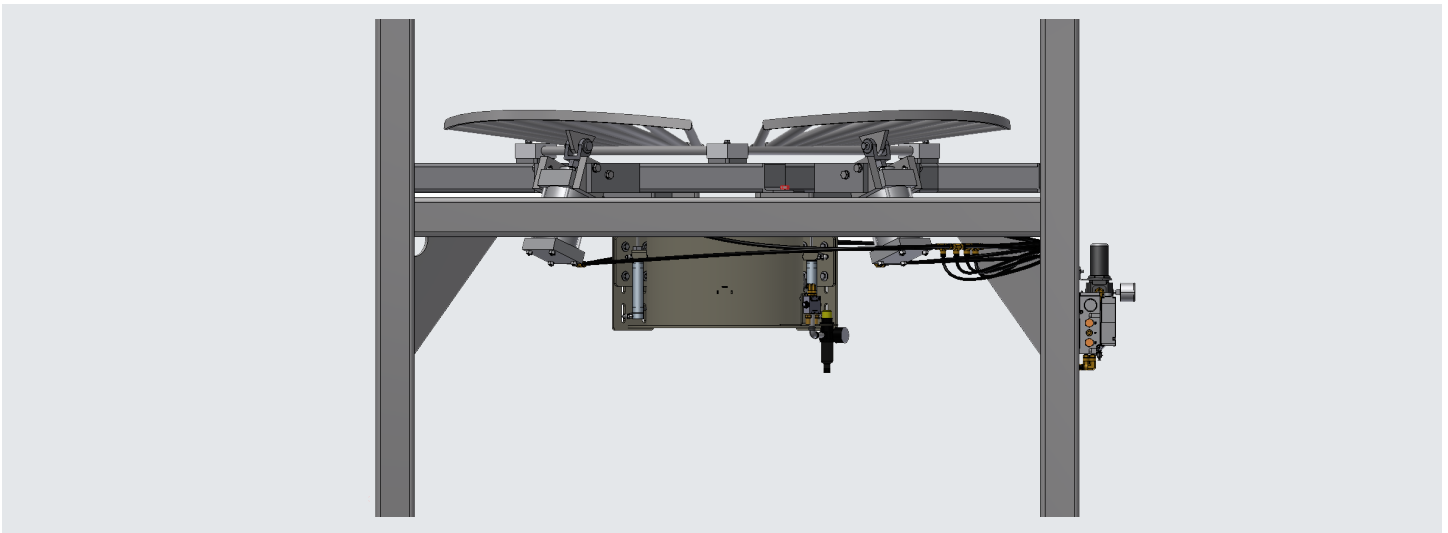
- Bag bottom agitation
- Liner tensioning (manual/air)
- MQC Filter assembly for handling blow-by air, providing dust-free operation

- Iris valve assembly (manual/automatic)
- Tethered pendant control

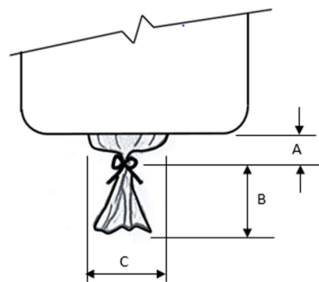
Standard design: Double door tie box



Standard design: Air lift tie box



Bag neck dimensions

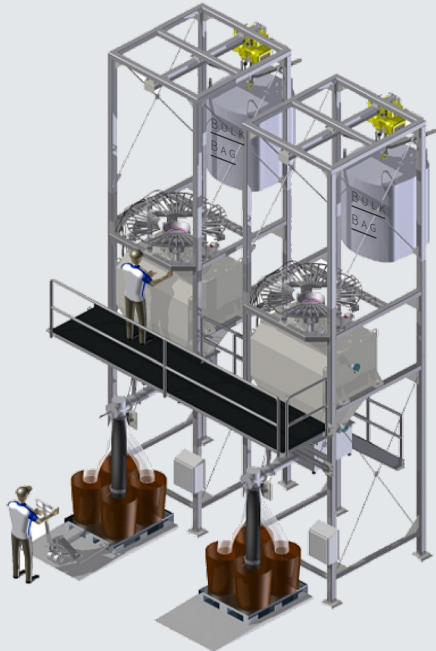


Minimum Requirements in Inches

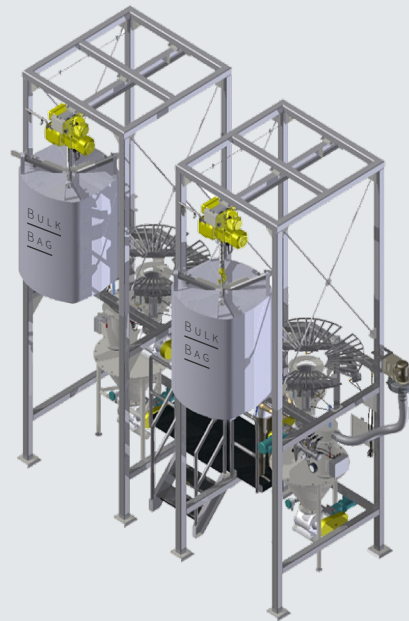
	Double Door	Air Lift
A	6	6
B	4	9
C	No Minimum	13

The distance from the tie string to the end of the bag neck (dimension B) determines the ability to use a bag with the air lift tie box.

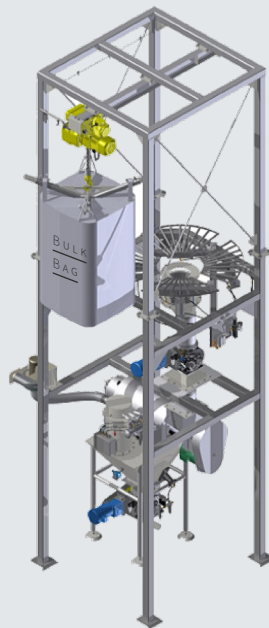
Examples of special applications



Bulk Bag Unloader with high capacity surge hoppers allows bulk bag change out without interruption in production.



Bulk Bag Unloader with vented hopper and integral MQC Filter on a pressure system allows dust-free operation.



Bulk Bag Unloader with centrifugal sifter and integral MQC Filter.

shickesteve.com

4346 Clary Blvd, Kansas City, MO 64130, USA

O: 816 861 7224

info@shickesteve.com

shickesteve.fr

4 place des Noyers 18220 RIANS, France

Tel: +33 (0) 2 48 66 60 60

info@esteve.fr