

VIBRA SCREW, INC. BULK BAG UNLOADERS



BULK BAG UNLOADERS

The Vibra Screw Bulk Bag Unloader provides a safe, dust-free and convenient way to handle and discharge bulk bag. It is available in several configurations to accommodate all styles of bags and all discharge requirements.

With models, options and accessories, Vibra Screw offers choices from a simple unit to complete systems.

A simple Bulk Bag Unloader includes a receiving hopper and frame for customer-supported bags. A complete bag handling system might include integral bag hoist and trolley and all necessary material-handling accessory equipment.

The Vibra Screw Bulk Bag Unloader makes handling of bulk bags finally practical by:

- Providing an easy and safe method to lift, support and discharge bulk bags.
- Eliminating dust and spillage associated with other methods of bag handling.
- Permitting controlled, regulated discharge with a variety of feed devices and weighing options.



Model 1-VHD

Model 2-VHD with adjustable bag support frame

Model 2-VHD with integral hoist & trolley

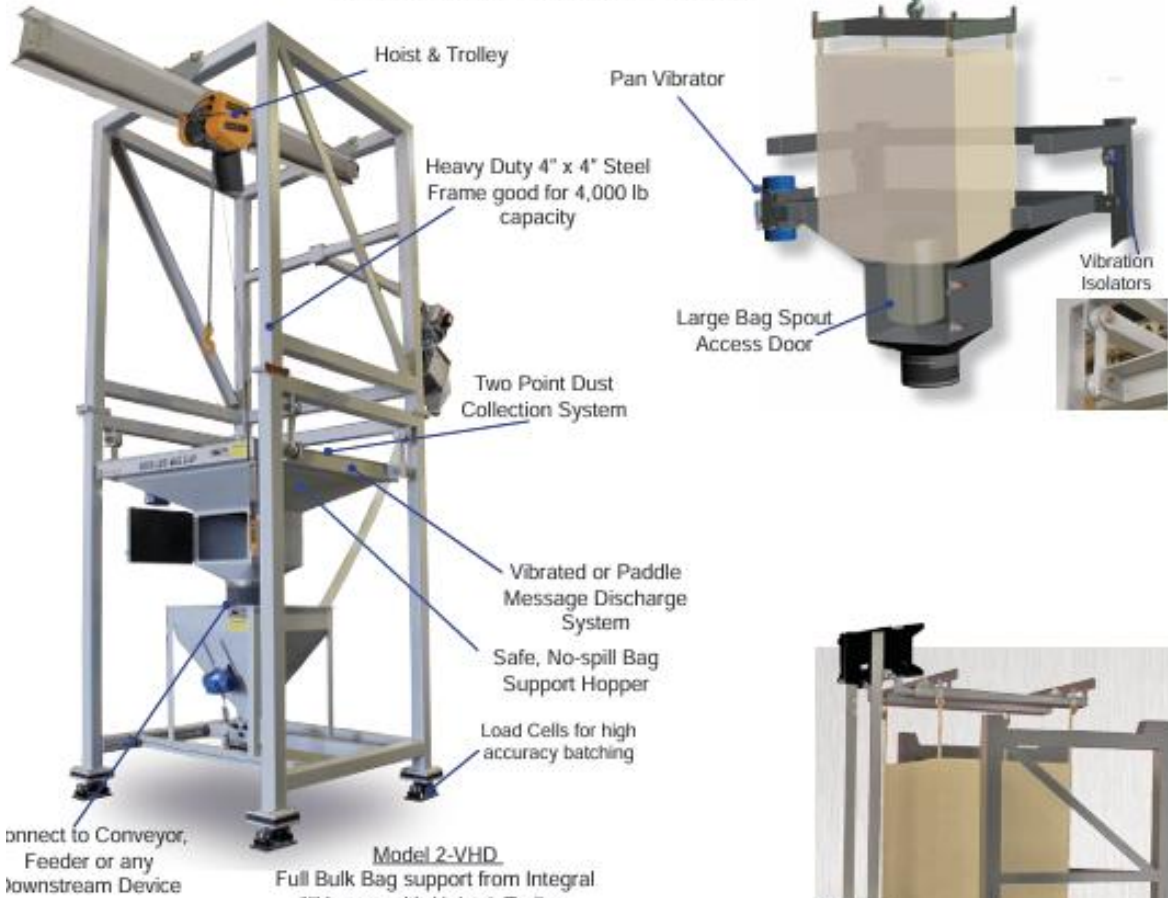


Multiple ingredient batch and feed systems



Model 2-VHD Bulk Bag Unloader with Live Bottom Bin surge bin and Heavy Duty Screw Feeder

Choose from a Broad Range of Models and Features
Design your Vibra Screw Bulk Bag Unloader installation to suit your particular needs



An efficient fork lift compatible, bag lifting adapter and integral support frame allow operators to utilize lift trucks to place bags into position on the discharge hopper. Specify an adjustable height frame, and you can change the working height up to thirty percent, an important feature for variable size bags

BULK BAG UNLOADER OPTIONS and FEATURES



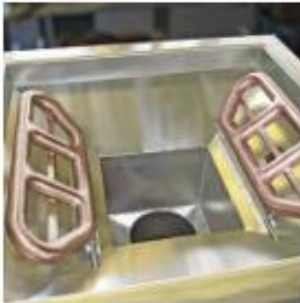
Bag Spout Access Door

18" x 20" access door with quick clamps.
Two door access is also available
as an option



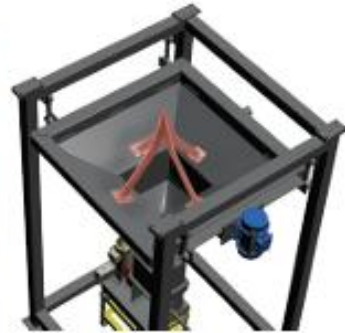
Support Frame Enclosure

Fully enclosed Bulk Bag Support Frame
(optional)



Massaging Paddles

Bulk Bag Massaging paddles (bar type) pneumatically operated, using two air cylinders. Provides a means to condition the bag to enhance material flow out of the bag. Air operated, air set, filter regulator, solenoid valves operated by two timers for on/off operation



Bag Slitters

Designed for one way bags that have no outlet or standard bags with an outlet. Used only with vibrated hopper bottom to assure maximum material flow.



Paper Bag Dump Station

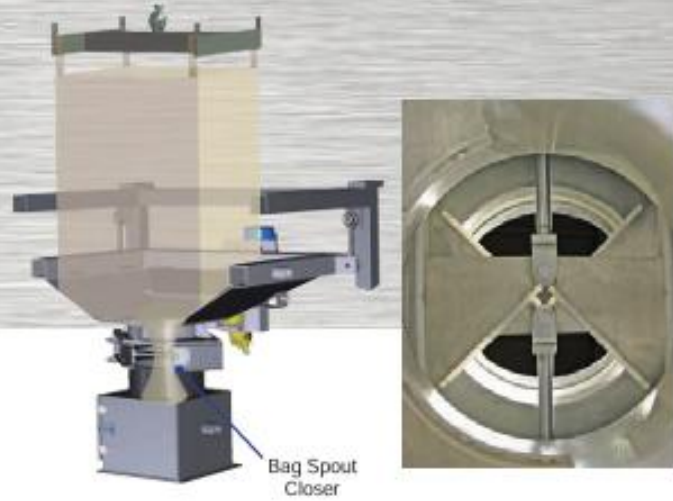
Paper Bag Dump station mounted under the outlet of a Bulk Bag Unloader allows minor ingredient to be added to the same flow stream as the material from the Bulk Bag.



Material Surge Bins

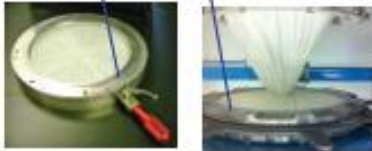
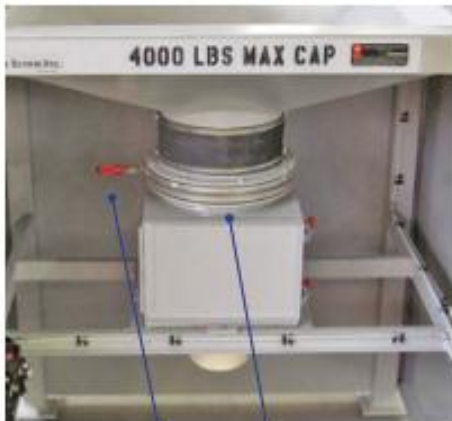
Live Bottom Bin can be mounted integral to the Bulk Bag Unloader frame in sizes from 5 to 100 cubic ft capacity. Assures down stream equipment will not run out of material during bag change over.

BULK BAG UNLOADER OPTIONS and FEATURES



Bag Spout Closer Pinch Valve

Pneumatic Bulk Bag outlet spout closer. This option provides a means to seal the bag off and re-tie or to simply stop flow of material to the process. The valve is actuated with two pneumatic cylinders that move the v-formed plates toward each other. This bunches and pinches the bag off at the bag outlet spout. The pinch plates are made from stainless steel. This valve is operated automatically or manually as necessary for the specific application. Requires air set with lubricator, two way solenoid valve by customer.



Bag Spout Closer IRIS Valve (Manual)

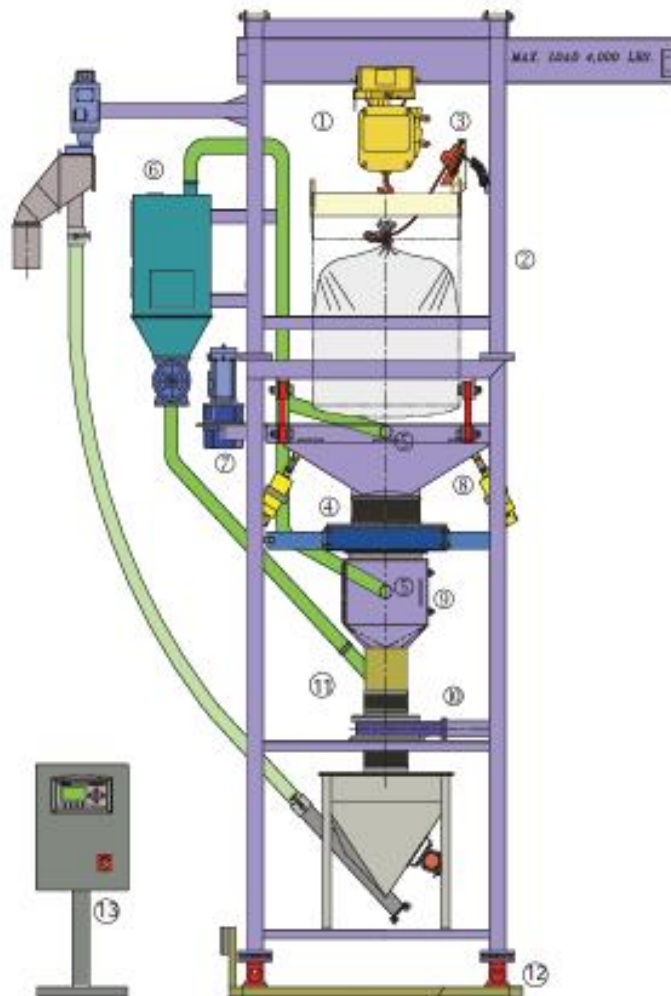
This option provides a means to seal the bag off and re-tie the bag spout. Not recommended for heavy density materials.



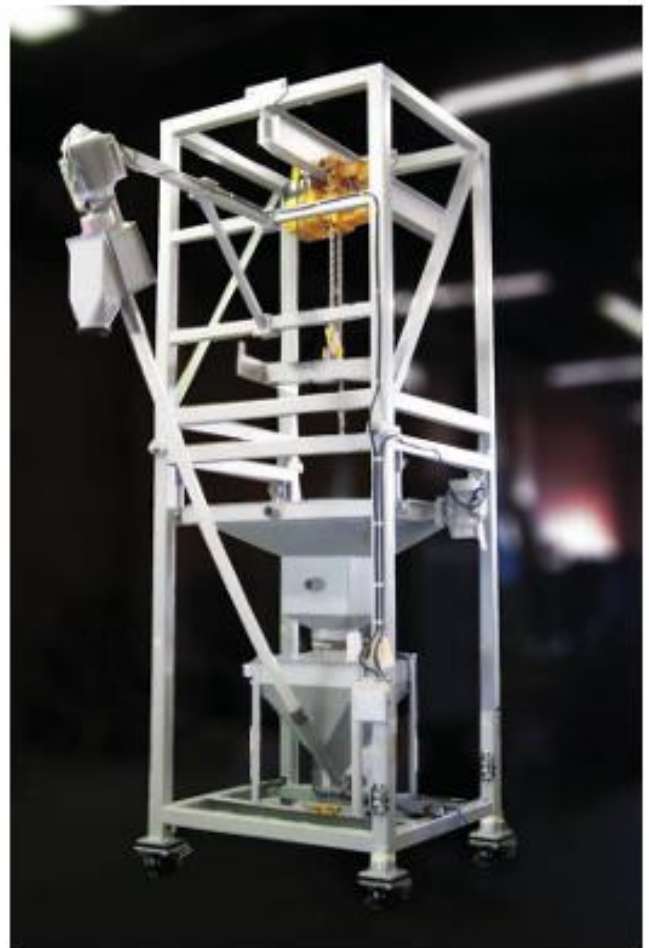
Loading Bellows

Loading Bellows are suitable for dust-free loading of bulk solids into drums or IBCs.





1. Hoist with I-BEAM
2. Heavy Duty Steel Frame - fixed or adjustable
3. Bag Line Tensioner (optional)
4. Pneumatic Knife Gate Bag Closure (optional)
5. Dust Collection Ports
6. Dust Collection System (optional)
7. Vibration Discharge System
8. Flow Stimulator Paddle Type (optional)
9. Access Box with Large Door
10. Pneumatic Slide Gate Valve
11. Connector to Feeder, Conveyor or any down stream Device (optional)
12. Load Cell (optional)
13. Loss-In-Weight Batch Controls (optional)



Complete System packages including Bulk Bag Unloaders, vibrated bins, paper bag dump station, Loss-In-Weight continuous and batching systems, and pneumatic conveying systems.