

BULK STORAGE SERIES



Bulk Bag Loaders

DESIGNED TO HANDLE THE HEAVIEST LOADS

Sterling Bulk Bag Loaders are available for manual operation as well as fully automated units incorporating electric hoists, flow control valves, and various methods of conveying material into bulk bags.



Bulk Bag Loading Station

Features

- Multiple frame work designs
 - 4 post
 - Cantilever
 - Fill Head Only
- Variety of Bag hangers
 - Manual hooks
 - Automatic hooks
 - Traversing rear hooks
- Multiple Fill Head Styles
- Manual or Automatic Control systems
- Safety Enclosure Panels
- System/Process Integration
- Capacities up to 4000 lbs.

Options

- Available in Various Materials of Construction
- Special Paint
- Base bag weighing
- Bag hanging weighing
- Pre-weighing
- Adjustable fill heights
- Fill Head Dust collection systems

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SPECIFICATIONS

1. Bag Support Framework:

4 post, cantilevered, and fill head only frame designs are the available filler framework options

2. Bag Inflation Blower:

Provides bag pre-inflation prior to filling material in order to properly shape the bag for maximum stability

3. Traversing Rear Bag Loops Hangers:

Positions the rear bag hangers well within arms length at the front of the filler for ergonomic access to hang new bags

4. Concentric Tubes:

Allows air from the blower to enter during bag inflation and displaced air and dust to exit during bag filling

5. Powered Height Adjustment:

Accommodate a range of bag heights

6. Bag Weighing Options:

Scale systems are available in hang weigh, base weigh, or pre-weigh configurations

7. Base Options:

Typically consists of a platform top or roller conveyor depending on the application requirements

8. Densification Table:

A base mounted adjustable vibratory densification system produces a more dense and stable bag

9. Control Systems:

Range from manual to full automatic and are available to integrate with any of the selected weighing options, filling system features and upstream equipment

10. Drum and Box Adapters:

Allow for dust free filling of any customer specified container

11. Bag Loops Hangers:

Front and rear hooks are spring loaded to ensure bag loops are securely held during operation

12. Inflatable Bladder Seal:

Holds and seals the bag spout ensuring dust free operation

13. Dust Collection:

An air displacement outlet for connection to sock, filter, cartridge filter, or dust collector

14. Flow Control Valves:

Control the product feed into the fill station. Movable fill head.

