



- A Lifting frame
- B Telescopic support beam
- C Vibrating support dish
- D Access door
- E Buffer hopper
- F Conveyor outlet
- G Feeder-conveyor
- H Arch breaker motor
- I Feeder-conveyor motor

Not shown :
Low-level
Vibrator

INTRODUCTION

The assembly includes two main parts :

- The big bag emptying system can be used with containers holding 35 to 70 ft³. Its anti-compaction action ensures complete and automatic emptying of the container to the buffer hopper.
- The ZFP/DM arch breaker and feeding system ensures continuous flow of the material from the buffer hopper into the screw feeder.

HOW IT WORKS

The big bag can be loaded by forklift, with a manual or electric hoist. The container sits on the vibrating dish, which is monitored by the level probe located in the buffer hopper.

The support based plate only vibrates when a lack of material occurs in order to prevent compaction of the material. As the container empties, the big bag liner is held taut by the telescopic beams, which rise automatically to facilitate the natural flow of the product until the bag is completely empty. In addition, the arch breaker keeps the material flowing into the buffer hopper and ensures that the screw feeder is constantly fed. Thus, the feed rate to the buffer hopper is steady and maintains an even load in the feeding device. The screw feeder can be rigid or flexible, and can raise the material up to heights feeding points.

FEATURES

- Compact assembly.
- Adjustable emptying system.
- Easy to maintain.
- Empties completely.
- Improved seal
- Accepts Big Bags weighing up to 4400 lb.
- Easy assembly.
- Also exists in self-loading version.
- Direct feeding.

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**BIG BAG EMPTYING
STATION**