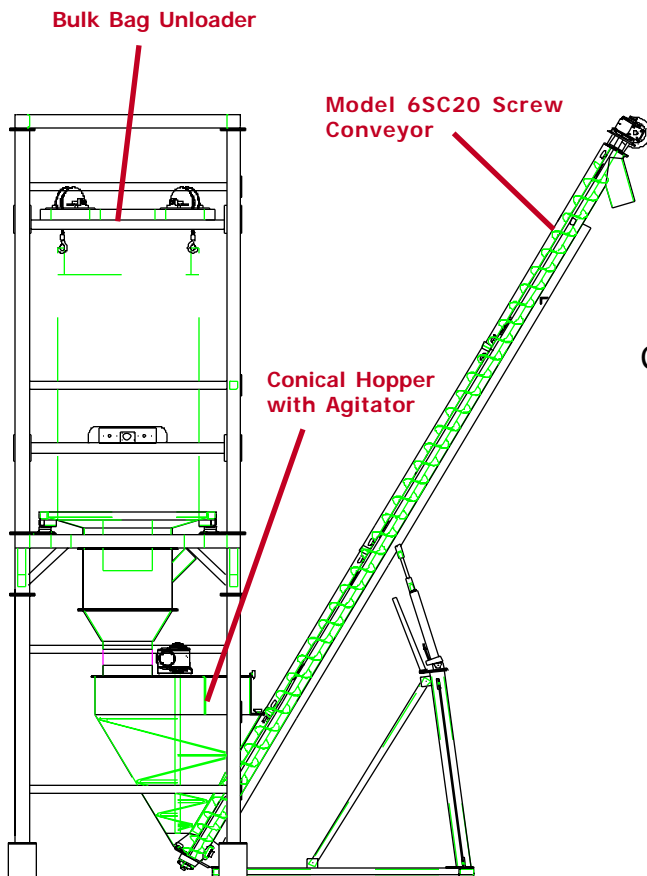


## CASE STUDY - FOOD INGREDIENT UNLOADING & CONVEYING SYSTEM

A food manufacturer was expanding its operations and contacted S. Howes to design a conveying system to automate and increase the volume of spices that it was able to process. S. Howes' solution started with a bulk bag unloader which dispensed material into a conical hopper which fed the product into a 20 foot screw conveyor before the product entered a bagging system.

The spice mix was salty and dense making it very difficult to convey. An agitator in the hopper was necessary to ensure a smooth and consistent feed into the screw conveyor. The S. Howes' system enabled the company to increase production and resulted in a more consistent and efficient transfer of food ingredients.



### Components:

- Flexible Bulk Bag Unloading Station
- Support Framework
- 22 cu. ft. Capacity Hopper
- Hopper Agitator
- 6" Diameter screw Conveyor
- Consolidated Control Panel

*Photos and drawings are not intended to show or suggest use or non-use of any operator protection systems*

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