

## Spiroflow Solution Transfers Chemical Powders To Dock Side ISO Tankers



### Customer Requirements

A customer needed a way to transfer chemicals such as Barite, Bentonite and Calcium Carbonate directly into highway transportable ISO tanks on the dock side as bulk bags were unloaded from porting ships.

### Spiroflow Solution

Spiroflow engineered a Universal Type 2 Bulk Bag Discharger, with an integral high capacity rigid screw conveyor. The bulk bag discharger was constructed with a partially enclosed mobile frame that offers some protection from sea-spray and rain while not restricting the loading of bags into the discharger.

With the Type 2 Bulk Bag Discharger it is possible to unload from 10 to 15 bulk bags per hour. Speed depends on product flowability, the speed at which the fork truck driver can load the bags into the discharger and the distance the bags have to travel.

Spiroflow is adept at handling bulk bags that have become compacted during shipping or those that contain difficult to discharge or poor flowing materials. Spiroflow offers three types of massagers that expedite material flow and can be fitted to any discharger.

Standard spring loaded bag support arms stretch bags as they empty to ensure no wrinkling or damage to the inner liners affecting material discharge. When side, corner or base bag massagers are needed, mobile dischargers are supplied with integral compressors to operate them.