



## CUSTOMER CASE STUDY

# Port of Portland Fixed, Shuttling and Slewing Ship Loader

### Company:

Port of Portland

### Location:

Port of Portland, Oregon

### Date of Completion:

July 2013

### Description:

BRUKS Rockwood supplied the Fixed, Shutting and Slewing Ship Loader to the Port of Portland in Portland, Oregon. The system is being supplied by Kinder Morgan Conveying Company. Designed to accommodate Soda Ash, this system stacks Soda Ash at 2,450 metric tons per hour, while using a telescopic chute named the Cleveland Cascade. The chute is designed to cascade material using interlocking steel funnels to close in the bottom of the chute while sealing in material and dust.

