



Alumina

Clean alumina loading in Brazilian port

Environmental benefits were key factors in Alunorte's decision to award this Brazilian contract to Siwertell. All Siwertell ship loaders are totally enclosed providing a dust-free operation with no spillage.

Customer

Alunorte

Location

Brazil

Siwertell installation scope

| | |
|------------------------|-----------------------------------|
| Loader model | HST-1800, aeroslide/cascade chute |
| Loading spout | For open or closed hatches |
| Rated loading capacity | 2,500t/h |
| Maximum ship size | Kamsarmax 80,000 dwt |
| Total weight | 251t |

Siwertell



Case story

Environmental benefits and mechanical efficiency were key factors in Brazilian alumina producer Alunorte's decision to opt for a Siwertell alumina ship loader.

It is used to load Kamsarmax vessels of up to 80,000 dwt at Alunorte's production plant in northeast Brazil.

Alunorte owns one of the world's largest alumina production plants. It contracted siwertell to replace its existing

belt-type ship loader, which needed to be changed because of problems related to its high dust emissions.

Siwertell's new ship loader is built to a different design concept. The new design is based on a totally enclosed air slide system and a Cleveland cascade-type vertical telescopic loading spout. The provision of two dust collectors at the transfer points makes this a very efficient loading system in terms of the

elimination of dust emissionsz into the environment. The loader is constructed on a travelling gantry and has one horizontal arm capable of slewing and luffing motions, fitted with a vertically adjustable loading spout.

The operator cabin is located on an arm which extends out over the ship's hold. This provides the operator with a perfect view of the loading operation.

Contact

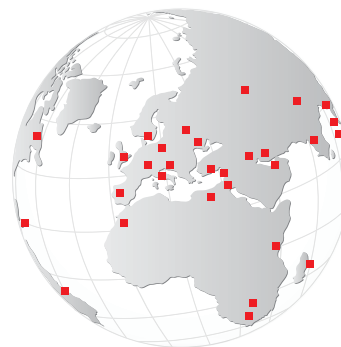
Siwertell works closely together with representatives on all continents. Please contact our head office below and we will direct you to your local Siwertell contact.

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The Siwertell product portfolio includes ship unloaders, mobile ship unloaders, ship loaders, horizontal and vertical screw conveyors as well as complete dry bulk terminal solutions. Virtually any dry bulk cargo can be handled and all Siwertell solutions are designed to ensure sustainable, efficient and safe cargo operations. Siwertell is part of Cargotec Corporation.



Siwertell