BRUKS Siwertell
BULK HANDLING & WOOD PROCESSING



SIWERTELL ROAD-MOBILE UNLOADER - NAMIBIA

4S installed for maximum safety

Siwertell was approached by Anglo Base Metal to investigate how to unload sulphur through a safe and environment-friendly operation in the Port of Lüderitz in Namibia, which was predominately used by the fishing industry.

About

Installing a fixed unloader in the port wasn't possible as the quay needed to be cleared after each sulphur discharge operation. Based on the client's needs for a high unloading capacity, environment-friendly unloading and based on the sizes of ships arriving in port, the Siwertell 15 000 S was a natural choice.

Since its delivery in 2008, the Siwertell unit has been used continuously for unloading sulphur, which is employed in the mining process for the production of pure zinc.

Sulphur is explosive and corrosive and to deal with this, the Siwertell 15 000 S is equipped with a specially developed 4S MOB -Siwertell Sulphur Safety System

4S - Siwertell Sulphur Safety System

- Water spray nozzles at the inlet feeder
- Explosion venting device along the conveyors and dust collector
- Spark and fire detectors
- Fire extinguishing system
- Reinforced conveyor gables
- Automatic lubrication system
- Temperature guards on the intermediate bearings
- Stainless-steel screw conveyors

THREE MODELS AVAILABLE

Siwertell 5 000 S
For ships up to approx, 5,000 dwt. Being a smaller version of Siwertell mobile unloaders, the 5 000 S is supplied for mobile and fixed installations, and its unloading capacity is approximately 300t/h.

Siwertell 10 000 S
In its trailer-based version it's designed for the discharge of ships to approx. 10,000 dwt. In its gantry-based version it is suitable for ships up to approx. 15,000 dwt.

FACTS

CATEGORIES:

- **Ship Unloading**

MATERIALS:

- **Sulfur**

CUSTOMER:

Skorpion Zinc

ADDITIONAL FACTS:

Model	15 000 S, road-mobile on semi-trailer, double loading bellows system, equipped with 4S MOB - Siwertell Sulphur Safety System
Unloading capacity	Prilled sulphur 350t/h
Maximum ship/barge size	17,000 dwt
Total weight including semi-trailer	72t

PRODUCTS:

- Road-mobile unloaders
- Ship unloading

LOCATION:

Lüderitz, Namibia

FOR MORE INFORMATION, PLEASE CONTACT US

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SCAN THE QR-CODE:
View the Case online

Siwertell 15 000 S
Siwertell 15 000 S is available for the discharge of ships of up to around 15,000 dwt (trailer-based) and around 25,000 dwt (gantry-based). The rated unloading capacity in cement is 500t/h.