BRUKS Siwertell
BULK HANDLING & WOOD PROCESSING



SIWERTELL SHIP UNLOADER - HONG KONG

SIWERTELL UNLOADER FOR IMPROVED ENVIRONMENT

With the decision to invest in a flue-gas desulphurisation plant at the Lamma Power Station on Lamma Island, the Hongkong Electric Group set a target for their investment to be environmentally sound in all aspects, without limiting the energy production process.

About

As a consequence of the customer's needs, they sought out a supplier whose limestone handling equipment is enclosed with no spillage and minimal dust emission, with a guaranteed low-noise level of less than 75dBA, and energy efficient with less than 1kWh/ton from ship to silo.

Siwertell scope of supply to the plant comprises of two main parts: A Siwertell continuous, screw-type ship unloader and a screw conveyor system. The Siwertell unit unloads limestone powder from ships of up to 10,000 dwt. The discharged material is then fed into the enclosed conveying system on shore.

A series of screw conveyors transport the material to the two silo tops, connected by a 22m long horizontal screw conveyor. The total lifting height is 32m and the capacity is 400t/h.

FACTS

CATEGORIES:

- **Ship Unloading**

MATERIALS:

- **Limestone**
- **Other**

CUSTOMER:

Hongkong Electric Group

ADDITIONAL FACTS:

Unloader model	ST 490-F, rail-mounted
Unloading capacity	350t/h each
Maximum ship size	10,000 dwt
Total weight	165t
Conveying system	Horizontal, inclined and vertical screw conveyors; HSC 800, HSC 800S, SEC 601D

PRODUCTS:

- Ship unloading

LOCATION:

Lamma Power Station, Hong Kong

FOR MORE INFORMATION, PLEASE CONTACT US

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