BRUKS Siwertell
BULK HANDLING & WOOD PROCESSING



SIWERTELL TERMINAL - SINGAPORE

WORLD-CLASS TERMINALIN SINGAPORE

Siwertell has with great success carried out a major turn-key project on a world-class cement terminal for Jurong Town Corporation

About

The terminal serves as a common facility for cement importers in Singapore, to replace a number of small import terminals. By gathering the importers and letting them share the same ship-to-silo system, Jurong Town Corporation created a state-of-the-art terminal with the environment in focus and introduced a new concept to the cement industry.

Two ships of up to 40,000 dwt each can be discharged in parallel. The unloading system includes three ship unloaders, each with a guaranteed rate of 800t/h. The unloaders can be combined for free digging and/or clean-up duty in one or two ships simultaneously.

In order to convey the cement from the quay and distribute it to the six cement importers, a highly flexible conveying system was installed. The system is totally enclosed and focused on low maintenance.

Siwertell has combined belt and screw conveyors, aeroslides and bucket elevators to secure a flexible design and reliable functions. The terminal also allows for self-unloading ships to be connected to the conveying system.

Scope of supply

- Design, manufacturing,delivery and installation of ship unloaders and conveying equipment
- Design, delivery andinstallation of the electrical power distribution and central computer control systems
- Civil design, delivery and erection of transfer towers as well asfoundation work
- Start-up tests and commissioning
- Staff training

FACTS

CATEGORIES:

- Bulk Terminal Solutions
- Ship Unloading

MATERIALS:

- Cement

CUSTOMER:

Jurong Town Corporation

ADDITIONAL FACTS:

Terminal capacity	Unloading of two ships simultaneously of 40,000 dwt
Ship unloaders	Three Siwertell continuous screw-type unloaders, ST 490-F, rail-mounted
Rated capacity	800t/h each
Distribution system	2 x 800t/h distribution system for conveying the unloaded cement to six cement importers from any ship to any silo
Design throughput	Up to 4 million tonnes annually

LOCATION:

Jurong Port, Singapore

FOR MORE INFORMATION, PLEASE CONTACT US

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