



**Coal**

# Clean and efficient coal handling

A turnkey contract for a Siwertell ship unloader was awarded by Formosa Power Ltd Company, to handle coal at the Ningbo Power Plant in China. Siwertell was chosen as the unloader complies with strict environment regulations and fulfills requirements of high capacities

## **Customer**

Formosa Power (Ningbo) Ltd, Co

## **Location**

Ningbo, China

## **Siwertell installation scope**

Unloader model ST 640-M

Rated unloading capacity 1,000t/h

Maximum ship size 50,000 dwt

Total weight 430t

***Siwertell***



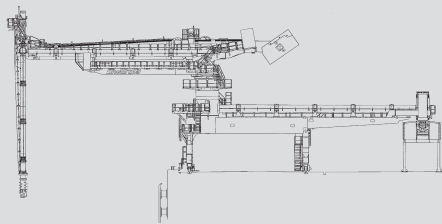
## Case story

The reason for the investment was to increase the coal intake efficiency and to fulfill authority regulations for an environment-friendly port. Previously, trucks had transported the coal to the power plant from a neighbouring port. Formosa Power Ningbo had their own port and facilities, including conveying systems, to receive coal from ships to their coal storage, however, they were missing a ship unloader.

This Siwertell unloader can be operated from either a remote radio control or from an operator's cabin on the unloader. A

control system (SiMon) specially developed by Siwertell allows the operator for easy control of the operation and subsystems installed on the unloader, as well as access to trouble shooting and maintenance information.

The ship unloader travels on rails along the quay. All conveyors on the unloader, consisting of screw conveyors and transfer chutes, are totally enclosed to ensure dust-free and clean operation. With a movable transfer trolley, they unloaded material is placed on a belt conveyor for further transport to the storage area.



## 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.



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