



Cement

Cement handling for terminal in Kuwait

Siwertell has installed an unloader and a complete conveying system for Kuwait Portland Cement as part of their cement terminal

Customer

Kuwait Portland Cement (KPC)

Location

Kuwait

Siwertell installation scope

Unloader model

Siwertell ST-490 F

Conveying system

Belt conveyors HBC-1400, vertical screw conveyors VSC-600 to silo top, aeroslides for cement distribution to silos

Rated unloading/conveying cap.

800t/h

Maximum ship size

40,000 dwt, beam = 29m

Total unloader weight

260t

Siwertell

Case story

The scope of supply includes detailed design, manufacturing, delivery and supervision of the installation of the ship unloader and shore conveying equipment; design and structural calculations for local manufacturing of supporting steel structures for shore equipment; design, delivery and installation of electrical distribution, PLC and PC control system; start-up tests and commissioning.

The terminal is designed to be able to discharge cement from ocean-going vessels and convey it to the existing storage silos. An advanced PC-based

control system is controlling the terminal and allows for a possibility to overview the operating status from the terminal manager office.

Cement is discharged from the ship by the Siwertell ship unloader and is then loaded to the belt conveyor along the dock via a transfer chute to the next belt conveyor to the ground level of the silos. Two vertical screw conveyors transport the cement further to the top of the silos, where airslides and gates distribute it to any of the four silos.



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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