



## **Product data** **Clean-up unit**

The clean-up unit for Siwertell unloaders can be used during the clean-up phase when unloading free-flowing materials such as cement or granulates. It is shaped like a spiral which, while rotating, collects and pushes the material inwards towards the inlet device and the vertical conveyor in the centre.

The clean-up unit has a built-in gimbal and is telescopic. This enables it to ride on the tank top regardless of the pendulum, luffing and tilting angles of the vertical conveyor arm. The clean-up unit has a diameter of approximately 2 metres.

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## Benefits

The clean-up unit is normally used during the clean-up phase and can be mounted in less than 30 minutes. It is able to sweep the tank top all the way down to a machine clean condition.

The clean up work is thus considerably easier, and the use of front-end loaders and manual cleaning considerably reduced or completely eliminated (depending on ship design and shipping contract). In this way labour and machine cost is reduced.

The clean-up unit will allow the operator to carry on unloading at a relatively high rate, as long as there is enough cargo available. Furthermore, the clean-up unit considerably reduces dust emissions, an important feature in today's environmentally conscious world.

## Scope of supply

The clean-up unit can be installed on many existing Siwertell units. The scope of supply is normally as follows:

- a hydraulic power pack, usually to be fitted near the existing power pack
- the clean-up unit, detachable section
- the clean-up unit support and machinery, to be permanently installed at the existing inlet device
- updated control system
- updated maintenance and operation manuals
- stability calculation and modification if needed, to ensure the arm system remains balanced

## 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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