## Customer cases

### Vertical screw conveyors (VSC)

**CLAUDIUS PETERS IBERICA, SPAIN**  
End user: Hormigones Domingo Giménez, Motril, Spain  
Height: 5m  
Capacity: 350t/h  
Delivery: 3 VSC 400  
Material conveyed: Cement

**CEMEX (ROI) LTD., IRELAND**  
End user: Cemex (ROI) Ltd., Dublin, Ireland  
Length: 5m  
Height: 21m  
Capacity: 300t/h  
Delivery: 1 HSC 400, 1 VSC 400  
Material conveyed: GGGS  
(Ground granulated blast furnace slag)

**SECIL, PORTUGAL**  
End user: Secil for Setubal, Portugal  
Height: 16.5m  
Capacity: 220t/h  
Delivery: 1 VSC 400  
Material conveyed: Cement

### Horizontal screw conveyors (HSC)

**CARGILL B.V., THE NETHERLANDS**  
End user: Cargill B.V., Amsterdam, The Netherlands  
Length: 41m  
Height (elevation): 12.5m (18°)  
Capacity: 800t/h  
Delivery: 1 HSC 1000  
Material conveyed: Soybeans and rapeseed

**CEMINTER, SPAIN**  
End user: Ceminter for Motril, Spain  
Capacity: 600t/h  
Length: 21+15+60m  
Delivery: 2+1 HSC 800  
Height (elevation): 7.3+5.4+0m  
Material conveyed: Cement

**BRÄUER, GERMANY**  
End user: France Liants for Le Havre, France  
Length: 35m  
Height (elevation): 8.5m  
Capacity: 300t/h  
Delivery: 1 HSC 630  
Material conveyed: Cement, GGBS  
(Ground granulated blast furnace slag)

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**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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sales@siwertell.com  
siwertell.com

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.
Siwertell screw conveyors have been a central part in loading/unloading systems for dry bulk material handling on ships and ashore all over the world for more than half a century. Numerous installations, undertaken by Siwertell have integrated these dependable and cost-efficient components with conveying systems.

Siwertell screw conveyors are designed to handle a great variety of dry bulk materials, such as cement, lime raw meal, apatite, urea, fly ash and gypsum, under hard conditions. For long distance and high lifting heights, two or more screw conveyors are arranged in series. When large capacities are to be handled, the conveyors can run parallel to each other. The screw conveyors are completely enclosed, which reduces dust creation to a minimum.

They have been supplied to numerous customers for installations worldwide in e.g. industries, port terminals, ships, silos, and power plants. The heart of Siwertell screw conveyors is the easily replaceable intermediate bearing, specially developed to resist wear.

Siwertell horizontal and vertical screw conveyors operate with the helical flight pushing and throwing the bulk material forward by rotational action. Capacities range from 30 to 1,700 m³/h.

The rigid and heavy-duty construction of these conveyors reduces wear and enables easy maintenance at infrequent intervals. They are suitable for applications in any kind of environment indoors and outdoors as well as on ships. Modular construction ensures swift and easy installation in new and existing bulk conveying systems.
Vertical screw conveyors (VSC)

VSC Features
- long-life intermediate bearings
- loading box with fluidised bottom
- conveying with different angles
- single or twin motor drive
- v-belt transmission
- speed guard included
- flexible connection at outlet

Dimensions (mm)

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<th>B2 (max)</th>
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We reserve the right to make changes.

Capacities (m³/h)

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Capacities in m³/h based on vertical conveying of cement.
Horizontal screw conveyors (HSC)

HSC Features

- reversible conveying direction
- one or more inlets
- one or more outlets
- drive unit can be located at loading or unloading end
- inclined conveying
- various types of drive units
- speed guard included

Dimensions (mm)

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<th>A</th>
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Capacities (m³/h)

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Capacities in m³/h based on horizontal conveying of cement.