



## Product data D-type unloader

The Siwertell D-type is the heavy-duty machine of the continuous Siwertell screw-type ship unloaders. The D-type offers high capacity and ability to unload large vessels. At the point where the offloading gantry conveyor of the unloader is located.

The D-type is available with several options and can also handle a wide range of commodities. The D-type unloads up to max. 200,000 dwt ships. It is mainly used for non free-

flowing, compact commodities like coal that require high digging capability. The horizontal arm is balanced by a counterweight and the luffing is by hydraulic cylinders.

The D-type is particularly popular at terminals like power plants, which often have a high throughput and little time for maintenance. Installations around the world verify its reliability.

***Siwertell***



Model	Max.Shipsize	Capacity tph*	Commodities**	Road/port mobile	On rails	On rubber tyres	Fixed	Off shore	Over beam	Operator's Cabin	Wire luffing	Hydraulic luffing	Clean-Up Unit
5 000 S	5,000 dwt	100 - 300	free flowing	x	x	x	x	x			x		
10 000 S trailer based	10,000 dwt	100 - 300	free flowing	x		x	x	x			x		
10 000 S gantry based	15,000 dwt	100 - 300	free flowing		x	x	x	x			x		
15 000 S trailer based	15,000 dwt	200 - 550	free flowing	x		x	x	x			x		
15 000 S gantry based	25,000 dwt	200 - 500	free flowing		x	x	x	x			x		
F type	Panamax	200 - 800	various		x	x	x	x	x	x		x	x
G type	Panamax	200 - 800	various		x	x	x	x	x	x	x		x
C type	180,000 dwt	500 - 2500	various		x		x	x	x	x	x		x
M type	Cape Size	600 - 1600	various		x		x		x	x		x	x
D type	200,000 dwt	500 - 2500	various		x		x		x	x		x	x
PortMaster	120,000 dwt	200 - 550	grain/agribulk		x	x	x			x		x	

\* The capacity depends on material, ship size and several other factors. The range indicated may vary.

\*\* Free flowing: Cement, alumina, ground slag, dry flyash, grain, animal feed stuff and more  
 Various: Free flowing, coal, fertilizers, various minerals and chemicals and more

\*\*\* Other tailor-made versions may be available

## 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.

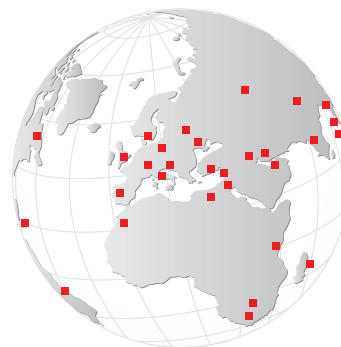
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The Siwertell product portfolio includes ship unloaders, mobile ship unloaders, ship loaders, horizontal and vertical screw conveyors as well as complete dry bulk terminal solutions. Virtually any dry bulk cargo can be handled and all Siwertell solutions are designed to ensure sustainable, efficient and safe cargo operations. Siwertell is part of Cargotec Corporation.



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