

**DOOCK**  
P R O D U C T S

**sterfil**<sup>®</sup>

DOCK LEVELLERS

# Control Systems

Superior practicality with superior possibilities



**STERFIL**  
SUPERIOR SOLUTIONS

# Superior Solutions



Stertil Dock Products provides quality, customised and technically advanced loading bay dock equipment solutions throughout the world. The best possible service is also offered from skilled local partners. These superior solutions are conceived, developed and implemented by a team of professional specialists with unique expertise. Thanks to the quality of its people, its totally in-house production process and its international organisation, Stertil Dock Products is a leading international quality supplier of loading bay dock equipment.



## Stertil dock leveller control systems: from Basic to Multi-Control

Practicality and safety go hand in hand when it comes to the advanced Stertil dock leveller controls. The controls are ideally customised to the model of dock leveller: the S- and P-Series leveller can be positioned at the touch of a single button, while the X-Series leveller offers several positioning options (including horizontally) through the use of 3 buttons. There are 4 types of control boxes: the Stertil Basic Control (SBC), Stertil Standard Control (SSC), Stertil Control Door (SCD) and Stertil Multi Control (SMC).

The SBC is the simplest leveller control system, utilising a single button for the S- and P-Series. This control does not have any optional functions. All other control types have a number of standard and optional functions, including auto-



Stertil Basic Control (SBC)



Stertil Standard Control (SSC)

Stertil Control Door (SCD)

return, which automatically returns the leveller to its idle position, and full integration of the controls for the door, shelter and accessories within the SMC control system.

### Everything under control with extensive options

Various functions can be optionally integrated into Stertil control boxes, such as door and shelter controls, an automatic restraint function (interlock) for the leveller when the door is not fully open, and (vice versa) a restraint function which prevents the door from closing until the leveller has been returned in neutral position. Internal or external traffic lights can also be controlled. The COMBILOK® vehicle restraint system can be connected to the controls via an interlock, thereby increasing the level of security. Please refer to the overview on the back page for all options per

type of control box. The benefits of the functions in question are briefly explained below:

**Auto-return:** This function offers the possibility of returning the leveller to its idle position at the touch of a single button. You then can have the doors automatically closed using the SMC.

**Below dock control (BDC):** Enables the end load to be loaded or unloaded, thereby preventing the leveller from causing damage to the load.

**Integrated shelter controls:** Allows the inflatable shelter to be operated automatically, e.g. before or while the door is being opened. We also offer the option of rendering the inflatable shelter inoperable via a so-called 'summer/winter switch'.

# Everything under control with extensive options



Stertil  
Multi  
Control  
(SMC)

**Door operation:** (SCD) This takes over the control of the up, down and stop functions for the door. The door control box continues to be used.

**Door controls:** (SMC) We also provide the option of fully integrating the door controls, whereby a separate door control box is no longer necessary. Therefore the SMC improves the level of safety and reduces costs.

**Signalling via traffic lights:** To further improve the level of safety for the forklift truck and/or lorry drivers, traffic lights can be used which clearly indicate whether loading activities may commence or not. Two signal lights on the control box show the current status.

**External:** An external traffic light clearly indicates when the driver is permitted to leave the dock.

**Internal:** An internal traffic light or light on the control box indicates whether the forklift truck driver may safely drive onto the dock leveller.

**Optimum safety:** By connecting the leveller control to the door or COMBILOK® via an interlock, additional parameters can optimise safety. The leveller can only be operated when the door is fully open. Alternatively, the leveller can only be operated when the COMBILOK has locked the lorry into place. The COMBILOK can only release the lorry again when the leveller has returned to the idle position.

**Can be configured as effectively as possible:**

The control system is programmed and calibrated by professionals according to the selected dock equipment.

# Standard and optional functions per type of control / type of leveller

## Standard and optional functions levellers S- and P-Series

S = standard, 0 = optional



SBC



SSC



SCD



SMC

	SBC	SSC	SCD	SMC
Leveller control system	S	S	S	S
Integrated door control system				S
Takeover of up, down and stop functions provided by the original door control system			S	
Auto-return function		0	0	0
Below dock control		0	0	0
Interlock leveller - door	S	S	S	S
Interlock leveller - COMBILOK®		S	S	S
Integrated automatic shelter control system				0
Summer/winter switch for inflatable shelter		0	0	0
Operation of internal traffic lights		S	S	S
Operation of external traffic lights		S	S	S
Integrated mimic traffic lights		0	0	0

## Standard and optional functions levellers X-Series

S = standard, 0 = optional



SSC



SCD



SMC

	SSC	SCD	SMC
Leveller control system	S	S	S
Integrated door control system			S
Takeover of up, down and stop functions provided by the original door control system		S	
Auto-return function	S	S	S
Below dock control	S	S	S
Interlock leveller - door	S	S	S
Interlock leveller - COMBILOK®	S	S	S
Integrated automatic shelter control system			0
Summer/winter switch for inflatable shelter	0	0	0
Operation of internal traffic lights	S	S	S
Operation of external traffic lights	S	S	S
Integrated mimic traffic lights	0	0	0


## Further information

For further or specific information about leveller control systems or our other products, shelters, dock houses, restraint systems, etc., please get in contact with us.

We will be happy to assist you with personal advice to ensure that you receive a superior solution.



Stertil B.V.  
P.O.Box 23  
9288 ZG Kootstertille  
The Netherlands  
Tel. +31 (0)512 334444  
[www.stertil-dockproducts.com](http://www.stertil-dockproducts.com)  
[dp@stertil.nl](mailto:dp@stertil.nl)  
f Stertil Dock Products  
/Stertil-b-v- @Stertil

 a member of the Stertil Group

95004106 Control Systems-GB 11-2017. Stertil is a registered trademark of Stertil B.V. We reserve the right to make changes in specifications without notice and without making changes retroactive.