

**stertil**<sup>®</sup> **DOCK**  
P R O D U C T S

# COMBILOK

The superior  
vehicle restraint system



**STERIL**  
SUPERIOR SOLUTIONS BY  
QUALITY PEOPLE



# Superior solutions by quality people



The Stertil Group offers its customers worldwide customised, technologically sophisticated solutions for their heavy-duty lifting requirements and dock equipment, including the best possible service from experienced local partners. These superior solutions are conceived, developed and implemented by a team of specialised professionals with unique experience. Thanks to its 'quality people', its total in-house production process and its international organisation, Stertil is a leading name in the manufacture and supply of dock levellers, dock shelters and other dock equipment.



# Combilok vehicle restraint system

The wheel block applies constant pressure against the wheel to prevent the vehicle from creeping forwards.

No damage to mudguards or side skirts due to the low height of the wheel block.

Acoustic and optical signals.



## More reliable, stronger and more intelligent than other systems

To manage business operations in a responsible manner, a reliable vehicle restraint system is a necessity within all loading bays. The risk of damage caused by accidents during loading and unloading activities increases significantly as a result of tight time constraints. The communication between warehouse staff and drivers (in their cabs) often leaves a lot to be desired. Prematurely driving away from the dock while the lorry is still being loaded or unloaded is not uncommon.

The same applies when considering the risk of a docked lorry creeping forwards.

The unique Combilok from Stertil limits all of these risks and offers many unique benefits compared to other restraint systems.

The highly durable tubular structure is simply installed above ground to guide the wheels of an incoming lorry into a central position in front of the dock. The rearmost wheel is then automatically restrained with the touch of a button.

## Universal application

Thanks to the wheel block's height of just 330mm, the standard Combilok is suitable for lorries of almost every type and size. Lower or higher wheel blocks are also available upon request. This makes the Combilok a system which is extremely versatile. There are also few restrictions when it comes to the installation process, as the entire system is installed above ground. There are no obstacles on the vehicle's route, and there is no contact with moving lorries. It is only the wheels of the lorry which are guided along the sides by the low, round conduits. The underside of the vehicle and the wheel arches remain free at all times.

## The most reliable technology

The Combilok incorporates the most sophisticated electrical hydraulic technology and few moving parts. The wheel block is operated via a microprocessor and is controlled using a button on the control panel in the building. An integral sensor in the wheel block accurately determines the position of the rearmost wheel, whereupon the wheel block is automatically extended and the wheel is restrained. The restraint process occurs in approx. 30 seconds regardless of the size and position of the wheel. This unique, fully automatic technology has certainly proven its worth since its introduction, including at many multinational companies.

## Acoustic and optical signals

An acoustic alarm and warning lights are in constant operation while the wheel block is being positioned. In addition, an external red/green traffic light ensures clear communication. In the distribution centre, it is easy to see whether the lorry has been restrained or not. The driver will only receive the green light to drive away once the wheel block has been fully retracted.

## Options

- Lower or higher wheel block
- Safety circuit with leveller and/or dock door
- Inside traffic light for signalling purposes

Restraint process: 30 seconds.

Easy to install above ground.



# Increased safety thanks to integrated controls



The controls used to operate the Combilok can easily be integrated with those of other dock systems, e.g. dock levellers and/or overhead doors. This provides a combined safety circuit. As such, lorries continue to be automatically restrained until the dock leveller has returned to its idle position. After loading or unloading activities are complete, the Combilok can be unlocked with the touch of a button.

## Complete programme for superior solutions

### Dock levellers

- P-series
- X-series
- S-series
- LA-series (mini)

### Dock shelters

- WI-/WIS 300 series
- TP-/TI 1000 series
- W-500 series

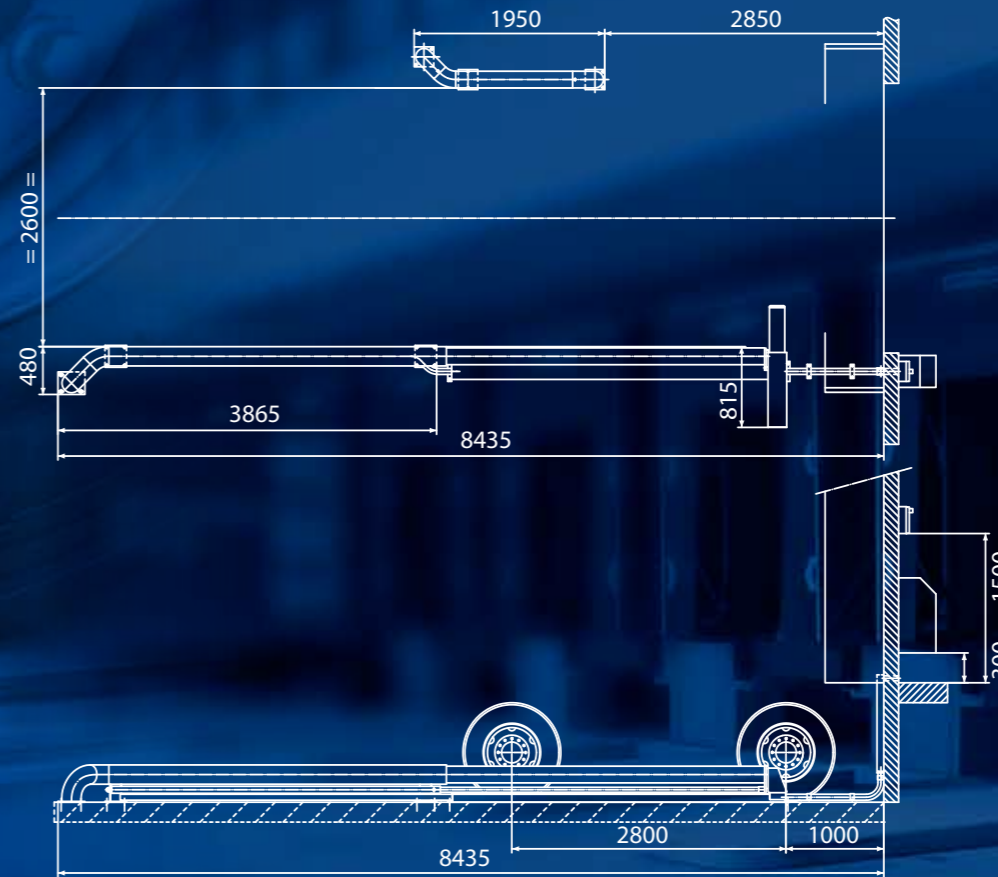
### Accessories

- PE dock bumpers
- Wheel guides
- Dock lights
- Traffic lights



## Technical specifications

- Galvanised design consisting of strong tubular material and low height of construction with no moving parts below floor level.
- The entire system can be easily accessed for servicing and maintenance purposes.
- Range from platform of 4300mm, working range from wheel block of 2800mm.
- Integrated wheel guides.
- Complete electrical hydraulic operation controlled via a microprocessor.
- Wheel block height of just 330mm; suitable for lorries of almost every type and size.
- Automatic wheel restraint system at the touch of a button in approx. 30 seconds.
- Emergency release possible at all times.
- Simple installation with no civil works required.



## Further information

For further or specific information about the Stertil Combilok or any of the other quality products made by Stertil, please contact us. We will be happy to assist you.

Watch our Combilok movie here:



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