

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

**sterli**

**COMBILOK<sup>®</sup> SWAP**

THE NEXT LEVEL IN SECURITY



**AUTOMATIC SWAP BODY CONTAINER SECURING SYSTEM**

BE THE SPECIALIST | STAY FOCUSED | SHAPE THE FUTURE



# No.1 IN VEHICLE RESTRAINTS

Stertil Dock Products provides quality, customised and technically advanced loading bay dock equipment solutions throughout the world. These superior solutions are designed, developed and manufactured in-house by a team of specialists with expertise in the loading bay equipment industry.

Stertil Dock Products is represented internationally by local sales organisations, exclusive distributors and a network of qualified Stertil Dock Products Service partners. Stertil Dock Products is the No. 1 safety and quality specialist in loading bay dock equipment. A whole array of patented products is a result of more than 45 years of experience and a continued commitment to ensuring safety in and around the loading bay.



## > VERSATIL

The COMBILOK® SWAP from Stertil Dock Products is specifically designed to secure parked swap body containers at the loading bay in order to prevent unauthorised pick-up. The extra step in ensuring that always the correct swap body is picked up.



Safety



Certified



Versatile



Durable



# E SECURITY

The COMBILOK® SWAP can also be used as an automatic vehicle restraint system for all commercial vehicles, which as with the standard COMBILOK prevents premature driving away from the loading bay and “vehicle creep” during loading or unloading.

The COMBILOK® SWAP can be retrofitted to existing loading bays as well as installed at new warehouse and distribution centres. The COMBILOK® SWAP is made of highly durable galvanised steel, which is easily mounted above ground to guide the wheels of an incoming vehicle into a central position in front of the bay.

- Maximum safety and security.
- Very versatile for a large fleet of commercial vehicles.
- Easy installation, no civil works required.
- Extremely durable galvanised sturdy construction and integrated wheel guide.
- Easily accessed for servicing and maintenance purposes.

# SECURING SOLUTION FOR SWAP BODY CONTAINERS

The COMBILOK® SWAP is easy to activate and has a built-in synchronised safety control system for both inside and outside the building. The intuitive Stertil Controls ensure immediate and secure activation by trained warehouse personnel. Miscommunication is avoided between the shunter or trailer driver with the built-in audio and visual signal on the COMBILOK® SWAP.

## Protected against unauthorised removal

Swap body containers can be secured and prevented from being removed. The COMBILOK® SWAP blocking arm prevents the shunter from reaching the attachment points of the swap body container. The shunter can only drive away once the swap body container is correctly positioned.

The COMBILOK® SWAP can be mounted without additional civil works with easy "plug and play installation". This smart and simplified installation also ensures minimum maintenance, as the total installation is above ground.

The deactivation of the COMBILOK® SWAP can only be done from inside the warehouse on the Stertil control panel.



› Standard sound alarm and visual safety before and during (de-)activation.



› The blocking arm extends automatically.



› Prevents from getting far enough under the swap body to reach the attachment points.



# ALSO FOR COMMERCIAL VEHICLES

## Fast, Effective and Flexible

The COMBILOK® SWAP is a very versatile system and with a turn of the rotary switch it can be used for securing swap body containers or restraining commercial vehicles. Dedicated loading bays for swap body containers are not required. Ultimate efficiency and cost effectiveness.

With the integrated sensor, the COMBILOK® SWAP automatically detects the position of the rear most wheel and extends the arm to block accordingly. The restraint process occurs in approx. 30 seconds.

- Protects against unauthorised pick-up of swap body containers.
- Restrains any commercial vehicle.
- High ROI in terms of safety and security.
- No dedicated loading bay required.
- Prevents premature driving-away or "vehicle creep".
- Automatic positioning or detection of the rearmost wheel.
- Vehicle restraining height up to 350 millimeters.
- Intuitive Stertil® control panel.

## Stertil Controls

With just the touch of a single button, supported by clear LED indication lamps, the COMBILOK® SWAP control panel is safe and intuitive to use.

The optional Stertil safety circuit offers the functionality to control the safe synchronisation sequence of the leveller, door and traffic lights all in one.



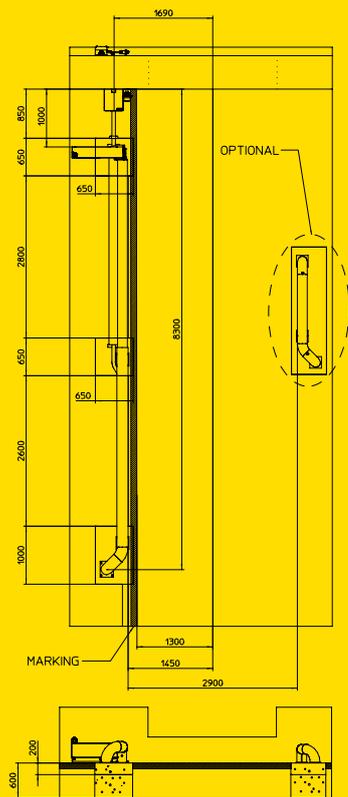
Switch from swap body to trailer

# TECHNICAL SPECIFICATIONS

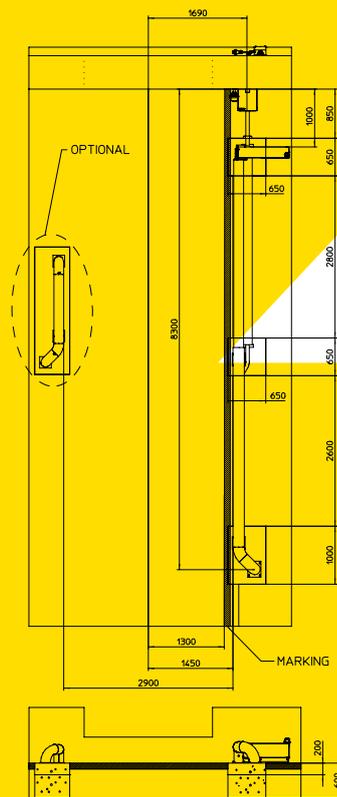
- Length 7.5 metres
- Installation space required 8.4 metres
- Maximum restraining height 350 mm
- Completely electrical hydraulically operated
- Hydraulics capacity 215 bar
- Electrical capacity 2.2 kW
- Pull-out force 147 kN
- Blocking pressure vehicle restraint system 14 kN
- Length of blocking arm 600 mm
- Travel range of the blocking arm 3,200 mm
- Control voltage 24 V
- Mains connection 3 x 400 V, 50 Hz, 1 x EARTH  
3 x 230 V, 50 Hz, 1 x EARTH
- Integrated galvanised steel wheel guide
- Emergency release possible at all times
- TÜV Rheinland approved according to the EC machinery directive 2006/42/EC

## Options

- Contra wheel guide
- Inside traffic lights 24 V



Foundation dimensions COMBILOK® SWAP Lefthand



Foundation dimensions COMBILOK® SWAP Righthand

Please refer to the Installation and or Operations Manuals for detailed information and specifications.

This product and all other Stertil® products are protected by patents from various regions and countries.

For more information please refer to: [www.stertil.com/en/patents/](http://www.stertil.com/en/patents/).

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## Further information

For more specific information or advice about the COMBILOK® SWAP or any of the other quality products manufactured by Stertil Dock Products, please contact us.

Video  
COMBILOK® SWAP



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