

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

**COMBILOK<sup>®</sup> M<sup>1</sup>**

MANUALLY CONTROLLED SAFETY

**HYDRAULIC-FREE UNIVERSAL VEHICLE RESTRAINT SYSTEM**

BE THE SPECIALIST | STAY FOCUSED | SHAPE THE FUTURE



# NO.1 IN VEHICLE RESTRAINTS

Stertil Dock Products as market leader and first in the industry with the legendary automatic vehicle restraint, the COMBILOK®, with more than 30 years of unprecedented experience and technical expertise. Stertil Dock Products provides quality, customised and technically advanced loading bay dock equipment solutions throughout the world. 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 and especially in vehicle restraints.

This and a whole array of other patented products is a result of more than 50 years of experience and a continued commitment to ensuring safety in and around the loading bay.

- Maximum R.O.I in terms of safety and cost
- Suitable for new builds and renovations
- Easy to install and maintain, hydraulic-free
- 5.5 metres required and can be connected to mains power supply, 230 V
- Easy to operate for driver and or other authorised warehouse personnel
- Extremely robust and durable, nearly all parts made from galvanised steel
- Ergonomic use with correct upright standing position and handle bar grips
- Supplied with Stertil® controls, contra wheel guide and external traffic light, can be integrated with dock door and leveller



## MANUALLY CONTROLLED SAFETY

Robust, compact and safe, the cost effective COMBILOK® M<sup>1</sup>. Secures and prevents premature drive-off and creep of various vehicle models, axle configurations and wheel sizes. The M<sup>1</sup> is hydraulic-free, operates on single phase 230 V net electricity, and does not require a costly extra 3-phase power connection. It is compatible with Stertil® Controls for the seamless integration and operation of dock door, leveller and traffic light.



Safety



Certified



230 V  
electricity

# How to Operate

## Restraining the Vehicle

1. Pull the straight handle to move the M<sup>1</sup>. The traffic light is GREEN.
2. Slide the locking unit to the correct position (last wheel) of the vehicle
3. Use the curved handle to slide the yellow blocking arm in front of the wheel to block it. The traffic light FLASHES RED.
4. The M<sup>1</sup> is locked from the inside. The traffic light is RED.

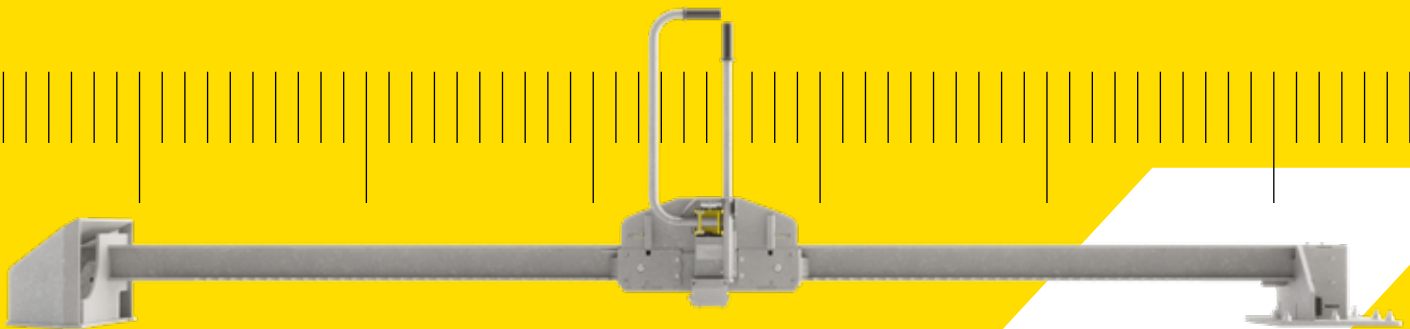


## Releasing the Restraint from Vehicle

5. The M<sup>1</sup> is unlocked from the inside. The traffic light FLASHES RED.
6. Unlock the M<sup>1</sup> by pulling the curved handle. The traffic light stops flashing and turns GREEN. The vehicle can safely drive away.



4.5 metres in length



only 5.5 metres installation space required

## Stertil® Controls - Integrated, Intuitive and Complete Control

Compatible with Stertil Controls for interlocking of levellers and doors.



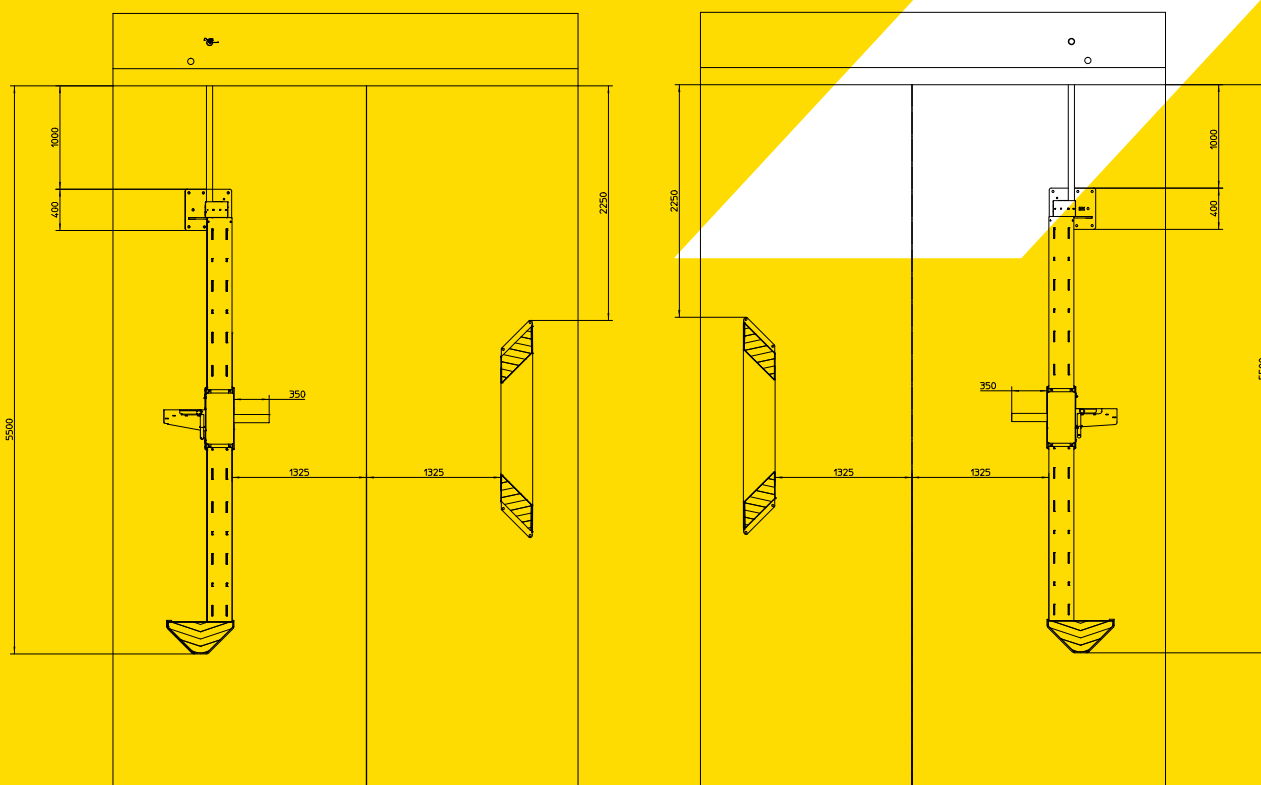
# TECHNICAL SPECIFICATIONS

- › Length 4.5 metres
- › Installation space required 5.5 metres
- › Maximum restraining range height 370 - 430 mm
- › Manually operated
- › Electrical capacity 100 W
- › Pull-out force 150 kN
- › Length of blocking arm 350 mm
- › Travel range of the blocking arm 3,200 mm
- › Control voltage 24 V
- › Mains connection 1 x 230 V, 50-60 Hz, 1 x EARTH
- › Integrated galvanised steel wheel guide
- › Emergency release possible at all times
- › The COMBILOK® M<sup>1</sup> is an Class 3 Vehicle Restraint System in accordance with the FEM guideline 11.005 approved according to the EC machinery directive 2006/42/EC

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/). All rights reserved.



Video COMBILOK® M<sup>1</sup>:



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