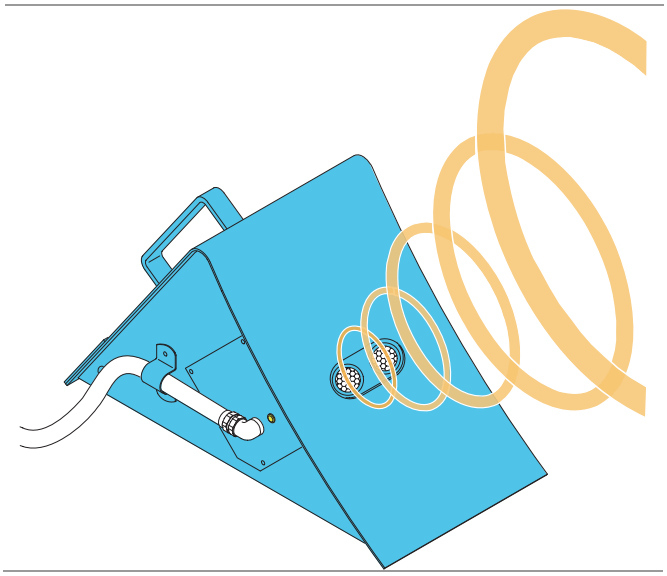
Wheel chock

Application

The wheel chock ES is designed to improve safety at the docking station. It has an ultrasonic sensor to detect the vehicle position and correspondingly authorises the dock leveller control unit to be operated or not. It also prevents the vehicle from rolling away uncontrolled.



Mode of operation

Start docking

Only once the chock has been securely positioned against the vehicle tyre, the control unit is released to be operated manually.
Optional double lens traffic lights will turn green when the chock is in position and the leveller is in operating mode to allow the loading process to begin.

Finish docking

When the chock is removed and the platform if not under load, the leveller will automatically return to cross-traffic position. This function requires a control unit with automatic return to cross traffic position.
When the chock is removed and the platform is under load, the emergency stop is activated and the control will remain locked until safety procedures have been completed.

Advantages

The advantages of the Crawford wheel chock over other safety systems are:

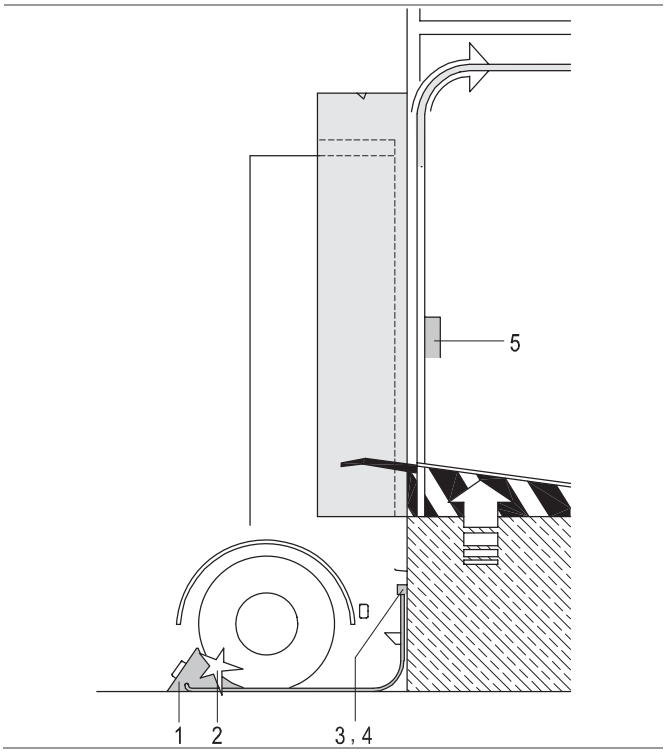
- It can be used for all types of vehicles
- It is easily installed at any time with no previous preparation needed

Overview

The wheel chock contains the following elements:

1	Wheel chock with LED display
2	Sensors
3	Fixed junction box
4	Plug connection
5	Control unit dock leveller

Side view



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