

- A-Air Compressor
- B-Electrical Connection Panel
- C-Photocell Sensors
- D-Steel Truck Wheel Chocks
- E-Loop Detectors
- F-Flashing Light
- G-Buzzer
- H-Traffic Light





## MAdoorS P-100

### **The usual working procedure is next**

MAdoors P-100 can be operated (truck locking or unlocking) only if the dock leveler is in the rest position and the sectional door is closed

The sectional door can only be opened if the MAdoors P-100 system is in the locked position (truck locked)

The dock leveler can only be operated if the MAdoors P-100 system is in the locked position (truck locked)

This working procedure makes it impossible for the truck the sudden exit before the end of the loading/unloading operations.

## MAdoorS P-100



### **Madoors System Automatic Vehicle Restraint**

The new **MAdoorS P-100** system represents an automatic and efficient solution for safety of vehicles and people during loading/unloading operations. Easy to use, **MAdoorS P-100** guarantees the truck immobilization during loading and unloading operations, avoiding unexpected

## MAdoorS P-100



- An easy-to-use product
- The chocks are activated via a single control panel
- No tools are needed to remove the chocks
- The plant is able to work in any weather condition
- Low maintenance costs (no motor or bearings to grease, no chains or pinions)
- A visual check is sufficient to guarantee the correct functioning of the system

## MAdoorS P-100

This system consists of 2 parallel pits per loading bay, on the two sides of the trucks, in which 1 row of single wheel chocks is installed for each pit.

The truck is locked thanks to the pneumatic lifting of the chocks near the wheels. In this way, any accidental movement of the vehicle is avoided.

The chocks are high and effective so as to ensure the blockage of the vehicles, but do not interfere with the mudguards or other equipment of the trucks.



# MAdoorS P-100



## AVOID RISK

- Unexpected departure of the truck
- Progressive movement of the trailer
- Unexpected departure of the truck and falling over of the forklift driver. Cause to No communication between the bay operator and the truck driver.
- Progressive movement of the lorry and fall over of the forklift driver

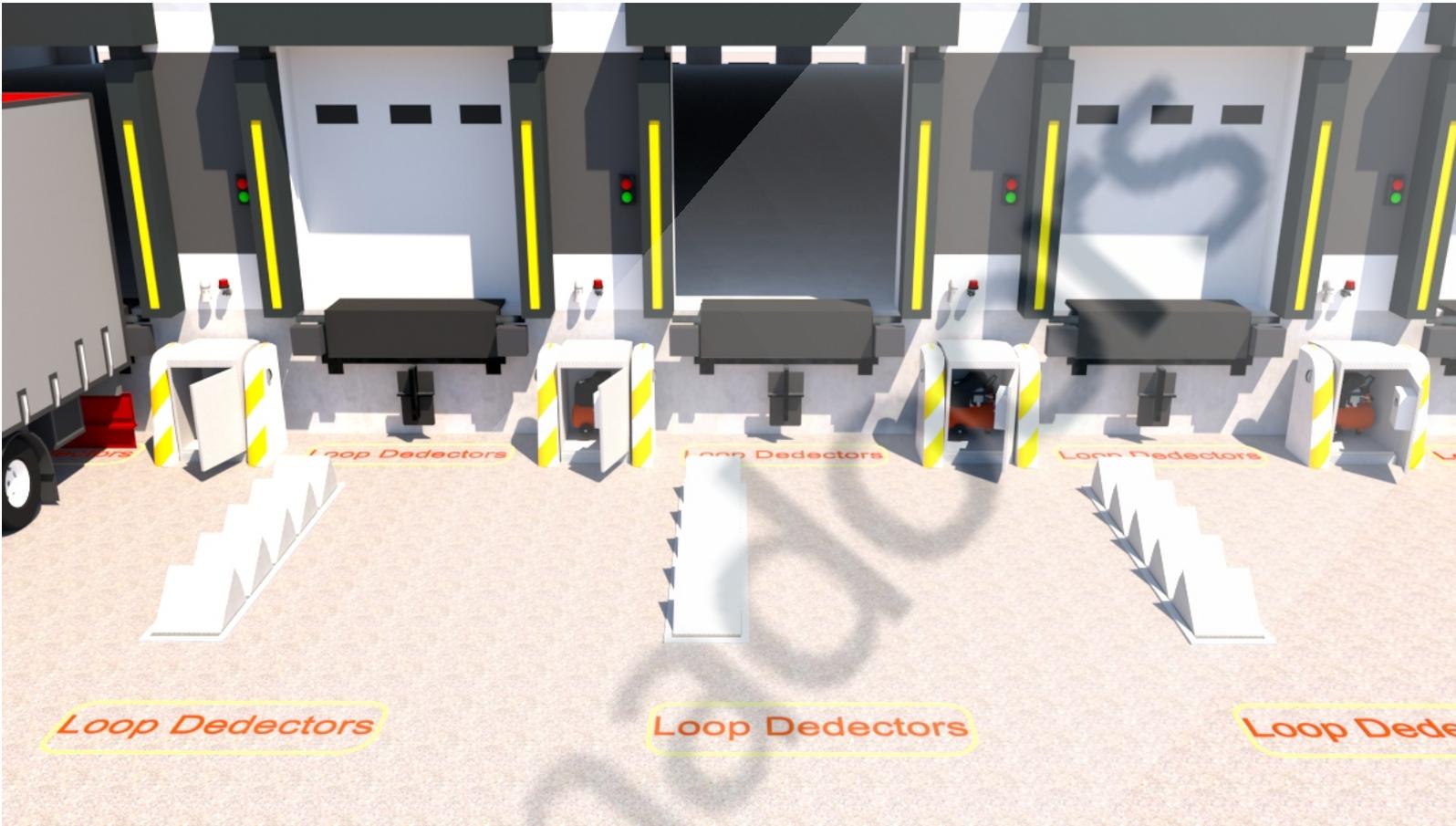


## MAdoorS P-100



- Immobilize all types of trailers
- Simple and reliable
- Make the operation automatic
- Can be installed in any conditions (new building, existing levelers and wheel guides, ...)
- Simple preventive and curative maintenance
- Enslavement with the loading bay door.

## MAdoorS P-100



The MAdoorS P-100 New System represents a further step in research for safety of vehicles docked at loading bays during loading/unloading operations. Easy to use, MAdoorS P-100 guarantees a safe and continuous function and is at the forefront when it comes to comply with standards in force. This system consists of a series of pneumatically lifted wedges which are placed near the back wheels of the vehicle already in loading/unloading position. This prevents any accidental movement which would create danger for people handling the goods. The structure is easily installed at a certain distance from the loading bay, and consists of a precast concrete pit connected, by means of an underneath cable, to a control panel usually fixed to the wall at the side of the opening of the loading bay, in order to allow the operator to comfortably carry out all necessary operations. The controls are simple to use and guarantee rapid and safe execution. The solid structure (which derives from an accurate design and use of specific materials) and the quality of the electro-mechanical system, assure long life and low cost maintenance.



## MAdoorS P-100

### Automatic Wheel Restraints

Conventional vehicle restraints rely on engaging a trailer's rear underride guard to safely secure them to the dock. Unfortunately, many trucks have missing or damaged rear impact guards or are equipped with hydraulic lift gates or special bumper configurations and cannot be engaged by conventional restraints. Traditionally, the only option available was to use rubber wheel chocks. But these have proven to be ineffective, especially in wet and icy conditions.

Now, there are two simple but revolutionary solutions , The Madoors P-100 Chock and MAdoors P-200 Truck-Chock are permanently installed automatic wheel chocking systems that effectively restrain virtually any vehicle with Hydraulically and Pneumatic operated steel wheel chock.



## MAdoorS P-100



The Madoors P-100 and P-200 Multi Chock Vehicle Restraint is an automatic wheel chock system that restrains vehicles parked at the loading dock. It secures the vehicle in position while a dock leveller is being used and a fork truck is loading or unloading the vehicles.

This vehicle restraint system prevents vehicles driving away from the dock before it is safe to do so and eliminates potential problems due to trailer creep.

With various features and options available on the market, The Madoors P-100 and P-200 Multi Chock Vehicle Restraint is a proven, safe loading dock solution to various industries. The innovative design allows the system to be maintenance free and unaffected by loading bay debris, rain or snow.

