

Solan iStop

Wireless Wheel Chock System



How does i-Stop function?

- The Solan i-Stop (i-Stop Docking Control System) by Solan Systems is a wireless wheel chock system for dock safety in logistics centers. It prevents accidents by alerting personnel if the truck driver removes the chock prematurely to move the truck before loading or unloading is complete.
- The control unit oversees all pertinent electromechanical systems and guarantees that the loading and unloading process commences solely under safe conditions.
- The system operates with both electric gates and basic ramps devoid of a gate drive. In the latter scenario, the built-in safety lights manage all control logic.

Advantages of the i-Stop System

Wireless and Simple to Install

- Fully wireless communication – no electrical installation or data cables necessary.

Exceptionally resilient

- Metal construction capable of supporting any truck weight.
- No cables that are susceptible to wear or failure.

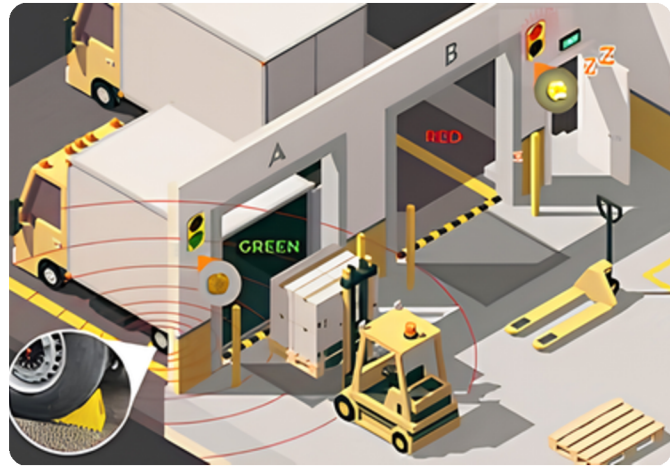
Seamless operation

- Does not disrupt current radio frequencies within the logistics center.
- No limitations on loading and unloading.
- The bypass button enables authorized personnel to unlock gates and conduct maintenance activities

Universally relevant

- Compatible with all types of trucks and all electric gate systems.
- It is also effective in regions lacking electric gates.
- can also serve for external loading ramps

Minimal upkeep



i Stop can be utilized not only in logistics centers, but also for heavy earthmoving machinery.



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KISS
Keep It Simple
Solan

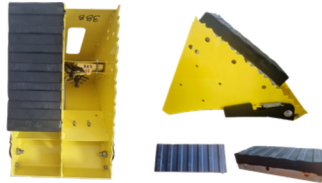


i-Stop comprises of the following components

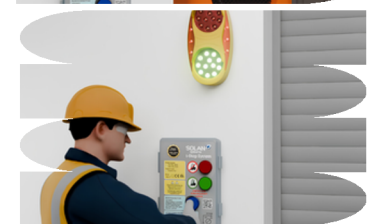
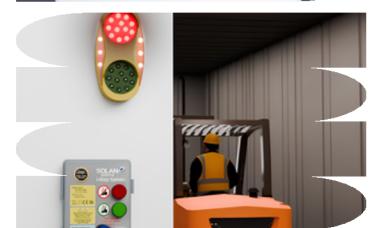
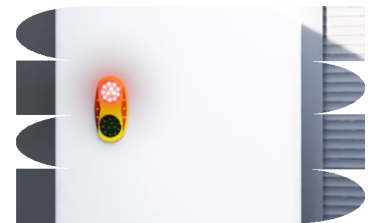
- Control unit 110–220 V/24 V for centralized management of all safety-critical processes.



i-Stop Rubber - optional



- Two traffic light signals (green and red) provide clear visual cues for drivers and warehouse personnel.
- LED light (~1000mm) with acoustic signal Enhanced visibility and supplementary acoustic alert
- Durable, waterproof i-Stop unit constructed from metal, featuring an integrated wireless control unit for optimal reliability.



Truck moving too soon! THE DANGER IS REAL



- Once the truck wheel is secured, the electric gate can be opened safely and in a controlled manner.



- A green light in the logistics center signals to the forklift operator that the loading process can begin.



- A red light on the outside of the loading door warns the truck driver that the vehicle must not be moved during loading and unloading.



- The system ensures clear visual communication between warehouse staff and truck drivers.



- This helps prevent dangerous situations during the loading and unloading process



**DON'T LET THAT HAPPEN
SAFEGUARD EVERY LOADING AND UNLOADING
PROCESS.**