

LSA: Low Speed Area

Reduce the risk by limiting the speed of the trucks in different areas of the warehouse



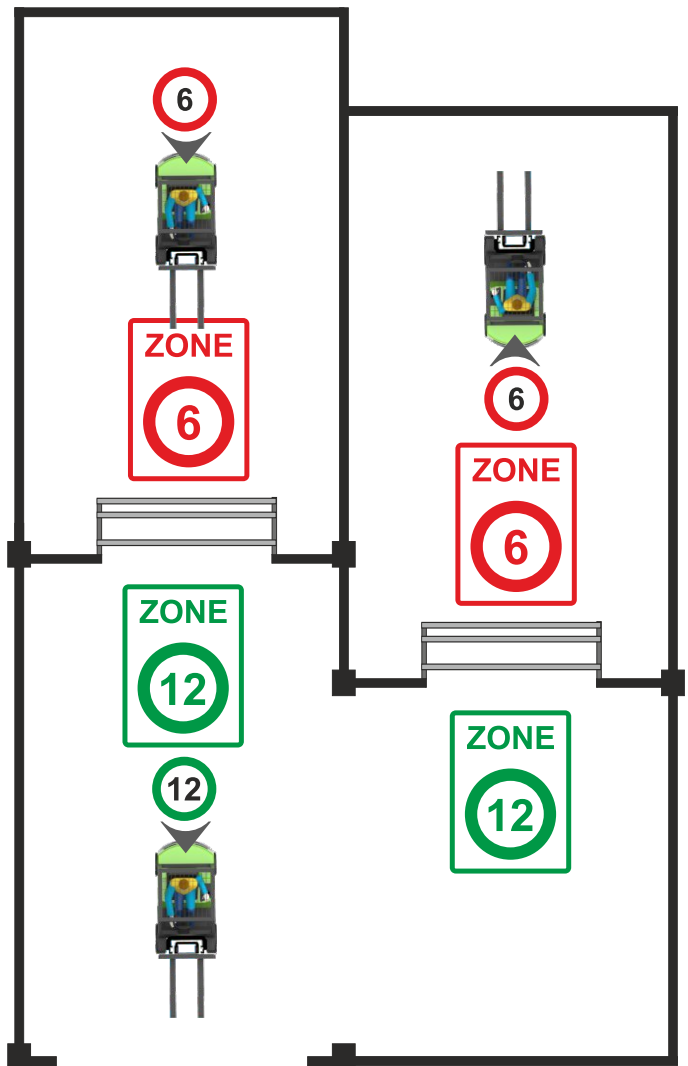
Claitec

CLAITEC is a company specialised in the creation of solutions for industrial safety and the prevention of workplace accidents.

APPROPRIATE SPEED = INCREASED SECURITY

Solutions to reduce occupational risk due inadequate speed of the trucks.

When the forklift trucks circulate at high speeds in areas where pedestrian are present, forklift traffic, confined space, accidents can happen and / or damage to the building.



LSA Solution: Low Speed Area

The Low Speed Area solution (LSA) places a limit on the speed at which a forklift circulates through different areas of the warehouse.

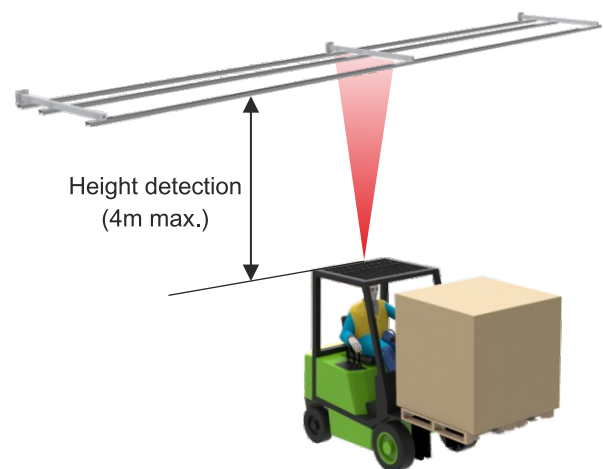
This system is designed to reduce the speed of the trucks in areas with pedestrian activity or where others are working.

The function of the Low Speed Area solution is to prevent accidents that result from forklifts speeding in areas shared by forklifts and working personnel.

Description

Trucks equipped with LSA systems automatically identify the area where they find themselves and send a speed limitation signal to the truck.

The Low Speed Area solution (LSA) uses a panel of reflective coded bands, located on the roof of the doors or in areas where speed changes. When the forklift drives underneath the panel, the sensors decode the change in zone and proceed to activate the relay corresponding to that zone. It is possible to determine two different types of zones: Slow and Fast.



LSA

The LSA solution is marketed in the form of a kit, making it easy to install by any forklift truck distributor



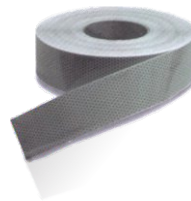
System components



Code detection sensors



Control unit



Reflective coded bands



Connecting cables

Accessories

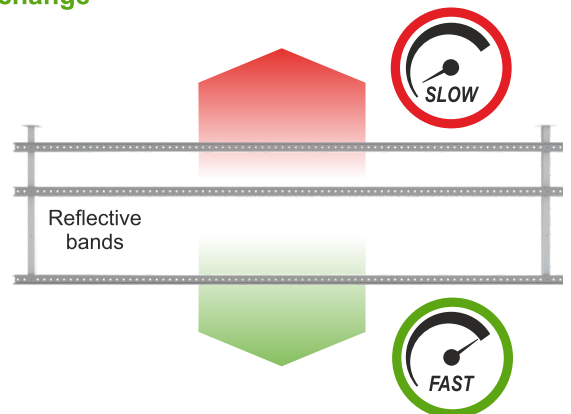
Warning light



Supports



Speed change



Advantages

- Increase Security.
- Improve driving rules and respect speed limits.
- Automatic speed limitation.
- Reduce damage of the warehouse caused by trucks.
- Reduce vehicles damage
- Reduces accidents.
- Improving safety on curves and ramps
- Speed limit only where necessary and not harm productivity.

Areas of application

- Reduction of forklift speed in areas with pedestrian activity or where others are working.
- High forklift traffic areas.
- Truck loading docks.



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