

# Damage prevention AFS 107

## In the case of roof supports and through-paths

- precise and safe collision prevention
- safety at the highest level
- safe installation at level of cable break safety
- 24 channel radio unit
- customer-specific installation
- alarm reset on control cabinet



**Damage prevention AFS-107** is a contact-free effective protection unit for stores forklifts and free drivable forklifts to protect against collisions with the building in the area of roof supports, gates and overhangs in low hall areas.

Having regard to the stopping distance of a forklift, a light barrier is installed the relevant distance from the area to be protected.

The light barrier is linked to a radio transmitter which in the non-alarm condition, sends a radio signal to the receiver on the forklift and permits the journey.

If the lift of the forklift breaks the light barrier on approaching the building area in question, the radio transmitter switches the signal off and the forklift is stopped.

A repeat-run block on the radio receiver prevents that after re-establishing the the radio signal, the journey is automatically allowed again.

With an override button, the driver must consciously drive the vehicle at creep speed out of the danger zone and the alarm can then be re-set.

Damage happens to buildings and to persons when the driver is not paying enough attention (e.g. lift too high at gates) and this can be effectively avoided by Damage Prevention AFS 107