

Reach Stacker

➤ Container Weighing

➤ Requirements

- Container weight verification per SOLAS standard (Chapter VI, Regulation 2, paragraph 6)
- Harsh environments
- New machine or retrofit capability
- Seamless integration

➤ Solution

- Weight measurement and monitoring for reach stackers
- Measurement of total container weight
- Weighing application within an accuracy of < 1%
- Load measurement with fSENS MA load pins
- Datalogger for safety and documentation
- Optional Terminal Operating System interface
- Optional printed weight ticket

➤ Hardware

1 vSCALE Console

- Visualization of actual container details and statistics
- Center of gravity indication for 20', 40' & 45' containers
- Lift history
- System diagnostics



2 cSCALE Controller

- IP20 protection rating
- DIN rail mounting
- CANopen / Ethernet interface
- Integrated datalogger
- Diagnostic LED's



3 fSENS Load Pin

- TÜV certified force measurement
- Customized adaption matched to OEM geometry
- Stainless steel construction
- Protection class: IP66/67



System Diagram



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We make lifting loads safer!

As an experienced specialist, we have spent many years providing reliable safety solutions for lifting loads, setting innovative standards in the process and ensuring dependable communication between machines and their operators, particularly in harsh environments.

By developing application software, mobile controllers and robust sensors, we ensure that our customers benefit

from maximum safety and equipment uptime.

We are system integrators, supporting our customers through all project phases: from analysis and concept evaluation, through system design and project planning to prototype testing and field launches. Our safety experts support certification processes and are available for seamless life cycle management.