



Reach Stacker#: 2	
Date:	16 FEB
Time:	3:42 PM
Container ref:	09586457
Operator ID:	16
Weight:	29.6 t

Container handling productivity optimization and compliance

# LOADRITE L2180 Reach Stacker Scales

# Verify container weight



Reach Stacker#: 4  
Date: 9 MAY  
Time: 11:12 PM  
Container ref: 06342415  
Operator ID: 03  
Weight: 32.1t

## Ensure compliance to SOLAS regulations, track and improve container handling with accurate weight information.

The Trimble® LOADRITE® L2180 weighing system verify the weights of every container moved, so you can provide accurate information for logistics compliance and reporting.

The weight information can also be used to analyze your operation for efficiency improvement and maintenance cost reduction.

The L2180 is robust, easy to use and mounts into your reach stacker cab.

### Increase process efficiency

- ▶ Add flexibility for container weight verification
- ▶ Eliminate unnecessary trips to the weighbridge
- ▶ Printer ticket or paperless web-based (optional) record tracking enables clear auditing

### Increase traceability

- ▶ Verify container weight
- ▶ Record container ID and operator ID using optional data communication and reporting

### Improve work safety

- ▶ Warn operator of overload hazards
- ▶ Reduce accelerated wear and tear to your reach stacker

### Key features

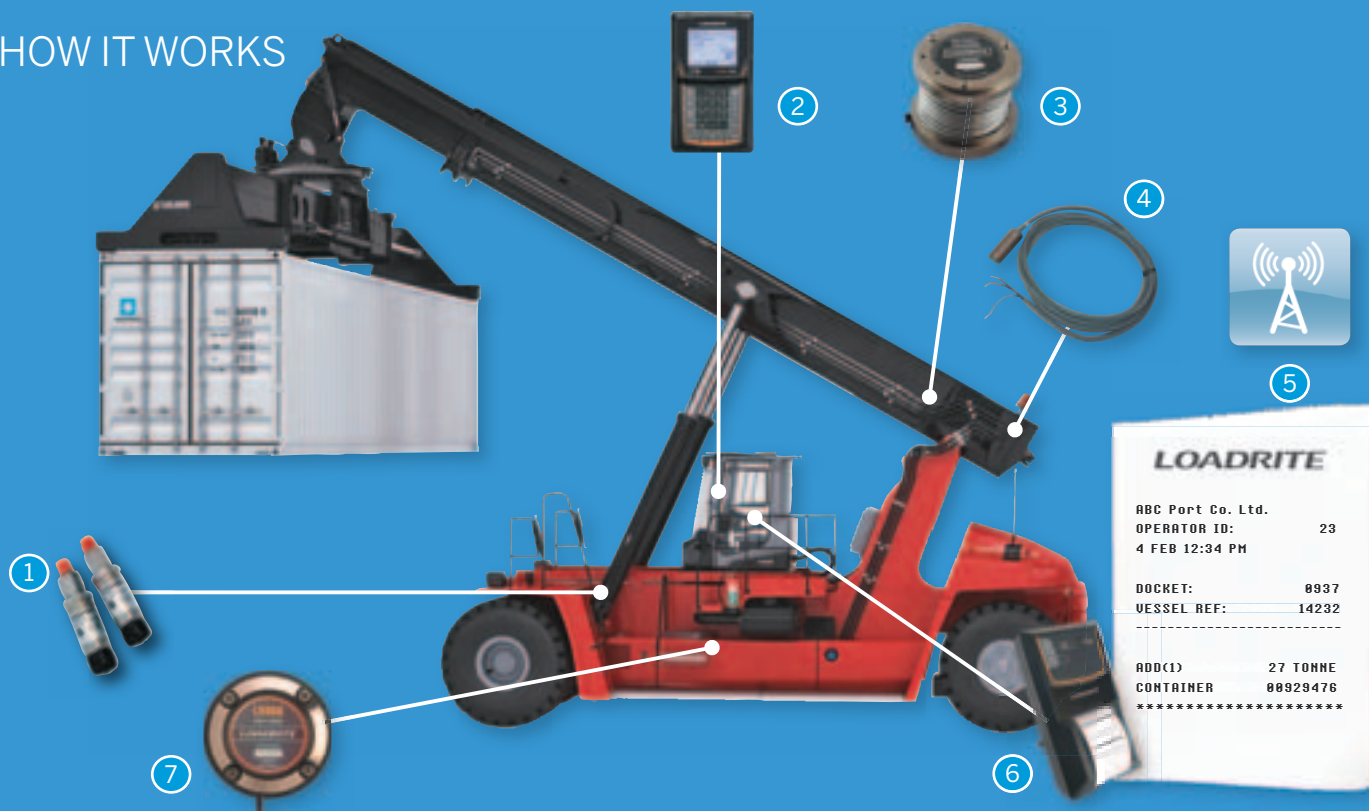
- ▶ Long and short total: per ship, train, day, week or month
- ▶ Individual container weights with time and date
- ▶ Auto add mode: automatically adds each container weight to the total weight
- ▶ Customizable numeric and alphanumeric fields for details such as: container I.D., destination, location and similar.

Legal for trade upgrade option available in selected regions.





## HOW IT WORKS



### 1 Pressure Transducers

Pressure transducers connect to the reach stacker hydraulic system. They sense the hydraulic pressure in the lift cylinders as the load container is lifted.

### 2 Indicator

Rugged design and programmed with proprietary weighing software, the LOADRITE indicator provides an intuitive interface to the weighing system.

### 3 Trigger

Rotary trigger offers precision sensing throughout the lift cycle to ensure reliable and repeatable dynamic weighing.

### 4 Proximity Sensor

A proximity sensor is fitted to ensure weighing takes place only when the telescopic boom is fully retracted (recommended).

### 5 Data Communication

Data communication solutions including data module, WiFi, radio, or 3G modem with GPS. The 3G modem with GPS option connects the scale to InsightHQ reporting portal so that you can check your site productivity and performance at anytime and anywhere (optional).

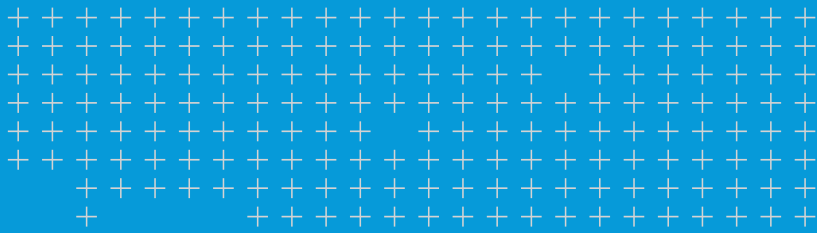
### 6 Printer

See your site's productivity with the ruggedized printer providing hard copy receipts for printing of daily and weekly productivity and performance reports (optional).

### 7 Slope Compensation Kit

Slope compensation kit allows the L2180 to weigh on angled or uneven terrain and still deliver superior accuracy (optional, but recommended).





# Trimble: Transforming the Way the World Works

Trimble provides the tools and support to improve port and marine operations, surveying and construction for more efficient operations and higher profits.

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