

Reach Stacker Load Pin

Industry: Infrastructure

Summary

Customer Challenge

A reach stacker is a vehicle used in shipping ports and container terminals to lift, move, and stack heavy containers. A force monitoring system is needed to ensure the safety of surrounding personnel, and if the reach stacker is capable of lifting heavy loads.

Interface Solution

Interface's WTSLP Wireless Stainless Steel Load Pins can be installed into the corners of the lifting mechanism of the reach stacker, where heavy loaded containers are lifted and moved. The force results are then wireless transmitted to both the WTS-BS-1-HS Wireless Handheld Display for Single Transmitters, or directly to the customer's PC with the WTS-BS-6 Wireless Telemetry Dongle Base Station.

Results

The customer was able to monitor their reach stacker with Interface's Wireless Telemetry System and ensure its ability to lift heavy loads at the shipping ports and terminals.

Materials

- Four WTSLP Wireless Stainless Steel Load Pin
- WTS-BS-1-HS Wireless Handheld Display for Single Transmitters
- WTS-BS-6 Wireless Telemetry Dongle Base Station
- Supplied Log100 software
- Customer PC

How It Works

1. The four WTSLP Wireless Stainless Steel Load Pin are installed at the four corners of the lifting mechanism of the reach stacker.
2. A heavy load or container is lifted.
3. The WTSLP's wirelessly transmits the force data results to TS-BS-1-HS Wireless Handheld Display for Single Transmitters, or directly to the customer's PC with the WTS-BS-6 Wireless Telemetry Dongle Base Station. Data can be logged, graphed, and recorded with supplied Log100 software.

