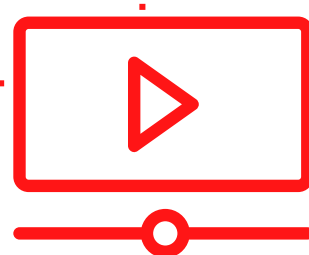


SAFETY-ASSIST RETROFITS

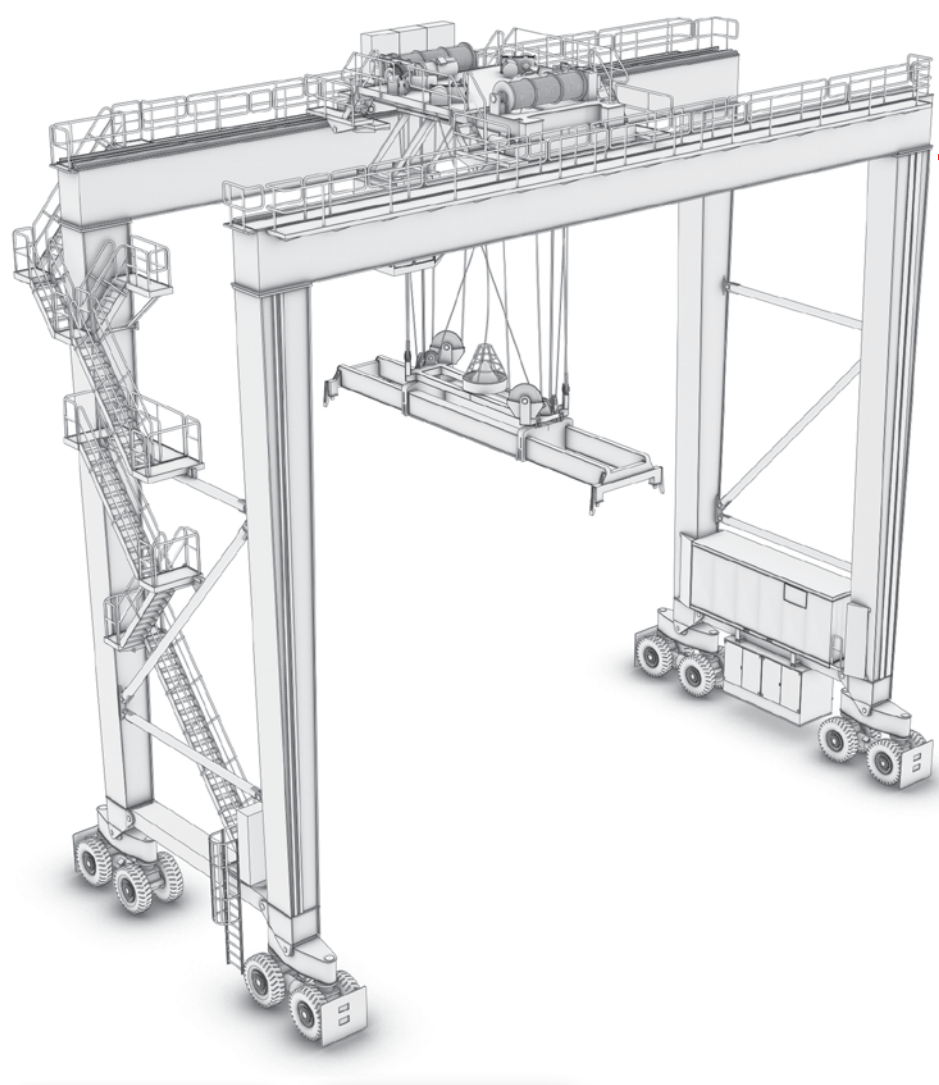
Truck Lift Prevention

Sensor technology at ground-level detects any truck/trailer lift, and immediately halts the hoisting action for improved safety in manual handling mode.

Works by detecting the trailer wheels



Watch video at this link



EQUIPMENT

This technology can be applied to all Konecranes RTGs as well as to **other RTG brands.**

Installation of laser sensor and PLC connection may vary when implementing system to other RTG brands.

AB
Any Brand

RTG
Rubber-Tyred Gantry

BENEFITS

- Prevents the lifting of a trailer by automatically and rapidly stopping the lifting motion when a trailer lift is detected
- Stops hoist automatically and smoothly
- Monitors the movement of the truck's tyres, most other brands only follow the gap between the container and truck tyres
- Saves significant time in resolving trailer/truck lift incidents
- Works with terminal tractor, road trucks or AGVs.

HOW IT WORKS

- A laser, mounted under the sill beam, is activated when the trolley is above the trucking lane
- The spreader is lowered onto the container and the twist locks are moved to the closed position
- The sensor remains active during the first 2 meters of hoisting.

WHAT YOU NEED TO KNOW

- If there is no auxiliary generator or other structure a more comprehensive bracket with long arm is required
- Turn-key project delivery with all required hardware and software plus training
- Site works and commissioning: 2 days per crane
- Customer needs to ensure prompt availability of cranes to ensure the above timelines
- Customer needs to ensure prompt availability and safe work location to ensure the timelines.



SELECTED REFERENCES

GPA | Savannah

SCPA | Charleston

LKP | Koper


DPW | Djazair

DPW | Yarimca

Year	Customer/Location	Quantity
2019/20	SCPA / Charleston	69
2019/20	GPA / Savannah	32
2019/20	LKP / Koper	7
2019	DPW / Djazair	5
2015	DPW / Yarimca	24



Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity enhancing lifting solutions as well as services for lifting equipment of all makes. The Group has more than 16,000 employees at 600 locations in 50 countries. Konecranes shares are listed on the Nasdaq Helsinki (symbol: KCR).

© 2020 Konecranes. All rights reserved. 'Konecranes', 'Lifting Businesses' and  are either registered trademarks or trademarks of Konecranes.

This publication is for general informational purposes only. Konecranes reserves the right at any time, without notice, to alter or discontinue the products and/or specifications referenced herein. This publication creates no warranty on the part of Konecranes, express or implied, including but not limited to any implied warranty or merchantability or fitness for a particular purpose.