

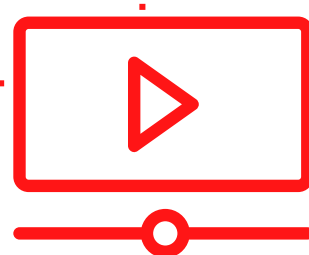
SAFETY-ASSIST RETROFITS

# Truck Lift Prevention

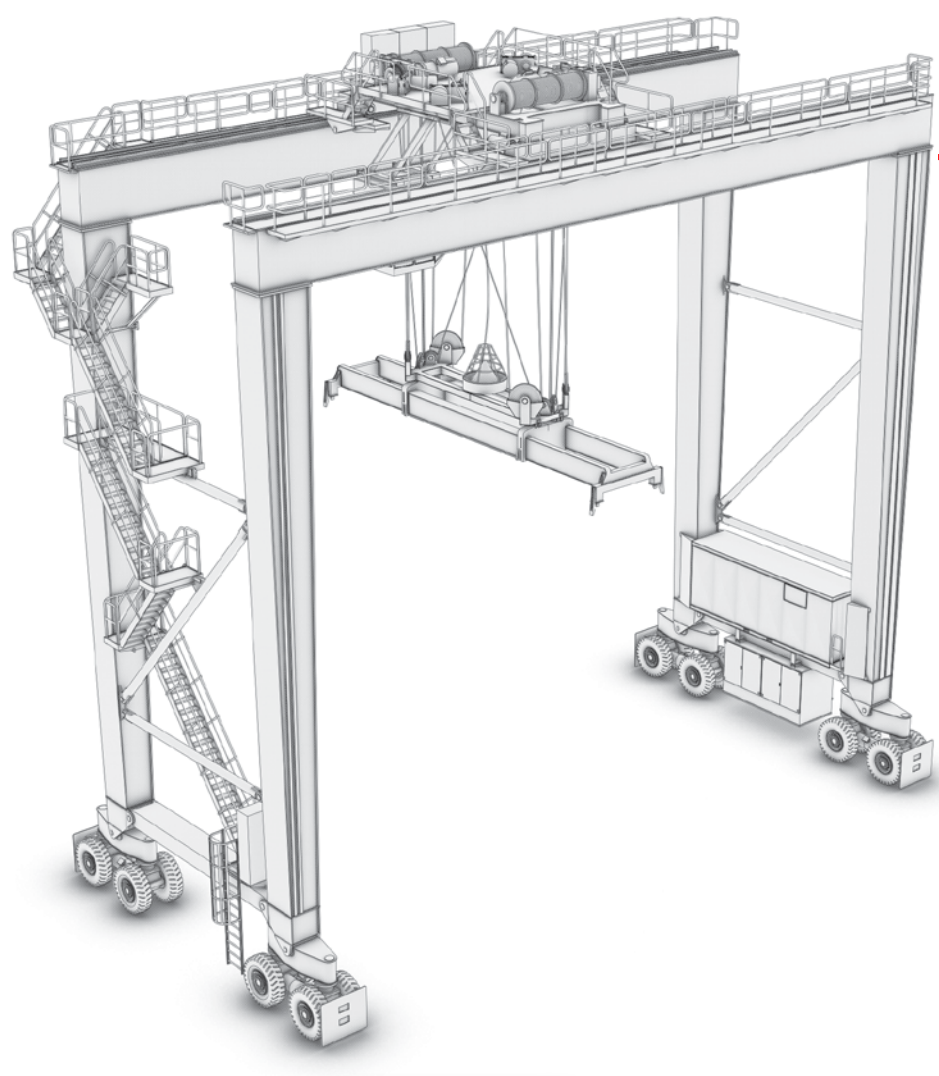


**Sensor technology at ground-level detects any truck/trailer lift, and immediately halts the hoisting action for improved safety in manual handling mode.**

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



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