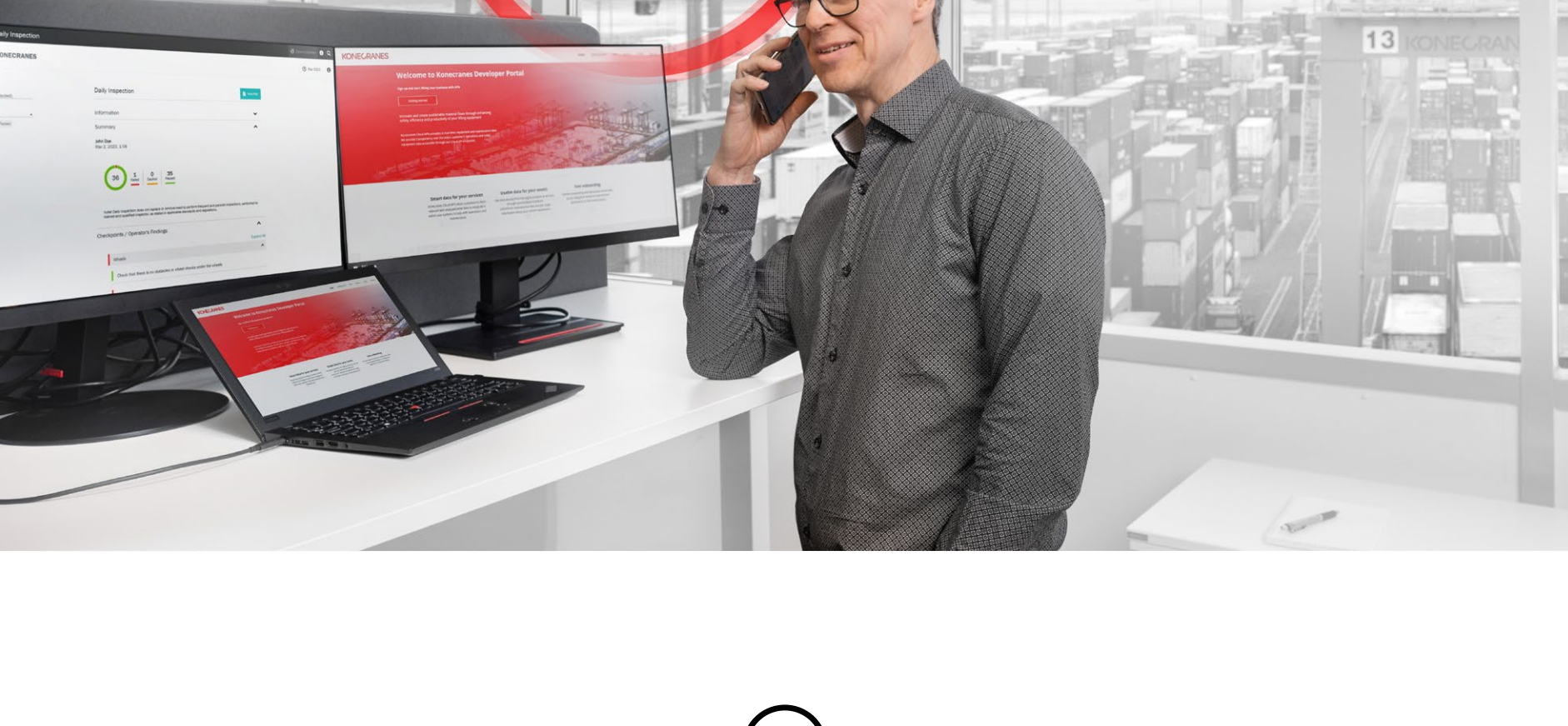


Truck Guiding Retrofit

Accurate truck positioning for faster truck handling and improved yard efficiency.

Adapt and thrive

Konecranes is the premier port services provider to brownfield terminal developments. Our range of retrofit products will enable your fleet to adapt to a fast-changing environment. Welcome to your evolution.



Supporting operators for safer, smoother RTG performance

RTG operators manage a demanding mix of tasks every shift—precise steering, accurate container placement, constant TOS updates, and full awareness of traffic and safety zones. It’s a high-skill job that naturally creates mental fatigue over time.

Our Operator-Assisting retrofits lighten that load by taking over the steering work. Operators stay fully in control of every critical decision, while the system handles the repetitive strain—helping them stay focused on what they do best: safe, confident, accurate container handling.



[Watch video at this link](#)

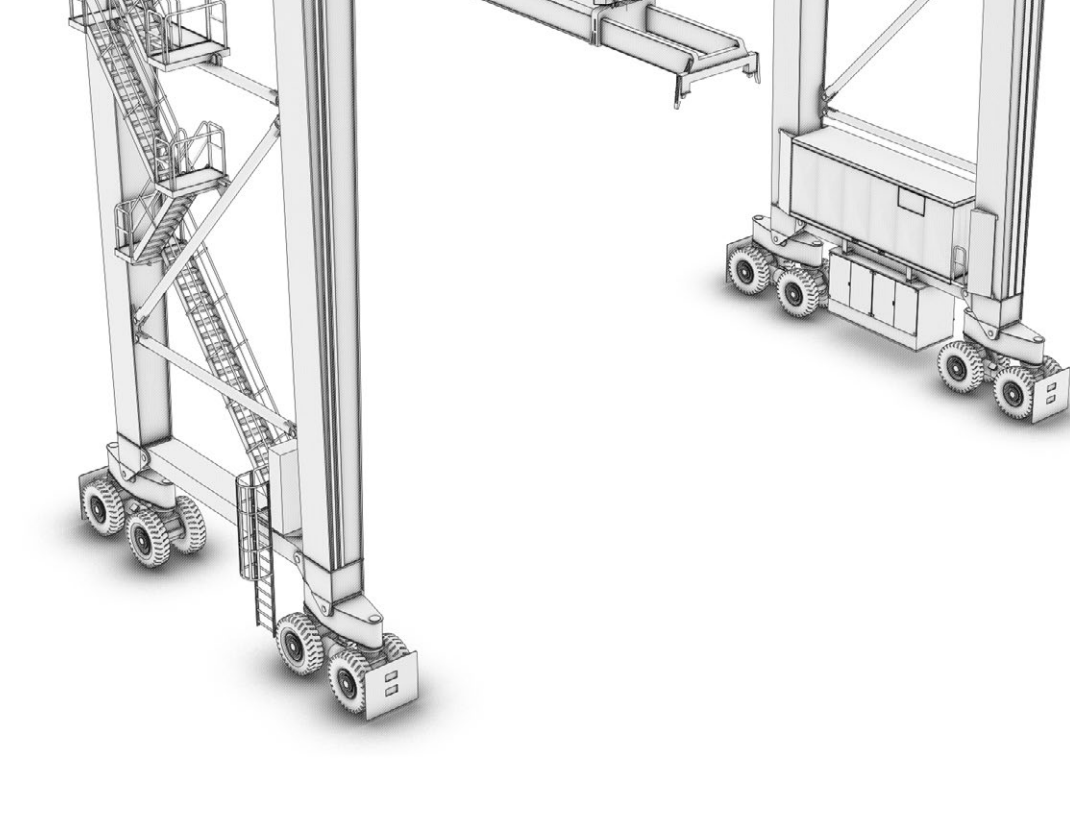
Benefits

- RTG can pick up or place container with minimum movement
- Reduced truck handling times
- May reduce energy consumption due to reduced gantry movement.



AB
Any Brand

This technology can be applied to all Konecranes RTGs as well as any other crane brand.



RTG
Rubber-Tired Gantry Crane



How it works

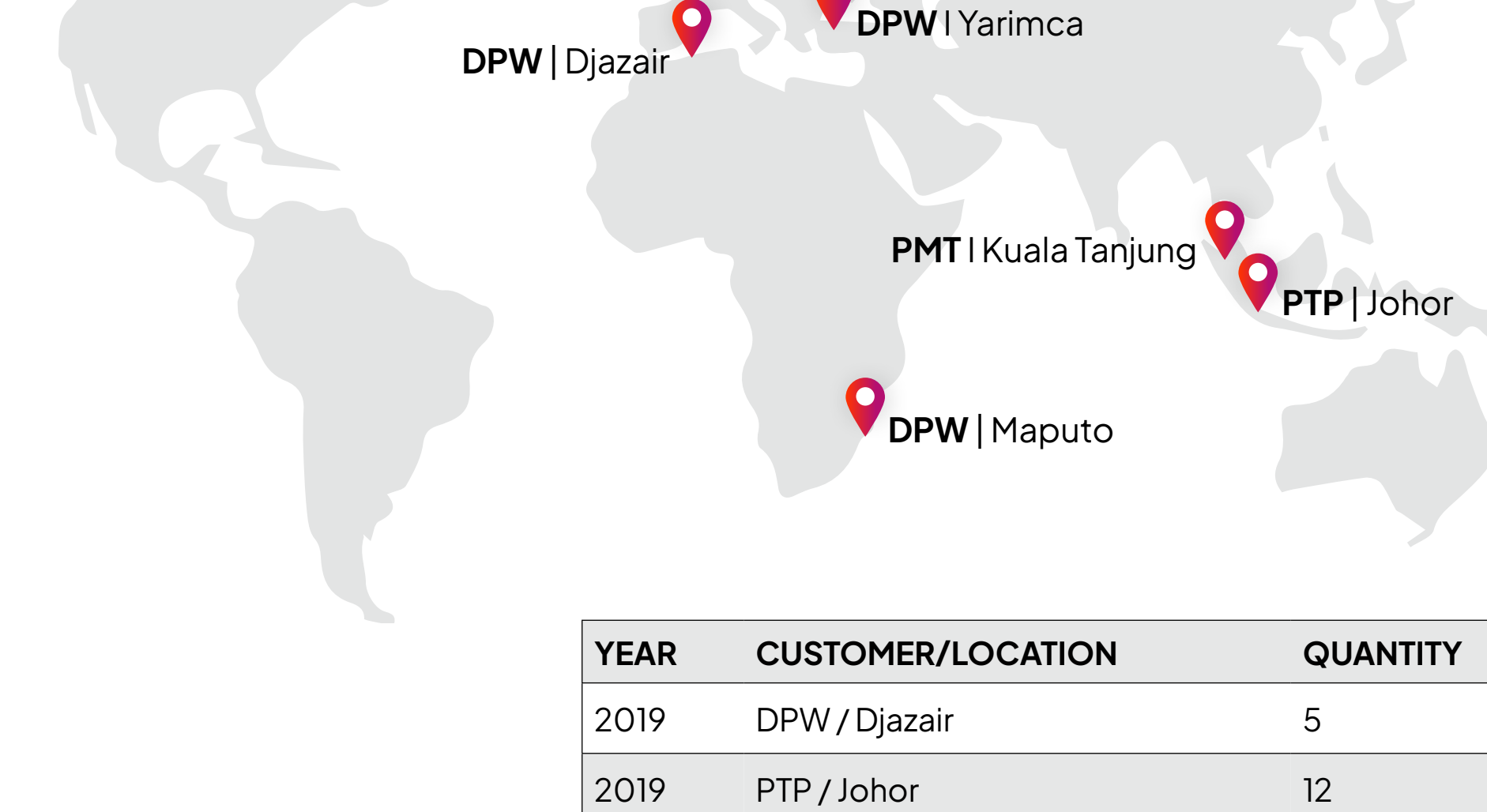
- The system uses a laser scanner mounted between the crane legs on the truck lane side
- Guiding lights (similar to traffic lights) are installed on the crane structure, visible to the truck operator either directly or from the side-view mirror
- The laser scanner then measures the profile of the truck beneath the crane and detects whether it is loaded, partly loaded or empty
- The laser scanner then measures the job order information. From/to which position the container must be placed on the trailer.
- The Truck Guiding system then signals the truck driver to park the truck in the desired position.

What you need to know

- Auto-Steering and TOS Reporting are required when offering Truck Guiding
- Site works and commissioning: 2 days per crane
- Product is highly recommended for further automation
- Customer needs to provide safe location where installation and commissioning can be completed.



Selected References



YEAR	CUSTOMER/LOCATION	QUANTITY
2019	DPW / Djazair	5
2019	PTP / Johor	12
2018	PMT / Kuala Tanjung	8
2016	DCT / Gdansk	16
2015/20	DPW / Yarimca	6
2016	DPW / Maputo	6



Ports. Evolved.



Konecranes is a global leader in material handling solutions, serving a broad range of customers across multiple industries. We consistently set the industry benchmark, from everyday improvements to the breakthroughs at moments that matter most, because we know we can always find a safer, more productive and sustainable way. That’s why, with around 16,500 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2025, Group sales totalled EUR 4.2 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

© 2026 Konecranes. All rights reserved. 'Konecranes', 'Moves what matters' 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.