CASE STUDY

KONECRANES

New Konecranes
Noell straddle
carriers boost
efficiency and
reduce emmissions
at Birmingham
Terminal



One of Konecranes' new Noell Straddle Carriers (left) at Birmingham Intermodal Freight Terminal

in the UK. Also pictured, right, are Konecranes' Rail Mounted Gantry cranes.



Leading UK multi-modal logistics company Maritime Transport Ltd (Maritime) is enhancing the operational and environmental efficiency of its Birmingham Intermodal Freight Terminal (BIFT) with the addition of two new Konecranes Noell Straddle Carriers.

The two new Konecranes Noell NSC 644E diesel-electric straddle carriers – globally available for container ports and intermodal/multi-modal terminals – have a four-high container stacking capacity with Konecranes' Noell singlelift spreaders.

The new machines, with a new engine design, replaced older ones to provide faster, more reliable container loading and unloading. Remote service support from Konecranes is included, and there is an option for two additional straddle carriers if operations continue to expand.

"The new engine design reduces emissions and improves efficiency and productivity in the yard. And the remote service support allows us to monitor the machines in real time and make remote assessments when required," said Mr Neil Griffiths, Sales and Service Director (UK) -Konecranes.

Mr Stuart Wardlaw, Fleet Director of Maritime, said, "We are committed to investing in our infrastructure to ensure we can deliver the best possible service to our customers, however unique their requirements are, and we look

forward to taking advantage of the benefits these two new machines will bring to our day-to-day operations at BIFT."

"Maritime acquired BIFT in 2014, and has grown the terminal's operation from one daily service to five. Turnaround times for the rail hub are some of the best in the industry, and the new straddle carriers, now in operation, are a testament to the investment we continue to make in rail, proving our commitment to providing unrivalled services to our customers," said Mr Wardlaw.

Konecranes Noell Straddle Carriers

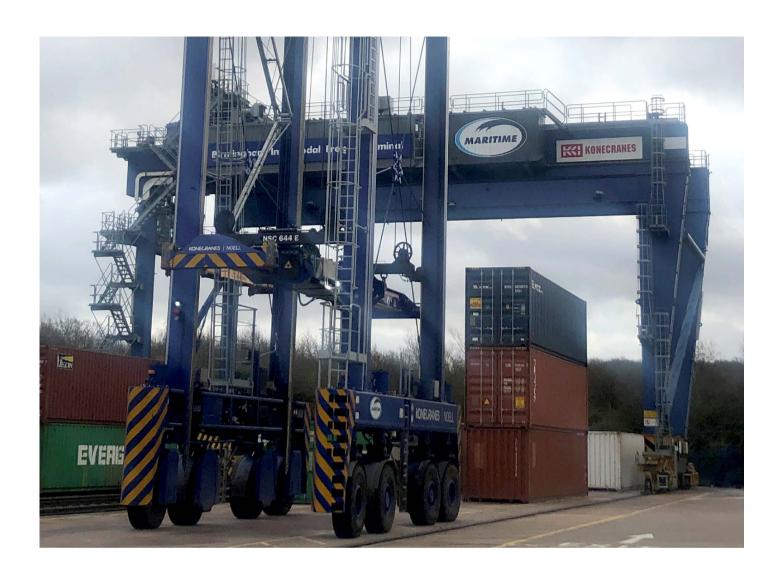
Konecranes has decades of experience as a leading supplier of cargo handling solutions for container ports and intermodal terminals.

The benefits of Konecranes Noell Straddle Carriers include:

- · Lightweight construction with a low centre of gravity for optimised safety
- High travel speeds and outstanding manoeuvrability
- Eco-friendly drive options that require minimal energy and reduce emissions
- Outstanding accessibility and visibility over the whole working area, which enhances the operator's safety and performance
- Low initial investment compared to other types of container handling equipment

Konecranes Noell Straddle Carriers are highly versatile. They can be tailored to suit particular ports or cargo handling applications, including semi-automated or fully automated operations.







Birmingham Intermodal Freight Terminal

Maritime Transport Ltd Birch Coppice Industrial Estate **Tamworth** B78 1SQ

www.maritimetransport.com

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. In 2019, Group sales totaled EUR 3.33 billion. Including MHE-Demag, the Group has around 18,000 employees in 50 countries. Konecranes shares are listed on the Nasdaq Helsinki (symbol: KCR).

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