

PORT OF MIDDLESBROUGH

Eco-efficient
mobile harbor
crane for the UK,
delivered and
commissioned in
record time

"The service level we have received from Konecranes over the past decade has been exceptional and we continue to be impressed with Konecranes' flexibility and dedication to exceed customer expectations."

Gary Dawson
Managing Director
Port of Middlesbrough



The Port of Middlesbrough is an important logistics hub in North East England. Due to its growth, Port of Middlesbrough ordered another eco-efficient Konecranes Gottwald Mobile Harbor Crane in summer 2021, which was handed over in November 2021. The crane was manufactured, delivered and commissioned in just four months.

Proven excellence in multimodal logistics

The Port of Middlesbrough has been a key to regional trade for nearly 200 years. The family business with an 80-year track record of excellence in logistics, has built the port into a modern multimodal logistics center supporting manufacturing supply chains across various industries with deep-water berths, rail terminals, a container terminal and road transport.

Part of a sustainable £10 m master plan

In the framework of a £10 m master plan to invest further in the port facility, supporting its customers and positioning its business for further growth, Port of Middlesbrough needed a new high-capacity mobile harbor crane quickly. As they have three existing Konecranes Gottwald mobile harbor cranes, they opted again for Konecranes.

Increasing lifting power significantly

The new Model 5 mobile harbor crane is the biggest in the port of Middlesbrough and has allowed Port of Middlesbrough to significantly increase their available lifting power. It handles a wide range of cargo including containers, bulk materials, breakbulk, project cargo as well as components for off-shore wind and renewables.

Fully electric, powered by the port's mains

In line with the drive to reduce emissions to meet their environmental targets, Port of Middlesbrough opted for a fully electric crane. The Model 5 crane is powered by the new harbor mains system which completely eliminates local carbon emissions and keeps noise emissions to a minimum.



Port of Middlesbrough

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Successful hand-over of the Konecranes Gottwald Model 5 Mobile Harbor Crane – from left: Gary Dawson (Managing Director, Port of Middlesbrough), Marc Wilson (Konecranes), Andy Watkins (Operations Director, Port of Middlesbrough), Jon Haden (Konecranes), John Young (Financial Director, Port of Middlesbrough)

Customer

- Port of Middlesbrough, Middlesbrough, UK

Industry

- Modern multimodal logistics center
- Port operations
- Supporting manufacturing supply chains across various industries

Challenge


- A high-performance mobile harbor crane was needed quickly

Solution

- Konecranes Gottwald Mobile Harbor Crane (G HMK 5506) with a working radius of 51 m, the reach needed for ships up to post-Panamax class, and a maximum lifting capacity of 125 t

Benefits

- Versatile: the multi-purpose mobile harbor crane can handle a wide range of cargo
- Eco-efficient: the fully-electric crane is equipped with external power supply
- Flexible: with its additional onboard diesel genset, the crane can be moved outside of the harbor mains connection range
- Quickly available: the crane was handed over only four months after the order was placed

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