World's largest hydraulic crane arrives at Port of Immingham

The world's largest hydraulic crane has arrived at the port of Immingham.

The eagerly-awaited Mantsinen 300M Hybrilift arrived direct from the factory in Finland, and is a £3 million investment by Associated British Ports to boost handling capabilities in Britain's largest port by tonnage.

It was supplied by Cooper Specialised Handling Ltd, the UK's leading independent port equipment supplier.

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Simon Bird, regional director for ABP Humber, said: "The arrival of the Mantsinen crane marks another significant milestone in ABP's ongoing investment programme to enhance and expand our offer.

"Across the Humber ports we are investing around £32 million in cranes as part of a five-year programme to ensure we have the right equipment and infrastructure to support our customers and bring growth to the area."

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ABP's new crane arrives from Finland. The near £3 million investment is billed as the world's largest of its type. (Image: ABP)

Port operatives will now be trained in how to use the new model before it becomes operational. Last month a group, including engineers, travelled to Finland to see the final build and experience a simulator.

Launched in 2018, the super-sized machines now have the reach and capacity to serve panamax size vessels, and can handle as much as 1,500 tonnes per hour — far greater than the rope crane equivalents.

It also has sustainable technology in the Hybrilift energy storage and recovery system, which increases energy efficiency by up to 50 per cent.

The machine weighs in at 365 tonnes, without attachment, and

is diesel powered by an EU stage five Volvo 16 litre diesel engine, which offers high performance but low fuel consumption and durability.

ABP has opted for an 18.5m curved boom and 14m stick and the machine has a six-axle wheeled undercarriage.

It also features a cab riser to enable the operator to position themselves in an optimum position over the hold to gain a direct line of sight.

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