

Press Information

First Liebherr portal slewing crane in the US

- **New Liebherr-Portal Slewing crane type LPS 420 for North Carolina Ports facility at the Port of Morehead City, USA**
- **Special curve running gear allows the crane to travel through a 90 degree bend with an inner curve radius of 90 metres**
- **Multi purpose crane to handle bulk and project cargo**

North Carolina Ports opted for a new Liebherr portal slewing crane type LPS 420. The multi purpose machine is equipped with a special designed curve traveling gear that allows the crane to travel a 90 degree curve with a inner radius of 90 metres. The fully assembled crane was handed over in autumn 2019.

Rostock (Germany), February 2020 – In autumn 2019 Liebherr Maritime Cranes handed over the first rail mounted gantry harbour crane to the United States of America. The customer North Carolina Ports (NCP) opted for a Liebherr-LPS 420 with a special designed curve running gear for its terminal at the Port of Morehead City.

The special design of NCP's terminal required the crane to be ready for operation at all quay edges of the rectangular terminal. To ensure this, the rail-mounted gantry crane was equipped with a special curve running gear. This allows the crane to travel through a 90 degree bend with an inner curve radius of 90 metres.

“The addition of the new LPS 420 rail-mounted gantry crane at the Port of Morehead City represents North Carolina Ports’ commitment to investing in the future and long-term success of the Port, its customers and the economy of North Carolina. The new crane will enable us to more efficiently handle a diverse range of cargoes and ultimately better meet customer demand.” – Paul J. Cozza, North Carolina Ports Executive Director

Multi Purpose Crane

The Port of Morehead City is a breakbulk and bulk facility, is one of the deepest on the United States East Coast, and it's just four miles from the Atlantic Ocean. Therefore, the new LPS 420 is equipped as a multi-purpose crane and will be used by North Carolina Ports mainly for handling grain and fertilizer. It is also used for various project cargoes, including

parts of wind turbines, trains and rails. The crane was shipped fully assembled. Which means, no time-consuming assembly was required on site and the crane was ready for operation shortly after unloading.

About North Carolina Ports

North Carolina's ports in Wilmington and Morehead City and Charlotte Inland Port link the state's consumers, business and industry to world markets and serve as magnets to attract new business and industry to the State of North Carolina. Port activities contribute statewide to more than 87,700 jobs and 678 \$ million each year in state and local tax revenues.

Pictures



liebherr-lps-420-portal-slewing-ncp-usa-1.jpg

The new multi-purpose crane is mainly used for handling bulk and project cargo



liebherr-lps-420-portal-slewing-ncp-usa-2.jpg

A special curve running gear enables the crane to travel through a 90 degree curve with an inner curve radius of 90 metres

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