

Press information

Flexible Barge Solution at the Harbor of New York

- **Liebherr mobile harbour crane type LHM 600 on barge allows Sims Metal Management maximum flexibility by moving the crane to different terminals by sea**
- **Most powerful floating mobile harbour crane in the United States with a maximum capacity of up to 75 tonnes in 4-rope grab operation**

At the New York Harbor, NY, Sims Metal Management uses a Liebherr mobile harbour crane type LHM 600 to load scrap and unload salt. The crane is placed on a floating barge and can be moved to another terminal of the port if required. With a maximum lifting capacity of 75 tonnes in 4-rope grab operation, the crane is the strongest floating mobile harbour crane on a barge in the U.S. in 4-rope grab capacity.

Rostock (Germany) June 2020 - A new Liebherr LHM 600 Mobile Harbour Crane has been in operation in the Port of New York and New Jersey since November 2019. Sims Metal Management, one of the world's leading metal recyclers, places its LHM 600 on a floating barge. This intelligent solution offers the company various advantages. Firstly, the barge solution offers enormous flexibility in terms of location. The company operates two different terminals in the New York Harbour. In addition to a terminal in the Port of Newark Sims Metal Management also operates the terminal of Claremont in Jersey City, which is about ten kilometres linear distance. Depending on requirements, the floating mobile harbour crane can be towed by sea to the appropriate terminal and is thus ready for operation in the shortest possible time.

Secondly, the Liebherr mobile harbour crane can move along the barge to reach further hatches without having to move the barge. The operation from the barge means that no adjustments to the port infrastructure are necessary. The space gained at the quay edge can also be used as storage and operational space.

LHM 600 with innovative features

Thanks to many years of experience and customer-oriented engineering, Liebherr mobile harbour crane technology sets new standards in innovation and quality. The Liebherr LHM 600 mobile harbour crane from Sims Metal Management is equipped with a 750 kW

Liebherr diesel engine that complies with the latest Tier 4 final emissions standard. The crane is equipped with a maximum lifting capacity of up to 144 tonnes. In 4-rope grab operation, up to 75 tonnes are available - making the LHM 600 from Sims the most powerful Mobile Harbour Crane on a barge in the U.S.

The Liebherr Pactronic hybrid system is installed as an additional power booster in the new machine from Sims Metal Management. Its main feature is an additional energy storage device, the accumulator. The accumulator is charged when the load is lowered and by surplus power from the conventional drive unit. The Liebherr Pactronic system is an impressive power amplifier. Both lifting and lowering speeds are significantly increased despite the fact that the primary power output remains the same.

Sims Metal Management also benefits from the Liebherr analysis software LiDAT smartApp. The smartApp is an IT-solution for the analysis and optimisation of cargo handling processes. With LiDAT smartApp it is possible to analyse crane data and initiate process improvements.

About Sims Metal Management

Sims Metal Management buys and processes scrap metal from businesses, other recyclers and the general public. With more than 250 processing facilities primarily in the United States, United Kingdom and Australasia, we recycle ferrous and nonferrous metals. The company also operates a network of processing facilities, many with deep-water port access. As a responsible corporate citizen, we continuously seek new ways to broaden our participation in the environmental sector. For more information, visit simsmm.com.

About Liebherr-MCCtec Rostock GmbH

Liebherr-MCCtec Rostock GmbH is one of the leading European manufacturers of maritime material handling solutions. The product range comprises ship, mobile harbour and offshore cranes. Reachstackers and components for container cranes are also included in the product portfolio.

About the Liebherr Group of Companies

The Liebherr group comprises more than 140 companies on all continents and has over 48,000 employees. In 2019, Liebherr achieved a consolidated total turnover of around 11.7 billion euros. As a global, family-run technology business, Liebherr is not only one of the largest construction machine manufacturers in the world, but

is also recognized in many other sectors as a supplier of technically sophisticated products and services with focus on customer benefit. Liebherr was founded in 1949 in Kirchdorf an der Iller in southern Germany.

Pictures



liebherr-lhm-600-barge-SIMS-new-york.jpg

LHM 600 on the barge allows Sims Metal Management maximum flexibility by shipping the crane to different terminals



liebherr-lhm-600-barge-SIMS-new-york-2.jpg

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Published by

Liebherr-MCCtec Rostock GmbH

Rostock / Germany

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