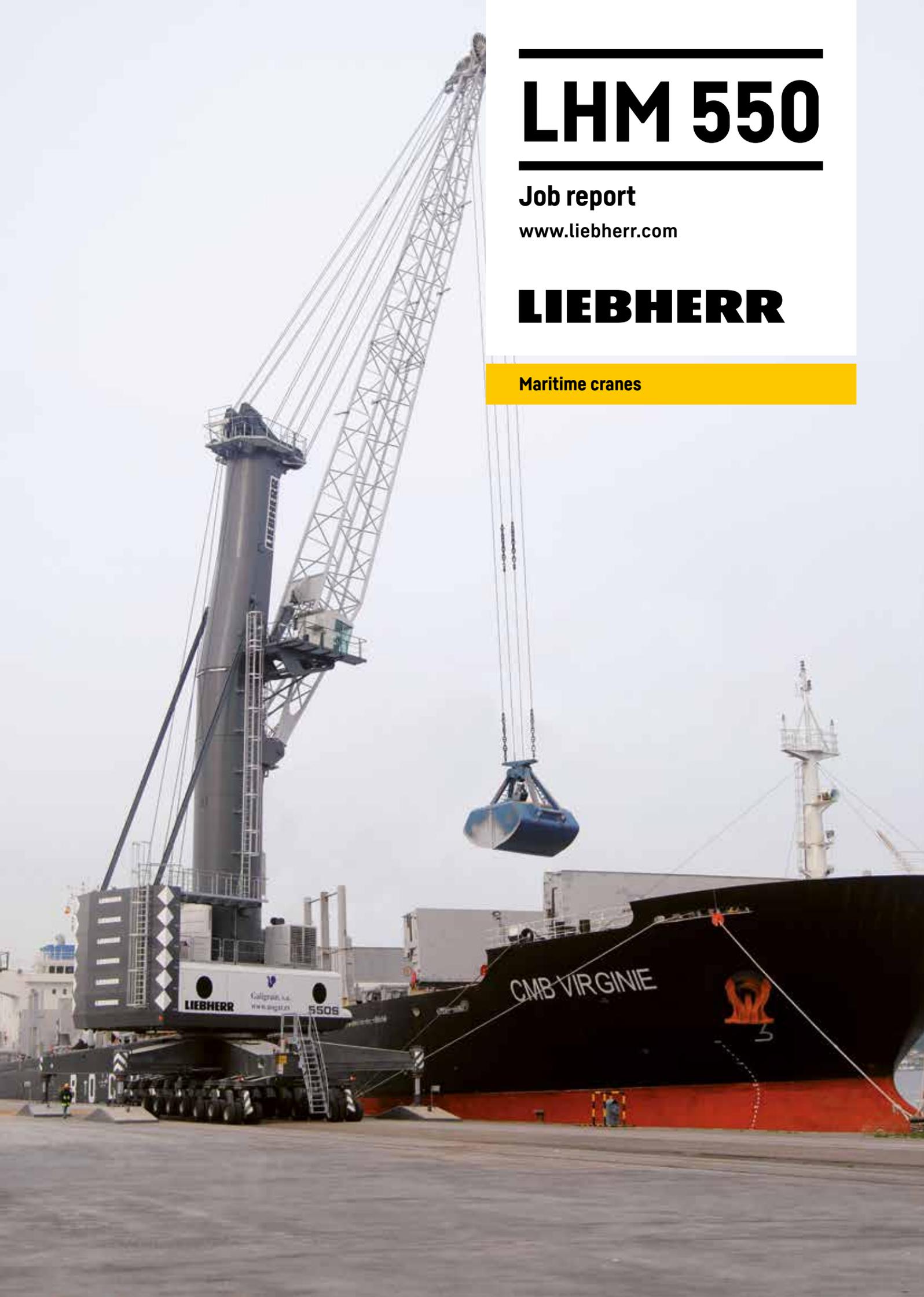

LHM 550

Job report

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LIEBHERR

Maritime cranes



Bulk handling



Situation

The Spanish port of Marin is located in the Bay of Pontevedra and provides excellent conditions for port operations. In combination with its proximity to the main entry routes for international shipping lines into central Europe, Marín has evolved into an important hub in Spain. In recent years, Marín's throughput of cereals and other bulk products from vessels up to Panamax size has continuously increased.

Task

Galigrain S.A. was facing bottlenecks and required extra crane capacity for faster unloading. In 2011, Galigrain S. A. has received their first Liebherr mobile harbour crane, type LHM 550. As extra performance was required, Galigrain decided to equip the new crane with the Pactronic® hybrid power booster and to analyze the port infrastructure to keep pace with the additional crane capacity.

Solution

Fitted with Pactronic®, the LHM 550 achieves handling rates of up to 1,800 tonnes per hour. Thanks to this new investment and the detailed adjustment of the port infrastructure by Liebherr engineers, Galigrain has significantly speeded up unloading and thereby increased its attractiveness for shipping lines. Another important advantage of the LHM is its versatility as the machine is also used for general cargo operation providing a maximum lifting capacity of 144 tonnes.

LHM 550

Capacity (t)	144
Max. radius (m)	54
Peak turnover (tph)	1,800
Scope of supply includes	Pactronic® hybrid power booster