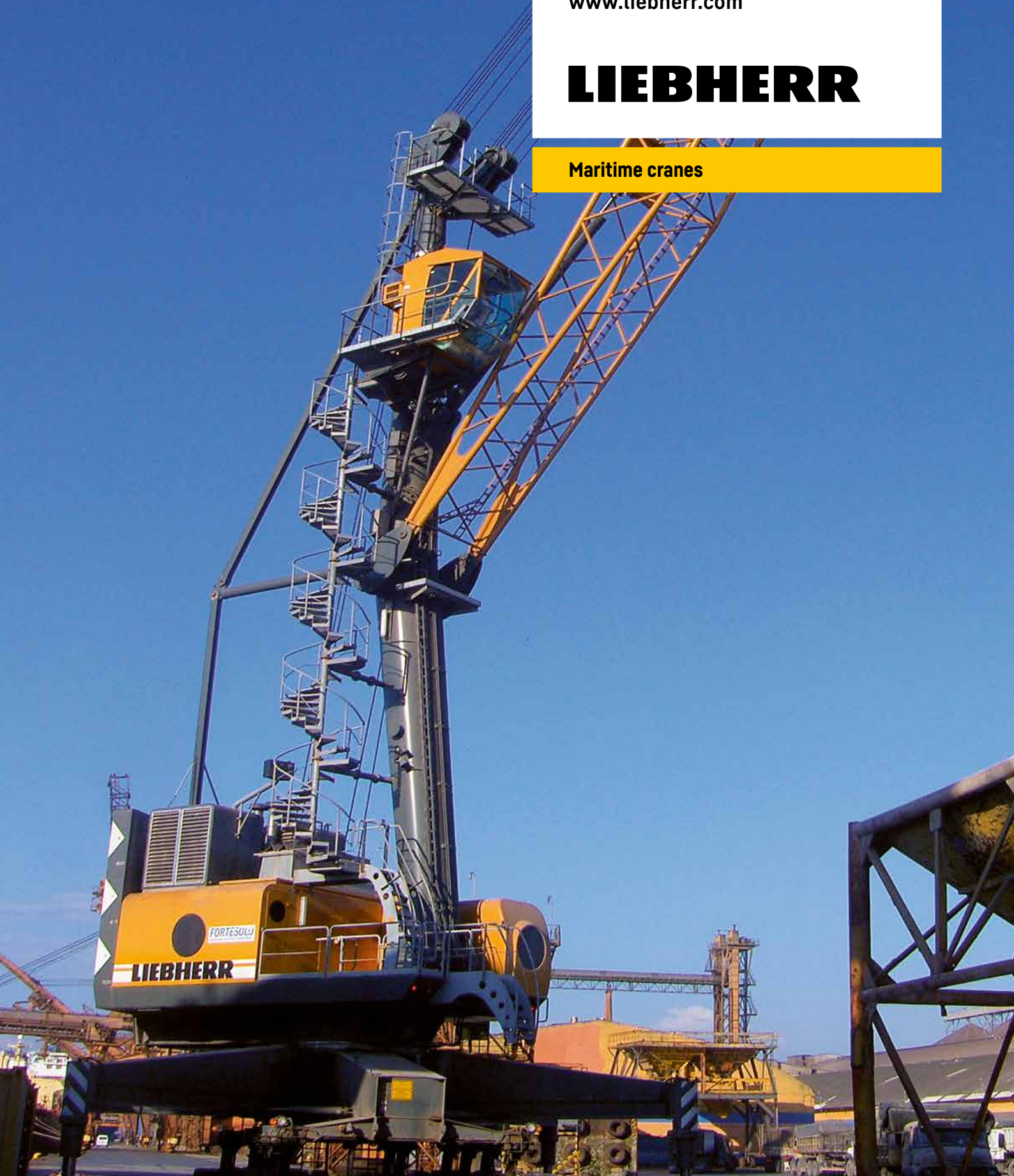

LHM 280

Job report

www.liebherr.com

LIEBHERR

Maritime cranes



Bulk handling



Situation

The Port of Paranaguá is the seaport for the Brazilian state Parana's capital, Curitiba. Located on the Paranaguá Bay at the foot of the Serra do Mar, it is just 29 kilometres from the Atlantic Ocean. The Port of Paranaguá is Brazil's most important port for the export of agricultural commodities. The port is the biggest exporter of soy beans in Latin America and it is Brazil's largest port for shipment of grains and the second biggest maritime terminal.

Task

In order to increase turnover efficiency, the first LHM 280 was delivered to the grain handling company Fortesolo for its operations in Paranaguá in 2008. With the design of the LHM lightweight series, Liebherr provides a comprehensive solution to the customers utilizing market leading technology that leverages effectiveness with regards to reliability, economy and performance.

Solution

Handed over on the 1st September 2008, this crane had already worked more than 2800 operation hours by the end of June 2009, this equates an average of 9.35 hours a day. The crane is mainly used for handling fertilizers with a density between 0.8-1.4 t/m³. Equipped with a 20m³ grab the LHM 280 is consistently achieving up to 40 cycles per hour.

LHM 280

| | |
|--------------------------|-------------------------------------|
| Weight (t) | 240 |
| Capacity (t) | 64 |
| Max. radius (m) | 40 |
| Opt. vessel size | Handymax |
| Scope of supply includes | Economy software (20% fuel savings) |