
CBG 300

Job report

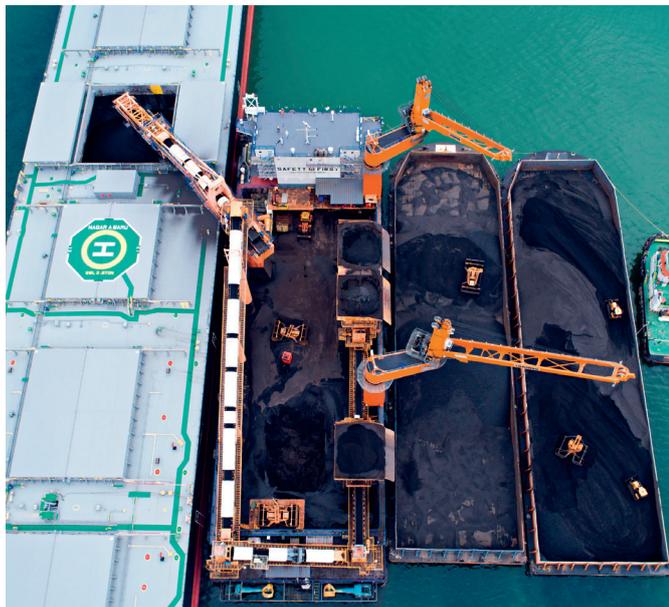
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LIEBHERR

Maritime cranes



Bulk material handling



Floating terminals in open waters are the ideal solution for meeting the requirements of rapid changes in the dry bulk shipping industry. Transshipment hubs are a future proof alternative to existing ports affected by constraints in their geographical location, draft and infrastructure restrictions as well as environmental limitations.

In 2017 the terminal was retrofitted with two Liebherr CBG 300 four-rope-grab cranes installed on 10 m eccentric platforms. The efficient and reliable high performance floating cranes ensure simultaneous offloading from two barges with the ability to adjust to the desired ratio for blending of coal.

The Offshore Floating Terminal (OFT) Zeus, developed to realize an average net loading rate of 45,000 metric tons per day, is an excellent example of heavy-duty bulk handling transshipment operation. The Zeus has a buffer storage of up to 6,600 metric tons of return cargo for pre-loading and continuous operations. It is also equipped with automatic sampling equipment metal detectors and metal catchers as well as advanced safety and environmental protection system.

As a matter of fact, the Zeus is an optimized, state-of-the-art all-in-one floating transfer solution for fast and cost-effective bulk handling in the open sea.

Liebherr CBG 300 on Zeus

Capacity (t)	30 (grab)	25 (grab)	30 (hook)
Radius (m)	28	30	30
Average performance per crane (t/h)	up to 1,000		
Key features	<ul style="list-style-type: none"> - Compact slewing column design and low weight - Low centre of gravity due to lower position of main components - Dust prevention in the machinery room through dust filters at the pedestal entrance - Low maintenance costs 		
Owner	Rocktree Logistics (www.rocktree.sg)		