

Job Report

Port of Alexandria, Egypt, 2x CBW
Port of Rotterdam, Netherlands, LHM 600



Situation

In a cement factory in Egypt, a 105 tonnes gearbox broke down. Urgent repair was required in order to continue operation as soon as possible. For that reason, the gearbox had to be transported from Egypt to a factory in Germany. In addition to the urgency, safe transportation was indispensable to avoid further damage to the component.

Task

The authorised transportation company WWL ALS in Moerdijk, which quickly arranged sea freight and trucking, had to prepare two major lifts: from truck to ship in Alexandria and vice versa in Rotterdam. The massive 105 tonnes gearbox packed for sea transport had a length of 5.5 metres, a width of 4 metres and a height of 3.5 metres.

Solution

Both lifts were performed by ship and mobile harbour cranes from Liebherr. In Alexandria, the vessel used its own CBW ship cranes in tandem operation to lift the heavy cargo safely onto the vessel. After shipment to Rotterdam, the LHM 600 of the dutch company rhh stevedoring & warehousing ensured smooth unloading of this massive piece. After a gentle lift on a 10 axle low bed semi-trailer, the gearbox continued its journey overland at night under police escort to its destination in Germany.

LHM 600

Capacity (t)	208
Max. outreach (m)	58

CBW

Capacity (t)	80
Max. outreach (m)	28