

# Scrap Handling

## Job Report

Port of Amsterdam, Netherlands  
LHM 550



*"The LHM 550 significantly increases our scrap handling capacity. Our customers will also strongly benefit from this investment."*

*Arie Holleman, director at Maja Stuwadoors*

### Situation

Maja Stuwadoors Group B.V. has been a well-known name in the transshipment industry since 1972. Headquartered in Amsterdam, the family-owned business has valuable expertise in loading and unloading bulk material. The Dutch company was already operating a fleet of seven floating cranes in various ports. Due to growing business, Maja Stuwadoors was searching for an additional crane to meet the needs of their customers in the future.

### Task

Being a major client of Maja Stuwadoors, ALBA Group provides recycling and environmental services and is also supplier of raw materials. ALBA Group recently opened a new export terminal in Amsterdam and requested Maja's long-term experience. In order to upgrade its facilities, Maja started to seek for an advanced crane with flexibility for various jobs at the port as well as short delivery time.

### Solution

After one month of negotiation, Maja Stuwadoors opted for its first Liebherr mobile harbor crane, type LHM 550. Equipped with two winches, a lifting capacity of up to 124 tonnes and a maximum outreach of 48 metres, the crane meets the requirements for highly efficient scrap handling. In grab operation the maximum lifting capacity is 75 tonnes and more than 40 tonnes at 43 metres outreach. Manufactured and tested in Rostock, the crane was delivered fully assembled just one month after signing the contract.

### Performance

Right after rolling-off the barge in Amsterdam the crane was ready for operation. "Thanks to its flexibility the new machine can be operated wherever it is required, especially in peak times," said Arie Holleman, director at Maja Stuwadoors. The two-winch set up ensures highly efficient operation thanks to Liebherr's advanced four-rope grab control. The advantage of this set up is that opening and closing times are quicker and less maintenance is required.

### LHM 550

Capacity (t)	124
Max. outreach (m)	48
Weight (t)	406