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Liebherr LHM 500

The Liebherr LHM 500 is a mobile harbour crane with a maximum capacity of 140 tonnes, a maximum lifting radius of 51 metres and a Gross Vehicle Weight of 455 tonnes. This model by NZG is in the smaller scale of 1:87, due to the large size of the real crane. It is painted in the colours of Wallmann & Co, which has operated at the port of Hamburg since 1922, and it comes with an instruction leaflet describing its assembly and operation.

The 20 sets of wheels are finely detailed for the scale with nice rubber tyres mounted on detailed assemblies. Each wheel set can be individually steered so all the modes of the real crane can be replicated on the model. Large metal spreader plates can be lowered to support the crane during lifting.

The crane body and counterweight are metal and the graphics and paint scheme are very nicely finished. Metal handrails and lights add to the quality feel and the grilles on the boxes above the engines look good. The tower is also metal.

The large lattice boom is cast in two parts and it is really well made and painted. The two sections pin together and are secured by clips

which work very well. At the boom tip there are metal sheaves and a dolly wheel for when the boom is lowered to the ground. The luffing cylinder works well and a full range of boom movement is possible. Boom positions can be secured if necessary by tightening the screws at the boom pivot point.

The hook is metal and heavy so it provides good tension on the rope, even with two falls reeved. A hole in the body allows the winch to be accessed with a key. The winch has two separate lengths of thread and the hook can be raised and lowered maintaining reasonable level.

This is really a very good model considering it is 1:87 scale, and it has a high metal content. The paint quality and graphics are very good and it looks impressive on display. It can be obtained in Liebherr colours from the Liebherr webshop for €150, with this limited version colour scheme available from dealers for rather more. To read the full review of this model visit www.cranesetc.co.uk

An impressive model



Cranes Ect Model Rating

Packaging (max 10)	8
Detail (max 30)	22
Features (max 20)	18
Quality (max 25)	22
Price (max 15)	8
Overall (max 100)	78%



The Liebherr LHM 500

Travelling on the wheels



Pads down

Metal handrails

