

# Liebherr LTR 1100

The Liebherr LTR 1100 telescopic crawler crane is capable of lifting 100 tonnes at 2.5 metres radius with a maximum height of lift of 83 metres. This model of it by Conrad is 1:50 scale and is in the colours of Hebo Maritime Services of Holland. It comes with a multi-lingual instruction sheet which describes the assembly which is straightforward, but fiddly in places.

The tracks are metal and are free-rolling while the track frames extend and retract as on the real crane. Hydraulic jacks can be screwed down to lift the crane body free of its tracks. Metal carbody counterweights sit between the tracks and these have lifting lugs which could be used to pose a lift with suitable chains.

The tilting cab is simple inside, and the crane superstructure has reasonable detail and looks great in the Hebo colour scheme. At the back there is a main winch, while a second auxiliary one can be pinned into position. The counterweight attachment mechanism is fully

replicated with plastic lifting gear and metal chains.

The boom is a six section telescopic with all sections having the 'Oviform' profile. A nice aspect is the metal sheaves which are free-rolling. The boom lift cylinder is stiff so any angle is held well and the telescoping sections are smooth and lock off at full extension. Lugs on the boom nose allow connection of the short auxiliary jib which is a well-made metal piece with the hinge assembly being plastic. Alternatively it can be stowed on the side of the boom.

Two good metal hooks are supplied and they both have metal sheaves. Operation of the winches is by using a finger on the serrated drum edge and both winches rely on friction to act as their brake and this is adequate for most poses.

Although it was introduced in 2007 the LTR 1100 is a very good quality model with some incremental improvements since first release, although the overall detail level is a little dated. It is well made with relatively little plastic, and the Hebo paintwork and graphics are attractive. It can be posed in service or broken down as transport loads, and this limited edition sells for around €170.

To read the full review of this model visit [www.cranesetc.co.uk](http://www.cranesetc.co.uk)

The Liebherr LTR 1100



Cab can tilt



Nice tracks



Installing the counterweight



Broken down for transport



## Cranes Ect Model Rating

Packaging (max 10)	8
Detail (max 30)	22
Features (max 20)	17
Quality (max 25)	21
Price (max 15)	11
Overall (max 100)	79%