

# Liebherr LTM1050-3.1

The vast majority of Liebherr's models have until now been made by the German based companies Conrad and NZG. However for their latest crane model they have turned to the Dutch company WSI. The crane in question is the LTM1050-3.1, a 50 tonne capacity three axle All Terrain crane with a maximum boom and extension length of 54 metres - comprising, 38 metres of boom and up to 16 metres of extension.

The first impression of the model is that it is highly detailed, as might be expected from WSI. Underneath the chassis it has fully a replicated transmission and suspension system and although these are modelled in plastic, the quality is high. The tyres and wheels are very good with a particularly fine tread pattern on the tyres. Each axle can steer independently so the crane can be posed with crab steering or co-ordinated if required.

The details on the carrier are excellent. Some of the graphics are absolutely tiny and they add greatly to the realistic look of the crane. At the rear, there is a tool box and very fine detailing of the lights and number plate. The carrier cab is great too. The hook block tie-down loop for road travel is precisely to scale and tiny, while the door steps and handles look completely authentic. A ladder is attached to the underside of the cab in exactly the same manner as



The Liebherr LTM1050-3.1

on the real machine. There is also some more really good modelling behind the cab with mesh grids which look very authentic.

A particularly nice feature on this model are the outriggers. The cylinder rods are smooth with the screw mechanism being internal so they look realistic. The pads have a working pinning mechanism which allows them to be fixed in an offset way so they are within the width of the crane when the outrigger beams are retracted. This is the first time this feature has been replicated on a scale model.

The crane superstructure continues the high level detail with hydraulic hosing and a nicely replicated cab interior. The counterweight has been made in sections which can be attached just like the real crane. Detailing on the boom includes various spooling drums and cable runs, and looks good. A folding swingaway extension completes the model, and it can be stripped down to form an optional assembly jib, although it can not be set to replicate an offset angle, which is a pity.

A good metal hook is supplied, as is a dummy load with the Liebherr name on it. On the review model the winch was very loose so it would not hold any significant weight.

This is an excellent mobile crane model and WSI can produce it in special colours/livery for orders as low as 100 units, so it would be a great promotional model for crane hire companies. It is available from the Liebherr webshop for €98 and is highly recommended.

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



Very fine mesh details



Convincing cab



Hydraulic hoses and tiny graphics



Set up for a lift

## Cranes Etc Model Rating

Packaging (max 10)	7
Detail (max 30)	25
Features (max 20)	16
Quality (max 25)	20
Price (max 15)	13
Overall (max 100)	81%