

# Liebherr LTM 1090-4.2

The Liebherr 1090-4.2 is a 90 tonne capacity four axle crane with a 60 metre, seven section main boom. This 1:50 scale model of it is by WSI Models of Holland.

The model is highly detailed and underneath the transmission and suspension systems are replicated in detail, while the wheels have a decent tread pattern on the tyres and a slightly different wheel design on the non-driven axle. The tyres also have Michelin branding in the sidewalls. Each axle steers independently with the range of steering movement being good.

The details on the carrier are also of a very high standard. Inside the cab Liebherr is printed on the seat backs while the computer console and dashboard have graphics applied. Behind the carrier cab there are mesh grilles which look very authentic. The carrier deck has some very nice texturing and there are working fold down ladders.

The outriggers are very good with smooth cylinder rods and small plastic spreader plates included.

The high level of detail continues on the crane superstructure, with hydraulic hosing and a nicely replicated cab interior with more graphics on the controls. The cab also tilts as on the real machine. The cylinder barrel on the boom lift cylinder is metal. Raising the boom is easy and it

can be locked in position using a grub screw on the cylinder barrel.

The counterweight has been made in separate pieces just like the real crane, and the VarioBallast system is modelled well, although on the review model the crane could not be slewed over the full counterweight when it was stowed on the carrier deck because of a clash.

The boom sections are nicely decorated with a realistic thin walled profile and they have three locking positions. At the boom nose the main sheaves are a solid block (as they are in the hook) and this is a disappointment.

The metal folding swingaway extension has nice lattice work with a working ratchet which allows offset angles to be set. The metal hook looks a little too large for use on the extension where a single line hook would have been better.

WSI has produced another excellent model for Liebherr and it will no doubt also look great when released in coloured liveries. It is available from the Liebherr shop for €167.

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

### Cranes Etc Model Rating

Packaging (max 10)	7
Detail (max 30)	27
Features (max 20)	16
Quality (max 25)	21
Price (max 15)	12
Overall (max 100)	83%

*Realistic appearance*



*On the road*



*Branded tyres and fold down ladder*



*Tilting operators cab*



*Very good geometry*