

# Liebherr LRT 1090/1100

The Liebherr LRT series of Rough Terrain cranes was launched at Conexpo earlier this year. Two versions were announced having a maximum capacity of 90 or 100 tonnes, and this 1:50 scale model by Conrad represents both cranes. It comes with a pictorial instruction sheet which also has a list of parts.

This is a typically heavy and robust model by Conrad. Looking underneath, there is detailing of the chassis components, with the transmission modelled in plastic. The wheels look good and the large rough terrain tyres are impressive. The axles steer and the range of movement is very good. The rear axle has some oscillation.

The chassis has various ladders and other parts detailed. There is no natural attachment point for the hook blocks during transport, and a length of chain would have been a good inclusion. The lights are painted. The outriggers appear to be tough plastic with single stage beams, while jack cylinders are smooth when extended with the replica timber pads being plastic.

The crane cab has a windscreen wiper and lights, and the grab rails are metal. Inside, the detail is good with a large control console and joysticks visible. The crane cab tilts and can hold any pose. The superstructure and counterweight is relatively simple reflecting that on the real crane.

The boom lift cylinder has a locking mechanism which is tightened using a supplied key. It works well when fully tightened and it will hold the boom.

There is detail on the base boom section including a plastic cable drum, and there are metal sheaves in the boom nose. The telescopic sections extend smoothly and lock into place when full extension is reached.

The bi-fold swingaway extension is a very nice metal lattice casting with a plastic

solid section which has an excellent colour match. All sheaves are metal and the extension's offset angles can be set. The hook block has three sheaves and a single line headache ball/hook is also included. The winch drums are turned by finger on the drum, and the brake is by means of friction rather than a positive lock.

As would be expected Conrad has produced a strong model which is both heavy and robust. It is particularly functional, and costs €159 from the Liebherr webshop.

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)	9
Detail (max 30)	25
Features (max 20)	18
Quality (max 25)	21
Price (max 15)	11
Overall (max 100)	83%



Offset extension



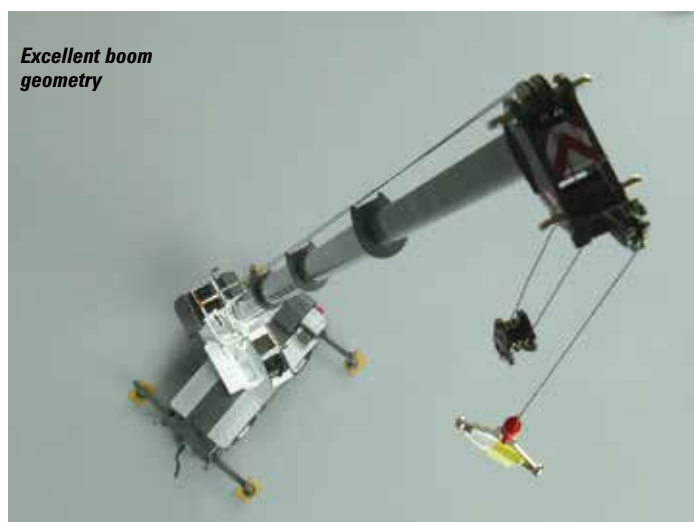
Classic RT pose



Interesting load on a truck



Nice outriggers and pads



Excellent boom geometry