

# Grove GMK6300L

The Grove GMK6300L All Terrain crane first appeared at the Bauma exhibition in 2010. It has a maximum capacity of 300 tonnes and an 80 metre main boom. This 1:50 scale model is by Conrad of Germany.

Out of the box this is a heavy model. Looking underneath, there is some detailing of the carrier chassis with the drive transmission modelled in plastic. The tyres are good and the axles steer in pairs, so most of the steering modes of the real crane can be simulated, with a very good range of movement. There is working spring-loaded suspension on the axles.

The carrier cab has windscreen wipers but not all of the mirrors are silvered, which is an odd compromise. The loop at the front for attaching the hook during transport is not useable. Behind the carrier cab the detailing of engine components is very good, including the exhaust system.

The metal outrigger beams are two stage and can support the entire crane off its wheels. The outrigger jacks are smooth when extended, and the pads are plastic.

The tilting crane cab has a windscreen wiper and lights, and metal grab rails. Inside, there is a large control console and the joysticks are visible. The crane superstructure has metal hand rails and textured surfaces, while small graphics add detail.

The central counterweight slabs are well finished with graphics, and have usable lifting lugs, whilst the lugs on the large side weights are not useable.

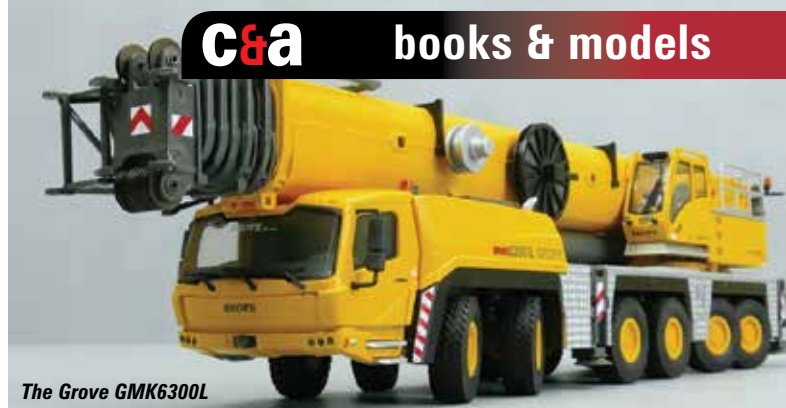
The large main boom lift cylinder has a plastic barrel with a good finish. It has a locking mechanism which is tightened using a supplied spanner/wrench. The seven section boom has detail on the base section, including plastic cable drums and there are metal sheaves in the boom nose.

The bi-fold swingaway extension is a very nice metal casting with metal sheaves. The hook block has three sheaves and is nice enough, but a single line hook/headache ball would have been a nice inclusion for use with the extension.

As you would expect Conrad has produced a strong model which is both heavy and robust, and there is relatively little use of plastic. At maximum boom extension the model is an impressive 2.1 metre height with the extended swingaway installed. It can be obtained from the Manitowoc web shop for €350.

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

Cranes Ect Model Rating	
Packaging (max 10)	8
Detail (max 30)	25
Features (max 20)	17
Quality (max 25)	21
Price (max 15)	9
Overall (max 100)	80%



The Grove GMK6300L



On the road with a ballast trailer



Very nice detail on the carrier



Self-ballasting



Lifting Potain mast sections on the main boom