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**PARIS**  
**23 - 28 APRIL 2018**

INTERNATIONAL EXHIBITION  
FOR CONSTRUCTION  
AND INFRASTRUCTURE

# BUILDING TOMORROW, TODAY

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#intermatparis

# Grove GRT8100

The Grove GRT8100 is a Rough Terrain crane with a maximum capacity of 90 tonnes and a 47 metre main boom. A 17 metre bi-fold swingaway extension with manual or hydraulic luffing plus a fixed insert takes the maximum tip height to almost 73 metres. This model by Conrad is 1:50 scale and it comes with an instruction sheet to describe the main aspects of the model.

The chassis has the drive transmission modelled in plastic, while the wheels and large rough terrain tyres look good. There is some nice detailing of grilles and there are folding ladders at each end. The axles steer with a very good range of movement, and the rear axle has some oscillation.

The single stage outriggers are tough plastic with an excellent colour match, and are strong enough to support the crane with wheels free of the ground. The outrigger cylinders are smooth when extended, and they have plastic pads.

The tilting crane cab has a windscreen wiper and lights, and the grab rails are metal. There are some very sharp tiny graphics which give the model a realistic look. Inside the cab the detail is good including a fire extinguisher. The crane superstructure frame has hydraulic hoses running to the winches, and the handrails at the winches can fold up and down. The counterweight is also detachable.

The large main boom lift cylinder has a plastic barrel with an excellent colour match and it has a locking mechanism which is tightened using a supplied key. The boom has detail on the base boom section, including drums and lights, and the telescopic sections extend smoothly.



*At work*

The bi-fold swingaway extension has very nice metal lattice work with a solid plastic section upper section, and it is hydraulically offset to angles of up to 40 degrees. All sheaves are metal, and two hook blocks are included.

This is an impressive Rough Terrain crane model and its heavy weight adds to the feeling of strength and toughness. It is very functional, with some very nice detailing. It costs €205 from the Manitowoc store.

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)	8
Detail (max 30)	25
Features (max 20)	19
Quality (max 25)	21
Price (max 15)	10
Overall (max 100)	83%



*Travelling on site*



*Nice outriggers and pads*



*Tiny graphics add detail*



*Offset swingaway*