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Tadano GR-1000XL

The Tadano GR-1000XL Rough Terrain crane has a maximum capacity of 91 tonnes. It can be configured with a main boom and bi-fold swingaway extension to a maximum under hook height of around 64 metres and has a gross vehicle weight of about 52 tonnes. This model is made in 1:50 scale and it comes with a good instruction sheet.

The chassis is reasonably detailed with the transmission modelled and the big wheels look good. They also steer and the unit has working suspension. There is some plastic detailing but the outrigger beams are metal, with the cylinder rods provided with exposed screw threads.

The operator's cab is plastic and appears on the small side, but seems to scale accurately for the overall height. It has mirrors and wipers and reasonable internal detailing. The crane superstructure is a relatively simple casting with plastic mirrors adding detail and the two winches have hydraulic hoses running to them.

The boom sections are metal with metal sheaves in the boom nose, but they are not separate, but are a solid block of sheaves. The main boom cylinder has a plastic barrel.

Telescoping of the boom is smooth and spring clips lock each section at full extension.

The bi-fold swingaway extension is a nice metal casting with metal sheaves. It can be posed in the transport position or pinned in place on the boom nose and can be used in the full or folded mode. In addition to being posed straight, two offset angles can be set.

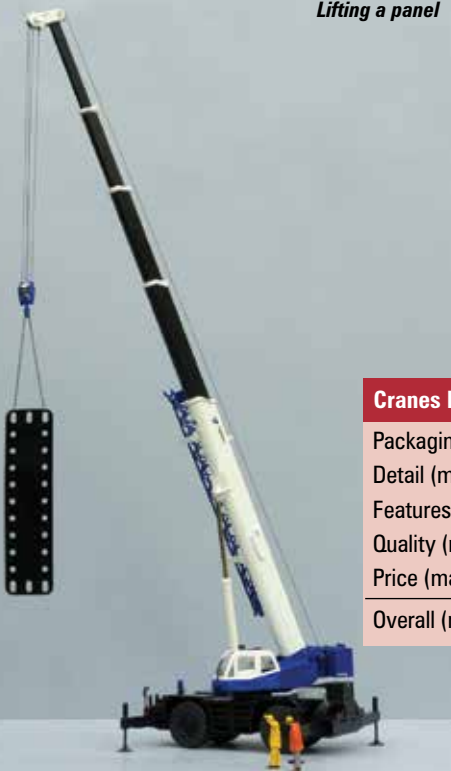
Three metal hook blocks are supplied. Two are similar with a solid block of sheaves inside and either a single or double hook, and there is also a single line headache ball. The two winches are fairly easy to turn by hand with some friction although the solid sheaves tend to prevent the big hook blocks smoothly lowering.

This is a reasonable quality model with good paint quality and the few graphics are sharp. There are not

so many Rough Terrain crane models around so it is a welcome one to see. A very similar crane model, the GR-800EX, can be obtained from the Tadano webshop for €105.

To read the full review of this model visit www.cranesetc.co.uk

Lifting a panel



Cranes Ect Model Rating

Packaging (max 10)	8
Detail (max 30)	18
Features (max 20)	16
Quality (max 25)	18
Price (max 15)	10
Overall (max 100)	70%



The Tadano GR-1000XL



Cab and winch details



Mounting a low loader



Fly jib at an offset angle

Aerial lift rental market reports

IPAF has published its annual USA and European aerial lift rental market report for 2013. Now in its sixth year the report continues to be improved, refined and building on the database which dates back to 2008.

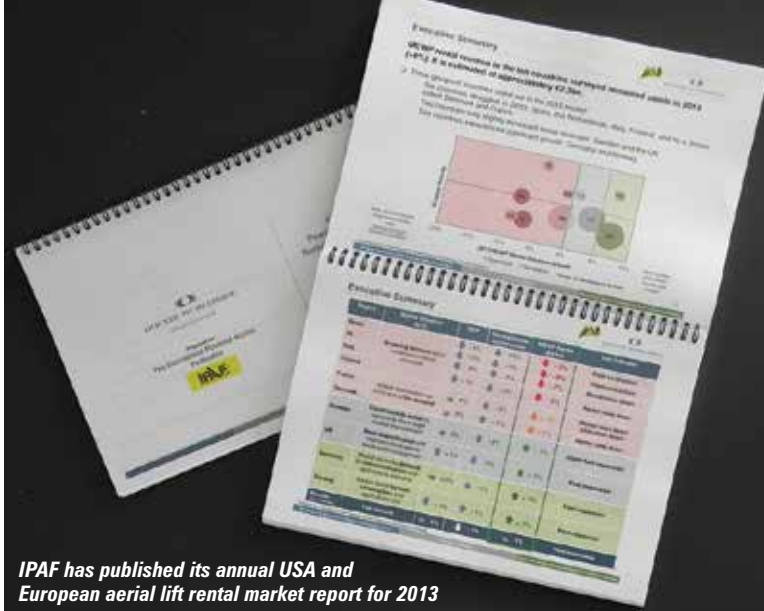
This year the reports include a first look at the Chinese market, albeit with briefer – but quite appropriate – coverage than for the more developed markets. The worldwide machine population estimates now include most, if not all of Asia.

The reports are very comprehensive and include coverage of the European market as whole, incorporating 34 countries, with an in depth look at France, Italy, Germany, the Netherlands, Spain, the UK and the four Nordic countries of Sweden, Denmark, Finland and Norway.

The reports not only cover aerial work platform data, but also include construction and economic indicators and data, for use as a comparative for the industry trends. The aerial lift market information is certainly very detailed, with numbers and charts on total

fleet sizes, split between booms, scissors, vehicle mounts and others, articulated and telescopic, electric and diesel power etc.. providing a comprehensive overview of each market complete with trends since 2008. In addition they include useful financial information such as rental rate trends, utilisation numbers and trends return on investment and the average age of the fleet.

The reports still contain flaws, shortcomings and a little unnecessary filler here and there, as is inevitable for such a comprehensive market review. And overall we think the USA



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market overview is superior to the European, however that has to be qualified by the fact that it is a much easier market to cover and does not at all reflect on the quality of the European report. In summary these are both truly excellent and very useful reports and without question by far the best overviews of the aerial lift market available. The cost for members is €365/£304/\$471 for the European report or €288/£240/\$372 for the USA report with further discounts for

buying both. At this price they are an absolute bargain and infinitely better value than reports we have seen costing more than four times as much. It is possible to buy individual European country reports for just over £100 – but quite frankly you are better buying the full report in order to provide comparative material.

Reports can be ordered online at www.ipaf.org/en/publications/ipaf-rental-reports

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