

LG1750 Big Iron

The largest capacity lattice boom mobile crane currently made by Liebherr is the LG1750 which has a lifting capacity of 750 tonnes and can be equipped with a maximum boom and jib combination up to 200 metres. It is an unusual machine in that the crane carrier travels without the crane's boom or superstructure, which are transported separately and attached at the jobsite, following which the rest of the crane is erected. In fact the crane itself is derived from the LR1750 crawler crane, and shares many of its components. A number of these large mobile cranes have already been sold by Liebherr.

Conrad of Germany had previously produced a model of the crawler crane version of the 1750 in 1:50 scale for Liebherr, and now it has launched the LG1750 truck mounted version. The first indication that this is a big model comes with the box, which is large and heavy. Inside, all of the many parts are neatly packed, and a set of instructions guides the assembly process,

which can take around eight hours to fully rig the model in its maximum configuration.

The crane carrier is a big slug of metal with eight independent steering axles, and huge telescopic outrigger beams which are used to spread the load, and be in no doubt that the stresses in models of this size can be significant so the heavy construction is reassuring.

The crane consists of the superstructure frame which clips securely onto the carrier and includes a swing away cab which also tilts during lifting, replicating the original. A large number of boom and jib sections are supplied and these allow the crane to be configured in a number of different ways. With a simple main boom only or it can be rigged with main boom and back mast, to which the luffing jib can be added, The quality of manufacture of these parts is very good and they fit together easily to produce strong combined sections. If the model is erected to its full height it towers to over two metres and is very impressive indeed.



The massive carrier

To facilitate heavy lifting the model is supplied with a counterweight tray that hangs from the back mast, and this can be loaded up with a large number of individual counterweight slabs. The tray can also be set at different radii from the crane using an extending mechanism.

The overall quality of this model is high and Conrad has continued its reputation of engineering the models it produces well. German labour costs mean that the crane is not as detailed as some of the high quality models coming out of China these days, but it looks very good nonetheless. It is also not a cheap model, costing around €650 from most German model dealers.

Overall though, this is a highly recommended model. It is flexible in how it can be displayed, either erected in one of many different configurations, or even as a series of loads on suitable heavy haulage models. As a show of 'big iron' it will impress in a private collection or in a corporate office.

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



Lifting a vessel at height

Cranes Etc Model Rating

Packaging (max 10)	8
Detail (max 30)	24
Features (max 20)	17
Quality (max 25)	22
Price (max 15)	10
Overall (max 100)	81%



A convoy ready to roll



Attaching the crane



Big iron

An association yearbook for your bookshelf

The National Association and Scaffolding Confederation has published its annual year book for 2009. The book, more a thick magazine, is stacked full of information of façade scaffolding and the activities of the association in 2008.

There is no way you can call this a good read, and some of the content, such as the committee reports, is only of interest to the keenest of members. However, if you are an occasional or regular user of façade type scaffold you will find this yearbook to be informative and interesting. It includes a large number of interesting and unusual applications to a full list of the associations 200 members and an update on what is happening to scaffold regulation and the updates to various Technical Guidance notes.

Copies can be obtained from the NASC www.nasc.org.uk +44(0)20 78227400



The NASC yearbook a handy reference rather than a good read