



# GIS 2013 - Piacenza (Italy)

**FROM 26<sup>th</sup> TO 28<sup>th</sup> SEPTEMBER 2013**

**THE FOURTH EDITION OF THE UNIQUE ITALIAN TRADE SHOW DEDICATED TO THE USERS OF CRANES, LIFTING & HANDLING EQUIPMENT AND SPECIALIZED TRANSPORT.**

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# Liebherr LTC 1045-3.1

The Liebherr LTC 1045-3.1 is a three axle crane with a maximum capacity of 45 tonnes and this 1:50 scale model by Conrad first appeared at Bauma 2013.

The underside has some elements of the transmission modelled and all axles steer with the rear two being linked, so most of the steering modes of the real crane can be replicated.

At the front, there is a removable metal tool box which also holds a plastic mirror assembly. It has highlighted handles, nice lights and a generic number plate.

The outrigger beams are single stage and appear to be metal with the rods being smooth in appearance and with detailed plastic pads. They can hold the weight of the crane with wheels free and clear of the ground.

The cab is an interesting feature of the real crane as it is mounted on a telescopic boom so that it can be fully telescoped so that it is positioned at the front of the chassis for road travel, or retracted for regular crane operation, it can also be elevated - although this is an option on the real machine. The model reproduces this functionality very well and additionally the cab has an opening windscreen.

The main boom is lifted by a stiff single hydraulic cylinder with a plastic barrel of which the colour match is very slightly off, but the cylinder will hold the boom at any reasonable angle. The six section telescopic boom generally extends well and the boom nose sheaves are

all metal and of a high quality.

Two metal hooks are provided - a three sheave block and a single line hook which gives welcome display flexibility. A small Liebherr flag is provided as a display load.

The luffing bi-fold boom extension consists of a number of elements, which provide a variety of display options. A hook can be suspended from the end of the full extension, or from the end of the first lattice section. The entire extension can be left stowed and the short luffing base used as a short assembly jib. A ratchet system allows all the extension configurations to be set at a variety of offset angles.

As usual for Conrad this is a strong model with a high metal content, and limited use of plastic. It is a highly functional model of the LTC 1045-3.1 and many of the details are very good too. It should be available soon from the Liebherr web shop for around €129.

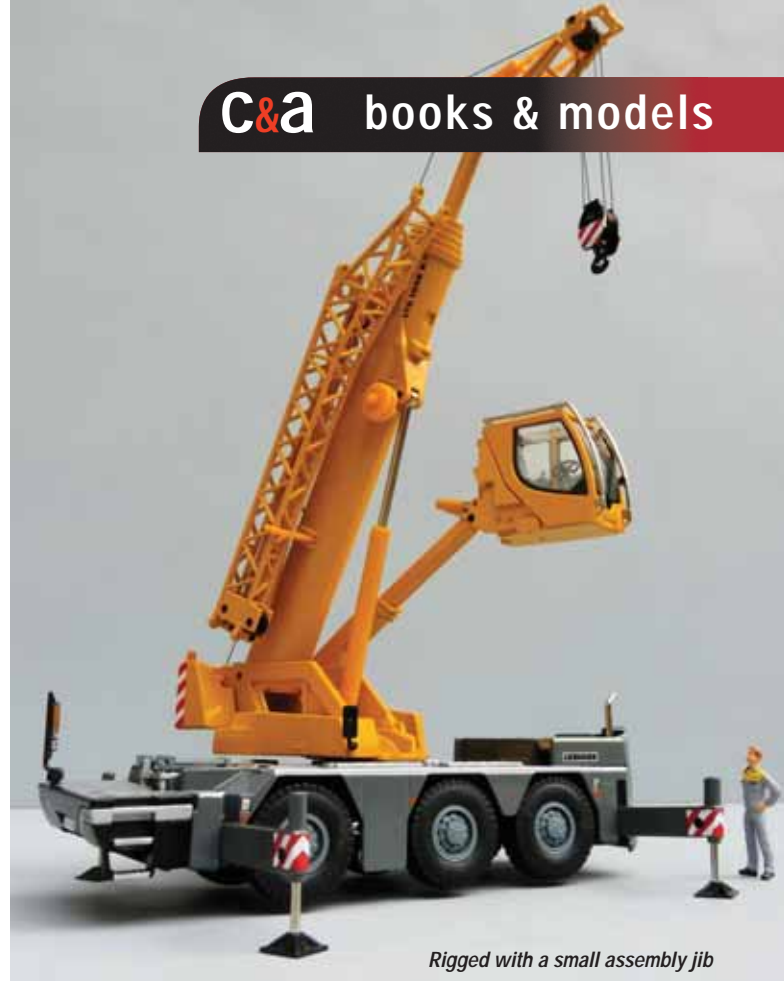
To read the full review of this model visit [www.cranesetc.co.uk](http://www.cranesetc.co.uk)

## Cranes Etc Model Rating

Packaging (max 10)	7
Detail (max 30)	24
Features (max 20)	18
Quality (max 25)	21
Price (max 15)	12
Overall (max 100)	82



*It makes a good taxi crane*



*Rigged with a small assembly jib*



*The Liebherr LTC 1045-3.1*



*Offset swingaway extension*

*Cab has an opening windscreen*