

GOING UP IN THE WORLD



A history of Simon Engineering, the development of the powered access industry and a lifetime as an engineer, by Denis Ashworth

Ashworth was a keen engineer and from an early age found himself in at the very start of the modern powered access industry.

His book is an unusual combination of autobiography and history of Simon Engineering Dudley, a pioneer of the powered access industry and at one time, the world's largest manufacturer of aerial lifts.

The coffee table sized book, is highly readable and includes around 150 photographs and drawings from the very beginning of the industry. It is a 'must read' for anyone who is interested in powered access, the hydraulic equipment industry or in comparing modern day engineering challenges with those of an entirely different era.

The book is available direct from the publishers at £19.50, plus £4.50 postage and packing.

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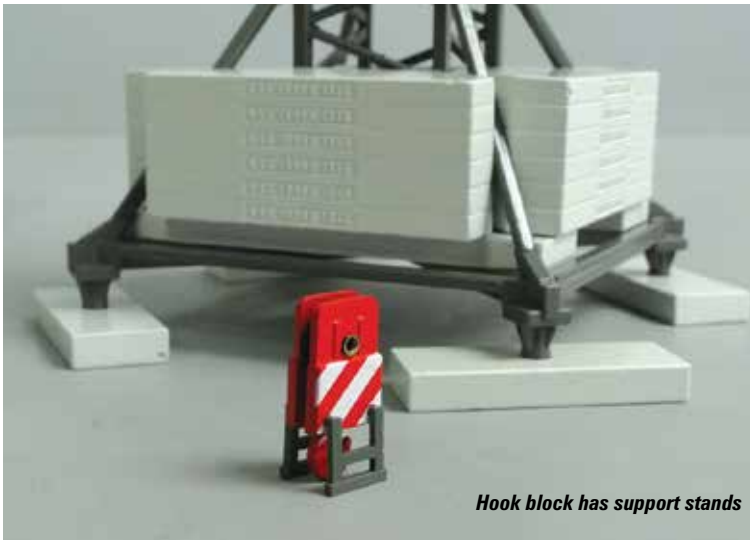
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Ballast blocks are single pieces



Tower includes rails for an elevator



Hook block has support stands



Hydraulic lift cylinder controls the luffing

LIEBHERR 195 HC-LH 6/12

The Liebherr 195 HC-LH 6/12 is a tower crane with a hydraulic luffing jib that first appeared as a prototype at Bauma 2022. It can be rigged with a maximum jib radius of 55 metres and a maximum capacity of 12 tonnes. Although it may be seen as a late entry by Liebherr into the hydraulic luffing jib sector, it was in fact a pioneer of this type with the 25 HB and 50 HB cranes of the early 1960s.

This model is made by Conrad in 1/87 scale and it comes in a high quality Liebherr branded box with a detailed instruction manual. Some of the steps are not in the right order, but assembly is generally straightforward.

The cruciform base is modelled in metal and four large ballast blocks are single pieces shaped like separate slabs. The triple height tower sections are very good with clip fixings at each end. Inside each section there are plastic ladders and platforms, and rails for an LiUP operator lift, although the elevator is not modelled.

The slew ring and tower top are modelled in one piece with the top section of jib so that it cannot be used as a transport load. The cab deck has

a realistic looking cab and cabinet with slightly over thick handrails. The short counter jib has a walkway while the counterweight is a single block.

The jib profile is excellent and is made up of three pieces. The lattice work is fine quality, although surprisingly there is only triangulation on the two sides reminiscent of much older models and this may have been a weight reduction compromise. The jib luffs by adjusting a lock on the top of the hydraulic lift cylinder barrel with a spanner and works well enough.

A metal hook block is provided with a single sheave, and the hoist/winch works by turning the protruding shaft, relying on friction as a brake. Plastic stand frames fit on each side of the block and a Liebherr branded load is also included.

Overall, this is a very good looking model only compromised from some angles by the hollow jib bottom. The tower can be built in different heights, but the jib configuration is fixed, and most parts do not make realistic transport loads. It costs €210 excluding VAT from the Liebherr Webshop.



A large, impressive model

CRANES ETC MODEL RATING

Packaging (max 10)	8
Detail (max 30)	23
Features (max 20)	15
Quality (max 25)	21
Price (max 15)	11
Overall (max 100)	78%

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