

# 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.

- Continental Europe €23 plus €6.50 postage & packing
- Rest of world \$31 plus \$10 shipping

### Ordering Information

Forename: \_\_\_\_\_ Surname: \_\_\_\_\_

Address: \_\_\_\_\_

Post Code: \_\_\_\_\_

Email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**Please make all cheques payable to 'The Vertikal Press Ltd'**

I enclose a cheque for £24 (£19.50 + £4.50 p&p)

I enclose a cheque for €29.50 (€23 + €6.50 p&p)

I enclose a cheque for \$41 (\$31 + \$10 p&p)

Please invoice me: \_\_\_\_\_

Please debit my card:

Card No: \_\_\_\_\_ Issue No: \_\_\_\_\_

Issue Date: \_\_\_\_\_ Expiry Date: \_\_\_\_\_ 3 Digit Security Code: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please send completed order form to: The Vertikal Press, Box 6998 Brackley, NN15 5WV, UK. Alternatively, fax it through on +44(0)1295 768223 or scari & email info@vertikal.net

# Link-Belt 100 RT Rough Terrain crane

The Link-Belt 100 RT is a two axle Rough Terrain crane with a maximum capacity of 100 tons (90 tonnes). It has been modelled by NZG in 1:50 scale. It comes with a coloured instruction sheet although there are no reeving diagrams.

The chassis has the transmission and steering components detailed, and the wheels have nice large chunky tyres. Both axles steer independently. There are metal handrails and steps on the side of the chassis, although it lacks tie down lugs for the hooks when the crane is travelling. A storage cabinet on the carrier has an opening door which reveals interior detail.

The outrigger beams are single stage metal, with chevron graphics, but the outrigger jack cylinder rods show screw threads when extended.

The operator's cab is nicely modelled, and it can tilt a small amount, with the grab rails being plastic and tiny graphics adding detail. Handrails on the superstructure are metal. The removable counterweight is modelled as a solid block, with excellent tiny warning signs applied.

The boom lift cylinder has a plastic barrel with an excellent colour match. It accommodates a locking grub screw which works as a system but is not as good as a fully metal part. The boom nose has two rods with a lug on each end which act as connection points for the swingaway extension. However, they are loose and easily slide sideways out of position.

The bi-fold extension is made in two separable metal parts. They connect with tiny brass nuts and bolts for which tools are supplied. The ratchet mechanism has been modelled in the casting, but it is non-functional. Two hooks are supplied: a single line headache ball and a multi sheave hook block for heavy lifting. They are very nicely made with all sheaves on the model

being metal. A metal Link-Belt load plate is also included.

Overall, this is a nice quality Link-Belt model by NZG with some very nice detailing such as the tiny graphics. Aspects of the functionality could be better such as the plastic boom lift cylinder barrel which is not as good as a full metal system. It costs €229 at European dealers.

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)	15
Quality (max 25)	20
Price (max 15)	10
Overall (max 100)	78%



*Lifting on the extension*



*Travelling on site (chains not included)*



*Looks great as a transport load*



*Opening battery and lower controls box*



*Excellent graphics add detail*