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Grove GMK6300L

The Grove GMK6300L All Terrain crane first appeared at the Bauma exhibition in 2010. It has a maximum capacity of 300 tonnes and an 80 metre main boom. This 1:50 scale model is by Conrad of Germany.

Out of the box this is a heavy model. Looking underneath, there is some detailing of the carrier chassis with the drive transmission modelled in plastic. The tyres are good and the axles steer in pairs, so most of the steering modes of the real crane can be simulated, with a very good range of movement. There is working spring-loaded suspension on the axles.

The carrier cab has windscreen wipers but not all of the mirrors are silvered, which is an odd compromise. The loop at the front for attaching the hook during transport is not useable. Behind the carrier cab the detailing of engine components is very good, including the exhaust system.

The metal outrigger beams are two stage and can support the entire crane off its wheels. The outrigger jacks are smooth when extended, and the pads are plastic.

The tilting crane cab has a windscreen wiper and lights, and metal grab rails. Inside, there is a large control console and the joysticks are visible. The crane superstructure has metal hand rails and textured surfaces, while small graphics add detail.

The central counterweight slabs are well finished with graphics, and have usable lifting lugs, whilst the lugs on the large side weights are not useable.

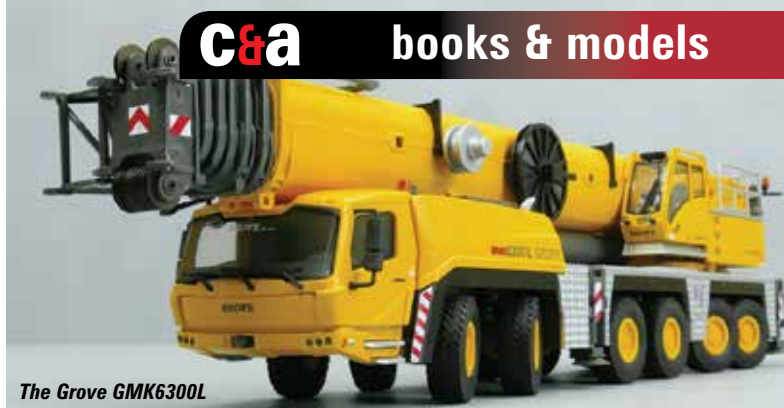
The large main boom lift cylinder has a plastic barrel with a good finish. It has a locking mechanism which is tightened using a supplied spanner/wrench. The seven section boom has detail on the base section, including plastic cable drums and there are metal sheaves in the boom nose.

The bi-fold swingaway extension is a very nice metal casting with metal sheaves. The hook block has three sheaves and is nice enough, but a single line hook/headache ball would have been a nice inclusion for use with the extension.

As you would expect Conrad has produced a strong model which is both heavy and robust, and there is relatively little use of plastic. At maximum boom extension the model is an impressive 2.1 metre height with the extended swingaway installed. It can be obtained from the Manitowoc web shop for €350.

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

Cranes Ect Model Rating	
Packaging (max 10)	8
Detail (max 30)	25
Features (max 20)	17
Quality (max 25)	21
Price (max 15)	9
Overall (max 100)	80%



The Grove GMK6300L



On the road with a ballast trailer



Very nice detail on the carrier



Self-ballasting



Lifting Potain mast sections on the main boom

Orange peel grab

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GENIE - GS3384RT

Scissor lifts

BI Energy, 4x4 Drive,
12.0m Working Height,
2007 | PHM-Id 08177

€14,900



JLG - 600AJ

Articulating boom lift

Diesel, 4x4 Drive,
20.0m Working Height,
2004 | PHM-Id 08130

€20,900



JLG - 860SJ

Boom lift

Diesel, 4x4 Drive,
28.0m Working Height,
2003 | PHM-Id 08083

€29,800



JLG - 1200SJ

Boom lift

Diesel, 4x4x4 Drive,
38.0m Working Height,
2009 | PHM-Id 07726

€69,000



HAULOTTE - HA18PXNT

Articulating boom lift

Diesel, 4x4 Drive,
18.0m Working Height,
2003 | PHM-Id 08222

€14,250



HAULOTTE - HTL4017

Telehandler

Diesel, 4x4x4 Drive,
16.7m Lifting Height,
2009 | PHM-Id 07676

€25,900



HAULOTTE - HTL4017

Telehandler

Diesel, 4x4x4 Drive,
16.7m Lifting Height,
2012 | PHM-Id 07683

€36,900



HAULOTTE - HTL4017

Telehandler

Diesel, 4x4x4 Drive,
16.7m Lifting Height,
2014 | PHM-Id 07617

€46,500



FAUN - ATF 45-3

Telescopic Crane

45t, 6X6X6 Drive, Telma,
52.0m Boom, 19.0m Dbl Jib,
2005 | PHM-Id 08084

€159,000



LIEBHERR - LTM1055-3.2

Telescopic Crane

55t, 6X6X6 Drive, Telma,
40.0m Boom, 16m Dbl Jib,
2008 | PHM-Id 07859

€279,000



LIEBHERR - LTM1100-4.1

Telescopic Crane

100t, 8X8X8 Drive, Telma,
52.0m Boom, 19.0m Dbl Jib
2008 | PHM-Id 08346

€429,000



TEREX - EXPLORER 5500

Telescopic Crane

130t, 10X6X10, IC-1 PLUS,
59.8m Boom, 21.0m Dbl Jib,
2015 | PHM-Id 07835

€POA



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Platform safety handbook

C&a

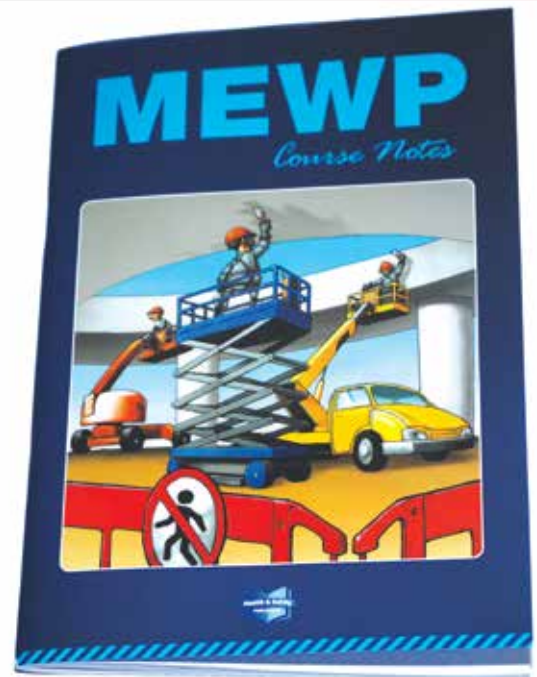
books & models

Health & Safety Publishers has released a 78 page illustrated guide to aerial work platform safety entitled MEWP Course notes for use in association with specific training courses, such as the IPAF operator training for the PAL Card. It follows a similar format to its other guides such as Fork Truck Safety code etc...



The book which was launched earlier this year is clearly laid out with decent sized neat text and hundreds of clear colour photographs and cartoon drawings which illustrate specific points. The book is divided into 26 units each of which addresses a specific aspect, from pre-use checks to maintenance and transportation.

At the end of the book, there is a tear out test to measure comprehension of the material. Essentially it is a check that the person has thoroughly read



the guide and absorbed what they have read.

Anyone looking to use a platform will find this a very useful publication to read cover to cover. It should be stressed though that it is intended to be used as an additional part of an operator training course.

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

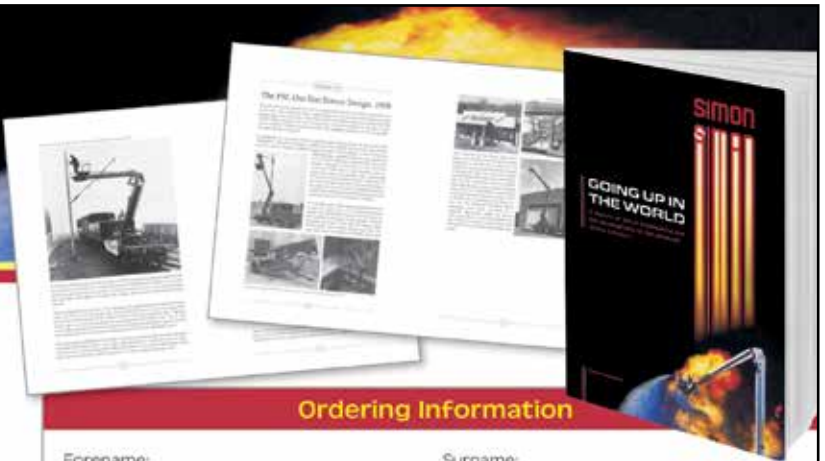
Ashworth was a keen engineer and from an early age found himself in at the very start of the modern powered access industry.

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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