

# IN THE NEXT ISSUE OF

# C&A

Place your products in front of 20,000 crane, telehandler and access platform buyers & users who will be reading the June issue of **Cranes & Access...**



## THIS ISSUE WILL INCLUDE FEATURES ON:

### LOW LEVEL ACCESS

Marketed as a replacement for ladders, small scaffold towers or podium steps, low level platforms offer a wide choice of both self-propelled and push around light weight, zero emission platforms for internal, and occasionally external use. In this feature we will cover self-propelled and push around scissors, sigma and mast type lifts including recent new product launches. If you have you any news or information to add, please get in touch.



### TELEHANDLERS

Telehandler manufacturers are reporting growing sales and a widening market as new countries and regions start to adopt them, while markets that have preferred disparate products - North America and Europe - appear to be coming together. Meanwhile sales of 360 degree models are gaining momentum as companies adopt them in place of small All Terrain or Rough Terrains. As a result, we have seen a tsunami of new product launches and more interestingly, perhaps more new entrants over the past 18 months than in the previous 20 years. New models have included compacts, sub-compacts, all electric, and bigger 360 models to name a few. We'll review the latest new products, new entrants and other market developments.

### ALL TERRAIN CRANES

We take a look at changes that have taken place over the past year in the All Terrain market with longer booms, all-electric models and products from new market entrants. All this plus some interesting applications from around the world.

### HIRING FOR THE INDUSTRY

With companies in the crane and access market sectors struggling with an aging workforce, loss of skills and challenges recruiting and retaining staff, we take a look at the issues and some of the solutions available.



Send any information, news, photographs or ideas on these subjects to [editor@vertikal.net](mailto:editor@vertikal.net)

Every issue of **C&A** is also packed with our **regular columns** and **news** plus **reader's letters**, **books**, **models**, **training**, along with the latest news from **CPA**, **ALLMI**, and **IPAF**.

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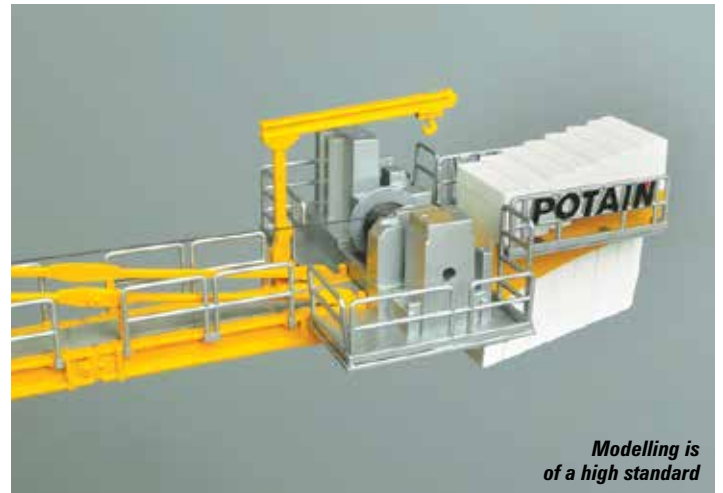
Many parts to the model



Very good topless profile



Detailed cab



Modelling is of a high standard

# POTAIN MDT 809

The Potain MDT 809 was launched at the Bauma Exhibition in 2019 and has a maximum jib length of 80 metres and can lift up to 40 tonnes. This model is made by Conrad in 1:87 scale. Very good assembly instructions are provided and it is straightforward to build.

The cruciform base has separate ballast blocks which are metal and painted to represent concrete. Tower sections are made up as triples of the five metre sections of the real crane, and ladders and platforms are modelled. The mast sections join using a clipping system which provides rigid and effective joints.

The slew ring assembly is modelled particularly well and includes a proper opening in the middle. The cab is detailed and is mounted on a metal deck. The counter jib looks very good, with the Potain name at the rear. The counterweight block is a single metal casting although it is made to look like separate concrete slabs. Also impressive is the machinery deck and a maintenance lifting beam is a nice touch.

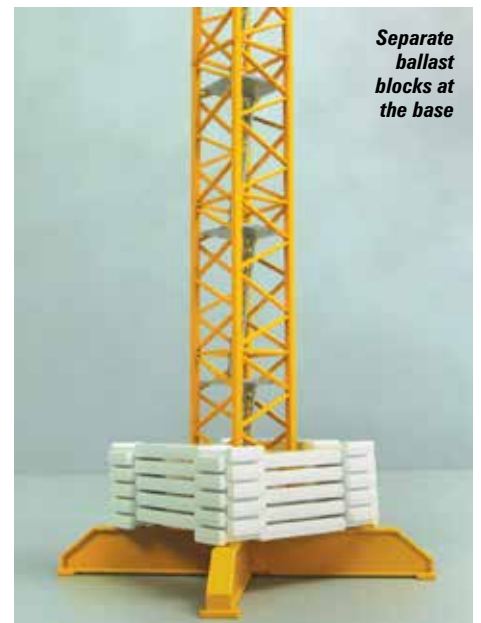
The jib is made up of four metal sections which interlock to make the full jib, which scales as the 80 metre maximum jib. It has a very good profile and includes a mesh walkway along its length. Details includes a trolley motor and winch platform.

The trolley frame is plastic and the hook block metal and looks good because it also has stands for when the block is on the ground. Small metal sheaves are used throughout the model.

The crane rotates very smoothly, and the trolley can be positioned anywhere along the jib. The hoist can be operated carefully using a supplied key. The hook can be reeved in two or four fall modes.

Unfortunately, the model cannot effectively be shown in short jib configurations and most parts are too large to be used as realistic transport loads on 1:87 scale trucks.

This is an impressive model due to its large size with the real crane having an 80 metre jib. Conrad has combined excellent model engineering with a very nice level of detail. It would have been even better if Potain had required that the model was made in the same sections as the real crane to give more flexibility. It costs €160 excluding VAT in the Manitowoc merchandise shop.



Separate ballast blocks at the base

## CRANES ETC MODEL RATING

Packaging (max 10)	8
Detail (max 30)	26
Features (max 20)	14
Quality (max 25)	21
Price (max 15)	10
Overall (max 100)	79%

To see the full review, including a full unpacking and set up video, visit [www.cranesetc.co.uk](http://www.cranesetc.co.uk)

# 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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