

cranes & accessories

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October 2019 Vol.21 issue 7

**All Terrain
cranes**
**Truck
mounted lifts**
**Outrigger
mats**

**Software for
technology**

..... First Terex hydraulic luffer...16.5m Versalift van mount...New Sinoboom 153ft boom.....



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ATF-120-5.1	120 t	11.4m – 60m	3.5m – 31.7m	91.8m	72m	390 kW (530 HP), 129 kW (175 HP)	10x6x10 (optional 10x8x10)

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On the cover:

Three Liebherr All Terrain cranes - two LTM 1250s and an LTM 1100 from crane and heavy transport company Ulferts - installing the final equipment on the new 236 metre Spirit of Discovery in Emden, Germany before the hand over to Saga Cruises.



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SUBSCRIPTIONS: Cranes & Access is published nine times a year and is available on payment of an annual subscription of £40.00. If you wish to subscribe, please send a crossed cheque made payable to The Vertical Press Ltd to: Subscriptions, The Vertical Press, PO Box 6998, Brackley, Northants NN13 5WY. Address changes should also be sent to this address. Please include the address label from a recent issue with all correspondence and allow 3 months for changes to be effective.

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Kran & Bühne: The Vertical Press also publishes a German magazine which deals with the same issues as Cranes & Access, but is written for German users and buyers. Details available on request.

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All Terrain cranes 17

The All Terrain market continues to evolve with manufacturers introducing a raft of new models with new features and developments, including increased levels of new technology. We take a look at the major changes that have occurred over the past 12 months and the developing trends.



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Manitowoc has started to merge elements of its Grove mobile and Potain tower crane businesses in Europe. While the two crane lines

will remain independent they now share a leader in Orlando Mota - senior vice president Europe & Africa. C&A editor Mark Darwin spoke with him about his plans.

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The truck mounted platform market has seen more than its fair share of development over the past few years in terms of new technology and the adoption of new materials. We take a look at market trends and developments.



In the next C&A

The next issue of Cranes & Access scheduled for late November will feature Aerial lifts for arborists, Alternative lifting & heavy transport, Spider and atrium lifts and Technology/remote controls etc. If you have any contributions or suggestions to make or are interested in advertising in this issue, please contact our editorial or sales teams.

Outrigger mats 41

The use of outrigger and crawler crane mats and spreader plates has increased exponentially particularly in Europe so why are we still seeing so many ground related overturns that could so easily have been avoided? C&A investigates.



Technology and rental software 47

The pace of 'technology' change is moving at an eye watering rate, accelerated by the increased ability of mobile devices and high speed connectivity. Manufacturers have been building the latest technology into their new models, however it is in order to get the most out of it companies need to ensure that it integrates with good rental management software.



Genie unveils new lifts 53

Last month Genie unveiled several new scissor lifts along with new 'High Float' and TraX booms and user accessories at its facility in Redmond, Washington as well as providing some insight into its future plans. C&A's Mark Darwin was there.



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Are we really serious about reducing accidents?

Those that follow our online news portal Vertikal.net may have seen a story recently concerning a large crawler crane overturn on a wind farm in South Dakota while travelling between turbine foundations. Photographs received from the scene indicate that the incident involved a 1,000 tonne crane tracking 'cross country' when it encountered some softer ground that allowed it to sink into the mud and overturn.

I have refrained from using the word 'accident' as incidents such as this are invariably caused by human error - either through lack of planning, lack of supervision or operator error - and are therefore not accidental.

Avoidable as this incident was - through the provision of proper site roads and hardstanding etc - I am more concerned about some of the 20 or so reader comments. In particular those posted by highly experienced crane people, including operators, aimed at a comment posted by a regular 'advocate of crane safety' who pointed out that employee safety is paramount, and asked why the crane had overturned and suggested some possible solutions to stop it happening again.

I was surprised by how harshly they berated him, given that he was simply trying to highlight the issue of overturns which occur all too often and are sometimes fatal. He has also spoken out against those crane companies or contractors whose main focus after such an incident appears to be to suppress information while focusing on wheedling out the 'whistle blower' and covering up such incidents rather than looking at what can be learnt by sharing that information with others in order to help eliminate such mistakes. Several comments highlighted details of the crane overturn further indicating how avoidable it was.

So why 'shoot the messenger' simply because he is an industry 'outsider' or for the manner in which he raises the issues as he tries to make people take notice and do something about it? Indeed many campaigns that have gone on to make a substantial contribution to change have started with a single voice questioning the establishment.

Does it matter if the person questioning the incident has never operated the equipment himself, or is not a seasoned expert on all of the machine's functions? Of course not, what matters is that those who own or operate the equipment make sure that it is done in a safe and controlled manner, without putting employees or members of the public at risk of death or injury.

So if it takes a non-operator to repeatedly produce long, repetitive letters and make comments which irritate old hands by highlighting a real problem - which we all say we want to eradicate - I for one am all for it.

Mark Darwin

Comment and feedback is most welcome via post, email, fax or phone stating if we may publish them or not: editor@vertikal.net

Vertikal Press

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ISSN: 1467-0852

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