

cranes & access

June 2020 Vol.22 issue 4

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**Slab electric
scissor lifts**

**Loader
cranes**

**Heavy lift
applications**

Telematics

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On the cover:

A 33ft Snorkel S3370 scissor lift used by street artist Gent 48 to create a Covid-19 themed mural in Birmingham, UK to raise funds for art4charity.



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Bobcat Stage V telehandlers, New Platform Basket road/rail crawler boom, Sany ships 4,000 tonne crawler, All electric Zoomlion truck crane, New 16t Wolff luffing jib tower crane, New 46ft Almac Jibbi 1670 Evo tracked self-propelled/self-levelling boom lift, 4,000 MAN trucks with Hiab hook loaders, Bronto Skylift Shield divider, Narrow jacking CTE truck mounts, Haulotte telehandlers for Algerian Ministry of Defence, New president for Genie, CICA accident statistics report, Liebherr approved for ECOL courses.

Heavy lift 17

We report on several interesting heavy lift applications from around the world, including jobs on land, lifting with ease, lifting with crawler cranes and with mega lifters. Also we report on the first outing for Liebherr's new LR 11000 with V-Frame variable suspended counterweight.



Slab electric scissor lifts 25



Choosing a 19ft electric scissor lift used to be a relatively simple job, given that the specifications were all pretty similar leaving the decision to availability, preferred brand, finance, price or relationships. That has all changed as manufacturers switch to their new global brands and all those different solutions and compromises to meet the new standards, while some hedge their bets with several different models to choose from. Our feature aims to help make the decision a little simpler.

In the next C&A

The next issue of Cranes & Access - scheduled for late July - will feature an all-new version of our annual Dealer & Source guide, Pick & Carry cranes, Low level & industrial access equipment including mast booms and Used equipment. If you have any contributions or suggestions to make or are interested in advertising in this issue, please contact our editorial or sales teams.

Articulated loader cranes 37



In all the years we have covered the loader crane market, we have never profiled Dutch company Hyva. We remedy that in this issue and find it something of a dark horse with global sales putting it among the top four producers. Transport specialist Mark Carrington takes a look at the pros and cons of mounting loader cranes on articulated trucks.



Telematics update 49

10 years ago we predicted that telematics would sweep through and revolutionise the crane and access sector. We look at why the prediction has yet come to pass and speak to some rental companies that are already exploiting the technology. We also take a look at what manufacturers are doing and debate the data ownership challenges.

Successful debt collecting 57



In the second of our Top Service articles we look at the challenges of collecting debts and how to avoid or reduce losses from bad debts as well as a few selective tips.

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'If it looks right

The old adage 'If something looks right, it probably is' is often applied to a new piece of equipment, but it can also be applied to many other areas such as lifting loads and working at height. And in both these sectors almost the opposite applies - 'If it doesn't look right, don't do it'.

In the news section this month we report on the Victoria/Tasmania

branch of CICA - the Crane Industry Council of Australia - which has been working with Worksafe Victoria to collect raw data involving crane incidents in the state which has a population of 6.4 million. In 2019 there were a total of 84 reported crane incidents and 42 near misses. Almost two thirds of the incidents involved being struck, pinned or crushed by a load (25%), falling objects (24%) or crane impact during operation (19%). The latter two categories generated few injuries, however unsurprisingly 95 percent of incidents in the first category resulted in injuries. In conclusion CICA restated the importance of remaining vigilant, adding 'and remember the golden rule: If something doesn't look right, don't lift it'.

This rule also applies to working at height, which if carried out correctly should make the safe and successful completion of the job inevitable. But we all know that things can go wrong. When they do the repercussions vary enormously depending mainly on where you are in the world.

Two falls from height are highlighted in our Training page - one in the USA which was fatal and the other in the UK which inflicted life changing injuries. In the US, a total fine of \$126,000 was imposed on the two companies involved, while in the UK a single company received a £1.1 million fine. What is more surprising is that the US incident involved a man falling five storeys, while the fall in the UK involved a slip from a ladder three metres high. Yet the UK fine was 11 times that in America, even though one of the US companies was fined for two similar violations in the previous year!

There are, of course, countries where there would not even have been an investigation, let alone fines following such incidents. In my eyes something 'doesn't look right' in the comparative levels of these two fines. It reminds me of another old saying: 'better they die than have permanent injures!' Surely the penalties should fit the crime, no matter the outcome or jurisdiction? It seems odd that such a huge variation should exist, especially between two of the five richest countries in the world.

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