

cranes & access

www.vertical.net

October 2016 Vol.18 issue 7

Heavy lifting
RT boom lifts

Outrigger mats

.....Genie SX-135XC launch....24,000 tonne ultra-lift crane....Fassi buys into Jekko.....



Stock code:603338.sh

Italian Design.

COME SEE US AT BAUMA CHINA 2016

Stop by booth H11 and be the first to see a special Dingli premiere

- Revolutionary Design
- Lower Weight
- Outstanding Performance



The New Dingli Boom Family

Telescopic & Articulating Boom Lifts
Working Height:16m/20m/24m/28m



Loading

ZHEJIANG DINGLI MACHINERY CO.,LTD.

▲ TEL: +86-572-8681688 ▲ FAX:+86-572-8681690 ▲ EXPORT@CNDINGLI.COM ▲ WWW.CNDINGLI.COM

On the cover:

Turnkey solution provider Mammoet Wind successfully transported the world's longest wind turbine blade from LM Wind Power's pilot plant in Lunderskov to the Blaest Test Center in Aalborg. The blade measured 88.4 metres long and 4.47 metres high when loaded on the truck.



C&A contents

Outrigger mats 41

With the number of overturning incidents refusing to decline we take a look at how one UK truck mounted platform rental company dealt with the problem. Also Paul Koolmees of mat supplier Welex sheds an expert eye on the advantages and disadvantages of the various hard and tropical woods used for heavy timber mats.



The APF 2016 show review 47

This year's UK bi-annual International Forestry Exhibition - APF 2016 - took place last month at Ragley Estate in Alcester, Warwickshire with more than 300 exhibitors and around 18,000 visitors. We bring you the highlights including the new 42 metre Teupen Puma, a Versalift boom on a Mercedes 6x6 Oberainger chassis and the new 4x4 Multitel MJ 226.



Crane Interest Group Open Meeting 52

We review last month's CPA Crane Interest Group Open Meeting which although attendance numbers were down, still represented most of the UK crane sector.

regulars

- Training 55
- IPAF Focus 57
- ALLMI Focus 59
- PASMA Focus 61
- CPA 63
- Books and Models 65
- Letters 67
- What's on 71
- Online directory 78

In the next C&A

The next issue of Cranes & Access scheduled for mid-November will feature: Rough terrain and telescopic crawler cranes, Trailer/SD aerial lifts and Telehandlers as well as a review of Les JDL Med in Marseille, France. If you have any contributions or suggestions or are interested in advertising in this issue, please contact our editorial or sales teams.

Comment 5 News 6

Genie launches SX-135XC telescopic boom lift, Voluntary road inspection scheme for UK cranes, New Link-Belt 298 Series 2, New 24,000 tonne ultra-lift crane, Fassi invests in Jekko, Palazzani



to provide Palfinger spiders, Genie acquires PSR, Fish moves from Nationwide to Ardent, Palfinger launches 25m Light, Alimak sells US rental operations, Retractable windsail for tower cranes, new Potain Hup self-erecting crane, New Klubb pick-up, Maxim gets Essex Crane assets, New 10/12 tonne Comansas, Potain luffers from China, Ardent orders big with JCB, Teupen books largest UK order and financials round-up.

Heavy lifting 17

Nearly all the recent activity in the ultra heavy lift sector has been with the specialist heavy lift companies such as ALE, Mammoet and Sarens. All three already have their own mega-lift machines, and all three are in the process of launching new versions or building more of their largest cranes for contracts around the world.



We round-up the latest news from the sector as well as interviewing Grant Mitchell of Sarens UK and highlight some interesting applications from around the world.

Rough Terrain boom lifts 29



We delve into the history of Genie which formally celebrated its 50th anniversary in September at the same time launching its new SX-135XC telescopic boom lift. Also, this year has seen the introduction of two new self-propelled boom lifts equipped with levelling outriggers. We review both the ATN and Dinolift and compare them with the lighter semi-self propelled platforms.

17

Heavy lifting



29

Rough Terrain booms



47

The APF Show



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 5VY. 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.

SUBSCRIBE ONLINE AT:

www.vertical.net/en/journal_subscription.php

BULK DISCOUNTS: These are available to companies wishing to take out multiple subscriptions. Please contact the subscriptions manager for more details.

Tel: +44 (0)8448 155900 Fax: +44 (0)1295 768223
E-mail: info@vertical.net

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.

While every effort is made to ensure the accuracy of information published in Cranes & Access, the Editor and Publisher can accept no responsibility for inaccuracies or omissions. Views expressed in articles are those of the authors and do not necessarily reflect those of the Editor or Publisher. Material published in Cranes & Access is protected under international copyright law and may not be reproduced without prior permission from the publishers.

Vertical Days is moving to Silverstone with more room to grow.

RESERVE THE DATES NOW
May 24th-25th 2017

To register go to WWW.VERTIKALDAYS.NET or contact the team at INFO@VERTIKALDAYS.NET

**Vertical
days**
www.verticaldays.net

If you use one of these,



you need one of these.



IPAF Approved Training Centres train more than 100,000 operators every year in the safe and effective use of powered access platforms.

The IPAF PAL Card is recognised worldwide across industries as proof that your operators have been trained to the highest safety standards and meet all legal requirements.

Find an IPAF approved training centre at www.ipaf.org

The IPAF operator training programme is certified by TÜV as conforming to ISO 18878.



Editorial team

Mark Darwin - Editor
editor@vertikal.net

Associate editors

Rüdiger Kopf (Freiburg)
Alexander Ochs (Freiburg)
Leigh Sparrow

Reporter

Sam Pickering

Sales & customer support

Pam Penny
Clare Engelke
Karlheinz Kopp

Production/Administration

Nicole Engesser

Subscriptions

Lee Sparrow

Publisher

Leigh Sparrow

Advertising sales

UK-based

Pam Penny pp@vertikal.net
Tel: +44 (0)7917 155657
Clare Engelke ce@vertikal.net
Tel: +44 (0)7989 970862

Germany-based

Karlheinz Kopp khk@vertikal.net
Tel: +49 (0)761 89786615

Italy

Fabio Potestà,
Mediapoint,
Corte Lambruschini,
Corso Buenos Aires 8, V Piano-Interno 7,
I-16129 Genova, Italy
Tel: 010 570 4948 Fax: 010 553 0088
email: mediapointsrl.it

The Vertikal Press

PO box 6998 Brackley NN13 5WY, UK
Tel: +44(0)8448 155900
Fax: +44(0)1295 768223
email: info@vertikal.net
web: www.vertikal.net

Vertikal Verlag

Sundgaullee 15, D-79114,
Freiburg, Germany
Tel: 0761 8978660 Fax: 0761 8866814
email: info@vertikal.net
web: www.vertikal.net



Preaching to the converted

The vote by UK crane companies belonging to the CPA to introduce a voluntary programme to inspect and test mobile cranes for road-worthiness (MOTs) must be seen as considerable progress in the on-going saga that has been 'in consultation' since 2009.

The decision was driven by the realisation that the issue was 'not going to go away', with member companies well-aware that it was

the right thing to do, both to improve the safety of the crane fleet and restore public confidence following some high level prosecutions of companies involved in fatal road accidents relating to maintenance or repair issues with the crane. But will it work?

In any industry you will find a hierarchy of professional and competent companies at the top and 'cowboys' at the bottom, and those in-between. Those at the top ensure that everything is done to the best standards possible, often viewing legislation as a minimum requirement. They are also more likely to be active in trade organisations, helping improve the industry as a whole. These companies already inspect and maintain their fleets, so the new initiative will merely formalise current procedures.

The main problem for the crane - or access - industry are the companies which for whatever reasons, are not as professional and competent, and which run a fleet that reflects this attitude. The worst of them tend not to be members of a trade body and certainly don't get involved in association work that does not directly benefit themselves.

The new scheme will initially apply to CPA members, but should it be accepted as a government backed scheme, should 'oblige' all mobile crane owners to adopt it. But human nature is to follow the path of least resistance and cost - so the worst offenders are likely to ignore it, especially if it is not policed.

Work at height related associations have also experienced this lack of cooperation. IPAF's voluntary accident reporting programme for members was only followed by the most diligent, so IPAF UK has now made the reporting of incidents involving lost working days mandatory. Similarly FASET has had zero accident reports submitted since its scheme was initiated.

Perhaps naming, shaming and expelling members which do not comply will make a difference.

Membership of an association that demands minimum standards and refuses or expels those which fail to meet them is far more valuable - especially if membership is promoted to contractors as a sign of safety and professionalism. At the moment the proportion of cranes operated by non-CPA members is surprisingly high. If nothing changes then legally mandated tests with heavy fines will be the only solution. Perhaps that is what should have been introduced from the start?

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

MEMBERS OF:



ISSN: 1467-0852

© Copyright The Vertikal Press Limited 2016



Vertikal.net