



Simply Reliable

By keeping design simple and using proven technology, Skyjack products offer the rental industry's best life cycle value through low cost of ownership, ease of service and maintenance while retaining high residual values.

Skyjack products feature:

- Standard color coded and hard wired relay based control systems which are easy to trouble shoot and repair using commonly available components
- Common components across model groups making replacing or repairing components easy and cost effective
- Replaceable modular platform railings and repairable fiberglass cowlings.
- No complicated and expensive computers or can-bus systems
- Robust steel construction

SKYJACK
simply reliable

For information call 1-800-265-2738 or visit us online at www.skyjack.com

Vertical Mast Lifts • **Electric Scissor Lifts** • Rough Terrain Scissors • **Articulating Booms** • Telescopic Booms • **Telehandlers**

On the cover:

Staff at German crane and transport company Wasel during the erection a large Liebherr crawler crane.



C&A contents

17

Heavy lift



25

Mastclimbers and hoists



35

Managing ground conditions



SUBSCRIPTIONS: Cranes & Access is published eight 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 Vertikal Press Ltd to: Subscriptions, The Vertikal 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.

SUBSCRIBE ONLINE AT:

www.vertikal.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@vertikal.net

Kran & Bühne: The Vertikal 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.

Comment 5

News 6

Whyte 500 tonner recovered, France Elévateur Buy-In, Magni unveils 35m telehandler, New Potain Topless, Crane company faces corporate manslaughter charges, Tat Hong may float China crane business, Kulawik leaves Palfinger, Manitou launches largest telehandler, Big Effer for Collett, IPAF half year accident report, JCB unveils new



telehandlers, Hiab sells Middle East distribution business, Sennebogen to launch 300t crawler, Xtreme uprates big telehandler.

Heavy lift 17



This month we profile Collett a leading heavy transport company currently investing heavily in new equipment, and take a look at some recent heavy lift projects from various parts of the world.

Mastclimbers and hoists 25

Over the past four years Apollo Cradles has expanded its mastclimber fleet from zero to 200 units. Mark Darwin talks to managing director Kevan Herbert and operations director Darren



Brady about the company. We also take a look at some interesting projects involving mastclimbers and hoists.

Managing ground conditions 35

This is the 10th year that Cranes & Access has highlighted the importance of paying attention to the proper set up of outriggers with mats, spreader plates and other forms of ground protection. We review the latest effort to improve



the knowledge in this area - the newly published Ground Conditions Good Practice Guide.

APF Show review 43

A round-up of the UK's premier forestry, woodland, arboricultural, tree and timber exhibition.

Platformers' Days review 47

Platformers' Days returned to Hohenroda, Germany for the first time since 2012 with more visitors and equipment than ever before.



Safety

Equipment 50

In this month's feature on safety equipment we take a look at IPAF's accident reporting data and the products and guidance available to help prevent such incidents.

regulars

Training 55

IPAF Focus 57

ALLMI Focus 59

PASMA Focus 61

Innovations 62

CPA 63

Books and Models 65

SAETA 67

Letters 69

What's on 71

Online directory 78

In the next C&A

The next issue of Cranes & Access, scheduled for mid-November we will have features on Loader cranes, Lift planning and Diesel boom lifts. If you have any contributions or suggestions, please do not hesitate to contact our editorial team.

"To be yourself in a world that is constantly trying to make you something else is the greatest accomplishment".

Ralph Waldo Emerson

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
Edward Darwin - Assistant editor
editor@vertikal.net

Associate editors

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

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

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



Grounds for concern?

We have several features this month concerning accidents relating to ground conditions. The first looks at the causes of fatalities in the powered access market focussing on IPAF's growing accident database. Sadly there have been 106 reported deaths since it began at the start of 2012. What is not surprising

is that overturning tops the list claiming 31 fatalities with almost 70 percent of them in booms - either self-propelled or vehicle mounted.

A good number of these incidents occurred as a result of poor ground conditions and the failure to appreciate the pressure that equipment can exert on the ground, particularly when an extended platform is slewed over one wheel or outrigger. It should also be noted that overturns kill almost twice as many as entrapments (16 fatalities) only one of which was in the UK - yet so far overturns has failed to generate the same level of action among UK contractors.

This is also the 10th year that Cranes & Access has featured/highlighted the importance of using outrigger mats and other forms of ground protection to reduce the likelihood of equipment sinking or overturning, especially when working on soft ground or over hidden voids and on other challenging ground conditions. We have also regularly reported on such incidents online - some say over reported, dubbing the website Vertikill.net - which has helped raise the profile of the problem to a much wider audience. We don't apologise for banging on about this, as taking even the most basic steps to spread loads could slash crane and platform accidents overnight. The same could be said about wearing harnesses which again we have highlighted through accident reports, even before the introduction of campaigns such as 'Clunk Click'.

In recent years various groups and associations have issued guidance on ground conditions, in an effort to reduce the number of incidents. IPAF's 'Spread the load!' campaign is one, while the latest - entitled 'Ground Conditions Good Practice Guide' developed by the UK Strategic Forum for Construction - is due to be published later this month. This 'good practice guide' is a hefty 73 pages - but don't worry there is a four page potted version - and aimed at main contractors and clients, many of which are still unaware that ground conditions are ultimately their responsibility.

Changing the way people do things is a long, hard process - but the effort is worthwhile if it ultimately helps ensure more people return home to their loved ones from work each evening. The more people are aware of good practice and are prepared to speak up, the better all of our lives will be as fewer companies and families face the misery, trauma, expense and uncertainty that workplace accidents/incidents bring.

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 2014



Vertikal.net