

WOLFFKRAN

High flyer

Ready for new challenges



Visit us:
Central 1-2 Indoor
Stand C-4033-6

WORLD PREMIERE | WOLFF 355 B | THE NEW GENERATION | GLOBALLY PATENTED

Cranesational: the new luffing jib crane from WOLFF. Full of ideas and power.
Globally patented construction form: exceptionally space-saving, easy to transport
and assemble, tower top with integrated luffing drive. Taking you right to the top!
For more information about WOLFFKRAN: Tel. +49 7131 9815-0



www.wolffkran.com Der Leitwolf. *The leader of the pack.*

On the cover:

Several Wolff tower cranes including the new 355B luffer at its launch in Munich. Note the hoist access.



27

Spider lifts



34

Tower crane trends



58

Crane refurbishment



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)8707 740436 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



New image at Lavendon, New president for Terex Cranes, Israel Celli to leave JLG, Terex cranes buys in India, New lifts from Aichi, Terex Demag to supply 65 cranes to UK army, JLG launches new telehandler and builds telehandler network, Hewden orders telehandlers, Terex starts UK lift production, Record results for Liebherr, Haulotte announces radical new boom, European expansion for Skyjack, Loadwise launches new wireless range Niftylift expands in S.Africa

Review of 2007 16

We take a look back at the lifting industry and general news and events of 2007. Although the year seemed to zip by in no time it is amazing how much happened.



Spider Lifts 25

It has been almost two years since we last took an in-depth look at compact tracked 'spider lifts'. With their popularity growing month by month and the range of products on the market ballooning we attempt to sort the wheat from the chaff. Mark Darwin visits Lucy Ashburner of Higher Access, a relative newcomer to access rental who is specialising in spider lift rental and has some refreshing views.

Tower Crane Trends 34



We look at some of the general trends affecting the rapidly growing tower crane market in the UK and Ireland. Including regulation, self erectors versus compact city cranes.

In the next C&A

The March issue will include a look at Spider cranes with a full listing of what's available, A review of the latest development in the scissor lift market and news from the ARA-Rental show.

C & a contents



Raising Las Vegas 39

Our main guide to the City of Las Vegas, host to this year's ARA-Rental show and Conexpo. We highlight the main new products that are scheduled for launch at this year's big show and provide a full lifting equipment exhibitor guide.



Batteries 48

We take our annual look at batteries for lifting equipment and discuss potential developments for the future.

Crane Refurbishment 58

What began as a look at crane refurbishment has become a history of Jones Cranes and Iron Fairy. Mark Darwin talks to Southdown Engineering about the past present and future.

regulars

PASMA focus 47

Innovations 51

IPAF focus 53

ALLMI focus 55

Training 57

Books & Models 60

Your letters 62

What's on 64

Recruitment ads 65

On-Line directory 68



Syrinx No.1 for Hire Software

www.higherconcept.co.uk

0118 947 6669





Wear a full body harness with a short lanyard in boom type platforms

Aerial platforms



IPAF trained operators



Safe effective work at height



IPAF trains more than 70 000 operators per year worldwide in the safe and productive use of modern platforms - its PAL Card is recognised everywhere as proof of high quality training.

International safety legislation increasingly demands proper training and your business relies on the productivity of your operators. So insist on IPAF-training for operators to get every job at height done effectively and in complete safety.

www.ipaf.org



The world authority in powered access

For details of your nearest IPAF Training Centre, how to become an IPAF Training Centre, how to join IPAF or simply to find out how IPAF can help your business,

call +44 (0)15395 62444

fax +44 (0)15395 64686

email info@ipaf.org

or visit www.ipaf.org

IPAF, Bridge End Business Park, Milnthorpe LA7 7RH, UK

Also in France, Germany, Italy, Netherlands, Spain, Switzerland and USA

IPAF training is certified by TÜV as conforming with ISO 18878



IPAF Summit 2008, 15th April: Thorough Examination of MEWPs

Call now to attend the free IPAF conference followed by reception at Whittlebury Hall, Northants
Tickets from Jean Harrison at IPAF UK address
Visit www.ipaf.org/events



cranes & access

The Vertikal Press

PO box 6998 Brackley NN13 5WY, UK
Tel: +44(0)8707 740436 Fax: +44(0)1295 768223
email: info@vertikal.net
web: www.vertikal.net

In Germany:

Vertikal Verlag

Sundgaualle 15, D-79114,
Freiburg, Germany

Tel: 0761 8978660 Fax: 0761 8866814
email: info.vertikal@t-online.de
web: www.vertikal.net

Germany, Scandinavia,
Austria and Switzerland

Karlheinz Kopp, Vertikal Verlag,

Sundgaualle 15, D-79114, Freiburg, Germany
Tel: +49 (0)761 89786615
Fax: +49 (0)761 8866814
email: khk@vertikal.net

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: mediapointsr.it

The Netherlands

Hans Aarse

39 Seringenstraat, 3295 RN,

S-Gravendeel, The Netherlands

Tel: +31-78 673 4007 Mobile: +31(0) 630421042
email: ha@vertikal.net

Russia

Cranes&Access Russia

DM Publishing 127287 Pocc

Moscow

tel. +7 (495) 685 94 28

fax +7 (495) 685 94 29

e-mail: matrosova@vertikalnet.ru

UK and all other areas

Pam Penny

PO box 6998 Brackley NN13 5WY, UK

Tel: +44(0)8707 740436

email: pp@vertikal.net

Design & Artwork by:

bp design Ltd.

Tel: 01707 642141 Fax: 01707 646806

email: studio@bpdesign.info

ISSN: 1467-0852

© Copyright The Vertikal Press Limited 2008

The Vertikal Press also publishes:



For users & buyers of lifting equipment
January/February 2008 Vol. 10 issue 1

Editors:

Leigh Sparrow

Mark Darwin

Associate Editors:

Rüdiger Kopf (Freiburg)

Alexander Ochs (Freiburg)

Andrew Klinachev (Moscow)

Sales & customer support:

Pam Penny

Karlheinz Kopp

Production:

Nicole Engesser

Publisher:

Leigh Sparrow

**Vertikal
Press**

The Vertikal Press Ltd.
MEMBERS OF



Letters, emails, faxes and
phone calls are welcome and
should be sent to:

The Editor,
cranes & access,
PO Box 6998, Brackley
NN13 5WY, UK
Tel: +44(0)8707 740436
Fax: +44(0)1295 768223
email: editor@vertikal.net

c&a comment



Time to walk the talk

In this issue - the first of 2008 - we take our now traditional review of the highlights of 2007. And what a year it was. For many, 2007 will be remembered as the year of the tower

crane - and all for the wrong reasons. January set the mood with the Falcon Crane Hire collapse in Liverpool continuing the sombre mood from the end of the previous year. The Select Plant, Croydon 'no bolts' fiasco followed in June.

The tower crane is seen by many economists as a highly visible indicator of the economy. And from the number of tower cranes dominating city skylines last, and this year the economy looks in good shape.

But the grey clouds (hopefully not high winds?) are gathering - not just in the UK but also North America. The main problem is the increased or perceived increase in the frequency of tower crane accidents. Unfortunately, when a tower crane has a significant accident, it tends to be spectacularly visible, very messy and can make global news.

The problem is that legislators, spurred on by unions and campaigners feel that they need to be seen to be doing something about it due to the high profile of these accidents. The tower crane industry has not helped itself in this regard, and has been guilty in the past of cutting corners, often pushed along by contractors who talk from both sides of their mouths - pushing the safety mantra demanding all sorts of backside-covering documentation and yet on site pushing crane operators to carry on lifting when the wind is too high or the load slightly too heavy, not to mention opting for low bids when selecting crane suppliers.

The tower crane industry on both sides of the Atlantic is making great strides to 'get its house in order' and there is a tremendous desire from most companies to be the very best that they can. But you only need look at this month's letter section to see that there are still some cowboys out there that continue to threaten what is generally a diligent and increasingly safety conscious industry.

Of course everyone wants to eradicate accidents and deaths in the industry. There is already more than enough information and training courses. But maybe now is the time for the industry to stop 'talking the talk and perhaps trying to walk the walk'. If not we may be forced into an imposed solution which, everyone knows, is never the best solution.

Mark Darwin

Please mail, email or fax any comments you may have, to the editor, stating if we may publish them or not.

**Vertikal
.net**