

cranes & access



April 2007 Vol. 9 issue 3

Lattice
boom cranes

Your guide
to lifting at
Bauma

Straight
telescopic
lifts

KOBELCO CRANES

TOP PERFORMANCE ALL THE WAY

KOBELCO provides you with the best tools for any construction, marine, foundation and demolition job!

KOBELCO... cranes, designed to your spec:

- Excellent lifting duties
- Easy to transport, fast rigging
- Self-Assembly-System
- Powerful, wide-winches with oil-cooled, multi-disc brakes
- Superior hydraulics
- Powerful, fuel efficient engine
- Compact, well thought-out design
- Great operating comfort
- Excellent reliability

bauma
2007

Welcome to
KOBELCO stand
F12/1202

KOBELCO

KOBELCO CRANES Co., Ltd.
TOKYO, JAPAN
Tel: 00-81-(0)3-5789-2130
Fax: 00-81-(0)3-5789-3372
info@kobelconet.com

KOBELCO CRANES Co., Ltd.
Dubai Office for MIDDLE EAST
Tel: 00-971-(0)-4-881-3291
Fax: 00-971-(0)-4-881-3299
okugawa_takafumi@kobelconet.com

KOBELCO CRANES
NORTH AMERICA INC
Houston, Texas, U.S.A.
Tel: 00-1-(0)-713-856-5755
Fax: 00-1-(0)-713-856-9072
jack_fendrick@kobelconet.com

KOBELCO CRANES CO., Ltd.
Singapore Office for South East Asia
Tel: 00-65-(0)-6268-8200
Fax: 00-65-(0)-6261-3719
jf_foo@kobelconet.com

KOBELCO CRANES CO., Ltd.
Shanghai Office for CHINA
Tel: 00-86-(0)-21-5382-0120 or 0611
Fax: 00-86-(0)-21-5382-2090
syo@kobelconet.com

KOBELCO CRANES EUROPE Ltd.
For U.K. and Ireland:
Tel: 00-44-(0)-1473-716-302
Fax: 00-44-(0)-1473-716-301
andrew_brown@kobelconet.com

FOR MAINLAND EUROPE:
Almere, Netherlands
Tel: 00-31-(0)-36-549-5510
Fax: 00-31-(0)-36-549-5520
jos_verhulst@kobelconet.com

www.kobelco-cranes.com

On the cover:

Mammoet's PTCIII - Amalia - removing a 654 tonne reactor head at Petrobras refinery in Brazil. This lift was followed by the installation of a new head weighing 522 tonnes. Space limitations required the PTC boom to be erected in the air.



C & a contents

16 Self propelled straight booms



36 Big lattice boom cranes



58 IPAF summit



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 Vertical Press Ltd to: Subscriptions, The Vertical Press, PO Box 6998, Brackley, Northants NN13 5WV. 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)8707 740436 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.

Comment 5 News 6

First glimpse at the Grove GTK1100, Locatelli announces 40 tonne AT City, JCB previews ultra compact telehandler, MBO at MSD crane hire, Wizard adds 160 new lifts, Access Daze, Greenpeace uses crane to protest Trident, Nationwide spends £15 million, Wilbert moves into Ireland, IPS to service Pop-Up, 500 for Facelift, Manitou profits, Manitowoc ups its forecasts, Link Belt to exhibit at SED.

Straight booms 16

We take a look at developments in the self propelled straight telescopic boom market. With both Skyjack and UpRight re-entering the market we compare 40 and 60 ft products and look at a big basket model from Germany.

Bauma preview Part II 25

In the second part of our preview of world's big equipment show, we cover more of the lift exhibits and include a large scale map of the outside areas with a full and comprehensive listing of exhibitors by product type.

Big lattice boom cranes 36



Mark Darwin looks at the biggest and some not so big lattice boom cranes and notes the difference between Europe and the USA.

Face to Face 42

Matt Fearon, the new head of Genie Europe, talks about his future plans from the company's Grantham headquarters.



Safety 45

We look at a number of recent accidents and the cost to the companies involved.

IPAF

Summit 58

Here we provide an initial review of the IPAF summit and AGM. Look out for a full photo album in the May issue.



regulars

ALLMI focus 47

Training 49

IPAF focus 51

PASMA focus 53

Books and models 55

Letters 56

Web links 60

Innovations 62

What's on 63

Recruitment 64

In the next C&A

Cranes&Access May includes: Telehandlers, A full Bauma review, trailer mounted aerial lifts, SED preview, compact tower cranes, and our IPAF summit photo album.



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 50 000 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 or email info@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

See you at SED...
in the
Cranes & Access Zone,
Avenue E, Stand 800



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: mediapointsrl.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

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 2007

The Vertikal Press also publishes:



For users & buyers of lifting equipment

April 2007 Vol. 9 issue 3

Editors:

Leigh Sparrow
Mark Darwin

Associate Editors:

Ian Boughton
Rüdiger Kopf
Alexander Ochs

Sales & customer support:

Pam Penny
Karlheinz Kopp

Production:

Nicole Egesser

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



It's show time

The next two months see a number of construction industry fairs and exhibitions taking place. Some of them are annual events while others, such as Bauma, are held less frequently. With the advent of the internet and

modern communications, not to mention the negative view to air travel by some people, is the international trade fair an obsolete throwback to the days of the medieval horse and guild fairs whose time has now passed?

In terms of truly international construction exhibitions there has been a slow movement towards a single show with just Intermat, Conexpo and Bauma left in the arena, one of which is likely to be supplanted by an Asian show such as Bauma China.

One thing is certain, Bauma will reign supreme and will continue to consolidate its position as 'the' international show. This is in spite of the fact that some 75 to 80 percent of all Bauma's visitors are from Germany and the surrounding German-speaking region. The big show dwarfs every other show in terms of size and numbers and it is the event that companies focus on for the introduction of new ideas, products and concepts.

Crane manufacturers in particular have been questioning the need and cost of a 'big' show every year, given that only a small percentage of the visitors are likely to be buyers of their products and they already know most, if not all of them. They would love to pull out of some of the shows, but few are brave enough to do it unilaterally and show organisers know that 'divide and conquer' almost always works. The thought is that the money would be better spent inviting everyone to an open day where everyone is potential buyer and you have their undivided attention.

What this overlooks of course is that at an exhibition, buyers can wander from manufacturer to manufacturer, meet senior managers of each, compare gossip and views and even do a few deals in a single day or two. Visitors will also meet a broader cross section of people and are likely to pick up new ideas from some of the ancillary exhibitors.

An exhibition is also a real event - a day out. A good show has a buzz to it - a level of unpredictability to what one might see or learn. Yes, there are perhaps too many, and the cost of some is out of kilter with the benefits, but in spite of its medieval origins the exhibition is here to stay.

By the way, if you are going to Bauma (and you should), do stop by our stand and bend our ears. We are among the crane and access exhibits on stand F702/6.

Leigh W Sparrow

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

Vertikal
.net



In the iron

When the Manitowoc Crane Group unveiled its plans for a massive telescopic, fast erecting tower crane - the Grove GTK 1100 - several industry observers were skeptical that it would become a practical proposition - particularly in time for Bauma. However, the first unit was completed in mid March, ready in plenty of time for the big show. We were able to obtain some unofficial photographs of the new machine painted in the colours of Wiesbauer the South German crane rental company based in Bietigheim-Bissingen - a solid Grove customer for many years.

Wilbert in Ireland

Wilbert tower cranes has appointed ABP Cranes as its official dealer in Ireland. The appointment, according to Wilbert, is in response to the increasing demand for tower cranes in Ireland. ABP, located in Naas, 30 kilometers from Dublin, will be responsible for sales and rental of Wilbert tower cranes as well as service, transport, erection and dismantling. After the first weeks of co-operation both companies say that they are very satisfied. Two WT 200 e.tronic cranes have already been shipped to Ireland.

Fred Price, manager of ABP Cranes said: "I hope that by the end of 2007 ABP will have sold between three and five Wilbert tower cranes to customers. It was great to get the sale of a WT 200 e.tronic so quickly, so hopefully things will go well. We are the only 100 percent Irish owned company that can offer both great cranes and great service."

MBO at MSD

UK crane hire veteran Maurice Johnson has completed a Management Buy Out of the crane rental business of MSD in Darlington. The deal was funded by venture capital company NEL and Yorkshire Bank and advised by Tait Walker Corporate Finance. Johnson joined MSD 18 months ago as managing director in order to help turn the company round and was given an incentive of a 50 percent share in the crane hire business. After securing some large contracts in the construction industry, Johnson convinced owner, Peter Stephens, to sell the entire business for an undisclosed sum.

The crane hire business will be transferred into MSD Lifting, retaining the company's two depots in Darlington and Gateshead. The company owns and operates 20 cranes ranging in size from 15 to 200 tonnes and employs 35 with revenues of around £3 million.

Johnson said: "I am confident that the business will grow successfully and expect to increase the present £3 million turnover to £5million in three years. We are already in the process of looking at purchasing additional cranes in order to meet demand which will in turn create employment which is good news for the region."

HSE to target steel erectors

Justine Lee of the Health & Safety Executive construction division has announced that the HSE will be looking closely at how steel erectors use and manage aerial work platforms on their sites. The campaign will include a number of site visits across the country between October and March 2008, most likely to projects operated by medium sized contractors. The HSE feels that the larger contractors understand what is needed and can be left to get on with it, while the smaller companies need more help.

The move is not intended to be an enforcement exercise but prevention, however prohibition notices will be issued if bad practices are uncovered. The aim is to raise awareness and learn more about how contractors are managing their powered access.

(See IPAF Summit page 58)

Compact telehandler

JCB has been previewing an ultra compact telescopic handler that it has dubbed the 'miniscopic'. The concept machine features a four metre lift height, a 2,000kg maximum lift capacity reducing to 1,500kg at full height. JCB also claims a payload capacity of 750kg at a forward reach of 2.3 metres.

The 515-40 is aimed at jobs where low height and a small footprint are required such as refurbishment work and is likely to head to head with the Manitou Buggiscope BT420 and BT425 and to a certain degree, the Twisco 415.

According to JCB the key features of the 515-40 concept are its compact dimensions, hydrostatic four wheel drive transmission with rear wheel steering and versatile performance as a forklift or a half cubic metre loader.



The new 60 tonne Gril 8600 RT crane



New Locatelli City and Gril

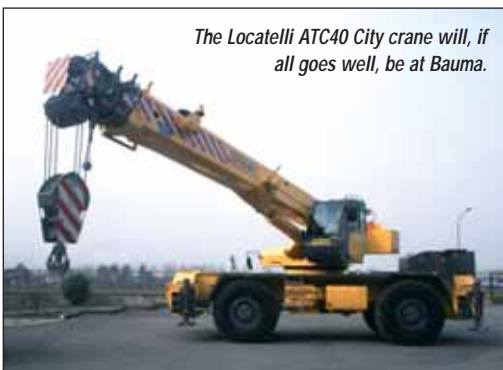
Locatelli the Italian crane manufacturer recently acquired by rental company Venpa 3, has announced a new two axle 40 tonne city crane. The new crane, the ATC40 adopts many of the design concepts from its 20 tonne ATC including a low overall height of only 3.36 metres and 70 km per hour top speed.

The new model has a seven section, 35 metre main boom plus a solid section bi-fold swingaway that extends the tip height to a maximum of 50 metres, all of which can be carried on board within standard 12 tonne axle weights.

The crane is just over eight metres long to the boom tip and 2.5 metres

wide. Outriggers have multiple extension positions with a 6.2 metre square maximum outrigger footprint.

Locatelli has also shown photographs of its new 60 tonne rough terrain crane the Gril 8600 and confirmed that it will feature a 32 metre four section main boom including a power pinned fly section, plus a 17.5 metre lattice swingaway bi-fold extension.



The Locatelli ATC40 City crane will, if all goes well, be at Bauma.

Changes at PM

Having failed in its long delayed IPO, venture capital company BS Private Equity, which owns a majority stake in Italian crane and access company PM Group, has overseen a management shake up that will see the departure of managing director Marco Milesi who led the Management Buy In of PM back in 2002. The PM Group owns Oil&Steel, Autogru-PM loader cranes, and Pilosio scaffold and formwork.

BS Private Equity joined with the IPEF III venture fund to acquire Autogru PM through a management buy-in in 2002. With its support PM went on to acquire Oil&Steel, in July 2003 and Pilosio, in December 2005. Pilosio had previously been bought by BS Private Equity IPEF III through a management buy-in in 2003.

The intention of the two funds from the beginning was to expand the business to a level where it could be floated through an Initial Public Offering. This was originally scheduled for last spring and has been postponed several times. While not confirmed it looks as though the flotation was postponed indefinitely in November.

Phone a friend?

On March 13th four Greenpeace campaigners climbed the boom of a crawler crane on a barge next to the Houses of Parliament in London, to protest against the Government's plans to update Trident missile systems. Once the campaigners reached the boom tip, they unfurled an 18 metre banner which suggested that Tony Blair loves Weapons of Mass Destruction. The crane had been carrying out work on Westminster Bridge.

The two men and two women, remained in position on the crane overnight until the Commons voted on the issue. They spent their time phoning MPs asking them to reject the £20 billion plan to renew the UK's Trident nuclear weapon system.

In spite of their efforts and the mass rebellion of Labour MPs the



Four people spent the night in a crane boom on the river by Westminster bridge protesting against the Government's Trident renewal programme.

government won the vote thanks to the opposition Conservative party which instituted a three line whip to make sure that its members supported the government position.

A Wizard idea

UK powered access rental company Wizard Workspace - which previously traded as Independent Access Supplies - has placed an order for 100, JLG 2030 electric scissor lifts and 60, Bravi Leonardo Lui-Mini vertical mast lifts. Once delivered the new additions will take the company's fleet up to 1400 units.

The order is the first stage of a planned £4 million investment programme over the next twelve months which will largely consist of small and mid-sized scissors, mid-sized booms and more mast lifts.

Wizard is marketing the 2.9 metre platform height Bravi Lui-Mini as the 'Whizz'. The unit, which is beginning to generate some serious volume, offers a 1.7 metre long extended platform thanks to dual extensions, good gradeability, compact dimensions and only weighs 470kgs. The JLG 2033ES is a full sized 'skinny-mini' scissor lift with 360kg lift capacity and a 2.4 metre extended platform length. The company has also specified integral inverters, which convert the DC battery power into independent, on-board AC power to the platform.



The latest order for 100 machines takes Wizard's fleet to 1400 units

A 37m Bronto was among recent fleet additions



Nationwide goes niche

Nationwide Access, the UK's largest powered access rental company has ordered more than 500 new lifts with a value of around £15million as part of a major replenishment programme. A further £15 million has already been earmarked for 2008. The order includes 354 scissors, 112 booms and 47 truck mounts mainly from Genie, CTE and Skyjack all of which will be delivered this year.

The order also includes a number of niche and specialist machines - including large Omm spider lifts and Ascendant 7.5 tonne truck mounts - products that the company would have avoided in the past as being 'too niche'.

"Nationwide has, in the past, neglected some advanced machine features, but, with the new generation of powered access, we're selecting the best specification machines to fully address our customer's expectations for when they work at height," said Peter Whittall, Nationwide's managing director. "2007 marks a year where Nationwide will steal a march on its competitors both in terms of the high spec fleet we will offer and the value added services we will provide."



A big red nose

In celebration of Comic Relief's Red Nose Day, Facelift Access Hire supplied one of its 46 metre Bronto S46 XDT truck mounted lifts to help paint the centre, or nose, of a 32 metre wind turbine red.

The turbine - owned by Renewable Energy Systems - is a prominent landmark next to the M25 and was possibly the highest red nose in the country.

It's a steal

Plant theft is down for the first time in 12 years, according to a new report by The National Plant and Equipment Register (TER).

Its 2007 Equipment Theft Report published recently reveals a fall of 18 percent over the last year.

"Although this is a significant drop, plant theft is still a widespread serious organised criminal activity, often directly linked to the funding of terrorist groups," says TER's Tim Purbrick. "There is still a long way to go and many serious issues still need to be addressed."

The 2007 report reveals some interesting facts: More than 3,500 higher value equipment items were stolen in 2006 with a total value in excess of £31 million - this compares with 4,324 items worth £43 million reported as stolen to

TER in 2005 when plant theft was at a record high.

The South East of England, led by Surrey, then London and Kent, continues to top the league for the most targeted area.

Other equipment theft hotspots include West Yorkshire, Greater Manchester, Lancashire and North and South Yorkshire

Trailers are the most commonly stolen item of equipment although telescopic handlers remain a high value target for thieves, despite the number of thefts dropping 32 percent to 105. Theft of telehandlers represents three percent of total numbers but eight percent of total value (£2.5 million). Sadly, the recovery rate for stolen plant and equipment is still less than five percent.

Chinese platforms in the UK

Chinese manufacturer Beijing JingCheng Heavy Industry Co (JCHI) is eyeing up the UK/Ireland market and planning to introduce its wide range of access platforms by the end of the year.

Bai Ri, vice technical director of the company said in a recent fact finding mission to the UK, that they are in discussions with several possible dealers to distribute the equipment. JCHI currently exports its products to Germany, Chile, Pakistan and Korea.

The company's product range includes telescopic booms, both articulated trailer mounts and straight self propelled booms, with platform heights from 10 to 30 metres; scissor lifts from six to 10 metres and vertical mast push around lifts from seven to 14 metres - which it claims is the highest push around lift in China.



Laho sold again

Europe's largest rental company, Loxam, has purchased Laho, the third largest rental company in France from Barclays Private Equity. This is the third time Laho has been sold in six years.

Eve on a roll

Temporary roadway and matting systems provider Eve Trackway has acquired the UK rental business for Rola-Trac, Supa-Trac and Alli-Trac event products from Rola-Trac Ltd. Rola-Trac will continue to manufacture its full range of track type products

for sale on a worldwide basis and will continue to rent its I-Trac systems for cranes, access and other heavy vehicles.



Time to Step Up to New MEC Telescopic Handlers

Why settle for old style, old specs and old performance Telehandlers, when New Generation MEC Telescopic Handlers will give you so much more? Differentiate your rental fleet with high quality, performance, and efficiencies that dazzle both owners and operators. Contact us for complete specifications and the good news on how quickly we can deliver!

Operator enjoys 360° visibility
due to extremely low boom mount.



Joystick moves with operator's seat.



Comprehensive, intuitive console.



Easy engine access.



Tilts 10° right or left.



Impressive, maximum reach.



In North America & Internationally

1775 Park Street, #77
Selma, CA 93662 USA
Tel: 800.387.4575 or 559.891.2488
Fax: 559.891.2448
Email: info@mecawp.com
www.mecawp.com

In Europe

Maxwellstraat 50, P.O. Box 3121
3301 DC Dordrecht, The Netherlands
Tel: 31-78-65-217-65
Fax: 31-78-65-217-60
Email: sales@meceurope.net
www.meceurope.net

InnoVation in access



- Walk in bucket
- Jackless models
- Jacks from bucket
- Extended outreach
- 265kg SWL options
- IPAF training centre
- 420° rotation option
- Low voltage insulation
- Telescopic main boom
- High voltage insulation

Versalift Distributors (UK) Ltd.
1 Altendiez Way, Latimer Park,
Burton Latimer, Northants, NN15 5YT.
Tel: 01536 721 010 Fax: 01536 721 111
Email: sales@versalift.co.uk



www.versalift.co.uk



Sangwin Plant
has added Genie
telehandlers to
its fleet

Sangwin goes with Genie

Hull-based Sangwin Plant Hire has added Genie telehandlers to its fleet. The company recently added powered access equipment after being in crane rental for many years. The company's first units are the 12 metre, 3.5 tonne GTH 3512 which offers up to 8.4 metres of forward reach. Andrew Fenton of Sangwin said: "The cost was one factor that appealed about the GTH 3512, but we were also impressed with the style and design. The machine looks very robust and has a powerful 60 kW Deutz turbo-diesel engine."

IPS Pop-Up

Pop-Up Products has announced a partnership agreement with Independent Parts & Service (IPS) to provide aftersales parts and service support for its Pop-Up Scissor lifts. Since its launch just over a year ago, Pop-Up has sold more than 1,600 units. The agreement with IPS is intended to ensure that there is sufficient product support

as the machine population both grows and begins to age.

Paul Gallacher, sales director at Pop-Up said: "The agreement forms part of Pop-Up Products' positive response to the Working at Height Regulations, which was introduced to prevent deaths and injuries caused by falls at work. Under the agreement, IPS will become the preferred servicing and parts supply partner."

Facelift 500

Hickstead-based Facelift Access Hire has taken delivery of its 500th aerial lift. The new 17 metre Ascendant truck mounted lift was delivered by Andy Northwood, managing director of Tyneside-based UK distributor Blue Line Access. Facelift has also spent £1 million or 20 percent of its planned capital expenditure for 2007 with Niftylift for a mix of Height Rider 15, 17 and 21 metre self propelled boom lifts.



Managing director
Gordon Leicester (L)
accepts delivery of the
500th lift in its fleet from
Andy Northwood
of Blue Line

TEUPEN
...work safely above

www.teupen.info

New markets - higher yield

...with the LEO range up to 50 m plus

World leader in building crawler-mounted access platforms. Teupen offers more possibilities and economy for every application.

The patented crawler system and the new Teupen crawler, an ideal combination for your individual application.

50 m

36 m

30 m

26 m

25 m

23 m

22 m

19 m

16 m

15 m

12 m

Simply greater Success.

Wumag Winners

Powered access equipment specialist winners-access.com has taken delivery of the first new Wumag WT370 platform in the UK. The 37 metre working height WT370 is mounted on an MAN TGM 18 tonne chassis with sleeper cab and features a four section main boom plus two section jib giving 29.5 metres of outreach. A 3.8 metre wide basket and 600kgs capacity adds to the machines versatility.

Liverpool based Winners was started by husband and wife team Gary and Susan Winn in 1993 as a maintenance company. Over the past two years it has branched out into the access sector employing 14 people and operating a selection of truck mounted lifts primarily working in the telecommunications sector.

"We decided to purchase the Wumag WT370 from SkyKing as it was a natural progression in building up the fleet," said Gary Winn. "The new Wumag currently provides the greatest height and outreach in our fleet, enabling us to take on a wider variety of work".



The first Wumag WT370 has been delivered to Winners

Manitou pushes on

A strong second half pushed Manitou's net profits for 2006 to a record €88 million - a rise of 19 percent on 2005. Revenues at the French telehandler and access manufacturer were confirmed at €1.13 billion, an increase of 14.5 percent on the previous year. After a slow start to the year the pace picked up with sales in the second half jumping by almost 20 percent and profits up 38 percent. Exports rose by over 22 percent and now account for more than 62 percent of total sales.

The fastest growing sector in percentage terms was its access division (Maniaccess) which saw revenues jump 42 percent, although this was from a low base. Telehandlers, including rough terrain fork trucks, were the driving force behind growth in 2006 with sales increasing by almost 18 percent compared to 2005.

Tracks or wheels on 643

Sennebogen has announced a new telescopic crane, the 643, available with either a mobile or crawler undercarriage. The 40 tonne 643 has a 30 metre boom and can be equipped with a 6.5/13 metre bi-fold jib.

The 643 is fitted with the new Sennebogen maXcab which tilts to an angle of 17 degrees while a new SDS diagnostics system keeps the operator up to date with all critical data. However, the manufacturer

says that it has eliminated unnecessary electronics in the machine in order to simplify maintenance and repair.



The 40 tonne capacity Sennebogen 643

With Orlaco, perfect vision for lifting every time!

ORLACO
Specialised Camera Solutions

Phone (+31) 0342 404 555 E-mail info@orlaco.nl
Fax (+31) 0342 404 556 Internet www.orlaco.nl

SKYLIFT
HIRE SALES TRAINING

YOUR IRISH ACCESS PARTNERS

- IPAF Training
- 24 Hour Support
- Full Range of Electric & Diesel Scissor Lifts
- Electric & Diesel Articulating Booms
- Diesel Telescopic Booms
- Trailer Mounted Platforms
- Telescopic Forklifts
- Special Access Machines

CONTACT US ON:

DUBLIN	+353 01 459 46 46
CORK	+353 021 488 66 46
LIMERICK	+353 061 30 46 46
GALWAY	+353 091 50 46 46

E. sales@skylift.ie

www.skylift.ie

see us at the **SED** Avenue P Stand 559

UK Generators Limited

UKG Hydraulic Generator

The UKG Hydraulic Generator is a 3.5 kVA hydraulically driven, single phase onboard ac power supply designed for installation onto most access platforms.



- ✓ No additional fuel costs
- ✓ Reduction in service and maintenance costs
- ✓ No noise emissions
- ✓ Quick & Easy installation
- ✓ Pressure Compensated Flow Control Valve and on/off solenoid valve
- ✓ Earth leakage circuit breaker protection
- ✓ Choice of either 110v/220v, 50/60 hz models.

Tel: 01536 747500
sales@ukgenerators.co.uk

PLUS SERIES

The Best Just Got Better!



Trojan's Plus Series offers the same premium performance you have come to expect from Trojan, plus the added features you asked for.



Convenient SureVent™ flip-top caps



Precise maximum water level indicator



Durable embedded terminals



For more information contact Energy Batteries on 01536 408901
 www.energy-batteries.com
 enquiries@energy-batteries.com



New dealer up and running

Newly appointed Hiab dealer in Perthshire - Blairgowrie-based Forest & Field - became one of the fastest-selling Hiab dealership ever by selling five Loglift-Jonsered timber cranes in its first month.

Three Jonsered J1080 cranes - two with cabs - one Loglift 82S and a Loglift 96S with cab were sold in less than four weeks of the appointment.

Forest & Field was previously representing Liv crane, the Slovenian manufacturer of forestry cranes and also handles a range of loader crane attachments and weighing systems.

Earnings briefs:

Ashtead

Revenues and earnings rose steeply in the third quarter for Ashtead, owner of Sunbelt/Nations Rent and A-Plant although earnings per share were hit as the business coped with increased debt following its acquisition of Nations Rent.

In the UK, A-Plant saw its third quarter profits almost double on revenues up 23 percent as utilisation rose to its highest level for several years.

Lavendon

The Lavendon Group's figures for last year show a marked improvement over 2005. Europe's largest aerial lift rental company reported group revenues up 25 percent to £124.7 million due to the UK acquisitions made this time last year as well as respectable organic growth.

EBITDA jumped by 29 percent to £38.3 million, while its operating profit leapt 74 percent to £12.7 million. Profit before tax rose by 166 percent to £7.7 million.

Linamar profits slip as Skyjack sparkles

Skyjack parent Linamar, has reported a four percent decrease in gross margins to \$229 million in spite of a 4.7 percent increase in revenues to \$1.9 billion.

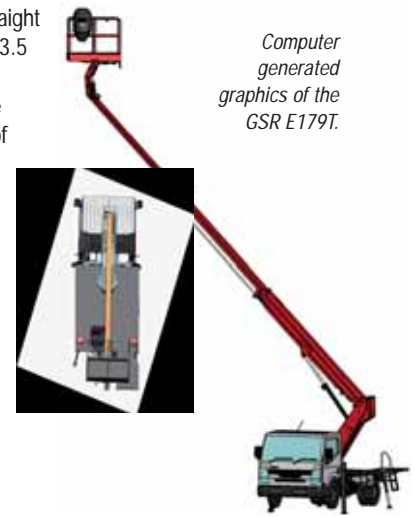
Skyjack's results contrasted sharply with those of Linamar. The Industrial division which is largely Skyjack, reported sales up 27 percent to \$314 million while Skyjack's operating income leapt by 55 percent to just under \$51 million. Linamar says that demand in the USA continues to be strong and that the company has gained market share.

On publication of its results Linamar also announced the resignation of its chief financial officer, Peggy Mulligan who joined the company in November 2005 following the resignation of Keith Wettlaufer. (All \$ = US dollars)

Straight and narrow

GSR has announced a new 17 metre straight telescopic truck mounted boom lift for 3.5 tonne trucks which it plans to unveil at Bauma. The new model designated the E179T, will be available with a range of outrigger configurations to suit the most popular chassis including the Nissan Cabstar, Renault Maxity, Mercedes Sprinter, Iveco Daily and Volkswagen Crafter.

The lift will feature up to 11.1 metres of outreach, a lift capacity of 200kg, full hydraulic controls and all hoses mounted internally.



Computer generated graphics of the GSR E179T.

Link-Belt makes an appearance

Kentucky-based mobile crane manufacturer Link-Belt will be exhibiting its Truck Terrain HTT 8690 at SED, possibly the first time that the American manufacturer has exhibited a truck crane in the UK for at least 40 years. It follows on from an appearance at Bauma in late April.

The perceived renewed interest in truck cranes in Europe, a favourable dollar/pound exchange rate and excessively long delivery times for All Terrain cranes must all be factors in its decision to be at both shows.

The main exhibit will be its four axle HTT-8690 Telescopic Terrain crane, an 81 tonne capacity, all wheel steer truck crane featuring all round, super single tyres and four mode steering along with differential locks giving manoeuvrability and some rough terrain capability.

The unit features a five section, 42.7 metre pinned boom with a bi-fold swingaway offering a 10.7 or 17.7 metres extension. When equipped with two, 4.9 metre inserts between the boom nose and the swingaway, its maximum

tip height is more than 72 metres.

Concerns among potential buyers will naturally include the long term stamina of the company - particularly if the dollar regains its strength - to remain in the European market, together with its distribution and support. However given



Link-Belt is exhibiting at a UK show for the first time in more than 40 years.

Link Belt's affiliation with Hitachi Sumitomo this need not be an issue.

Quick delivery for flat top

Chinese tower crane manufacturer, Yongmao is set to launch a new compact tower crane by its European representative, Jin Long Europe. The STT113 flat top will be the smallest of the Yongmao CE approved cranes currently on offer in Europe. Although maximum jib length is 52.5 metres, the unit can be seen at Bauma with a 30 metre jib.

The crane can lift six tonnes at a radius of 17 metres and one tonne at maximum jib length. Free standing heights are available to just under 45 metres with 130 metres when anchored and can be operated from the cab or by remote control.

Yongmao is the largest manufacturer of tower cranes in China and is in negotiations to add a third manufacturing plant to those in Fushun and Beijing. Delivery for the STT113 is said to be two months.



Smallest Yongmao in Europe - the STT113

Cranes, boats and motorbikes

A crane driver escaped after his Rough Terrain crane tipped over while lifting a yacht out of the water at Ken Brown's Boats in Camber Dock, Portsmouth. The six metre/20ft yacht had been lifted clear of the water, when it tipped forward pulling the crane over dumping the boat back in the sea.

Witnesses reported strong gusts of wind in the area at the time which started the boat swinging, pulling the crane over onto its side and bending the boom's fly section. The impact of the boat hitting the water caused its mast to collapse.

An ambulance crew and a paramedic on a 'rapid response' motorbike treated the injured operator for non life-threatening leg and facial injuries before taking him to Queen Alexandra Hospital for further assessment. Officers from the Environment Agency were also called because of reports of leaking fuel.

Tower crane kills four

Four labourers - three from the Philippines and one from India - were killed when a tower crane collapsed while being erected in the West Bay area on Pearl-Qatar Island near Doha, Qatar. Three other workers were injured and taken to hospital. The cause of the accident is currently being investigated.

RUTHMANNSTEIGER® NO. 10.000



RUTHMANN
HIGHquality

click www.ruthmann.de for more information

ebay

BIG BLUE IS BACK!



 **bauma
2007**

NEW Owners
NEW Products
NEW Factory
NEW Vision

2007 is the year of UpRight:
Big Blue is Back!

For all machine, spare parts and service requirements within the U.K. please contact UpRight's U.K. Master Distributor:



Unit A, Hortonwood 2, Telford, Shropshire, TF1 7GW, U.K.
Tel: +44 (0)1952 671 400 Fax: +44 (0)1952 671 471
email: info@ips-ltd.biz web: www.ips-ltd.biz

UpRight
POWERED ACCESS

- **JLG** has appointed two new vice presidents and a training director in North America. **Chris Mellot** becomes vice president of customer assurance; **Brent Yohn** is promoted to vice president of field sales and service and **Todd Truax** has been appointed director of training.
- **Gary Crook** returns to **UpRight** as senior design engineer following a spell at JLG.
- **NMT Crane Hire** of Milton Keynes UK has ordered seven new cranes from Demag and one of the new seven axle Spierings mobile tower cranes.
- **Peggy Mulligan** chief financial officer of **Linamar**, Skyjack's owner, has resigned for personal reasons and will depart at the end of this month.
- **Haulotte** has appointed Emmanuel Kuranty as the manager of its Chinese subsidiary.
- **Doug King** has re-joined **UpRight** in the USA as sales logistics manager.
- The monorail train that runs from Tokyo's **Haneda Airport** to the city hit a crane trapping 130 passengers.
- Link-Belt cranes has made two new product specialist appointments - **Scott Knight** is now market specialist for lattice cranes and **Kelly Fiechter** becomes product specialist for telescopic cranes.
- **SafeWorks** - the parent of Power Climber and Spider suspended platforms - has appointed **Joe Salter** as HR director.
- California based **Bigge Crane & Rigging** has entered the tower crane market.
- **Demag Cranes AG** has appointed **Thomas Hagen** as the third member of the management board responsible for Industrial Cranes and Services.
- **Kirtland Capital Partners** has completed a \$50 million recapitalisation of its Essex crane business.
- A truck mounted aerial lift operator from Brogan Access was injured after he fell through a fragile roof in **Edinburgh** having left his basket to help with a survey.
- **Manitowoc** has adopted a new rights agreement that triggers in the case of an unsolicited take-over bid.
- **Cramo Sweden** has acquired Goby AB a rental company in Sundsvall, northern Sweden.
- **AmQuip** has acquired Boston-based **Shaughnessy Crane Services** from NES Rentals.
- **Tomas Blomberg** - a material supply manager at Hiab loader cranes in Hudiksvall, Sweden has won the 7th Svenska Monteringspriset 2007, an annual prize for introducing new developments in machine assembly.
- United has promoted **Michael J. Kneeland** to the post of executive vice president and chief operating officer. He was previously executive vice president operations.
- **Genie Europe** has appointed **Jacco de Kluyster** as territory sales manager for the Benelux markets.
- Australian **Skyreach** - the acquisitive telehandler and access rental company - will now trade under the Force Corp banner.
- **Malthus**, the privately owned Norwegian sales and rental company, has acquired **Liftbolaget**, the Swedish distribution company.



Gary Crook



Kelly Fiechter

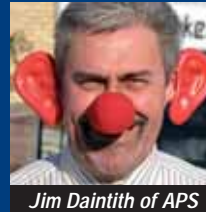


Scott Knight

- **Genie** has appointed **Matt Fearon** as managing director and vice president of Genie Europe (see face to face page 42)
- **Terex** has appointed **Oren Shaffer** of Qwest as a non executive director.
- **AMP Access** has purchased five new DAF rigid trucks with special Andover access equipment bodies.
- **AFI-Uplift** has appointed **Brian Parker** as its first general training manager.
- **London Tower Services** has expanded its powered access fleet with the addition of more Niftylift booms and JLG scissor lifts including 15,17 and 21 metre 4x4 Height Rider booms.
- The **Ashtead** group, owner of Sunbelt and A Plant has appointed **Christopher Cole** as chairman.
- **Airtrax** - the company that builds forklifts and aerial lifts with omni-directional wheels - has appointed Universal Equipment to help it build a dealer network in North America.
- The staff of **APS**, the Snorkel, Hinowa and Omme distributor sported red noses in order to help raise funds for Comic Relief and donated one percent of its revenue on red nose day to the charity.
- **Gordon Leicester** was arrested and placed in the old Brighton police cells, until he raised a bail of at least £3,000. At the end of the day he raised £4,000 for NCH, the children's charity.
- The U.S. Department of Transportation has announced that it will allow surge brakes on all small and medium-sized trailers concluding a 10 year battle by the ARA.



AMP Access



Jim Daintith of APS

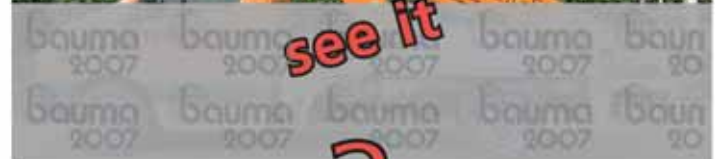
- The newly named Australian access rental company, **Force-Corp**, has acquired **Moorlands Hire**, a three location rental company in the state of Victoria.
- Tower crane company **Potain** has terminated its relationship with its Belgian distributor and will sell into the market and support customers from its wholly owned operations in Holland and France.
- Telford based **Access Rentals** will take delivery of a new 33 metre **Holland Lift** rough terrain scissor lift at SED in May.
- Aerial lift manufacturer **Snorkel** has promoted **George Fitchett** to director of North American sales and major accounts.
- **Easi-UpLifts** has appointed **Gerard Jennings** as business development manager responsible for setting up and managing its new Banbury location.
- **IPAF** is due to issue its 250,000th PAL card later this spring and is expecting to issue around 65,000 new cards this year.
- South African crane rental company, **Richie Crane Hire** has been acquired by mining services company Scharrig Mining for R40-million.
- **Maurice Flitcroft**, an ex -crane driver at the Vickers Armstrong shipyard in Barrow-in-Furness died on March 23rd. He became famous after he coned his way into the 1976 British Open even though he had only just taken up golf. He carded a 49 over par 121 and caused a rumpus which made him a minor celebrity.



George Fitchett

See www.vertikal.net news archive for full versions of all these stories

RUTHMANNSTEIGER® NO. 10.000



see it

2...

RUTHMANN
HIGHquality



click www.ruthmann.de for more information

Getting it straight

When it comes to self propelled boom lifts, straight telescopic models are a minority product in Europe. Users tend to prefer articulated booms, forcing rental companies down this route so that the whole thing becomes self perpetuating. This was not always the case. Straight telescopic were the order of the day in the UK and throughout Europe until Genie turned the articulated boom into a mainstream product in the mid 80's.

Today, the straight telescopic has been largely sidelined into heavy duty work such as steel erection and shipyard applications. As a result new product development in this sector has been somewhat slow to the point that it is difficult to differentiate a ten year old boom lift from JLG, Snorkel or Genie from a new model. In fact some of the models being built 10 years ago are still available today with only minor improvements.

It would be wrong however, to say that there have been no changes. The status quo, in terms of specifications, has in fact shifted a fair bit over the years, in spite of the fact that the straight boom market in both North America and Europe is conservative and somewhat resistant to change. Users tend to be highly experienced (don't mix that up with highly skilled or safe) with using booms. They know what they want and they know what they like and don't always



appreciate manufacturers messing with it.

This is a part of the market where the lift is a real tool, usually a key piece of production equipment for

In spite of this lack of interest in 'gadgets', articulated jibs have almost become standard equipment and heaven forbid, rotating articulated jibs are now creeping in, both of



a contractor- quite different from a typical small articulated boom which is often little more than a powered scaffold - something to get you up to the work place.

Heavy users of straight booms look for high function speeds, simple multi-function controls, good platform rigidity and the ability to cope with rough ground. There is little patience with finesse or 'nice' features. Regular users want a highly reliable industrial strength piece of kit that will take the abuse that they regularly hand out.

which have been considered to be 'namby-pamby' fripperies in the past.

More importantly perhaps are the narrower operating widths on larger booms, with extending axles disappearing on anything under 100ft. Tailswings have also reduced and the ability to deal with soft ground has improved beyond all recognition. Standard basket sizes have increased and high capacity models are gaining in popularity. There was a time when if you wanted a big boom you had no



choice but a straight boom. That has been turned on its head and the very highest boom lifts in most manufacturers ranges are now articulated.

Skyjack returns

Skyjack is in the process of re-entering the boom lift market. In the 1990's it built up a wide range of booms starting with a popular industrial articulating boom lift - the SJB-33N of which a 40ft model came later. The boom it might be best remembered for though was the unique hybrid boom lift the TK series with an SJB 46TK and a 66TK. These machines offered an unusual combination of straight and articulating boom. Their claim to fame was the reach they could achieve below ground level, great for reaching down into a dock, but the extra complexity only endeared them to a few. As soon as they went out of production of course they suddenly became a great machine that everyone wanted.

Selling a different concept in the straight boom market is an uphill battle at best, more so for a new entrant so Skyjack introduced very conventional 65ft and 87ft straight boom models - the SJB65TB and SJB87TB. More than 200 units of each were shipped and a 45ft model was introduced.

However as the company went into the new millennium the lift business became increasingly tough and Skyjack shut its US boom plant, quitting the boom market, seemingly for good. In 2005 the company made the decision to get back into booms. Given the struggle with its more innovative models, it naturally plumped

Upright is re-launching its boom lift range



this time for a conservative start with 45 and 65ft straight boom models. The 45ft - SJ45T is now in production (with a 40ft non jib version available) with the CE version due to be unveiled at Bauma.

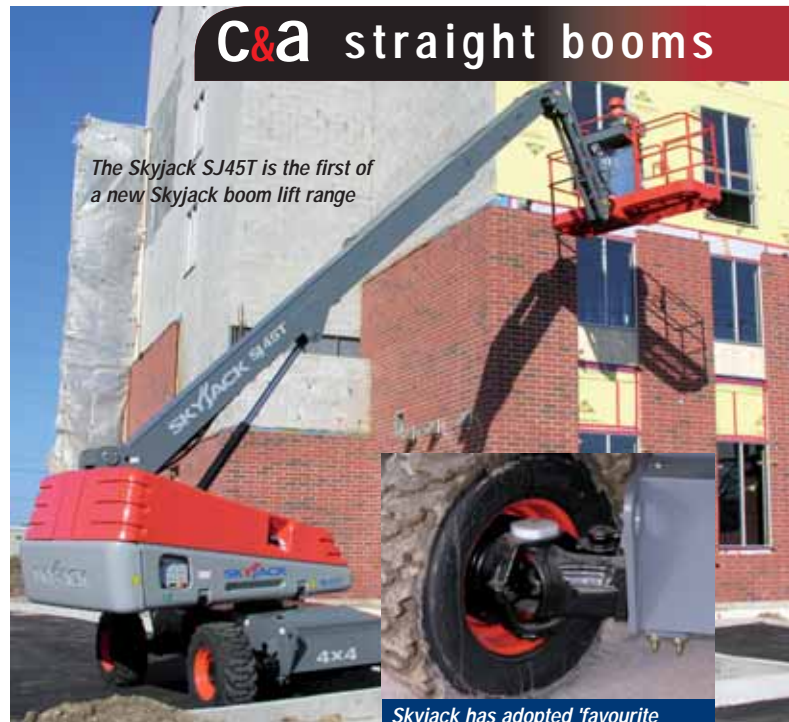
Skyjack's rationale for starting in the 40 to 50ft straight boom sector dates back to 2000. The last boom lift it launched had a similar specification and incorporated all of the lessons it picked up from its boom learning curve, the few units that were sold before the company pulled out of booms have a strong reputation and the model provided a good base for its new machines.

In a side by side specification comparison the new Skyjack does not exactly break new ground, but then that is not what the company set out to do with this product.

40/45ft straight booms with jibs

Company model	Skyjack SJ45T	JLG 460SJ	Genie S45	Haulotte HA16TPX	Snorkel TB47J
Platform Height	13.7m	14.02m	13.7m	13.88m	14.2m
Outreach	12.1m	12.34m	11.18m	11.8m	11.9m
Lift capacity	227kg	230kg	227kg	250kg	227kg
Speed	7.2kph	7.2kph	7.7kph	6kph	4.8kph
O/A Width	2.29m	2.34m	2.3m	2.25m	2.4m
O/A Length	8.79m	8.84m	8.48m	8.42m	8.15m
O/A Height	2.39m	2.39m	2.49m	2.21m	2.4m
GVW	7,200kg	7,850kg	6,800kg	6,800kg	6,100kg
Jib	135°	140°	70°	140°	140°
Tailswing	940mm	860mm	860mm	800mm	1,180mm

It is second best in terms of outreach, behind JLG, second place in terms of overall width behind Haulotte and second fastest behind Genie. What it does do though is provide a good all-round specification and according to the company, incorporates simpler, more rugged, easier to service technology. Given that this type of



The Skyjack SJ45T is the first of a new Skyjack boom lift range

Skyjack has adopted 'favourite features' from its big scissors, such as rough terrain axles and analogue electrics in its booms

UpRight adds booms

Another company looking to re-enter the boom market is UpRight although its approach could not be more different. Rather than starting again, UpRight is looking to reintroduce updated versions of all of the models that it finally stopped producing at the end of 2005, beginning with its articulating booms - the AB46 and AB62. The company is also planning to re-introduce the SB60 and SB80 straight booms possibly with key specification changes. It may also finally launch the SB45 which has been in prototype form since it was first shown at the last Bauma in 2004.

RUTHMANNSTEIGER® NO. 10.000

buy it

1

RUTHMANN HIGHQuality

click www.ruthmann.de for more information

keep control!



WORLD PREMIERE

HTL 40-17

HTL 40-14

bauma 2007

April 23-29 MUNICH

STAND

OUTSIDE AREA

F10 . N°1005/3

THE HAULOTTE GROUP UNVEILS ITS BRAND NEW HTL (Haulotte Top Lift) TELEHANDLERS RANGE at the BAUMA TRADE FAIR in world Premiere.

Designed and developed entirely in-house, these new telehandlers will revolutionise this market, thanks to Haulotte's expertise and know-how in people and material lifting equipment.



ARTICULATING



SCISSOR



TELESCOPIC BOOMS



VERTICAL MASTS



PUSH AROUND



TRUCK MOUNTED



TRUCK MOUNTED



TELEHANDLERS



MULTIJOB

Haulotte 
GROUP

www.haulotte.com

Innovation experience

UpRight's SB60 was unusual in that it was a 60ft boom with jib - most of the other offerings began life as 60ft models with optional jibs making them into 65ft units. UpRight argued that the market was requirement for 60ft and that buyers only selected the 65ft models because they wanted the jib. The company therefore incorporated an extra long (2.4m/8ft) jib into its standard 60ft boom allowing it to keep the main boom to two sections rather than the usual three, improving rigidity while saving weight, complexity and of course, cost. The overall stowed length of the machine was, as a result longer than most. In addition the hydraulics were designed to offer multifunction control. However to reach full height in 60 seconds or less, required simultaneous operation of telescope, lift and jib up functions. The telescope on its own was notoriously slow, although this was later modified. Both of these 'cost saving features' were too radical for a new entrant into the conservative straight boom market and sales were not as strong as the company had hoped.

The other straight boom in the UpRight stable - the SB80 - incorporated the lessons learnt from the SB60 and was generally a good machine from the start, however its telescoping axles are no longer 'state of the art'. The designs purchased by Tanfield include a full update of the SB60 including a three section boom. UpRight will however, face the same challenges as Skyjack in entering this market.

Big deck booms

Straight booms have often been specified with bigger platforms. Almost all 60 and 80ft booms now offer a 2.4 metre wide basket in place of a 1.8 metre, either as standard or as an option. Over the years some users have looked for even larger platforms for specific applications. In the extreme cases some buyers want a big scissor lift platform and capacity with the outreach and slew capabilities of a boom lift - the 'scissor on a stick'

concept. Machines that achieve this have been built by Aichi and Tadano but tend to be very heavy and very expensive. Because of this they have been niche products and both companies have ceased marketing the self propelled versions in Europe. The new Manitou T150 shown at Intermat



The scissor on a stick concept

last year and scheduled for production this spring, satisfies some of this demand, although with limited outreach and no slew it does not fully replace them. Perhaps Manitou will consider fitting the top of this new model to a self propelled boom type chassis? Alternatively if might argue that its integrated telescopic handler platforms meet this demand?

Many buyers though are simply looking for a wide (or long) platform to cover a large façade and handle lightweight but long components. A German company, HAB has reacted to this big platform demand with its 61ft, T20K5 D4WD which features a five metre (16.5ft) wide basket with a 350 kg lift capacity. A full 180 degrees platform rotation allows the machine to be transported with the big platform in place, but it can also be quickly converted to a two metre wide platform



The T20K can be transported on a regular width trailer thanks to a full 90° platform rotation

C&a straight booms



The HAB T20K5 D4WD features a 5 metre platform (16.5ft) which can be converted to 2 metres

for regular work or to provide a shorter transport length.

HAB took over the TKD straight boom business from Kronau and continues to offer parts and service for those products. Its current range also includes more normal

72 and 86ft boom lifts with articulating jibs and normal sized platforms. The machines are built to a high specification and feature very strong, rigid boom designs and good 4x4 performance thanks to their high ground clearance.

60ft straight booms No jibs

Company Model	Snorkel TB60	Genie S60	Genie S60HC	JLG 600	JLG 601S	HAB T20K	Haulotte H21TX	Aichi SP18A
Platform	60ft	60ft	60ft	60ft	60ft	61ft	62ft	60ft
Outreach	15.2m	15.48m	15.48m	15.1m	14.9m	16.5m	17.2m	16.7m
Capacity kg	227	227	350/567	230	230	350	230	227
Width	2.5m	2.49m	2.49m	2.44m	2.44m	2.48m	2.48m	2.43m
Length	9.4m	8.51m	8.51m	8.61m	8.36m	9.23m	9.1m	9.17m
Tailswing	1.5m	1.22m	1.22m	1.14m	1.14m	1.22m	1.1m	1.24m
GVW Kg	9,857	9,385	10,072	10,800	10,330	14,200	11,750	12,100

60 ft straight booms With Jibs

Company Model	Snorkel TB66J	Genie S65	JLG 600SJ	JLG 660SJ	HAB T22J	Haulotte H23TPX	Aichi SP18AJ	UpRight SB60
Platform	66ft	65ft	60ft	66ft	72ft	67.7ft	60ft	60ft
Outreach	17.1m	17.1m	15.3m	17.3m	18.5m	19.5m	15.8m	16.0m
Capacity kg	227	227	230	230	250	230	227	227kg
Jib artic.	80°	140°	130°	130°	145°	140°	130°	140°
Width	2.5m	2.49m	2.44m	2.44m	2.46m	2.48m	2.43m	2.44m
Length	10.0m	7.6m	9.55m	10.3m	8.05m	8.1m	10.04m	9.1m
Tailswing	1.5m	1.22m	1.14m	1.14m	1.22m	1.1m	1.24m	1.3m
GVW Kg	11,916	10,102	11,525	13,115	14,200	13,110	12,300	10,750

Notes: Tailswing = Tailswing outside of chassis width. UpRight SB60 out of production since 2006

RUTHMANNSTEIGER® NO. 10.000



RUTHMANN
HIGHquality

click www.ruthmann.de for more information



MATILSA

00 34 976 535 093

00 34 976 534 645

matilsa@matilsa.es

See Us At **bauma 2007** Stand No. F11 1102/1

www.matilsa.es

PARMA 12T
PARMA 16 D
PARMA 13 E
PARMA 13 D
PARMA 17

The JLG 600 SJ a 60ft with jib



placed right at the rear of the machine providing a long base boom section. As the boom angle increases the superstructure frame lifts, moving the boom pivot point forward as well as upwards thus improving outreach at higher boom angles and avoiding any rearward stability problems thus saving weight. The extra height achieved by the rising pivot point also allows the telescopic boom to be shorter to reach the height, further economising on weight and stowed length.

JLG achieves something similar with its 860SJ and its Hybrid E600J although in the latter model the mechanism is more akin to a regular single stage articulated boom riser, allowing it to use a two section telescopic boom.

A good idea or a frippery?

The rotating jib first appeared on an oddball Genie product, the Z20. This was essentially a sigma lift linkage with a jib attached to a platform rotator on top fitted to a bloated scissor lift base. It offered a working envelope similar to that of a mast-boom without the need for slew (it was a 'top slewer' in effect) or multistage masts.

However the concept was too specialised and too heavy for most users and its difficulty to load and unload did not endear it to rental companies. The rotating jib however did catch on big time and was quickly incorporated into industrial, narrow aisle articulating booms and then into 4x4 articulating booms, with Snorkel most recently adding it to an 85ft boom.

When Genie replaced its S60 three years ago it elected to go with an unusual design that places the boom pivot point on a parallelogram riser, almost making it into an articulated boom.

Old concept

This concept is far from new, having been used on cranes and trailer lifts in the past to keep overall length of the machine down while enhancing outreach at higher boom angles. The design works by linking the boom lift cylinder to a rising superstructure frame allowing the boom pivot to be

The Genie 65 features an elevating boom pivot point to save weight



Now Genie® is within your reach

When you need to go up in the world, Genie has the machine for you.

Genie machines are built to provide a superb level of reliability and safety when you're working at height. And their exceptional performance means that they're strong enough to manage even the toughest jobs.

Come and see our latest products at **bauma 2007**, external area F7, Terex stand 704/705

**bauma
2007**

With a range that includes the highly manoeuvrable personnel and material lifts to the rugged telehandlers and articulating and telescoping booms with lifting heights of up to 43 metres there's sure to be one that suits you.

To find out more, contact our local team.

Tel: 01476 584333



Copyright © 2007 Genie Industries, Inc. All rights reserved.

Genie
A TEREX COMPANY



www.genieindustries.com
Email: infoeurope@genieind.com

Starting April 23rd the world will shrink by 12 metres.



Who: **DINO Lift**
Where: Munich, BAUMA

straight booms C&a



The Haulotte H43TPX demonstrates its rotating jib

When it comes to straight booms however, regular users have even eschewed regular jibs in the past, preferring rigidity and ruggedness over the additional reach potential of a jib. Users have however become more familiar with the benefits of articulating jibs and today they are just about standard equipment on straight booms. Rotating jibs also now beginning to creep into use with both JLG and Haulotte fitting them as standard on their top of the line 135ft models. The concept is likely to become increasingly available on smaller units as time goes by. Whether it will become popular or not remains to be seen, one assumes that given rigidity and complexity issues the concept will not suit the rough and tumble conditions of steel erection or shipyard work.

Basket case

A look at spare parts usage on straight booms flashes up an interesting fact, straight booms, particularly 40 and 60ft models seem to consume baskets. Yes baskets - platforms - cages - no matter what you call them they seem to last no time on a straight boom. A visit to a typical steel erection job provides the answer behind this oddity, trades such as this use the boom not only to reach the work but also to push, shove the steelwork into place and to help hold it steady while welding or bolting it in place. You might ask why manufacturers don't beef up this part of the lift to cope with this somewhat dubious practice? The main answer is that this would simply transfer the abuse into other components further down the lift mechanism. Building the entire machine to cope with this abuse would create a prohibitively priced

machine. So instead the users that follow this practice almost see the basket as a consumable. The challenge then for manufacturers is to crate a basket that can be quickly replaced or repaired and that does not cost the earth.

JLG has done a good deal of work on some models to modularise the cage so that separate sections can be replaced rather than the whole. Genie on the other hand has focused on cost and offers an attractive price on replacement platforms that can be rapidly changed over.

Some rental companies keep abused and repaired platforms in stock to fit for abusive applications.



Trades such as Steel erection treat boom baskets as a consumable.



Sometimes only a tracked boom will do

When the going gets rough

All of the straight booms on the market today feature or offer four wheel drive with differential locks or hydraulic flow dividers that ensure constant all wheel drive, enhancing the machine's performance in rough muddy ground.

If buying a boom that offers four wheel drive as an option make sure that you specify it. In Europe most manufacturers do not import or offer two wheel drive straight booms except by non cancellable order. Do not be tempted to save money by ordering a two wheel drive boom - it is a false economy. Four wheel drive not only enhances off road performance, but in most cases it also dramatically improves gradeability, which is essential if you are using the boom on slopes or regularly loading it onto transport. Over and above these practical reasons, when it comes time to sell your boom on, a two wheel drive straight boom is about as attractive as roast pork in a mosque to used boom buyers.

If you are planning to use a boom in soft or slippery conditions, attention should also be directed towards the tyres. Boom lifts are increasingly being fitted with low profile foam filled tyres. These are very attractive in many, if not most applications. They use less foam than bigger tyres, are more rigid and thus provide more stability and should the rubber shred, the big steel rims will keep the boom stable and allow easy recovery. However, when it comes to the worst conditions, the lack of tyre side wall flex and smaller lugs, mean that the tyres quickly fill up with mud turning them into 'slicks'. If heavy mud is to be a regular challenge then select a machine or a tyre option with the largest diameter, high profile side walls and deep lugs. In the extreme this might be a key criteria in your choice of machine.



For the worst ground a large tyre with deep lugs can help

When it is really tough

There are times when the conditions are so bad that wheeled machines simply will not hack it. In such cases there are a couple of options. JLG and Aichi both produce standard straight boom lifts on self propelled tracked chassis. For more details on this type of boom see *Cranes&Access* October 2006.



The Loegering crawler units can be retrofitted to a boom lift and then converted back again.

An alternative to buying a full crawler mounted boom lift is to use temporary tracks. A number of companies produce web type tracks that fit over the tyres either between the existing wheels or between the rear axle and a spring loaded jockey wheel in between the two to create a half track.

One company that offers these solutions, Loegering, has also introduced a third possibility - separate triangular crawler units that can be exchanged for the regular wheels on a boom lift to create a crawler mounted lift that can be easily converted back into a wheeled machine when the job is over.



A boom for industry, the unusual 14m Kitzler KIB 24/162T straight boom offers four wheel over centre steering and 500kg lift capacity.

WE HAVE RAISED THE BAR IN THE 3.5t CLASS!

World premiere at the **Bauma**
23rd – 29th April 2007, Munich
Open-air area F8, stand 822/3

25m

24.5m

24m

23.5m

23m

BISON PALFINGER

The new 3.5t TA range from BISON PALFINGER jumps up into unrivalled heights in terms of its reach, design, equipment, and service! Do not miss this sensation at the Bauma!





**bauma
2007**

Welcome to our stand
No. F12 1203/3

FROM 37 TO OVER 100 METERS



BRONTO SKYLIFT OY AB
Teerivuorenkatu 28
FI-33300 TAMPERE
Finland
Tel +358 3 272 7111
Fax +358 3 272 7300
www.bronto.fi

BRONTO SKYLIFT AB
Effektvägen 14
SE-19637 KUNGSÅNGEN
Sweden
Tel +46 8 5816 6040
Fax +46 8 5816 6035
www.bronto.se

BRONTO SKYLIFT AG
Ifangstrasse 111
CH-8153 RÜMLANG
Switzerland
Tel +41 1 818 8040
Fax +41 1 818 8050
www.bronto.ch

BRONTO SKYLIFT GMBH
Ralf Niederberger
Lankey Strasse 13
DE-47809 KREFELD
Germany
Tel +49 2151 571324
Fax +49 2151 571562

Above all



On your marks, get set...

C&a

bauma 2007

The BIG show is almost here

In this, the second part of our Bauma show preview, we give some practical advice on getting there, a round up of the new products not already covered, a shortlist of 'Must See' new products and a comprehensive pull-out listing of Crane, Access and Telehandler exhibitors with a good sized map.

Bauma, the biggest equipment show on earth, opens its doors on April 23rd. If you are still dithering about whether to go to Bauma or not stop right now! Call your travel agent or go on-line and book. Don't be put off by the seeming lack of rooms and the high costs of flights, you can still get some bargains if you try. On the other hand if you are having a really great year remember that it is all tax deductible..... better that you get to experience the biggest and best cranes and access show in years than the taxman has it!

In terms of flights, if you cannot find a reasonable flight direct to Munich, there are still plenty of good rates through Amsterdam and Zurich with companies like KLM, and Swiss. You might also look at flying into nearby cities such as Stuttgart and taking the train or a car the rest of the way.

Hotels are trickier. A travel agent might be your best bet as a certain proportion of rooms are block booked by agents. Some of those might also become available closer to the day - if you like taking risks. The internet is also a quick and easy way to find accommodation particularly if you are prepared to travel by train or car. Travelling 40 or 50km to the show isn't too bad and does widen the hotel room net considerably.

A manufacturer might have a room too many and be willing to turn one over to you and the Munich tourist board has always proved helpful. And of course do not overlook the Bauma website and its official travel agent. Make the effort, you



Stop and pick up your copy of Vertical Bauma.

will not regret it. Who knows where you will be in three years time?

Once in Munich there are shuttle buses direct to the show every 30 minutes costing €7 or €12 return. Alternatively you can take the S-Bahn line 8, change to S-4 then to U2, not something to do if you are in a hurry or have lots of luggage. However, if you are in cheapskate mode and you already have your Bauma entry ticket, public transport is free. If on the other hand you are feeling flush, then take a taxi, it will take around 35 minutes, 10 minutes faster than the shuttle, but it will set you back €51 a fixed rate agreed with the show.

If you travel into the city first your options are similar. Once in the city, the most reliable way to the fair is the Underground, the U-Bahn. It goes from the main station directly into the show ground. No traffic, no parking and its free if you have your Bauma pass.

When you arrive at the show stop of at the Vertical Press stand first and pick up your free copy of Vertical Bauma. This includes guided tours by product type, saving you valuable shoe leather

and helping avoid blisters it will also pinpoint everything of interest in Munich including a list of our favourite restaurants and bars. What could be handier?



Exhibitors Part two

See Cranes&Access March for part one

Bronto

Truck mounted platform specialist Bronto will be unveiling a brand new 70 metre truck mount, the S70XDT, mounted on a four axle MAN truck it weighs less than 35,000kg. Bronto is suggesting that in spite of its compact dimensions the outreach on this new model will be exceptional. Bauma will also be the first opportunity for most people to see the world's largest

aerial lift, the 101 metre S101 HLA recently sold to German rental company Gerken. The other machines on display include two, S52 XDT's, and a 90 metre S90 HLA.

Effer

Effer will exhibit its products on both its own stand and on that of the CTE group. It is using Bauma to unveil the all new 470-8S, a 45 tonne/metre crane with 360 continuous slew, decagonal boom and various boom and fly jib combinations.

See us at Bauma stand n:o F7/709/2

LEGUAN®

NEW!



Heavy duty crawler chassis

- Excellent off-road performance

LEGUAN® LIFTS

Ylötie 1, FI-33470 Ylöjärvi, Finland
Tel. +358 3 347 6400 Fax +358 3 347 6446



**Rough Terrain
Scissor Lift**

Working height 8,0 m
Width 1,0 m
Platform 2,25+1,2 m
Weight 1500 kg



www.leguanlifts.com

**VERY SLIM, TALL, JAPANESE MODEL,
LIKES WEIGHTLIFTING, WILLING TO TRAVEL,
LOW MAINTENANCE, SEEKS SITE OPERATIVE
FOR UPLIFTING EXPERIENCE**

VISIT WWW.MAEDACRANES.COM

OR MEET ME AT BAUMA, OPEN AIR AREA F10, STAND NO. 1003/1



The 175 tonne/metre Effer1750-L8S with L6S fly jib will most likely be the largest loader crane at the show. Its eight section decagonal boom has eight extensions plus six fly jib extensions giving a maximum height of more than 44 metres.

Mounted on a 4-axle CV P340 LB 8x2 Scania truck with six stabilisers, the overall length is a compact 9.2 metres. The vehicle can carry 1.6 tonnes of equipment and pull a 12 tonne trailer.

Meanwhile it will also show an improved version of its 16 tonne/metre 165.11.3S with a new top boom offering up to 195 degrees of articulation. The 165 has been specifically designed for the building industry and general cargo.



The massive Combistar 265EL13 is only 1.3 metres wide.

Holland Lift

Holland Lift, the producer of heavy duty self-propelled scissor lifts has recently doubled its production capacity to cope with growing demand for its top of the line products. It is promising some surprises alongside its recently launched, high level narrow range of machines. Topping out the line is the 1.3 metre wide, 26.5 metre platform height N-265EL13

high level scissor lift with four wheel steer and four wheel drive. Designed for high reach narrow aisle work such as high level warehousing, the unit still has a 750kg capacity in spite of its narrow base.

Johnson Matthey

Johnson Matthey is providing a 'Compliance Clinic' to help manufacturers, dealers, owners and operators to understand the latest emission regulations.

Under new regulations, many new off-road machines will require an exhaust catalyst for the first time. The clinic will provide valuable advice to those wanting to retrofit systems to meet local environmental or occupational health regulations.

Since making the first catalysts to control vehicle pollution in 1974, the company claims to have supplied a third of all autocatalysts ever made. It has 12 manufacturing sites and six technology centres around the world. The clinic will be on the Johnson Matthey stand A509 in Hall A5.

Leader

Italian truck and spider lift producer Leader will be giving its JET200 truck mount with internally stowing articulated jib its first international outing. Shown as a prototype at SAIE in October, the first production units are due off line this spring.

Leguan

Leguan will show off its first scissor lift, an eight metre rough terrain skid steer product which, like its boom lifts, is self propelled in the transport position but must set its outriggers before lifting can commence. The benefit is a low weight of only 1,500kg.



The Effer 1750 - probably the largest lorry loader at the show

Genie

Genie will comprise part of the massive Terex stand and the company will launch its new Z40/23NRJ AC drive boom lift and GS3232 electric scissor lift first shown in February at the ARA. It will also be displaying its latest telescopic handlers, including its 25 metre, 6,000kg lift capacity GTH6025R Gyro model.

GSR

Italian truck mounted platform manufacturer GSR will be exhibiting with its German dealer Rothlehner Arbeitsbuehnen. On the stand will be the E290PX - a 29 metre working height, sigma style platform on a 7.5 tonne Man chassis and the MB Sprinter mounted E200T a 20 metre telescopic platform with 12.9 metres of lateral reach first shown in Bologna. also on show is a 17 metre telescopic boom E179T, mounted on a Volkswagen Crafter 3.5 tonne chassis.



See Us At
**bauma
2007**
Open Air
F10/1006/5



Agent UK
Crowland Cranes Ltd.
The Complete Crane Company
Cressle Drive - Crowland - Peterborough - United Kingdom - PE6 0BN
Tel: 01733 210561 (3 lines) - Fax: 01733 211222 - Fax: 01733 211269



ORMIG S.p.A. PIAZZALE ORMIG
P.O. BOX 63 - 15076 OVADA (AL) ITALY
TEL. (+39) 0143.80051 r.a. - FAX (+39) 0143.86568
E-mail: mktg@ormigspa.com - sales@ormigspa.com
www.ormig.com - www.pickandcarry.com

nifty gives you more



**more
specification**

**more
reliability**

**more
performance**

Nifty's range of self propelled work platforms now gives you **more** than ever before.

With working heights ranging from 10m to over 21m you may be surprised at how much **more** they can deliver.

Rough terrain 4x4 booms with class leading specifications and now **New Narrow-Aisle** models with Nifty's superb **Bi-Energy** power options are available.

Call **now** to find out how much **more** you could be getting with Nifty Work Platforms.

See us at
Bauma
Area F11 Stand no. F11.1103/7

Contact Details:

Fingle Drive, Stonebridge,
Milton Keynes,
MK13 0ER, England
Tel: +44 (0) 1908 223456
Fax: +44 (0) 1908 312733
Email: sales@niftylift.com
info@niftylift.com
Web: www.niftylift.com



niftylift.com

Link-Belt

Sharing space with its sister company Hitachi Sumitomo, North American crane manufacturer Link-Belt is showing its 80 tonne capacity HTT 8690 telescopic Truck Terrain crane. The four axle crane features all round single tyres and all wheel, four mode steering in order to provide All-Terrain manoeuvrability on a truck chassis. The HTT's turning radius in co-ordinated steering mode is under nine metres, while the transverse differential locks and air suspension assist in rough terrain.

The power train includes a 332kW engine driving a ZF AS-tronic transmission with twelve forward and two reverse speeds.

The main boom is a five section 42.7 metre pinned boom, plus a 17.7 metre bi-fold swingaway extension which offsets by up to 45 degrees. Two 4.9 metre fixed extensions can be added between boom tip and swingaway to take the tip height to a maximum of 72.2 metres.

Marchetti/Crane Business

Crane Business of Holland will show the Logicrane 65.40L, a 65 tonne telescopic boomed crawler crane developed with and built by Marchetti. The compact crane can handle 35 tonnes free on tracks and then uses outriggers to achieve its maximum capacities. It features a 40 metre main boom.

Michelin

Michelin has extended its X-Crane AT tyre range with two new sizes specially designed for All-Terrain cranes that are subject to long distance road travel - a UK speciality! Aimed at 35 to 600 tonne machines with two to twelve axles, the 385/95 R24 and R25 X-Crane AT170F claim to give up to 20 percent longer life and give improved braking.

In addition, its radial casing and enhanced tread blocks ensure progressive grip that reduces vibrations and stress on the drive train improving driver comfort.



Michelin X-Crane AT

New Holland

Determined to offer a full telehandler product range, New Holland is launching two new models - the LM1133 and LM732. Built at its Lecce plant in Italy, the 3,300kg capacity LM1133 is aimed at housebuilders with a maximum lift height of 11 metres. The 3.2 tonne capacity LM732 has a maximum lift of seven metres making it attractive to the rental market.

Features of the machines include the self-levelling of attachments using a compensation cylinder and +/- 10 degrees of frame leveling system.

Other standard features include three steering modes, Powershift transmission and a 95hp engine.

Niftylift

Nifty is going all out at Bauma to support its German sales office established more than 18 months ago. The company will show a full spread from its self propelled, trailer and spider lift ranges. Included in the display will be the recently launched heavy duty HR18 4x4 articulated boom and the 4x4 version of its highly successful HR12.



Niftylift HR12

Ormig

Ormig will show its latest pick and carry cranes including the 16 tonner first seen at SAIE in October along with its cranes mounted on commercial truck chassis. With capacities of up to 80 tonnes these units are popular in Germany as an assist and assembly crane for mobile cranes.

Palfinger

A variety of products will be on the Palfinger stand including for the first time, the heavy-duty, increased capacity PK 74002 Performance lorry loader. This unit replaces the PK 72002 and expands its range of larger cranes.

Other loaders on show include the PK 8501 Performance and PK 25001 EL long-boom crane, a TKA 35 KS Bison truck mounted platform and a selection of Crayler transportable forklifts.

C&a

bauma 2007



Link-Belt's 82 tonne capacity HTT 8690 has a turning radius of under nine metres

Skyjack

Skyjack will unveil the CE version of its 45ft straight boom first seen as a prototype at last years ARA. The new Skyjack with two section boom and jib sets the ground for two 60ft models later this year and 45ft articulated models in 2008. The company will also show its full range of electric and RT scissor lifts.

Snorkel

Snorkel will exhibit its new 85 foot platform height AB85RJ self propelled articulating boom that was unveiled at the recent ARA show. The 85RJ offers the first rotating offsettable jib on an 80 ft class boom and offers a working outreach of almost 19.5 metres - claimed to be an industry best - with an up and over height of 8.5 metres.

Bauma will be the first chance to see the CE version of Skyjack's new 45ft boom.



BRAVI
new working solutions

STRESS?!?

See us at SED
Stand No. 607
Avenue J.

.....NO STRESS!

See us at
BAUMA
Outside Area F11
Stand No. 1104/10

Leonardo
the Italian genius

BRAVIISOL divisione meccanica srl
S.S. Adriatica, 16 Km 314,600 - 60022 Castelfidardo (AN) Italy
tel. +39.071.7819090 - fax +39.071.7819355
www.braviisol.com - e-mail: info@braviisol.com

mosca+co.2007



SKYJACK's refreshing
'keep it simple and robust'
design philosophies help to
engineer products that have
industry leading dependability,
serviceability and the lowest
life cycle costs.

Visit us at:

Bauma
April 23-29 in Munich
Stand# F11-1104/7

SKYJACK[™]
ELEVATING WORK PLATFORMS

For more information
visit us on the web at:
www.skyjack.com
or Tel: +44 (0) 1691 676235



Snorkel will show its all new AB85RJ

Its dual sigma style riser offers zero tailswing and parallel lift and descent. Four wheel drive and steer on a fixed 2.4 metre wide chassis completes the package.

Terex Cranes

Terex Cranes will be out in force with 13 cranes on display including the first showing of the new 100 tonne four axle AC100/4. The company will also be displaying truck cranes, including the three axle 40 tonne smaller brother of the PPM TC60L shown at Intermat last year. It is also expected to show a 60 tonne, four axle truck crane from its Changjiang operation, 50 percent of which it acquired last year.



The TC60L launched last year will be joined by a 40 tonne, 3-axle version.

UpRight

UpRight has announced that it is getting back into booms and that it will shortly relaunch a refined version of its AB46 articulated boom range.



On show for the first time the 70 metre working height WT700

Wumag

Wumag will display its new 70 metre WT700 for the first time. This compact, heavy duty platform has a 700 kg platform capacity and up to 35 metres of outreach, a class best according to Wumag. The new model offers variable outrigger widths with automatic load adjustment. Other exhibits will include a 37 metre WT 370 and a 53 metre WT 530. Wumag is keeping details of its 100 metre All-Terrain truck mounted WT 1000 close to its chest but will reveal details at the show. If all goes according to plan the new model will take the world's tallest title away from the Bronto 101



First graphics of what is claimed to be the largest platform in the world.

Yongmao

Making its debut at a European exhibition Yongmao will be showing examples of its flat top tower crane range. The company began importing its cranes through Jin Long Europe late last year and has already posted a number of successes in the UK and Ireland.



MUSIC, MAESTRO!



Conditioned to maximum performance

40 years ago we launched a challenge to gravity: on land and on sea. A challenge that every day our cranes win, lifting tonnes of goods around the world. A challenge that we win, thanks to the technology, power and performances of our innovative range of models.

**COME TO SEE US AT BAUMA,
Munich (Germany), 23-29 April
Stand N718/3 External Area F7
& Stand 1103/3 External Area F11**



HEAD OFFICE
SOL.GE. S.p.A.
40013 CASTEL MAGGIORE (BO)
ITALY
Via Bonazzi, 12/14
Tel. +39 051 41 81 211
Fax +39 051 70 14 92
info@effer.it

UK CONTACT:
Jeremy Newman
Tel. +44 (0)1845 86 93 031
Mobile +44 (0)17801 92 42 25
Fax +44 (0)1845 86 93 037
jeremy@effercranes.co.uk

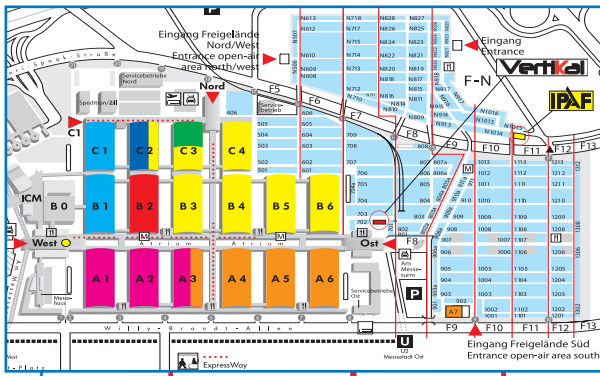
www.effer.it - info@effer.it

Exhibitor Listing

Company	Hall/area	Stand No
Boom lifts		
Aichi	F11	F11.1101/1
Airo	F10	F10.1004/3
DenkaLift	F10	F10.1003/3
Dinolift	F13	F13.1305/2
Falck-Schmidt	F10	F10.1003/3
Genie	F7	F7.704/705
H.A.B.	F11	F11.1102/1
Haulotte	F10	F10.1005/3
Hinowa	C4	C4.209/304
Hitachi	F5	F5.504/1
Iteco	F11	F11.1102/1
JLG	F10	F10.1002
Kesla	F6	F6.606/4
Kreitzler	F2	F12.1201/3
Leader	F9	F9.917
Leguan	F7	F7.709/2
Lionlift	F12	F12.1204/4
Manitou	F9	F9.908/1
Matilsa	F11	F11.1102/1
Niftylift	F11	F11.1103/7
Oil & Steel	F7	F7.N715/2
Palazzani	F11	F11.1305/3
PB Lifttechnik	F10	F10.1003/3
Platform Basket	F9	F9.901A/2
Snorkel	F11	F11.1101/2
Teupen	F12	F12.1204/6
UpRight	F9N	F9.N913
Worldlift	F10	F10.1003/3
Spider Lifts		
Falck-Schmidt	F10	F10.1003/3
Hinowa	C4	C4.209/304
Leader	F9	F9.917
Leguan	F7	F7.709/2
Lionlift	F12	F12.1204/4
Niftylift	F11	F11.1103/7
Oil & Steel	F7N	F7.N715/2
Omme Lift	F11	F11.1102/1
Palazzani	F11	F11.1305/3
Teupen	F12	F12.1204/6
Mast Booms		
Airo	F10	F10.1004/3
Genie	F7	F7.704 & 705
Haulotte	F10	F10.1005/3
JLG	F10	F10.1002
Kuli/Kempkes	A1	A1.317
Manitou	F9	F9.908/1
PB Lifttechnik	F10	F10.1003/3
UpRight	F9N	F9.N913
Scissor Lifts		
Airo	F10	F10.1004/3
Braviisoll	F11	F11.1104/10
Genie	F7	F7.704/705
H.A.B.	F11	F11.1102/1
Haulotte	F10	F10.1005/3
Holland Lift	F12	F12.1201
Iteco	F11	F11.1102/1
JLG	F10	F10.1002
Kreitzler	F12	F12.1201/3
Leguan	F7	F7.709
Manitou	F9	F9.908/1
Platform Basket	F9	F9.901A/2
Skyjack	F11	F11.1104/7
Snorkel	F11	F11.1101/2
UpRight	F9N	F9.N913
PB Lifttechnik	F10	F10.1003/3
Push around lifts		
Böcker	F12	F12.1203/2
Braviisoll	F11	F11.1104/10
Genie	F7	F7.704
Haulotte	F10	F10.1005/3
JLG	F10	F10.1002
UpRight	F9N	F9.N913
Trailer Lifts		
Aerial-(UpRight)	F9N	F9.N913
DenkaLift / Worldlift	F10	F10.1003/3
Dinolift	F13	F13.1305/2
Esda	F13	F13.1302/3
Genie	F7	F7.704/705
Haulotte	F10	F10.1005/3
JLG	F10	F10.1002
Manitou	F9	F9.908/1
Matilsa	F11	F11.1102/1
Niftylift	F11	F11.1103/7
Omme Lift	F11	F11.1102/1
Paus	F5	F5.503
Skyjack	F11	F11.1104/7
Snorkel	F11	F11.1101/2
Teupen	F12	F12.1204/6
UpRight	F9N	F9.N913
Truck mounted lifts		
Barin	F13	F13.1302/1
Bison Palfinger	F8N	F8.N822/3
Bizzocchi	F11	F11.1103/3
Bronto Skylift	F12	F12.1203/3
CMC	F13	F13.1302/1
CTE	F11	F11.1103/3
Esda	F13	F13.1302/3
GSR	F10	F10.1003/3
Haulotte	F10	F10.1005/3
Hydra Platforms	C4	C4.107
Leader	F9	F9.917
Lionlift	F12	F12.1204/4
Moog	F13	F13.1303/4
Nostolift	F6	F6.606/4
Oil & Steel	F7N	F7.N715/2
Omme	F11	F11.1102/1
Pagliari - Multitel	F12	F12.1203/1
RAM	F11	F11.1104/4
Ruthmann	F10	F10.1006/8
Socage	F13	F13.1303/1
Tecchio	B4	B4.136
Teupen	F12	F12.1204/6
Time Export	F12	F12.1204/3
Versalift	F12	F12.1204/3
Wumag Elevant	F13	F13.1304

Company	Hall/area	Stand No
Mast climbers & Hoists		
Alba Macrel	F10	F10.1004/7
Alher	F12	F12.1204/1
Alimak Hek	F11	F11.1102/6
AS Climber	F10	F10.1002/1
Böcker AG	F12	F12.1203/2
Camac	F9	F9.902/2
De Jongs Liften	F7N	F7.N717/3
Encinat	F11	F11.1106/4
Fixator	A3	A3.220
Fraco	F7N	F7.N717/3
Geda Dechentreiter	F10	F10.1004/1
GJJ	F8N	F8.N820/7
Goian	F10	F10.1003/8
Maber	F10	F10.1001
Pega Hoist	F10	F10.1001/3
Raxtar	F11	F11.1104/4
Saltec	F11	F11.1103/9
Scaninter/Scanclimber	F13	F13.1302
Steinweg	F12	F12.1203/2
Stros	F12	F12.1201/2
Crawler Cranes		
Casagrande	F12	F12.1211/1
CMV	F13	F13.1307/1
Crane Business	F12	F12.1204/5
Fushun	F12	F12.1204/5
Hitachi Sumitomo	F12	F12.1202/4
Imai	B3	B3.500
Kegiom	F5	F5.904/9
Kobelco	F12	F12.1202/2
Liebherr	F8	F8.804-807
Link-Belt	F12	F12.1202/4
Manitowoc	F11	F11.1105/1
Maeda	F10	F10.1003/1
Marchetti	F12	F12.1204/5
Nobas	F12	F12.1210/1
Sany	F8N	F8.N816
Sennebogen	F7	F7.706/1
T.C.M	F9N	F9.N917/3
Terex-Demag	F7	F7.704/705
Tes Car	F12	F12.1213/5
Unic	F11	F11.1102/15
XCMG	C4	C4.205/404
Zoomlion	F8N	F8.N818
Mobile Cranes		
ACE	F8N	F8.N822/2
Bencini	F5N	F5.N507/3
Euro Rigo	F11	F11.1103/1
Grove / Manitowoc	F11	F11.1105/1
Haulotte	F10	F10.1005/3
Hitachi Sumitomo	F12	F12.1202/4
Kato	F11	F11.1103/1
Liebherr	F8	F8.804-807
Link-Belt	F12	F12.1202/4
Locatelli	F11	F11.1104/8
Mait	F13	F13.1311
Marchetti	F12	F12.1204/5
Ormlig	F10	F10.1006/5
Sany	F8N	F8.N816
Sennebogen	F7	F7.706/1
Spierings Kranen	F11	F11.1103/2
Tadano Faun	F12	F12.1205
Terex-Demag	F7	F7.704/705
XCMG	C4	C4.205/404
Zoomlion	F8N	F8.N818
Tower Cranes		
ACE	F8N	F8.N822/2
Arcomet	F11	F11.1106/2
Benazzato Gru	F9	F9.903/8
BKT	F13	F13.1303/3
Comansa	F11	F11.1103/8
Comedit / Terex	F7	F7.704/705
Conducta	F12	F12.1203/2
Eurogru	F9	F9.903/8
FM Gru	F11	F11.1104/11
Hanwoo TNC	F6N	F6.N610/4
Jaso	F10	F10.1003/4
Just Cranes	F11	F11.1101/3
Kegiom	F9	F9.904
Konig Crane	F11	F11.1102/4
Liebherr	F8	F8.804/807
Metalbo	F12	F12.1201/5
Monta-Rent	F9	F9.903/8
Officine Piccini	B3	B3.233
Potain	F11	F11.1105/1
Raimondi	F10N	F10.N1015/9
Saez	F13	F13.1306/2
Wilbert	F11	F11.1102/2
Wilffkran	F9	F9.905/3
Yongmao (Jin Long Europe)	F9N	F9.N925/1
Mini and Trailer cranes		
Böcker	F12	F12.1203/2
Imai	B3	B3.500
Kegiom	F5	F5.904/9
Maeda	F10	F10.1003/1
Paus	F5	F5.503
Unic	F11	F11.1102/15
Loader Cranes		
Amco Veba	F8N	F8.N826/2
Copma	F7N	F7.N714/3
Cormach	F8N	F8.N826/1
CTE	F11	F11.1103/3
Effer / Sol.Ge	F7N	F7.N718/3
Ferrari	F8N	F8.N826/6
Fassi	F8N	F8.N824/1
Hiab	B4	B4.217/318
HMF	F7N	F7.N714/7
Hvyva	B4	B4.129/230
Kennis	F8N	F8.N823/1
Marchesi	F8N	F8.N824/6
MKG	F8N	F8.N823/4
Next Hydraulics	B4	B4.101
Palfinger	F8N	F8.N822/3
Pesci	F7N	F7.N714/3
PIVA Group	F7N	F7.N715/2
Sposan	F10N	F10.N1015/4
Terex-Atlas	F7	F7.704/705
Tirre	F8N	F8.N815/3
Telehandlers		
Ahlmann	F7	F7.709/1
Bobcat	F9	F9.909
Case	F7	F7.707&708/2
Caterpillar	B6	B6.201
Dieci	F9	F9.907A
Genie	F7	F7.704/705
Faresin	F7N	F7.N713/4
Haulotte	F10	F10.1005/3
JCB	F7	F7.707/708/1
JLG	F10	F10.1002
Kramer	F6	F6.601/603/2
Liebherr	F8	F8.803-807
Manitou	F9	F9.908/1
Merlo	F9	F9.910A
New Holland	F4	F4.406
Pettibone	C4	C4.105/206
Pris-Mag	F9	F9.903/4
Sennebogen	F7	F7.706/1
Terex	F7	F7.704/705

Company	Hall/area	Stand No
Remote Controls		
Autec	F8	F8.808/3
Cattron Theimeg	C2	C2.126
Cavotec	C2	C2.326
Gross-Funk	F9	F9.911A/1
HBC-radiomatic	F7	F7.702/5
Hetronic	F10	F10.1007/1
Ikuisi	F8	F8.801/7
Imet	F8	F8.801/4
Itowa	F8	F8.801/1
NBB	A6	A6.340
Ravioli	A7	A7.111/210
Tele Radio	A4	A4.415
Transport trailers		
Broshuis	F8N	F8.N828/1
Cometto	F9N	F9.N923/1
Doll	F7N	F7.N715/6
Faymonville	F8N	F8.N826/5
Goldhofer	F8N	F8.N819/1
Humbauer	F8N	F8.N828/2
Nicolas	F8N	F8.N825/1
Nooteboom	F8N	F8.N823/1
Scheuerle	F8N	F8.N825/1
Schuler & Schlömmer	F6	F6.606
Engines		
Cummins	A4	A4.315
DaimlerChrysler	B4	B4.200
Deutz	A4	A4.317/516
Hatz	A4	A4.419/522
Iveco Motors-FPT	A4	A4.211/314
Lombardini	A4	A4.309
Perkins	A4	A4.117/312
Components		
Ala Officine	F11	F11.1102/6
Aros Hydraulik	A4	A4.527
Baude Kabeltechnik	F11	F11.1107/6
Bonfiglioli Riduttori	A4	A4.306
Bosch Rexroth	A4	A4.313
Bradon Winch	A4	A4.408
Bridon International	A6	A6.208
Brevini Winches	A4	A4.215
Bucher Hydraulics	A4	A4.318
Comer Industries	A4	A4.115
Dana Corporation	A4	A4.310
David Brown Hydraulics	A5	A5.418.3
Dinamic Oil	A4	A4.304
Dromos	A5	A5.111
Eaton	A3	A3.503/602
Eberspächer	A4	A4.339
Fuchs Lubritech	A5	A5.122
Gemmo	A6	A5.205
GKN	A5	A6.537
Greeneveld	F8N	F8.N821/3
Haldex Hydraulics	A4	A4.508
Hawe Hydraulic	A4	A4.214
Helac	A6	A6.505
Hi-Force	A5	A5.320.2
HKS Dreh-Antriebe	F9N	F9.N913/3
Hydac	A5	A5.427/528
Hydraforce Hydraulics	A4	A4.201
Igus	A6	A6.132
IMO	A4	A4.305
Johnson Matthey	A5	A5.099
Kleinoil Panolin	A4	A4.513
Knott	A4	A4.414
Panni Oleodinamica	A4	A4.121
Parker Hannefin	A5	A5.229/330
Pfeifer	A2	A2.316
Poclain Hydraulics	A5	A5.125/224
Nordhydraulic	A4	A4.217
RT-Filtertechnik	A4	A4.520
Saudem	A6	A6.104.2
Sauer Danfoss	A5	A5.325/430
SSAB Oxelösund	A6	A6.429
Thyssen Krupp Steel	A6	A6.437
Trojan Batteries	C2	C2.105/208
Verope	A7	A7.302
ZF	A4	A4.308
Tyres		
Bridgestone		



Vertikal

Eingang
Entrance



Eingang Freigelände Süd
Entrance open-air area south

Bauma must see

Of the 3,000 stands at Bauma some 250 are associated with cranes, access or telehandlers. Many of which feature new machines. Here is a short list of 'Must See' exhibits - new products that cannot be missed.

First stop for any crane buff must be the **Manitowoc stand**, to see the **Grove GTK1100**, it should be easy to spot, at 120 metres it is likely to be the tallest as well as the most unusual exhibit at the show. A self erector on steroids, this crane owes a little to the GCI crane of the 70's but is truly unique. The **Potain Igo T70** self erecting tower crane is a little more worldly but still incorporates new ideas which make it essential viewing.

The **Genie Z40/23NRJ** is the first lift with AC drive while the **GS3232** is the first 32ft, 820mm wide electric scissor lift. Don't miss the six tonne lift capacity **GTH6025R** 360 degree telehandler.

The **550 tonne Kobelco SL6000** - the first two have already been purchased by Weldex - is aimed at gaining Kobelco a bigger slice of the world crawler market.

Link-Belt's HTT8690 an 80 tonne capacity, four axle, four mode



be seen, but so does the all new 70 metre **S7XDT** it is one of a selection of big truck mounted platforms to see.

However it might soon lose its recently won crown to the new **Wumag WT1000** details of which will also be unveiled at the show.

Bison Palfinger says it is 'raising the bar' in the **3.5 tonne truck mounted lift** market with a 25 metre model. If the product is half as good as the hype it is worth a look.

Sennebogen will be showing a completely new mobile or crawler 643 offering 40 tonnes lift and 30 metres of boom as well as an updated 613.

If your into tower cranes, **Wolffkran** is unveiling a new luffing jib and two new L Class topless saddle jib - 180 and 224 tonne metre - models.

Jost, always good for something new and different, will have at least two of its topless luffers - the **JTL 68.4** and the **JTL 132.8**.

If fast delivery, good prices and strong performance are of interest, then the Chinese built **Yongmao, flat top tower cranes** will be a must-see.

You cannot miss the **Tadano-Faun** stand with six new cranes on show including its new flagship, the 360 tonne 360G-6 six axle All Terrain crane - essential viewing.

Niftylift has its biggest showing ever at Bauma and is promising new products in addition to its new heavy duty **HR18-4x4** and **HR12-4x4**

Unic cranes will have its new sector leading **URW706** mini/spider crane on display, fresh off the boat, the first unit is destined for City Lifting in the UK.

Holland Lift will unveil a new heavy duty **23 metre scissor lift** with 1,000kg lift capacity and 7.3 metre extended deck. Designed with the UK in mind this is definitely one not to miss.

Ooops we are running out of space: Don't miss the **SkyJack 45ft** telescopic boom lift, the **Leader JET 200** truck mounted lift or the new **Bobcat T2250** telehandler and.....

Sorry to those we missed ...Book for Bauma Now!

The Liebherr LTM1200



The Liebherr stand is the biggest of the whole show. Centre of attraction will be 'the most powerful telescopic crane in the world' - the nine axle, 100 metre boom **Liebherr LTM 11200-9.1**. If anything can dwarf it - it is the 1,350 tonne capacity **LR11350** crawler crane which can be rigged to 223 metres.

The **JLG 1230ES self propelled mast lift**, while a copy rather than a new concept, adds finesse to an already popular concept and could change the face of the small scissor market.

Terex is being very quiet so might yet surprise with something big? It will show its 60 tonne four axle **LT 1050** Chinese built truck crane which if priced right could start a small revolution in the crane hire market? Also its new 100 tonne four axle **AC100/4**.

steering brings AT manoeuvrability to a truck crane. Link-Belt is not the first to do this, but perhaps it is an idea whose time has come?

Dinolift has an all new trailer lift - details are scarce before the show but it's sure to have some innovative features and Dino is on a roll at the moment.

Haulotte will unveil its all new 'white paper' designed telehandlers. Two machines will be on show - the 17 metre HTL 40-17 and the 14 metre HTL 30-14 - both will be built at its new Spanish facility.

Snorkel will show the CE version of its recently announced **AB85RJ** self propelled, articulating boom. The 85RJ offers the first rotating offsettable jib in its class.

The **Bronto S101 HLA** currently the world's tallest platform has to



The Bronto S101HLA

The Grove GTK 1100



Compact Size, Powerful Performance

The new ultra-compact **JLG® Model 1230ES**, a self-propelled mast lift that weighs only 790 kg and provides up to 5.7 m working height. The 1230ES features the same energy saving 'direct electric' drive system, found on the popular JLG ES Series scissor lifts. This system provides up to three times the number of duty cycles compared to other models in its class. Comfortable to operate with fully proportional control for drive and lift, it also features a new hydraulic system that provides elevation to full height in only 12 seconds.

With its reduced weight, superb manoeuvrability, and compact dimensions - 0.76 m wide and stowed height of 1.66 m - the Model 1230ES provides a cost effective solution for use in confined or weight-restricted areas so you can go to work on raised floors, in high-rise buildings and in multi-storey warehouses. It is also light and compact enough to be transported in most construction or industrial elevators and it can be lifted by crane to elevated work areas.

In your efficiency-driven work environment - let the JLG Model 1230ES give you the Power to do More.

Ask for the **JLG Model 1230ES**, only from JLG.

Visit www.jlg.com.



TREBLE
**your
operation time**
HERE

WITH
fast elevation
TO FULL HEIGHT

AND MORE
**lightweight
manoeuvrability**
HERE

Ready for action



A Kobelco crawler crane at work in Japan

Demand for large lattice boomed cranes is probably at its highest for many years. Driven by the buoyant energy sector - traditionally oil and gas - sales are also benefiting from alternate energy sources, particularly wind power. Mark Darwin looks at the latest developments and applications.

Equipment preferences vary around the world - and cranes are no different. If you are one of those who cannot drive past a crane without at least glancing at it, a few days spent travelling around in Europe followed by the same exercise in the USA will highlight a massive difference.

In Europe, unless you are near a large wind farm or petrochemical facility, you will rarely see a lattice boom crane. On the other hand, in the USA there will be dozens of them - any road job with some form of elevated section will have three or four good sized lattice boom cranes including both crawlers and trucks.

But why such a massive disparity? Road regulations are certainly one explanation. Moving even modestly sized telescopic cranes in many states can require extensive disassembly or the use of multi axle trailing booms or both.

Lattice boomed cranes have of course been designed for stripping and once on site, offer better lift capacities. There are also a lot of older lattice cranes on the market in the USA. Many contractors, not to mention crane rental companies, continue to use and operate cranes that they purchased as long as 30 years ago.

The vanishing lattice truck crane

The crane rental industry in Europe tends to be more day to day which simply rules out all but the largest lattice boomed cranes, unless it is for longer contracts where crawlers are making a comeback. The lattice boomed truck mount has all but vanished in Europe. As far as we could ascertain the only lattice truck crane to be sold in the UK or Ireland in recent years has been the Terex TC2800-1

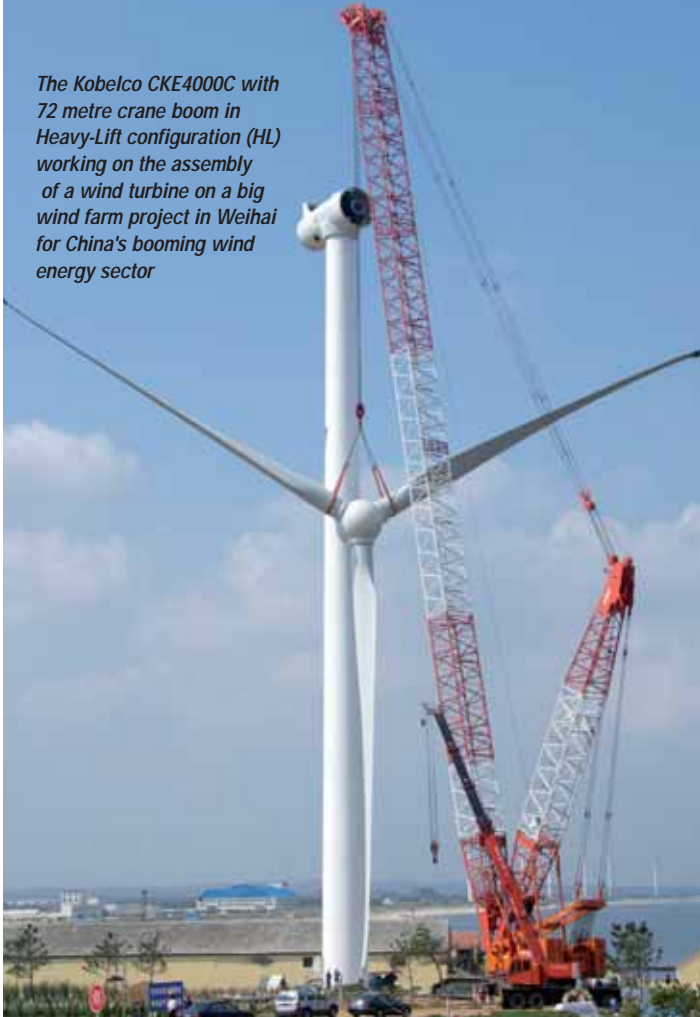
purchased by McNally Crane Hire in Ireland to replace its TC3300. For general crane hire the modern telescopic crane is more flexible, cheaper and faster to mobilise. There appears to be a limited market for the really heavy lifts in the UK, although two of the largest European companies that have developed a speciality in this area - Sarens of Belgium and Mammoet from the Netherlands, have subsidiaries in the UK. The top end of the market has become a very international business with the big cranes travelling round the world to carry out lifts.

The vast majority of lattice boom cranes are now crawlers, although at the top end of the market companies such as Mammoet has taken to commissioning and even designing their own modular ringer cranes some of which incorporate a tracked undercarriage. The main crane producers Demag, Liebherr and Manitowoc all offer large lattice cranes topped out by Demag's 1600 tonne capacity CC12600. The big three might not have the larger lattice market to themselves for much longer though as both Kobelco and more recently several domestic Chinese producers launch ever larger crawler cranes.

Kobelco adds to its range

Kobelco originally entered the crane business through a license agreement with P&H. The Japanese manufacturer learnt fast and began developing its own crawler cranes and now claims to be the world's largest supplier of lattice boom crawler cranes of 250 tonnes with a 40 percent market share. The company is intending to take a similar share of the larger crane market by adding new models such as the new 550 tonne SL6000 that it will launch at Bauma. The first two machines to be completed, one of which will be

The Kobelco CKE4000C with 72 metre crane boom in Heavy-Lift configuration (HL) working on the assembly of a wind turbine on a big wind farm project in Weihai for China's booming wind energy sector



on display at Bauma, have already been sold to UK based Weldex in full SHL specification with 84 metre main boom plus 84 metre luffing jib giving a 170 metre tip height.

The company is also offering 'custom build' options on existing machines such as the five metre retractable crawlers on its 250 tonne CKE2500-2 for traveling on narrow access roads for the assembly of wind turbines.

China wind

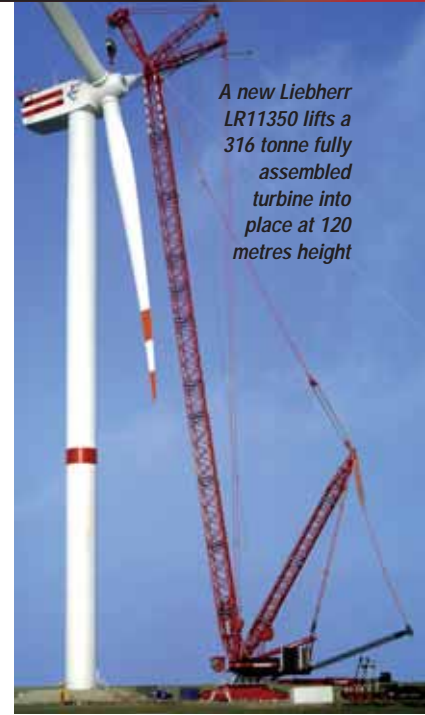
Kobelco's CKE4000C was specially developed for the Chinese market - a rapidly growing market for lattice cranes in the 300 to 800 tonne range. Applications include the

construction of power stations, bridges, shipbuilding, and wind farms. In spite of the seemingly rapid introduction of Chinese competitors, Kobelco's cranes are still proving popular with Chinese contractors. In truth the local producers - while having designed and built prototypes of cranes with up to 600 tonne capacity - are not yet ready to produce in any volume. Kobelco heavily promotes its easy transport and erection features such as the boom and jib nesting systems, counterweights designed to stow underneath boom sections and self-assembly systems that completely eliminate the need for an assistance crane.

New **c&a** big lattice cranes at Bauma

Liebherr is showing its latest big crawler crane, the 1,350 tonne capacity LR11350 at Bauma. The LR11350's 228 metre maximum boom and jib combination is achieved using a combination of 114 metre long main boom and luffing fly jib. When erected with a conventional A frame design, the unit can handle boom lengths of up to 102 metres. When equipped with a back mast/derrick boom it can extend this to 150 metres. The maximum 1,350 tonne lift capacity is achieved at a 12 metre radius on a 60 metre long main boom with 42 metre derrick boom and 600 tonne ballast trailer. A suspended ballast system is also available which can be operated via the derrick boom, either without a guiding device at a radius of up to 25 metres, while a guidance device increases the radius to 30 metres.

The unit has been designed to make transportation as easy as possible with no section of the LR 11350 exceeding the transport width of 3.5 metres or 45 tonnes. For crawler carriers to achieve this weight, the



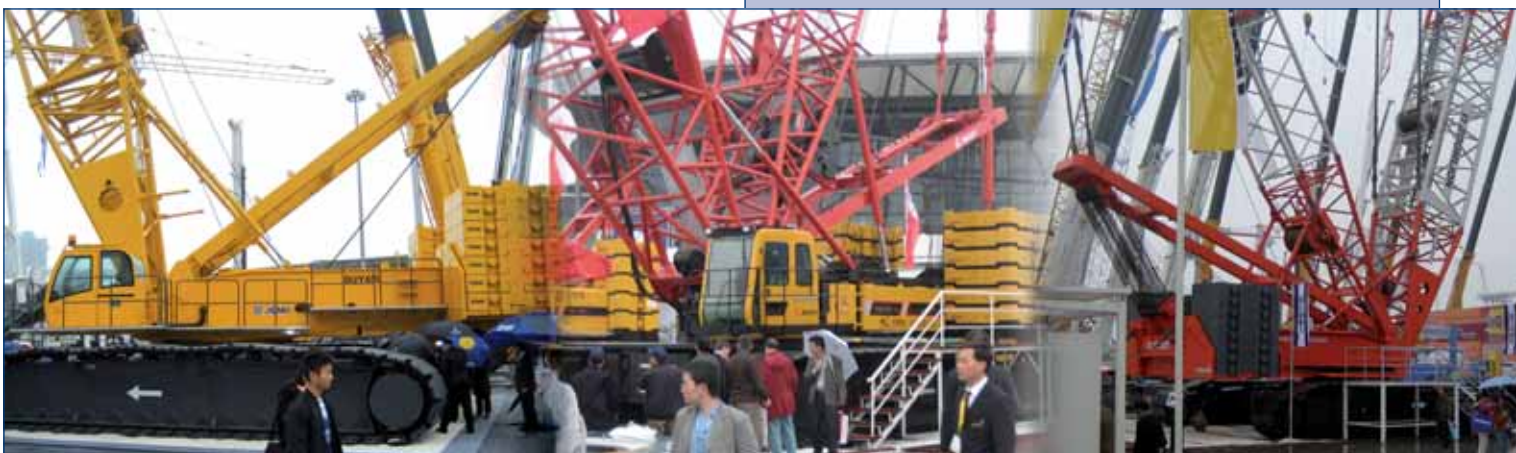
A new Liebherr LR11350 lifts a 316 tonne fully assembled turbine into place at 120 metres height

crawler chains are removed. This is, however, a less time consuming procedure than taking the crawler carriers apart.

Up to six winches can be used for installation and hoisting work. The main hook block for load capacities up to 1350 tonnes has a modular design, consisting of a hook and four roller blocks. This means that it can be used for a variety of applications in the double or single block formats.

The Chinese are coming

At Bauma China in November many visitors were surprised to see several big lattice cranes from local Chinese manufacturers that are also starting to export their smaller machines into Europe. Sany showed a 400 tonne capacity SCC4000 with up to 117 metres of main boom, while XMCG, better known for its small truck cranes displayed the 450 tonne unit with a 126 metre maximum main boom. The local effort though, was topped out by Zoom Lion's 600 tonne QUY600 which offers its maximum lift capacity at nine metres and boasts up to 138 metres of main boom.



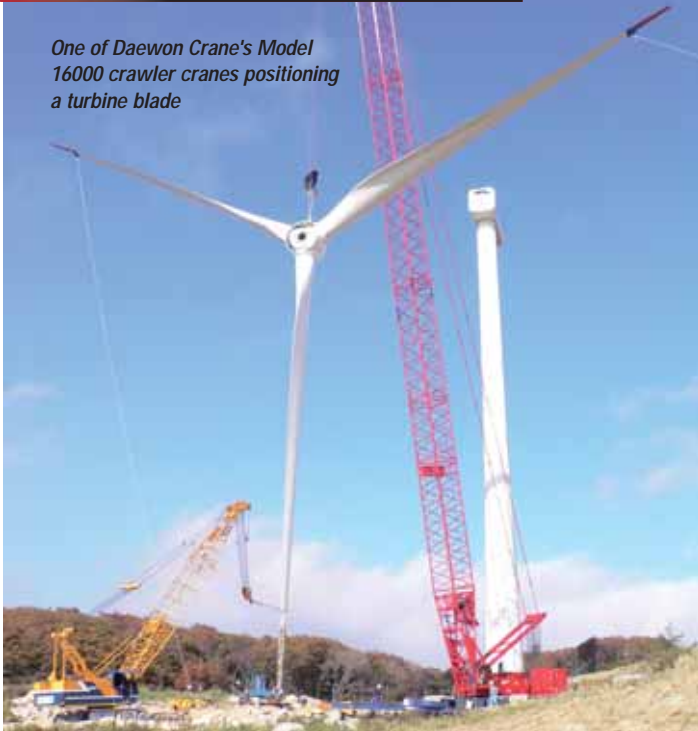
The XMCG450.

The Sany CC4000.

Topping them out the 600 tone Zoom Lion QUY600.

big lattice cranes C&a

One of Daewon Crane's Model 16000 crawler cranes positioning a turbine blade



Daewon prepared

The wind power business in South Korea is relatively small, but growing quickly particularly as the government plans to increase renewable energy use from two percent to nine percent by 2030. One company already prepared for the boom in wind farm developments is Daewon Crane, South Korea's largest crane rental company, which has three Manitowoc Model 16000 crawler cranes in its fleet.

Daewon is also the nation's leading wind turbine specialist and in the nine months to the end of last year installed 49 windmills, each with a capacity of 2MW. This year, Daewon will manage two major projects installing about 50 windmills.

"We have other crawler cranes in the 400 tonne class, but the Model 16000 is definitely the best for wind turbine erection," said Brent Woo, president of Daewon Crane. "The upper boom point with a 95 tonne capacity is its main feature and makes the Model 16000 the perfect tool for us with a typical lift of up to 85 tonnes at heights up to 90 metres."

The Model 16000 has a maximum main boom of 90 metres and 132 metres with luffing jib. The majority of the wind farms are situated in the mountainous region of South Korea. Daewon handles full installation of the turbines for clients such as Unison and Hyosung.

Daewon also has three 750 tonne Manitowoc Model 18000 cranes which it uses on a variety of projects. The company has close ties with Korean project management giants Hyundai Heavy Industries and Samsung and it hopes these business partnerships will help keep its big cranes busy.



Daewon Crane will erect 50 wind turbines in South Korea this year

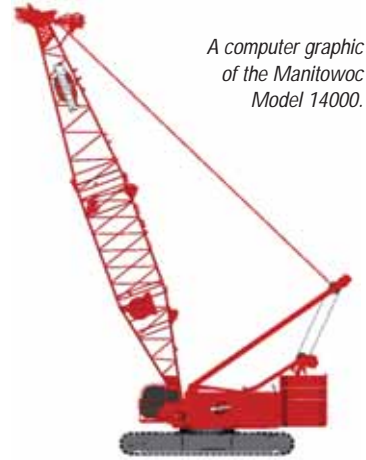
Similar but better

Manitowoc is also unveiling a new lattice boom crawler at Bauma, the Model 14000 and expects the new crane to mirror the success of its classic 4100W - one of Manitowoc's landmark cranes. Target markets include commercial construction, bridge building and tunneling as well as work in fabrication yards and petrochemical plants.

The Model 14000 has a lot in common with the Model 4100W as well as new features. The fully hydraulic crane has a 200 tonne lift capacity, 86 metre maximum boom and 113.8 metre luffing jib.

The Model 14000 features MCG's patented Can-Bus and EPIC control system which allows the control of

six independent closed-loop hydraulic circuits for optimum performance while lifting. The FACT connection system is also standard allowing easier erection and dismantling.



A computer graphic of the Manitowoc Model 14000.

Extreme conditions

One of the first Liebherr LR11350 crawler cranes past an early test when it survived a fierce storm just prior to erecting a pair of wind turbines near Cuxhaven on the German North Sea coast.

No sooner had the brand-new crane been assembled for the first time when gusts of wind of up to 130 km per hour swept over the site, swirling around the crane's 114 metre boom and 12 metre heavy duty jib.

Unscathed, work resumed and the crane was rigged with a 42 metre derrick boom/back mast, 30 tonnes of carbody ballast, 300 tonnes of superstructure counterweight and 198 tonnes of suspended ballast at a 25 metre radius.

The heaviest component involved lifting a 325 tonne load at 26 metres radius.

The crane's lift capacity allowed the five megawatt 20x6x6 metre wind turbine machine housing to be fully assembled on the ground. The total assembly weighed 316 tonnes, with rigging and cross-beam the total was 325 tonnes which the LR11350 placed at a height of 120 metres, allowing the heavy housing to be positioned in just one hour.

After erecting the first turbine, the crane had to relocate to the next site some 300 metres away. The 1,150 tonne crane travelled the 300 metres fully rigged, with its superstructure counterweight in place. Tracking its way steadily along the coast, the crane was ready for to carry out the second lift a day and a half later.

Liebherr's new LR11350 gives an under hook height of 223 metres making it ideal for wind turbine erection





TEREX®



The latest in crane technology presented at bauma 2007

- **Terex Demag AC 100/4** – the most powerful four-axle, 100 t crane – only 2.55 m wide.
- **Terex Bendini RC 60** – RT crane with new boom: 40 m, five segments.
- **Terex PPM TC 40 L** – three-axle truck crane with 40 t lifting capacity and 47 m tip height.

Plus additional innovations in all-terrain cranes, tower cranes and truck cranes.

moving forward

bauma 2007 • April 23 - 29
Booth F7, 704/705

www.terex.com

Tokyo at night

One of Japan's largest specialist contractors Uchimiya Transportation and Engineering Co. used two of its large fleet of Kobelco crawler cranes to install bridge beams on the new elevated 'Wangan Line' expressway in Tokyo.

The machines - a 750 tonne capacity model 7800 and an 800 tonne SL13000 (in super heavy lift configuration) - had to cope with difficult, windy conditions for the night-time lifts which involved the placement of complete 39 metre long pre-fabricated bridge sections each weighing up to 250 tonnes.

The lifts were made even more difficult by the confined space and limited tail-swing area in the congested urban location between the expressway and an open road. Uchimiya has some 28 Kobelco cranes, all large-capacity units, which are used on projects throughout Japan from power plant construction to bridge building.



Uchimiya had to cope with difficult conditions when placing 250 tonne bridge sections in Tokyo

Hub height world record

Record-breaking truck lattice boom Liebherr LG1750 stood almost 180 metres high to erect the turbine



A new world record was set at the end of last year near Cottbus in Germany, with the erection of a wind turbine with a 160 metre hub height. Measuring 205 metres high to the tip of the blade, the turbine was erected by Hanover-based crane company Nolte's eight axle Liebherr LG 1750 lattice boom truck crane rigged with almost 180 metres of boom and jib.

The crane erected the lower segments of the tower - weighing up to 100 tonnes each - using its 91 metre main boom. A 77 metre luffing jib was then fitted to place the upper tower components. The framework alone contained 350 tonnes of steel.

The turbine, with hooks and lifting tackle totalled 61 tonnes and was lifted at a radius of 35 metres. It took 15 minutes to hoist the 2.5 megawatt hub to its final 160 metre height.

In order to install the three 111 tonne blades the LG1750 luffing jib was extended by further seven metres to 84 metres. This was the first time this type of crane has been assembled in such a configuration of 174 metres hook height.

PTC IV for Mammoet

Netherlands based lifting specialist Mammoet is currently building its fourth PTC heavy lift lattice boomed heavy lift ringer crane at its yard in Schiedam, Rotterdam. As with its three previous PTC cranes, currently working in the Middle East and Canada, the PTC IV will be named after a member of the Dutch royal family, once it is completed the new crane will be christened Alexia joining Beatrix, Maxima and Amalia.

The detailed specification for Amalia has not yet been revealed, but it will have a double stacked boom, most likely with 200 metres of main boom and jib. The crane will be fully modular and transported in standard 20ft and 40ft shipping containers with features that allow fast set up with the minimum of reeving.

The company says that due to the use of the containers no special

transport is required to move the crane and that the number of trucks required are no more than for a crane half its size.

Mammoet also operates three MSG full ringer type modular cranes with capacities in excess of 3,000 tonnes. The first units, built in 1998 has a load moment of 75,242 tonne/metres. With up to 177 metres of boom and jib. As with the PTC cranes the MSG 50 and 80's feature a twin main booms structure with twin derrick booms.



The first lift for the MSG50 in Saudi Arabia



Mammoets PTCII - Maxima - at work in a Brazilian refinery

MAT & TIMBER SERVICES



CRANE MATS
OUTRIGGER MATS
TEMPORARY ACCESS ROADS
RAMPS

For all types of cranes under any application - Nationwide and Overseas



TEL: +44 (0) 1264 811005
FAX: +44 (0) 1264 810600

e-mail: info@sarumhardwood.co.uk web site: www.sarumhardwood.co.uk



A sign of power in your construction site

**SEE US AT BAUMA 2007
 STAND 1104/8, AREA F11
 WITH THE NEW
 CITY CRANE ATC 40**



GRIL 8600



GRIL 8125



GRIL 830



GRIL 8400



GRIL 8500



City Crane ATC 20

- Long life
- Reliability

- High quality
- Safe in operation

- Easy manoeuvrability
- Low maintenance costs

**Manufacture and Administrative Center: 24030 Mapello (BG) Italy - Via Lombardia, 32
 Tel +39 035 4945066 - Fax +39 035 4945549 www.locatelllicrane.com**

Engineer in charge

In early March Genie, the leading aerial lift producer, announced that it was appointing Matt Fearon, an engineer, to head up its European operation. Cranes&Access visited Genie's European headquarters in Grantham to speak with him.

Genie Industries announced in mid March that following the departure of Jim Otley, it was appointing its vice president of Washington operations, Matt Fearon, to the post of managing director and vice president of Genie Europe, with responsibilities for all Genie activities in Europe, including Russia, the Middle East and Africa. Fearon is the first non-European in this role, Otley - who was British - took over in late 2005 from Frenchman Jaques Catinot - the first person to hold the position.

The appointment is more far reaching than just a new man at the top. Fearon will report directly to Genie president Tim Ford, whereas Otley reported to Steve Matuschak Genie's senior director international operations. The fact that Fearon's expertise and experience to date is all engineering and manufacturing related is no accident and follows

Ford's statement at the ARA that Genie is planning to step up its international operations, aiming to expand exports to more than 40 percent of its total revenues this year while manufacturing its products closer to the customer.

Fearon, who joined Genie over 12 years ago, is a mechanical engineer by education. He grew up in Ohio but his first job was in Connecticut with aero engine Pratt & Whitney where he was a manufacturing engineer. He then moved to Salt Lake City, joining Hercules Aerospace of Utah. "They were all products where if something broke the product blew up!" he quips. 12 years ago he was approached by Ron Barnhart who persuaded him to join Genie's design engineering team and move to the company's headquarters in Redmond near Seattle.

His first project at Genie was to develop the Z30/20N narrow aisle articulating boom lift. During his nine years in Genie's engineering group Fearon visited Europe relatively frequently in order to provide technical training and discuss design and regulatory issues with staff and customers.

Three years ago he was promoted to the post of vice president of operations for Genie's Washington region, effectively making him responsible for the manufacturing and engineering of most of Genie's aerial lifts. During this time he has been heavily involved with Genie's implementation of the Toyota Production System and continuous improvement.

This latest career development will give him general management and international exposure as he takes



responsibility for a \$600 million pan-European business. A business which while doing well faces a number of challenges. These include the incorporation of the Terex's Italian telehandler business into the Genie Europe fold; the production of the company's first aerial lifts outside of Washington state; and the opening of a second European production site to produce other Genie models including scissor lifts.

With so many exhibitions and events taking place over the next few months he says that he is not planning on relocating his wife and three children - two daughters and a son all 13 and under - until August. Fearon is tight lipped about where he will base himself, saying that given the geographic spread of the

European business there are a number of choices. The proximity of a decent airport will of course be one of the criteria.

In the meantime he says that he will spend his time visiting each of the company's locations and listening to what Genie Europe team members have to say and what they think needs to be improved or changed in order to help grow the business. When asked, he confirms that he has no sales and distribution experience, at least not yet and he is full of praise for the European sales and service team and suggests that they do not require close supervision.

"It helps that we have a very flat organisation structure and that people are entrusted to get on with the job and they usually know exactly what to do to get the best results," he says.

Fearon told Cranes&Access that Genie Europe is likely to undergo profound changes over the next few years as it moves from being a pure distribution and support operation to an international manufacturing, distribution and support business. "This involves a lot more than just building a few machines," he says. "The infrastructure that is required is quite different and includes everything from order processing to developing a supply chain with local suppliers which will then have an impact on the way the after-market parts business runs and so on. Our overall aim is to compress the time from the receipt of an order to delivery of the finished product."

"A major asset in going through such a transformation is that Genie people have a tremendous willingness to accept change, the 'that's how we've always done it' mindset simply does not exist here," he adds.

Production of the Z45 and 51 models of self propelled articulating booms begins shortly at the company's telehandler plant in Italy and Fearon confirms that further products will be soon be built in Europe. One option for scissor lift production is the Terex light equipment plant in Coventry. But he stresses that no decision has yet been taken.

When asked how long he was planning to remain in Europe he confirmed that the appointment is open ended but said that it will be for at least three years. "Anything less doesn't work," he said, "it can take a year just to settle in and then you need two years at the very least after that."





HOLLAND LIFT

Two new lifts at the Bauma ...

NEW



The New N-265 will fit into smaller spaces and get you higher. Only 1.30 metres wide with a working height of 28 metres.

The New T-210 with 4WD is very powerful and will get you up to 23 meters. It's capacity: 1,000 kgs.

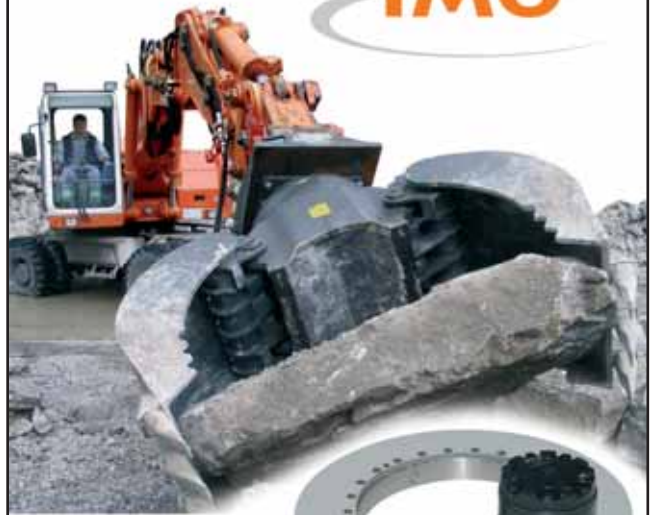
Holland Lift at the Bauma - stand F1201 in the outdoor area



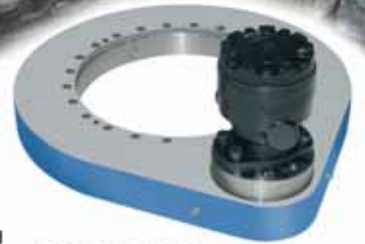
Holland Lift International B.V.
Tel: +31 (0) 229 285555
Fax: +31 (0) 229 285550
E-mail: info@hollandlift.com

www.hollandlift.com

IMO



Simply perfect:



Slew Drives

- Totally enclosed
- Extends service life
- Decreases lube degradation
- Sleek, clean appearance
- Reduces maintenance and service expenses
- Space saving low profile
- Complete line of standard sizes
- Off-the-shelf availability
- Smooth operation, reduced backlash
- Easy to install and maintain
- Uniquely suited for manlifts, boom and basket operations



Large Diameter Slewing Rings

- Used with cranes, work platforms, pile driving, tunnelling and mining equipment
- Ball or roller slewing rings available
- Diameters up to 5200 mm / 205 in



Meet us at the



22. - 29. 04. 07
Hall A 4, Booth 305

IMO Antriebseinheit GmbH
Gewerbepark 16
91350 Gremsdorf, Germany
Tel. +49 9193 50818-0
Fax +49 9193 50818-45
E-mail slew.drives@goimo.com

www.goimo.com

Innovative Solutions for Industrial Moving



Lifting Capacities from 2 to 100 ton, available in DC powered, LPG & Diesel.

Valla Cranes Supply Worldwide
call +44 (0) 1482 351 546

sales@valla-cranes.co.uk
www.valla.com

Valla

Safety pays

Every month we receive numerous examples of the massive cost of cutting corners, whether it be with make do access equipment, avoiding the cost of proper training or just plain sloppiness and lack of planning. The real costs in these cases cannot be measured in money terms; it is the number of lives that are destroyed in what is almost always an easily avoidable accident.

Electrocution avoidable

Guy Leasing Ltd of Kensington Road, Southport was fined £8,000 while self employed James Walsh of Aspen Close, Shevington Park, Kirkby was fined £4,000, following the death of 48 year old Robert Davies. The two were also ordered to pay £5,245 in costs. Davies was employed by Guy Leasing and worked alone repairing and refurbishing portable cabins at Guys Industrial Estate in Burscough, Lancashire. On the 19th August 2005 a cabin that had been sold was being collected from the site by James Walsh.

Walsh had already lifted the cabin onto his truck using its articulated loader crane and was in the process of stowing the crane when it came into contact with an overhead high voltage cable. Davies was stowing

an aluminium ladder on the truck as the crane boom touched the cable, electrocuting him.

HSE inspector Michael Clarke, who investigated the incident, said: "Operators of vehicle mounted cranes must not take chances when required to work near overhead high voltage cables. They must make sure that the cables are not live or where that is not possible take extra precautions to prevent contact with them. Furthermore, occupiers of sites with overhead electricity cables must take appropriate measures to control lifting activities and prevent inadvertent contact with them. The tragic death of Mr Davies was avoidable." Guy Leasing and James Walsh had pleaded guilty to three criminal charges brought by the HSE.



Davies died while stowing the ladder as Walsh stowed the crane having failed to spot the overhead power lines

A recipe for disaster

Bradgate Containers Ltd of Leicester Road, Shepshed, was hit with £11,600 of fines, compensation and costs for contravening the work at height rules after an employee fell off a ladder late last year.

Welder Richard Brooks, 59, sustained severe head injuries when he landed on the concrete yard surface on 18 September 2006. His fall involved an unsecured aluminium ladder, which was being used as a working place for welding during the building of large shipping containers for generators and other equipment. Roger Amery, HSE Inspector, who prosecuted said:

"These injuries could so easily have been avoided. Health and safety law is not about doing unnecessary stuff; it is about being wise before the event and prioritising risk control effort on the issues that really matter. This is a good firm and an important local manufacturer, but they just didn't have their eye on the ball. The sad consequence was damage to Mr Brooks' brain, a period of great distress for his family and an upsetting time for his workmates at Bradgates; along with harm to this company's reputation. The accident was typical of the type of preventable falls which remain all too common. Had there been a proper plan for this manufacturing work and had good access equipment been in place then this accident would not have happened. An unsecured aluminium ladder resting on a metal edge is a recipe for disaster. Employers and employees must work together in order to stamp out this sort of thing."



The HSE has been holding a number of safety days around the country for farmers focusing on safe work at height. The days have included demonstrations, using dummies, on the dangers of using telehandlers as makeshift work platforms.



Wedewood fall costs £108,000

Hough Engineering Ltd of Silverdale, Newcastle under Lyme, was fined £20,000 with costs of £10,000 in March following an accident in 2003. The accident resulted in employee Andrew Cotton falling more than six metres through a fragile skylight sustaining serious injuries including multiple fractures. Josiah Wedgwood and Sons Ltd was also prosecuted and fined £60,000 and costs of £17,837 for contracting Hough Engineering to undertake work to a warehouse and then failing to control the contractor at the remote site.

The HSE said: "Falls from height usually occur as a result of poor management control rather than equipment failure. On this occasion the roof repair activity was allowed to commence without the provision of any precautions, such as using safety nets or platforms, which would have prevented the fall."

Tragic accident

Builder Michael Tony Mortimer of Merry Lees, Thornton near Coalville was fined £50,000 with costs of £43,881 in March after a scaffold tower fell over at a home extension in Cossington on 11th April 2003, killing Daniel Leighton, 30, a bricklayer from North Leicester.

Leicestershire HSE principal inspector Steve Spence said: "This was a tragic accident which killed a young man. It was entirely preventable had the scaffold tower been properly set up and maintained. Every year people working at height lose their lives or suffer serious injury and firms need to exercise sufficient control to prevent this sort of thing happening - including carrying out a proper risk assessment."

Mortimer had already pleaded guilty to, and was sentenced for, contravening the Health and Safety at Work Act - the incident predated the work at height act.



dinamic oil

**YOUR PARTNER FOR
PLANETARY GEARBOXES
AND WINCHES**



**PAD.A4
STAND 304**



41030 BOMPORTO (MO) ITALY
VIA TOGLIATTI, 15
TEL.0039.059.81.26.11
FAX ITALY 0039.059.81.26.00
FAX EXPORT 0039.059.81.26.01
E-MAIL: DINAMICOIL@DINAMICOIL.IT
WEB SITE: WWW.DINAMICOIL.COM



ALLMI accredited Lorry Loader Operator Training Providers

Nationwide

T H WHITE

Contact: David Ottaway 01380 722381

Email: cranes@thwhite.co.uk

www.thwhite.co.uk

Nursteed Road Devizes

Wilts SN10 3EA



Ireland



Church Road, Tullamore, Co. Offaly, Ireland

Tel: 086 2500 825 Mobile: 086 1042 787

Nationwide



Wharfedale Road, Euro Way Ind. Est. Bradford. BD4 6SL

Tel: 0870 017 0606

Web: www.atlascranes.co.uk

Nationwide



Hiab Ltd

Cargotec Industrial Park, Ellesmere, Shropshire, SY12 9JW

Tel: 01691 626427 Fax: 01691 626472

e-mail: training.uk@hiab.com • Web: www.hiab.co.uk

Are your Lorry Loader Operators properly trained? Call a certified ALLMI training provider and insist on the ALLMI card.

The training accreditation service of Lorry Loader Manufacturers and Importers

ALLMI Second Floor Suite, 9 Avon Reach, Monkton Hill, Chippenham, Wiltshire. SN15 1EE

TEL: 01249 659150 email: enquiries@allmi.com web: www.allmi.com

Instructor Training

The importance of good quality operator training is widely accepted today, and when it comes to loader cranes the ALLMI training programme is well recognised throughout the industry. However, the content of the training programme is only one aspect of good training. The knowledge and ability of the person delivering the training is also a major factor.

All too often problems with operators can be traced back to the poor level of training they have received, through the lack of ability and knowledge of the person delivering the information. ALLMI recognises that if the highest standards of operation, efficiency and safety are to be achieved by operators of lorry loaders, the need for the setting of high standards in relation to the training of instructors is paramount. As ALLMI accreditation becomes increasingly sought after we take a look at the process that instructors must undergo in order to achieve ALLMI accreditation.

Qualifications/Experience

If you're a fleet owner the next time your operators are being trained, ask the instructor what qualifies him/her to be in that position. Are they qualified in terms of the necessary teaching skills that facilitate the effective communication of the course content? Do they have a recognised qualification as an operator, and if so, is that supported with 'real world' experience.



ALLMI insists that all instructors are qualified and experienced operators and slinger/signallers, in addition to holding a recognised instructional techniques qualification.

Instructor Course

Once the above qualifications and experience have been established, the instructor can then attend the ALLMI Instructors Course. This is the only course of its kind in the UK put together by the manufacturers of the equipment, in conjunction with leading training companies and the HSE.

Instructors are taken through the numerous course modules that they will be required to deliver to operators, e.g. legislation, hydraulics, pre-operational checks, maintenance, loader crane attachments, documentation, siting and setting up the crane, correct operation and of course, correct stowing procedures.

In addition to this, instructors are put through a series of assessments to establish their skills and knowledge in the following areas:

- Legislation*
- Training & Technical Standards*
- Instructional Techniques*
- Operating Skills and Knowledge*
- Presenting Practical Lessons*
- Administering Examinations*
- Report Writing*

With a minimum score of 90 percent required in the majority of these assessments, the course clearly puts the instructors through their paces.

ALLMI general manager, Tom Wakefield, says: "the course content and assessments are very demanding, but the quality of tuition is first class and so candidates are well prepared for the final examinations."

Tony Betts of Mobile Freezer Rentals recently attended an ALLMI Instructor course: "I've been involved with lorry loaders for many years



C&a

ALLMI focus

and although I considered myself to be very knowledgeable in this area, attending the ALLMI course has increased my level of understanding and has also taken my teaching skills and adapted them perfectly towards delivering lorry loader training." However, what happens after the course has been completed? Quality training will only remain at a high standard if ongoing updates and support is provided. Annual monitoring and feedback takes place for all instructors. ALLMI also provides a direct contact with each of the major loader crane manufacturers in order for up to date product information to be obtained. In addition, a range of training aids is provided which further helps with the quality of the course delivery, as well as a password protected area of the ALLMI website which allows information to be downloaded by instructors.

Slinger/Signaller Update

In October ALLMI launched its new Slinger/Signaller training course. Six months on, Wakefield says that the take-up rate of accreditation for the category amongst ALLMI instructors has been impressive and he expects this trend to continue throughout 2007. "Clearly in many cases the course has been delivered back to back with ALLMI lorry loader training, but the content is so comprehensive that the skills learned on the course can be applied to slinging and signalling practices with any type of lifting equipment and so it appealed to a wide range of end users," he says.

The ALLMI Slinger/Signaller course modules include: Legislation, Pre & Post Operational Checks, Planning the Lift, Use of Lifting Accessories, Storage and Maintenance, Signaller

Duties and Signals and much more. The course culminates in both written and practical assessments for every candidate.



Examination Training

Following extensive work by ALLMI's Technical and Training Committees, the ALLMI 'Thorough Examination and Load Test' training programme is due to be released this year, with the first course on May 2nd and 3rd. The training scheme, which will only be available to ALLMI members, will include instruction on all issues surrounding Thorough Examinations and Load Tests for lorry loaders, such as, legislation, risk assessments, visual inspections, function checks, overload tests, stability tests and dynamic tests.

A full review of this course, will be included in the next edition of Cranes&Access.

Are your staff properly trained?

Don't risk it call a certified local company today

National



Tel: 08707 871511
Email: training@afi-uplift.co.uk
www.afi-uplift.co.uk

North East



Hull
Tel: 01482 227333 • Fax: 01482 587710
Email: enquiries@peter-hird.co.uk
www.peter-hird.co.uk

National



Tel: 08700 771709
Email: training@heightmaster.uk.com
www.heightmaster.uk.com

National



Tel: 0845 601 1032 • Fax: 0116 286 9038
Email: training@nationwideaccess.co.uk
www.nationwideaccess.co.uk

England & Wales



Tel: 01793 766744
Email: training@hi-reach.co.uk
www.hi-reach.co.uk

Ireland



HIRE SALES TRAINING
Dublin: +353 01 459 46 46
Cork: +353 021 488 66 46
Limerick: +353 061 30 46 46
Galway: +353 091 50 46 46
Email: training@skylift.ie • www.skylift.ie

National



Tel: +44 (0) 1291 421155 • Fax: +44 (0) 1291 423236
Mike Fenn Mobile: +44 (0) 7980 764021
Email: training@accessplatforms.com
www.accessplatforms.com

National



Tel: +44 (0) 1480 891251 • Fax: +44 (0) 1480 891162
Email: sales@accessplatforms.co.uk
www.accessplatforms.co.uk

Scotland



Tel: 0845 27 ACTIVE(228483) • Fax: 01698 281 735
Email: andrewmccusker@activesafetytraining.co.uk
www.activerentals.co.uk

National



Freephone: 0800 0 28 18 00
Unit 22/23, Progress Business Park, Whittle Parkway,
Slough, Berkshire. SL1 6DQ.
www.platformcompany.co.uk

National



Tel: 01623 750 500 • Fax: 01623 750 400
Email: training@central-access.co.uk
www.central-access.co.uk

National



ACCESS SAFETY TRAINING COURSES
AVAILABLE NATIONWIDE

☎ 0845 600 8573 Web: www.aplant.com
E-mail: acesstrainingcentre@aplant.com



All training centres above offer IPAF approved and audited courses for Operators of Mobile aerial work platforms, European directives require that all staff are fully and adequately trained in the safe use of the equipment they operate.

See www.ipaf.org for full listing

Hook on to training

With more and more emphasis on safety in the construction industry and a direct link between safety and training, it is perhaps surprising that there is not an industry/government recognised training programme for system/modular scaffold. Scaffold company Haki has just doubled the capacity at its dedicated training centre in Tamworth. Mark Darwin investigates.

The scaffolding industry is suffering like many others, unable to recruit enough youngsters into the physically demanding industry. The result is the average age of a scaffolder is now 42 - it used to be 19. Modular scaffold has benefited from this labour shortage as well as from increased pressure to compete contracts ever more quickly and the tightening Working at Height legislation forcing companies to find the safest solution.

With this in mind, the UK division of Swedish scaffold company Haki (which means 'hook on' in Swedish) has increased the training aspect of its product support both for its modular scaffold and its range of Geda hoists and lifts.

From its impressive new training facilities near its head office in Tamworth, Staffordshire, Haki offers

training for scaffolders, managers and supervisors on all of its scaffold related products. The company has also produced user guides for the safe erection of its universal independent scaffold, stair tower and loading tower system. It has offered training on scaffolds and hoists for several years but the investment in this new facility will almost double the total number of scaffolding certificates it issues to 500. In fact, 105 scaffolders have already been trained up to the end of February, so this figure could well be higher. Hoist training should reach 100.

Haki has two full time staff for training and site support, dividing their time between in-house and on-site training. According to managing director Paul Brunt, the objective is to raise the competency levels of all personnel within the



The Haki modular system maintains safety by enabling handrails to be erected at first lift level before the steel boards are in place



The electric winch allows several items to be lifted safely at the same time.

Haki Group. This has started with a recently opened 'centre of excellence' which occupies the site of the original building at Haki headquarters in Sibbult, Sweden.

However, as well as training, the company has focussed on products that reduce the potential for accidents - designs with fewer, lighter components, with erection procedures that eliminate potential safety hazards. Haki's latest introduction is the loading tower system which allows safe loading of materials such as bricks and mortar. The 'automatic locking when closed' design ensures that the gate cannot be opened by a forklift and that the

operator is always behind the closed off platform. The unit has a large five square metre area and can cope with an impact load by a crane or telehandler. The design also prevents overloading.

The problem of accidents resulting from badly loaded materials, particularly scaffolding, in hoists resulted in representatives from the CPA hoist interest group, the National Access and Scaffold Confederation (NASC), the HSE and members of the construction industry working together to create the guidance document 'Transporting Scaffolding in Construction Hoists - Best Practice Guide'.

National



Tel: 0845 06 11 999 Fax: 01582 842590

Email: simon@panther.uk.com

www.platform-rentals.co.uk

Scotland

OUTREACH

Tel: 01324 889000 Fax: 01324 888901

e-mail: mailbox@outreachltd.co.uk

Web: www.outreachltd.co.uk

All training centres above offer IPAF approved and audited courses for Operators of Mobile aerial work platforms. European directives require that all staff are fully and adequately trained in the safe use of the equipment they operate.

See www.ipaf.org for full listing

The boom is definitely back.

See us at
**bauma
2007**

Stand No. F11. 1101/2

NEVER THINK SMALL.

Snorkel doesn't claim to be the industry giant. But if you want aerial equipment big in capabilities, big in quality and big in value, Snorkel more than measures up.

From spec'ing your equipment to building it, we take the time to do things right. So you get a better-made lift that operates easily, works hard and lasts long. A lift customized with everything you need and nothing you don't.

You also get the assurance of Snorkel's on-time delivery - a standard of service in which we lead the industry.*

For all your aerial jobs, go ahead and think big. Snorkel can handle it.

*Details on request.

Snorkel

IPAF Safety Zone at Bauma

c&a

IPAF focus



IPAF's massive Safety Zone at Bauma (Outdoor Area F10, Stand N1014/9) is one of the largest displays at the show and will focus on how to choose the right equipment and how to use harnesses correctly.

With more than 1,700 square metres the IPAF Safety Zone features 25 pieces of equipment from leading manufacturers. Trained and qualified personnel will demonstrate emergency escape from one of the largest vehicle-mounted platforms through abseiling. There will also be live demonstrations of the dangers of soft ground conditions for machines with outriggers.

"The abseiling is very dramatic and illustrates important safety principles," said Reinhard Willenbrock of IPAF

Deutschland. "Always do a job-specific risk assessment prior to commencing any work at height. Select the appropriate equipment and ensure that all operators are properly trained."

Bauma will also see the launch of a worldwide version of the UK's Clunk Click campaign to encourage all users of boom type platforms to wear a full body harness with a short restraint lanyard attached to a suitable anchor point. The campaign started as a grassroots initiative by the UK Powered

Access Interest Group (PAIG), a joint committee of the Construction Plant-hire Association and IPAF. Thousands of Clunk Click posters and stickers have been printed to spread the message. Different versions of Clunk Click will be launched, including the German 'Click Clack', the Italian 'Clic Clac' and the North American 'Click It'.

During bauma, IPAF is hosting a series of short workshops on three topics: The correct use of harnesses, training and typical accidents. The workshops will be given in English and German. Vouchers entitling platform operators to reduced price courses at participating training centres in Germany will also be distributed at the IPAF stand. Visitors to the stand who show a PAL Card will be rewarded with a goody bag filled with varying items including clothing and gifts from IPAF members.

Demonstrations

Demonstrations of abseiling and correct harness use will be held daily from Monday 23 April to Sunday 29 April at these times: 10.00, 12.00, 14.00, 16.00. Demonstrations of the

dangerous effect of soft ground conditions on outriggers will be held daily from Monday 23 April to Sunday 29 April at these times: 10.30, 12.30, 14.30, 16.30.

Working with the ERA

IPAF hosted a meeting of the European Rental Association (ERA) Statistics Committee in mid March at its Swiss office. The Statistics Committee is charged with the task of establishing the size of the market for rental equipment and is chaired by IPAF managing director Tim Whiteman.

As a founding member, IPAF is participating in the ERA Convention from 5 to 6 June 2007 in Berlin. IPAF has representatives on four other ERA Committees and Sub-Groups: Norms & Safety (Gil Male), Promotion (Gerhard Hillebrand), General Rental Conditions (Giles Councill) and Training (Rupert Douglas-Jones). This active involvement is part of IPAF's aim to ensure that the voice of the access industry is heard.

Members reap benefits of insurance service

IPAF members have, in many cases, reduced costs and increased their cover after following advice provided by Henderson Insurance Brokers to assist in their commercial insurance requirements. Euro Towers in Leicester is one member who has profited from the service. Managing director Roger Verallo said: "Henderson's listened to what I had to say, then provided me

with improved cover and a more cost effective option than my existing arrangements."

The arrangement provides IPAF members with market leading cover at reduced premiums, backed with a service team that understands the platform industry and the associated risks. More information at www.ipaf.org/insurance.pdf

Access Summit

The IPAF AGM and Access Summit at Whittlebury Hall was held on 27 March, at the time this magazine went to press. Visit www.ipaf.org for the full report and speaker presentations.

PDS date

The next IPAF Professional Development Seminar (PDS) for instructors will be held on 19 September 2007 at the Haydock Racecourse, Horseshoe Suite, off Junction 23 of the M6, between Liverpool and Manchester. PDS events for German and Spanish language instructors were held earlier this year in Zurich, Frankfurt and Madrid.

Europlatform

IPAF is co-organising a one-day pan-European conference on 11 September 2007 in Basel, Switzerland, aimed at managers and owners of access rental companies. The conference will be held at the Ramada Plaza Basel. For full programme and events details, see www.europlatform.info

See us at SED

IPAF is hosting seminars on the Clunk Click campaign at 12 pm each day at the SED Business Centre in the Rockingham building. There will also be a live display on the correct use of harnesses and experts will be on hand with information on harness use and PAL Card training. Visit us in the Cranes & Access Zone, Avenue E, Stand 800.

PAL Card renewals

As a further service from IPAF, all approved training centres automatically receive lists of people due for retraining and whose PAL Cards (Powered Access Licences) are about to expire. A PAL Card is valid for five years. Training centres can then contact their customers in good time for renewals.

Those who are not receiving these lists should advise Eleanor Morrison (eleanor.morrison@ipaf.org)



IPAF, Bridge End Business Park, Milnthorpe, LA7 7RH, UK
Tel: 015395 62444
Fax: 015395 64686
www.ipaf.org
info@ipaf.org
Offices in France, Germany, Italy, the Netherlands, Spain, Switzerland and the USA.





The world's smallest scissor lift



www.popupproducts.co.uk

- No need for ladders or steps
- Ideal for indoor & low level use
- Safe and simple
- 8 seconds to reach full height
- 1.63m platform height gives 3.63m average working height
- 240kgs working load
- No formal training needed
- Battery powered with universal charger

To arrange an on-site demo call +44 (0)1244 833 111 or e-mail sales@popupproducts.co.uk



The Best Aluminium Tower Systems in the Industry.....

The **UpRight International** range of Access Tower Systems includes Span 300, Span 400, Span 500 Ladder Frame, Spandek, System F Facade, Snapout (Boiler Maintenance), Stairway, Aviation and Specials.

UpRight International lightweight towers are designed for fast easy assembly without tools which offers a versatile, low maintenance solution to constructing everything from simple freestanding towers to more complex staging systems.

Whichever tower system you choose, you can be confident that it will perform to the highest standards and guaranteed durability even in the toughest of environments.

UpRight
INTERNATIONAL

UK: Tel: + 44 (0) 1952 685200 Fax: + 44 (0) 1952 685255
Ireland: Tel: + 353 1 620 9300 Fax: + 353 1 620 9301



- range of innovative solutions
- quality assured
- customised branding
- cost effective

DEALERS WANTED



visit our NEW website

www.uprighteuro.com

Mark your diary! AGM and Professional Development Seminar

This dual event running alongside the Safety and Health Expo at the NEC represents a unique opportunity for PASMA members to hear about the association's achievements over the last year and, afterwards, to catch up on the latest issues affecting towers and work at height in general:

Date: Thursday, 24 May 2007
Venue: Hilton Birmingham Metropole, NEC
Room: The Terrace
AGM: 9.30 a.m.

The Seminar will follow immediately after the AGM at 10.30 a.m. with registration from 10.00 a.m. Current PASMA chairman, Brian Houston, speaking of the planned events said: "There have never been so many reasons to attend a PASMA AGM and, whilst the seminar will be of interest to anyone involved in tower use, it is especially relevant for PASMA instructors and I would urge them to make a point of attending."

The programme and speakers are:

1030	Keynote speech	Paul Gallacher, PASMA chairman elect
1040	Falls from height - are we making a difference?	Justine Lee, Health & Safety Executive
1120	Product Standard Certification - separating the wheat from the chaff	Colin Bywater, BSI Product Testing
1200	Lunch	
1230	PASMA Instructor Training - how PASMA is raising the bar	Mick Aston, lead instructor
1300	The Audit Process - a positive perspective on a negative perception	Paul deChastelain, Southern regional auditor
1330	Manufacturers' Viewpoint - if we didn't make it you couldn't break it	Paul Pritchard, chairman manufacturers' Technical Committee
1400	Training Centre Software - training administration made easy	David Frost, Soter Solutions
1430	Closing remarks - where are we now and where are we going?	Andy Weaver, Training committee chairman Elect

There are three optional delegate packages available which include overnight accommodation, coach transfers to / from the NEC and admission to the Access Industry Forum Conference on Wednesday, 23 May. For more details of these packages and to book online visit our website www.pasma.co.uk.

New PASMA members

Fast Fix Scaffolding Ltd, Surrey
[Training Member]

John Laing Training Ltd, London
[Training Member]

Kingscote Ltd t/a Webbs Training,
Milton Keynes [Hirer/Dealer &
Training Member]

Lauder College, Fife
[Training Member]

Newcastle College, Newcastle-
Upon-Tyne [Training Member]

Stage Electrics Partnership Ltd,
Bristol [Training Member]

Simian Risk Management Ltd,
Warrington [Associate]

Portakabin (Scottish Division),
Blantyre [Associate]

Safelift Training Ltd, Bonnybridge
[Associate]

Lifterz Safety Services, Wakefield
[Associate]

NG Bailey Ltd, Leeds [Associate]

Access Brands Ltd, Leeds
[Associate]

Towers & Sanders Ltd, London
[Manufacturing Member]

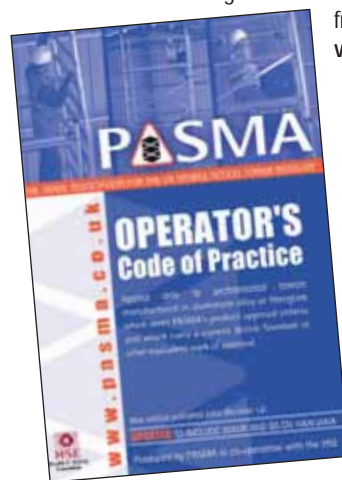


Tower Power

Routine repairs using a typical tower. Picture by courtesy of Youngman Group.

www.pasma.co.uk

The association has invested heavily in its website which is now the natural focus and authority on all matters relating to mobile access towers. It has knowledge and information to impart at a level to suit every visitor. Contents include guidance on best practice, tower training and frequently asked questions [FAQ].
www.pasma.co.uk



Ground rules

Recently reviewed and updated, the latest PASMA Code of Practice contains a wealth of information relating to the safe use of mobile access towers. Produced in co-operation with HSE, it is the definitive guide to best practice for users of prefabricated towers manufactured in aluminium alloy or fibreglass to BS EN 1004 : 2004.

Do-Not-Miss-This



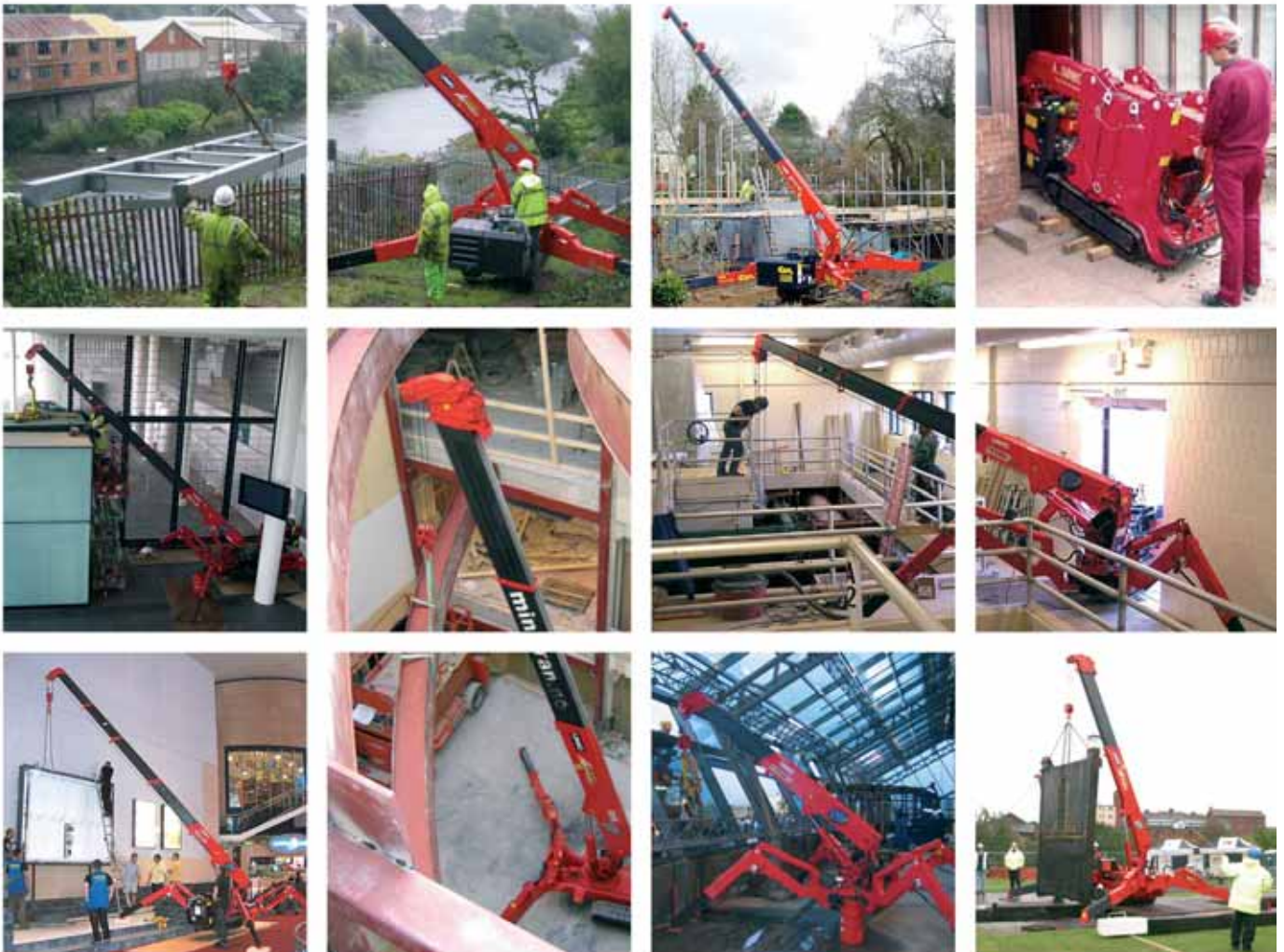
PASMA, PO Box 168, Leeds LS11 9WW Tel: 0845 230 4041

Fax: 0845 230 4042 Email: info@pasma.co.uk www.pasma.co.uk



UNIC

CRANES EUROPE



UNIC Cranes Europe is launching the world's biggest mini crane at Bauma. With six tonnes lifting capacity at three metres and a hook height of 19.5 metres, the **A706CL** is now the highest capacity crane in the **UNIC** range. Discover incredible power and reach in the most confined of working environments. With an overall width from 600mm, **UNIC** mini cranes are small enough to get in there, and big enough to get the job done.

A094CR 0.995t x 1.5m (boom length 5.49m) **A095CR** 0.995t x 3.5m (boom length 8.65m) **A295CR** 2.9t x 1.4m (boom length 8.65m) **A376CL** 2.9t x 2.5m (boom length 14.61m) **A506CL** 3.0t x 3.4m (boom length 15.71m)

For more information about UNIC, please phone 01844 202 071, visit the UNIC Cranes website www.unic-cranes.co.uk or alternatively, email the UNIC Cranes sales office: sales@unic-cranes.co.uk

www.unic-cranes.co.uk

See us at BAUMA,
Stand F11 1102/15

Brass is best

Angela Busch speaks to CCM an American producer of highly detailed, hand-built model cranes and finds out how such scale-crane models are made.

Grant Peterson knows how to make full size cranes that can lift several tons. He has the measurements, the designs and the necessary knowledge. But at his office in Beaverton, Oregon, in the USA Peterson has more intricate matters in mind. Most of the cranes he and his staff develop weigh less than three kilos.

The model crane industry has blossomed in recent years with many companies now producing die cast models for manufacturers. In the USA a number of niche producers specialise in highly detailed hand-made brass models. They include Peterson's Classic Construction Models (CCM) and Towsley's of Manitowoc, Wisconsin, which makes the Manitowoc 18000 model that

stands over two metres high when erected. That was the exception, though. Most model cranes made by these two specialists are not much more than a metre tall.

Because the models are so much smaller than the real cranes, it seems they'd take less time to manufacture. That's not the case, says Peterson. "From when we get the manufacturer's drawings, it's usually about a year before the models are in-house and ready to sell."



What happens during that process? How is a model crane made? It's not quite as simple as many might think. It starts with an idea. Peterson says he gets suggestions everyday from collectors and contractors alike. CCM chooses cranes for models based on their popularity and size, as well as looking to provide variety in the types of models that CCM offers. Lattice-boom models have been especially popular he says.

After a crane is chosen, the model manufacturer goes to the crane manufacturer to get a copy of the



The full brass models from CCM are exceptionally accurate and detailed.



The Link Belt 348H 1:48th scale brass model



The Manitowoc 18000 stands over two metres tall. The 1:50th model is shown here in Aguado's colours

real design drawings. Some model manufacturers simply send photos and general dimensions to a sub contract model-maker to be interpreted and shrunk down. However as CCM primarily manufactures more-complicated brass models, it completes all of its designs in-house. "We have all the information to build the real machines when we build our models," Peterson says.

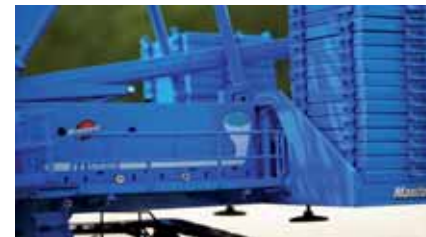
The designs are scaled-down to adapt to the model's size. Some parts, such as a 10mm bolt used in the original crane, cannot be scaled down. So the process becomes a mathematical and artistic puzzle of reducing the size of the crane without altering its appearance.

"We try to get as much detail as we can but also still be accurate to the original design."

After the design is finished at CCM it's sent to a rapid-prototyping machine, which Peterson compares to a 3-D printer. The machine creates a resin prototype of the model that is sent to CCM's manufacturer in South Korea to be used as a pattern to produce the production models.

Brass models take longer to make than the more-common die-cast

models that are mass produced. Die-cast models can basically be poured into a mold to create. With brass, all 800 - 1,200 parts are hand-soldered together. At CCM's manufacturer in South Korea, 20 people work eight hour shifts, five days a week hand-soldering and meticulously assembling minute parts for the models



While not quite as detailed as the CCM the 18000 model by Towsley is still highly accurate. This unit is in Lampson colours.

With all that detailed craftsmanship, it's easy to see why models can take a year to complete and why brass models are significantly more expensive. They run anywhere from \$1,500 - \$2,000; while equivalent sized die-cast models are usually in the \$200 - \$400 price range. The Manitowoc 18000 is unusual in that it uses a brass top with a die cast base and as such is tremendous value for its size at \$680 from Manitowoc's on line show. It is available in the liveries of All Erection, Aguado, Lampson or Demont.



Dear Readers, only one letter (that we can publish) this month, following several months where we have had a selection to choose from. We do appreciate your feedback, comments and criticisms. However, we can only keep this page going if you take a little time to send us your thoughts and opinions. We are happy to receive these via mail, email or fax or you can even dictate it over the phone to one of our staff. We are also happy to withhold your name and address or even publish a good letter if it is sent anonymously. But please, do keep them coming through. The editor

Dear Sir,

Your article on page 49 (C&A March) regarding the CPCS revamping its training scheme just highlights as far as I am concerned, the ridiculous situation in the way the CITB and CPCS dictate the training, or rather the certification of specialist plant operators in this country. The CITB/CPCS is a faceless quango that seems only interested in generating money to cover its inefficient operations. You could not dream up a more complicated organisation or scheme if you tried. I do not believe, given this group's track record, that any attempt to simplify certification will go anywhere as long as they are involved.

I see that having set some unrealistically long training periods for some plant and other categories the organisation is looking at or might have already cut some of its five or six day courses to four days. Why? Because the excessive requirement meant no one came along for training. The end result is that we have less people certified than we might have done if we had had a more realistic course length. Trouble is that a shorter course might let operators through who should never get on a piece of equipment?

My feeling though is the industry will be far better served with a very tough practical and theoretical test administered in the same disciplined way as the driving test. A prospective crane driver could join a hirer and work as an assistant on a larger crane, while studying crane theory and learning how to operate a crane or by attending an operator training course - all without any involvement of the CITB. Then when the person or his employer felt he was ready he could take a crane operators test, with both physical and theoretical sections to it.

The test could be organised by a body like the CITB with those who passed obtaining a crane drivers licence. If they fail they would simply have to sit it again just as you do with a driving licence. A car is one of the most dangerous pieces of equipment in the country - a lethal weapon in the hands of an inexperienced or bad driver and yet we let 17 year olds drive so why not follow a similar programme for cranes? Or Mewps for that matter.

The point is that instead of trying to vet and approve the training all that would be required would be the vetting of a tough format test or examination.

The programme could include the logging of a certain number of operating hours to obtain a full and permanent licence? The whole point is that dictating the duration of a training course and then virtually giving someone a permit when they have completed it, is not logical. Some people are naturals and will pick up the basics in a day or two while others could be on the course for a year and would never be any good. Why do we follow this route to certification with a crane or other plant and yet would never dream of doing it this way with a road vehicle?

The CPCS scheme should be updated. It should be phased out as fast as possible and a tough examination system put in its place that is close to an HGV programme or that required for London taxi drivers.

Yours Truly

Tom Feeney

AHI

Leeds

Letters to the editor

Please send letters to the editor: Cranes&Access: PO Box 6998, Brackley NN13 5WY, UK. We reserve the right to edit letters for length. We also point out that letters are the personal views of our readers and not necessarily the views of the Vertical Press Ltd or its staff.

Are **YOU** working **SAFELY** at height?



At Heightmaster we're specialists in raising standards. We provide training, advice and consultancy to enable people to work safely at height.

We offer a wide range of operator and demonstrator courses to individuals and companies across the UK. All our courses are certificated by appropriate accrediting bodies such as IPAF and PASMA.

- Powered Access
- Mobile Access Towers
- Low Level Access
- Safety Harness & Work Restraint
- Work at Height & Risk Assessment
- Safety Wear & Equipment

Tel: 08700 771709

Email: training@heightmaster.uk.com

Web: www.heightmaster.uk.com

Universal

New Spider widens the fleet

The new Falcon Spider FS290 has arrived and is ready to hire. With 29 metres of working height and able to enter through a doorway of 0.8 by 2m, it allows internal applications rarely available. Not only will the spider FS290 set up on uneven ground conditions but can give outreach of 14m with one man operation.

Universal Aerial Platforms now runs the UK's widest range of narrow access equipment for hire or purchase. For more information on the spider and any of our machines call today or visit www.universalplatforms.co.uk

0800 866 587
www.universalplatforms.co.uk



'MEWPs are great'

Its official! The HSE says that 'MEWPs are great'. The comment was made by Justine Lee of the Health & Safety Executive as she opened her presentation at the beginning of the IPAF summit held at Whittlebury Hall, Northamptonshire at the end of last month.

In her talk on Management Responsibilities for Mobile Elevating Work Platforms to a packed room of access industry professionals, she pointed out that while aerial lifts have an excellent safety record, when an accident does occur it is often sensational.



Justine Lee of the HSE said that the HSE will be focusing on the proper management

She explained that accidents owed more to poor planning and management than whether the operator had been properly trained or not.

"We have no issue with operators," said Lee, "it is proper planning that is required to prevent accidents."

In order to reinforce this message, the HSE is planning a six month campaign starting October 2007, aimed specifically at steel erection contractors. "This is the area with most problems and we will be checking management arrangements and compliance with the new Construction Information Sheet (CIS) - aimed at those responsible for the selection and management of MEWPs - which will hopefully be published in June," said Lee.

She also said that crane hirers now check out the ability of contractors to plan and supervise their own lifts as do car rental companies when

they demand to see a valid driving licence. And yet, lifts are delivered to site often with no checks that the customer is competent to manage the use of MEWPs. She confirmed that the HSE is looking at the quality of planning rather than the plan itself, and pointed out that communication is a key part of this.

The next speaker, Steve Derbyshire, acting head of safety at Taylor Woodrow, was pleased to highlight the fact that companies including his are increasingly moving towards powered access.

"We still have ladders and towers on site," he said, "but we do a poor job managing towers and are increasingly moving even low-level



President Andrew Reid makes his address (Tim Whiteman MD-IPAF (R) Tony Mort (L).

work to aerial lifts. He highlighted the challenges that site managers have with so many different pieces of equipment and more than 200 skill trade cards covering some 54 different CPCS categories - a figure that has been reduced.

Chris Buisseret of Rapid Platforms discussed the qualifications for instructors and the new course covering the management of MEWPs. He pointed out how

important it was that site managers understood what was required to properly manage the aerial lifts working on their site.

"Yes it takes time to correctly plan and manage MEWPs on site, but try having an accident and then compare the time and cost involved with that to attending a course," he said.

Other speakers included Murray Pollock who looked at trends and developments in the UK rental market and Rupert Douglas Jones who updated everyone on the Clunk Click campaign for the wearing of harnesses in booms. He confirmed IPAF's view that in most cases the wearing of harnesses in vertical scissor type platforms is dangerous.

The OZ way

Finally Bernie Kiekebosch the president of Australia's highly successful Elevating Work Platform Association, as well as regional

manager with Haulotte, informed delegates on how the Australian powered access industry is dealing with all manner of issues from training (the association has so far trained 100,000 operators out of a population of 20 million) to machine inspections, maintenance and obsolescence.

Reid repeats his IPAF only call

Earlier in the day a smaller number of members attended the IPAF Annual General Meeting where president Andrew Reid updated them on progress and achievements over the past year. He pointed out that IPAF membership had more than doubled in four years to 450 members, much of the growth coming from continental Europe. Referring back to his vision expressed last year where he hoped that in future no serious contractor would consider buying or hiring equipment from any company that was not a signed up member of IPAF, he confirmed that IPAF has now modified its membership criteria preventing any new applicant being 'blackballed' but insisting that members 'abide by the federations stringent codes of standards and ethics that are the core of IPAF membership'.

"Members who fail to do so will be thrown out with cowboys being named and shamed," he added. He closed by calling on all members to support the positive safety-first message and to expose wrong doers so that IPAF can ensure that no serious customer will trade with anybody other than an IPAF compliant supplier.

After the days business around 200 members and their guests attended the annual IPAF dinner which heard Kevin - the 'caped crusader' - O'Shea give a witty after dinner speech in which he attempted to be as politically incorrect as possible picking on just about everyone apart from the Scots, to the great delight of most attendees.

The 2008 Summit will be held at the same venue on April 15th.



The summit was very well attended with most of the 200 plus seats taken



It's Showtime!



Touch and feel our great new products!

Experience live and exclusive the premiere of a whole new generation of HBC radio controls – for example, the first on-stage performance of our new **technos transmitter**!

Come and celebrate with us 20 years of the spectrum series! In time for bauma, we will be presenting our bestseller spectrum 1 in a completely renovated version with display.

We look forward to seeing you!



Hall 9,
booth E18



Open-air area F7,
booth 702/5

Quality in Control.



HBC
radiomatic

HBC-radiomatic GmbH
Haller Strasse 47 – 53 • 74564 Crailsheim • Germany
Phone +49 7951 393-0 • Fax +49 7951 393-50
info@radiomatic.com • www.hbc-radiomatic.com

ACCESS EQUIPMENT MANUFACTURERS

Aichi	www.aichi.de
AIRO by Tigieffe S.r.l	www.airo.it
Alimak	www.alimak.co.uk
A Ruthmann	www.ruthmann.de
Barin	www.barin.it
Basket	www.basket-platforms.com
Bison - Palfinger	www.bisonpalfinger.com
Bravi	www.braviisol.com
CTE	www.ctelift.com
Denka Lift	www.denka.dk
Dino Lift	www.dinolift.com
Esda	www.esda-fahrzeugwerke.de
Genie	www.genieindustries.com
GSR Spa	www.gsrspa.it
Haulotte	www.haulotte.com
Holland Lift	www.hollandlift.com
Iteco	www.itecolift.it
JLG	www.jlgeurope.com
Leguan Lifts	www.leguanlifts.com
Matilsa	www.matilsa.es
MEC	www.mec-awp.com
Nifty Lift	www.niftylift.com
Omega Platforms	www.omegaplatforms.com
Omme Lift	www.ommelift.dk
Ranger tracked access	www.tracked-access.co.uk
Skyhigh	www.skyhigh.be
Snorkel	www.snorkelusa.com
Teupen	www.teupen.info
Turner Access	www.turner-access.co.uk
Versalift distributors (UK) Ltd	www.versalift.co.uk
Upright International	www.uprighteuro.com

MAST CLIMBERS AND HOISTS

Alimak-HEK	www.alimakhek.com
Safi	www.safi.it
Universal Sky Platforms	www.uspuk.com

PLATFORM RENTAL

2 Cousins Access Limited	www.2cousins.co.uk
Easi up Lifts	www.easiuplifts.com
Facelift	www.facelift.co.uk
Hi-reach	www.hi-reach.co.uk
Manlift Hire	www.manlift.ie
Nationwide Access	www.nationwideaccess.co.uk
Rapid Platforms	www.rapidplatforms.co.uk
Skylift Hire	www.skylift.ie
Panther Platform Rentals	www.platform-rentals.co.uk

NEW & USED PLATFORMS

Access Business	www.accessbusiness.nl
Access Platform Sales	www.accessplatforms.co.uk
Access Sales International	www.accesssalesint.co.uk
AFI Resale	www.afi-platforms.co.uk
A.J. Access Platforms	www.accessplatforms.com
Baulift	www.baulift.de
Easi-uplifts	www.easiuplifts.com
Facelift	www.facelift.co.uk
Flesch	www.Flesch-Arbeitsbuehnen.de
Genie	www.genieindustries.com
JLG	www.jlgeurope.com
Kunze GmbH	www.KUNZEgmbh.de
Manlift Sales	www.manlift.ie
Nationwide Access	www.nationwideaccess.co.uk
Peter-Hird Ltd	www.peter-hird.co.uk
PASS	www.poweredaccess.com
Promax Access	www.promaxaccess.com
Rapid Platforms	www.rapidplatforms.co.uk
Ritchie Bros auctions	www.rbauction.com
Safe2Reach	www.safe2reach.co.uk
Skylift Hire	www.skylift.ie
Take Over Platforms	www.takeoverplatforms.com
Thanner	www.USED-Worklift.com
Turner Access	www.turner-access.co.uk
TVH - Group Thermote & Vanhalst	www.tvh.be

ALLOY SCAFFOLD TOWERS

Instant	www.uprighteuro.com
Safe2Reach	www.safe2reach.co.uk
Svelt	www.svelt.it
Turner Access	www.turner-access.co.uk

SPECIAL/BESPOKE ACCESS AND LIFTING SOLUTIONS

Safe2Reach	www.safe2reach.co.uk
Skyreach Access	www.skyreachaccess.com

SPECIAL AND NICHE PLATFORM RENTAL

BAC Verhuur	www.bachoogwerkers.nl
Powered Access Sales & Services	www.poweredaccess.com
Rapid Platforms	www.rapidplatforms.co.uk
Universal Sky Platforms	www.uspuk.com

TRAINING CENTRES AND TRAINERS

Access Platform Sales	www.accessplatforms.co.uk
Active Safety	www.activerentals.co.uk
AFI	www.afi-platforms.co.uk
Ainscough	www.ainscoughtraining.co.uk
AJ Access	www.accessplatforms.com
Avon Crane	www.avoncrane.co.uk
Central Access	www.central-access.co.uk
Facelift	www.facelift.co.uk
Genie	www.genieindustries.com
HCS	www.hydrauliccraneservices.co.uk
Heightmaster	www.heightmaster.uk.com
Hi-Reach	www.hi-reach.co.uk
Hiab	www.hiab.com
Hird	www.peter-hird.co.uk
JLG Training	www.jlgeurope.com
Kingfisher Access	www.kingfisheraccess.co.uk
L&B Transport	www.lbtransport.co.uk
Lifting Equipment Training	www.letltd.co.uk
Nationwide	www.nationwideaccess.co.uk
Norfolk Training Services	www.norfolktraining.co.uk
Rapid Platforms	www.rapidplatforms.co.uk
Safe2Reach	www.safe2reach.co.uk
Skylift Hire	www.skylift.ie
Southern Crane & Access	www.southerncranes.co.uk
TH White	www.thwhite.co.uk
Terex Atlas (UK) Ltd.	www.atlascranes.co.uk
The Platform Company	www.platformcompany.co.uk
Turner Access	www.turner-access.co.uk
Uplift Platforms	www.Upliftplatforms.co.uk

TRAINING ASSOCIATIONS AND NETWORKS

Allmi	www.allmitraining.co.uk
AWPT	www.awpt.org
IPAF	www.ipaf.org

CRANE MANUFACTURERS

Grove	www.groveworldwide.com
Tadano Faun	www.tadanofaun.de
Terex-Demag	www.terex-cranes.com
Unic Cranes	www.unic-cranes.co.uk
Valla	www.valla-cranes.co.uk
Vanson	www.vansoncranes.com

CRANE HIRE

Ainscough	www.ainscough.co.uk
Hewden	www.hewden.co.uk
Ladybird tower crane hire	www.ladybirdcranehire.co.uk
McNally crane hire	www.cranehire-ireland.com

NEW & USED CRANES

AGD Equipment Ltd	www.agd-equipment.co.uk
Crowland Cranes	www.crowlandcranes.co.uk
Kobelco	www.kobelco-cranes.com
M. Stemick	www.stemick-krane.de
P.V. Adrighem BV	www.adrighem.com
Terex Demag	www.terex-cranes.com
Used Cranes CCK	www.used-cranes.de
Valla UK Ltd	www.valla-cranes.co.uk
UCM	www.ucmholland.nl

SELF ERECTING TOWER CRANES

Airtec safety	www.airteksafety.com
Ladybird tower crane hire	www.ladybirdcranehire.co.uk
Vanson	www.vansoncranes.com

LORRY/TRUCK LOADER CRANES

Effer	www.effer.it
Palfinger	www.palfinger.com

TELESCOPIC HANDLERS

Genie www.genieindustries.com
JLG www.jlgeurope.com
Mec Telehandlers www.mecawp.com
Merlo www.merlo.co.uk

OUTRIGGER PADS

Eco power pads www.outriggerpads.co.uk
TMC lifting supplies www.crowlandcranes.co.uk/tmc

USA DISTRIBUTION AND LOGISTICS

Pacific Equipment Logistic www.pacificlogistic.com

NEW AND USED TELEHANDLERS

VHS Vissers Heftruck Service www.vhsbladel.nl

PARTS AND SERVICE SUPPLIERS

Crowland Cranes www.crowlandcranes.co.uk
IPS www.ips-ltd.biz
JLG www.jlgeurope.com
TVH - Group Thermote & Vanhalst www.tvh.be

SAFETY EQUIPMENT

Airtek equipment www.airteksafety.com

STRUCTURAL REPAIRS

Avezaat Cranes www.avezaat.com
Crowland Cranes www.crowlandcranes.co.uk/tmc

WIRE ROPE

Teufelberger Seil www.teufelberger.com
Casar www.casar.de

BATTERY MANUFACTURERS/SUPPLIERS

Optima Batteries www.optimabatteries.com
Trojan Battery www.trojanbattery.com

CONTROL SYSTEMS

Intercontrol www.intercontrol.de

EQUIPMENT AUCTION HOUSES

Ritchie Brothers www.rbauktion.com

INDUSTRY ASSOCIATIONS

ALLMI www.allmitraining.co.uk
IPAF www.ipaf.org
OSHA www.osha.gov

RENTAL MANAGEMENT SOFTWARE

Insphire www.insphire.com

ANCILLARY EQUIPMENT

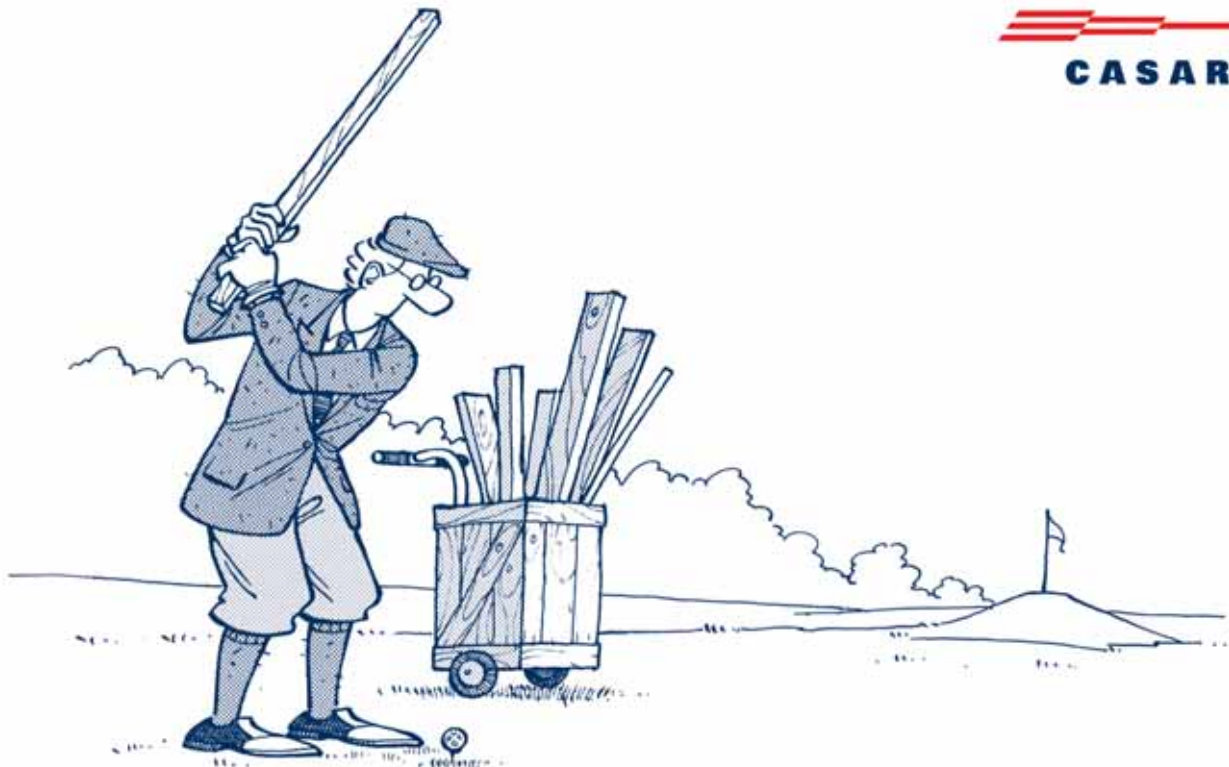
TMC lifting supplies www.crowlandcranes.co.uk/tmc

Vertikal .net

OVER 1.8 million Hits a Month
OVER 55,000 Visitors a Month

To arrange your listing in the ACCESS and LIFTING EQUIPMENT DIRECTORY: Tel: 08707 740436 Fax: 01295 768223 Email: info@vertikal.net

An entry in our online directory with hot-link to your website
and publication here costs just £175/€280 for a whole year



**CASAR**

Bought a *cheap* product again?

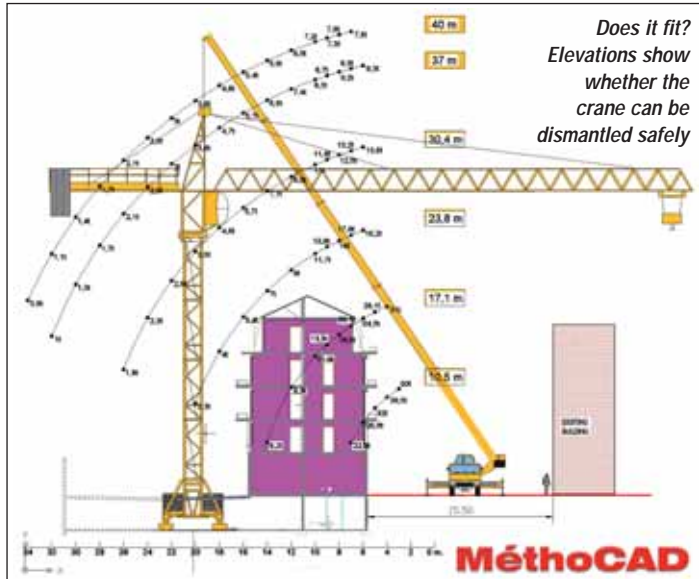
With golf-clubs, and especially with steel wire ropes, you will soon have a handicap.

For information about Casar Special Wire Ropes, please call Tel. +49 6841 8091 385. www.casar.de

Virtual reality

French tower crane and formwork planning software MethoCAD is set to launch its latest revision 8.1 which includes three new modules - mobile cranes, site safety and virtual reality - giving improved information and 3D graphics.

In addition to being able to see images of the proposed crane in plan and elevation, the new crane module allows the user to check the type of crane needed to dismantle as well as showing the completed building elevations to check the mobile crane's boom length, boom angle and loads.



Like in a video game, users can move in real time through a digital model of the crane and site.

The site safety self training module gives on-screen safety training, using files of dangerous situations already identified by health and safety organisations. Aimed at inexperienced operatives, the programme includes stills and animations to help with the training. To aid site planning, MethoCAD can help with the positioning of the tower crane and the checks that need to be carried out. A click of the mouse shows the site plan, position of the tower crane and loads at various radii. At no point is any manual data entered by the user which reduces risks of errors. For multiple crane sites, the

software checks that there is no interference when the cranes are in 'free swing' mode. The crane elevations are automatically drawn and any potential clashes highlighted. Perhaps the most interesting aspect of the programme is the virtual reality module which allows the user to move in real time through the digital model and manipulate objects as in video games. Users can sit in the tower crane cabin, move the jib to ensure there are no lifting or visibility problems. There is also a full visual of the site and the user can walk around and manoeuvre equipment to check physical dimensions of equipment and the site.

Cut the patches

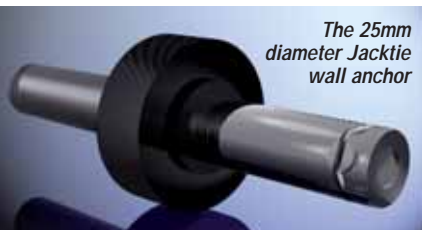
A scaffolding contractor has designed a façade anchor for scaffolds and mast climbers fixed to a fully cladded steel framed building, where access to the rear of the façade is not practical. The 25mm tie provides a method of securing into hollow section steel structures or RSJs where access is limited, eliminating the need to cut and patch the cladding.

The inventor says that the device, called the 'Jacktie', offers a number of other benefits, including a neat and clean finish on the cladding as the 25mm hole can be covered with a plug. The anchor is also recoverable and can only be tightened or removed with the appropriate key.

Installation begins with the drilling of a

hole through the cladding to the steel purlin behind. Once the Jacktie is in place, a key is used to engage locking pins which clamp into place behind the steelwork. A circular collar is then hand-tightened up to the face of the cladding. A 16mm ring bolt is then screwed into the front of the Jacktie, a scaffold tube can then be passed through the ring, allowing the scaffolding to be attached to the building using the standard procedure for physical ties as detailed in BS5973.

Designed and tested to BS5973 section 2 paragraph 9.7.1 (e), the Jacktie has a safety factor in excess of 5:1. Measuring 25mm in diameter and 190mm in length, it has an inwards/outwards capacity of 6.25kN. Other sizes are currently under development.



The 25mm diameter Jacktie wall anchor

Neither poly nor solid

A North American based tyre company MITL Brawler is developing a flexible solid tyre for use with aerial lifts. The company says that it is working with a number of manufacturers to install its 'Solid-flex' range of tyres on new and existing aerial lifts. The tyres can directly replace a pneumatic or poly/foam filled tyre on both scissor and boom lifts.

The tyres incorporate a honeycomb cushioning ring between the steel rim and the tread pattern. This provides the same or better rigidity than a poly filled tyre, while also offering some of the cushioning effect of a pneumatic tyre. The net effect is a smoother ride, less strain on the drive train and for rough terrain applications, a self clearing tread pattern that retains traction in soft muddy conditions where large rim, thin tread solid tyres typically clog-up. With a square edge and, according to the manufacturer, superior stiffness and wear characteristics compared to a filled pneumatic tyre, it could enhance stability allowing the manufacturer to reduce weight or machine width. The tyres are also available with a smoother tread and can be supplied with a white/grey non-marking compound.



A Solid-flex rough terrain tyre currently used on skid steers will soon be available for aerial lifts.

enquiries →

To contact any of these companies simply visit the 'Industry Links' section of www.vertikal.net, where you will find direct links to the companies' web sites for up to five weeks after publication.

To have your company's new product or service displayed in the 'Innovations' section of C&A, please send in all information along with images to either; Innovations, Cranes & Access, PO Box 6998, Brackley, NN13 5WY, or alternatively by e-mail to: info@vertikal.net with 'Innovations' typed in the subject box.

Whats on?

Bauma 2007

World's largest construction equipment show
April 23-29, 2007
Munich, Germany
Phone: +49 (0)89 51070



Commercial Vehicle show

The UK show for trucks and accessories
April 24-26, 2007 Birmingham, UK
Phone: +44 (0)1634 261262
Fax: +44 (0)1634 360514
E-mail: cvshow@cvshow.com

OTC 2007

Offshore Technology Conference
April 30-May 3, 2007 Houston, USA
Phone: +1.972.952.9494
Fax: +1.301.694.5124
E-mail: service@otcnet.org

SED 2007

UK's premier construction equipment exhibition May 22-24, 2007
Rockingham Speedway, Corby, UK
Phone: [44] 020 8652 4810
Fax: [44] 020 8652 4804
E-mail: jackie.hanford@rbi.co.uk



Crane Safety 2007

June 4-5, 2007 London, UK
Phone: +44 (0)20 549 8639
Fax: +44 (0)20 269 7803
E-mail: mturton@wilmington.co.uk

TABS

Tag der Arbeitsbühnensicherheit
21. June 2007
Fraport Frankfurt, Deutschland
Tel: +49(0)761 8978660
Fax: +49(0)761 8866814
E-Mail: info@vertikal.net



Hillhead 2007

International Quarrying and Recycling Show
June 26-28, 2007
Buxton, Derbyshire, UK
Phone: +44 (0)115 945 3890
Fax: +44 (0)115 958 2651
E-mail: penny.lewin@qmj.co.uk



Platformers days

German access equipment meeting
August 24-25, 2007
Hohenroda, Germany
Phone: +49 (0)5031972923
Fax: +49 (0)5031972838
E-mail: info@platformer-days.de

Europlatform

IPAF central Europe Summit
September 11, 2007
Basel, Switzerland
Phone: +44 (0)15395 62444
Fax: +44 (0)15395 64686
E-mail: info@ipaf.org

Vertikal Days

Meeting for the UK crane and access industry
Haydock Park September 19/20th 2007
Tel: +44(0)8707 740436
Fax: +44(0)1295 768223
E-mail: info@vertikal.net
Web: www.vertikaldays.net



The Hire Show

Exhibition for Rental Professionals
October 2-3, 2007 London, UK
Phone: +44 (0)2083871244
Fax: +44(0)8451276113
E-mail: thehireshow@btopenworld.com



ICUEE

ICUEE-International Construction & Utility Equipment Exposition
October 16-19, 2007 Louisville, Kentucky, USA
Phone: +1 866-236-0442
Fax: +1 414-298-4141
E-mail: e-mail info@icuee.com



Batimat 2007

French building and construction show
November 5-10, 2007 Paris, France
Phone: +33.1.47.56.51.84
Fax: +33 1 47 56 51 93
E-mail: info@batimat.com

The Rental Show 2008

ARA convention and rental show
February 11-14, 2008
Atlanta, USA
Phone: +1800 334 2177
Fax: +1309 764 1533
E-mail: info@therentalshow.com

Conexpo-Con/Agg 2008

The leading US construction show.
March 11-15, 2008
Las Vegas, Nevada, USA
Phone: +1 414-298-4133
Fax: +1 414-272-2672
E-mail: international@conexpoconagg.com

Smopyc 2008

International Public works, construction and mining show
April 22-26, 2008 Zarragoza, Spain
Phone: +34 976 76 4700
Fax: +34 976 33 0649
E-mail: info@feriazaragoza.com

Apex

International powered access fair
September 17-19, 2008
Maastricht, The Netherlands
Phone: +31 (0)547 271 566
Fax: +31 (0)547 261 238
E-mail: Joyce@ipi-bv.nl



Visit www.Vertikal.net/en/events for a full listing of events with direct links to the organisers.

ADVERTISEMENT

M. Stemick GmbH
Kran- u. Baumaschinenhandel

CRANES FOR SALE

ALL TERRAIN-CRANES

20 t Grove AT 422 E	Bj. 1989	4x4x4	21.4m
30 t Grove AT 635	Bj. 1996	4x4x4	27,40m + 13,10m
35 t PPM 380 ATT	Bj. 1989	4x4x4	30,00m + 7,50m
40 t Demag AC 40	Bj. 2000	6x6x6	31,40m + 13,10m
50 t PPM ATT 590	Bj. 1995	6x6x6	40,00m + 15,00m
75 t Grove GMK 4075	Bj. 2001	8x6x8	43,00m + 17,00m

TELESCOPIC - TRUCK CRANES

40 t Gottwald AMK 56-42	Bj. 1980	8x4x4	28,00m
-------------------------	----------	-------	--------

ROUGH TERRAIN CRANE

20 t Kobelco RK 200	Bj. 1987	4x4x4	25,80m + 7,0m
---------------------	----------	-------	---------------

REACHSTACKER

40 t PPM 40 GMI	Bj. 1991	4x2x2	4 th height
45 t TEREX TFC 45	Bj. 2000	4x2x2	5 th height

M. Stemick GmbH
Kran- u. Baumaschinenhandel
Import - Export
D-45721 Haltern / Germany

Tel: +49-2364 - 108203
Fax: +49-2364 - 15546
Mobile: +49-172-2332923
e-Mail: info@stemick-kran.de
Internet: http://www.stemick-kran.de

Import • Export

Marketplace

USED EQUIPMENT • SPARE PARTS • RECRUITMENT • RECONDITIONING • HIRE • WANTED

cranes & access

FOR UK USERS & BUYERS OF LIFTING EQUIPMENT

reaches over six times as many UK/Irish buyers of lifts and lifting equipment than any other lifting magazine

ADVERTISING:

The Vertikal Press Ltd.
PO Box 6998, Brackley,
NN13 5WY UK.
Tel: +44 (0)8707 740436
Fax: +44 (0)1295 768223
E-mail: info@vertikal.net

Vertikal
net

Reliability defined



Compact dimensions allow every Teupen model to pass through standard doorways, whilst the tracked chassis creates low ground bearing pressure to eliminate damage to floors.

Sales • Hire • Service

TEUPEN[®]
ENGINEERING EXCELLENCE

TEUPEN (toy-pen),

- noun machine of innovative design; of unique construction; of outstanding quality and reliability; of superior performance; in a class of it's own; the benchmark to which all others aspire; of enviable reputation.

- adjective german; teutonic; superior; outstanding.

DERIVATIVES: non; not to be mistaken; one of a kind; the pinnacle.

ORIGIN: West Germany; generally associated with engineering excellence.

RANGER

www.tracked-access.co.uk

www.teupen.uk.com

Tel: 0870 225 5554

Manufactured by Teupen and distributed in the UK by:- RANGER EQUIPMENT 52 Shaw Street, Whittington Moor, Chesterfield, Derbyshire S41 9AY.

Tel: 0870 225 5554

Fax: 0207 900 2229

Email: sales@tracked-access.co.uk

Subscribe to **cranes & access**

The only way to guarantee that you receive every issue.



Vertikal.net

Subscribe online at www.vertikal.net

Subscription Application Form

Please complete this form and either fax back on +44 (0) 1295 768223 or +49 (0) 7618 866814 or post to The Vertikal Press, PO Box 6998, Brackley, NN13 5WY, UK. Tel: +44 (0)8707 740436

Name _____

Company _____

Job Title _____

Telephone _____

Address _____

Country _____

Telefax _____

Email _____

Please start my one year subscription to Cranes & Access at the rate of:

£40.00/€60 (UK and Irish addresses only)

€75.00 (Rest of Europe)

\$110.00 / £60.00 (Other regions)

I enclose a cheque made payable to The Vertikal Press

Please invoice me

I enclose an international money order

A.M.P. ACCESS

Sales Division

- New and Used Equipment Sales**
 Full range of leading manufacturers products available for delivery throughout Europe
- Service Support**
 Coverage throughout the Southwest
 24 hours a day, 7 days a week
- Equipment refurbishment**
 Complete overhaul
 Re-painting



Before



After

Hire, Sales & Service
 IPAF Approved Operator Training
 Safety Equipment & Workwear
 Free Site Surveys
 Parts Sales

www.amp-access.co.uk

A.M.P. Access Ltd.

Contact Richard Onslow Tel: 01823 340071 Fax: 01823 340072 Email: richard@amp-access.co.uk

Taunton

Tel: 01823 351251

Fax: 01823 351352

Poole

Tel: 01202 885300

Fax: 01202 885400

Liskeard

Tel: 01579 349030

Fax: 01579 349046

Exeter

Tel: 01392 214744

Fax: 01823 351352

Gloucester

Tel: 01452 886750

Fax: 01452 886752

FOR USED ...

Not Abused Machines!



The AFI Assurance ...

As one of the UK's largest powered access rental companies, AFI is able to offer an:

- Extensive range of used equipment
- Supplied in the condition you want
- With a range of Finance Options ...
 - Contract Rental
 - Lease Hire
 - Outright Purchase



Band A Supplied:

- Fully tested
- Complete with new batteries (On electric machines)
- Re-painted, as good as new!



Band B Supplied:

- Fully tested
- Complete with new batteries (On electric machines)

What's more, our dedicated resale team make it simple for you to obtain the right machine - at the best value! All AFI used machines are categorised into bands for quality assurance and to help you stay within budget restrictions, whilst allowing you to fulfil your application requirements

FOR AVAILABILITY ... CONTACT AFI RESALE:

Tel: 08707 879835

Fax: 08707 879836

Or Email: resale@afi-uplift.co.uk

AFI Aerial Platforms Limited
2nd Floor West Wing, Diamond House,
Diamond Business Park,
Thornes Moor Road, Wakefield WF2 8PT
www.afi-uplift.co.uk

WELEX: SPECIALIST IN EKKI MATS

Wellex is one of the oldest European companies concerned with the import and export of hardwoods and manufacturing ekki mats.

For many years we have been providing companies throughout the world with ekki mats for construction work, crane gantries, pipeline installations and bridge building.



FOR SALE
FOR HIRE

By manufacturing the mats ourselves we are able to work in an extremely cost efficient manner. We can carry out the transport, laying out and picking up of the mats for your project.

As you can see from the above, we can be of service to you in many ways. We are also pleased to assist you by providing advice and management consultancy.



Welex, Heicopperweg 38A, 4128 LP Lexmond, Holland
Phone +31(0) 347-341 215, fax +31(0) 347 342 363
E-mail: welex@welex.nl, website: www.welex.nl

**Manitowoc Crane Group UK
USED MOBILE CRANE SALES**



For further information please contact:
Mr. John Cantle
PH.: +44 77 1308 4948

www.manitowoccrane.com

GROVE

SPIERINGS
MOBILE CRANES



SPIERINGS
a new
generation
mobile cranes

For information
0031 - 412 - 62 69 64
www.spieringscranes.com
or call your crane hire company

bauma Stand F11
2007 1103/2

Spierings folding crane, the best solution

WEAVING MACHINERY
HYDRAULIC 'SELF-ERECT' CRANES

- FAST & EFFICIENT
- QUIET & COMPACT
- GALVANISED JIB & TOWER
- TRAINING PROVIDED
- AFTER-SALES SUPPORT



*Join the silent revolution
from only £25,000!*

☎ 01386 49155 07817 255 730

Vertikal
.net

For the latest news read Vertikal.net
www.vertikal.net
50,000 visitors/month!

VANSON

vansoncranes.com
EXPERIENCE CARRIES WEIGHT! EST. 1987

**Self Erecting, Saddle &
Luffing Jib Tower Cranes**



Call
Crane Sales
01476 861011
Today...

Or Visit
www.vansoncranes.com

unattached?

...you shouldn't be!

Call 08700 771881
or email hire@wizardworkspace.com

wizardworkspace
www.wizardworkspace.com

ensure you keep yourself safe with our easy to wear harnesses

McNALLY CRANE HIRE

Offer lifting solutions with our skilled team of personnel across Ireland and England.
Specializing in Wind turbine erection.

We have a modern fleet of cranes from 25t to 1000t capacity.

www.windhoist.co.uk
Email: info@windhoist.co.uk

Services

- Turbine mechanical erection packages
- Heavy cranning
- Maintenance
- Engineering
- Windfarm Decommissioning

WINDHOIST Ltd.
Ayrshire Innovation Centre
Irvine, Ayrshire, KA11 5DA
UK
Tel. +44 2890 232 595
McNALLY's Crane Hire
Dawson Street
Monaghan
Ireland
Tel. +353 47 81000

ECO LIFT

outrigger pads

- Manufactured in Germany to the highest standards from regenerated polyethylene
- Safe and easy to handle will not splinter
- No water absorption
- High resistance to impact and vertical pressures
- Under normal working conditions unbreakable
- Inbuilt memory, adapting to working surface
- Custom sizes available
- Supporting - mobile cranes, self erecting tower cranes, loader cranes, aerial work platforms, concrete pumps, tele handlers
- Load bearing capacities from 5 to 300 tonnes
- 3 year warranty against breakage

The UK's Leading Supplier

Bill Green @ PLC Sales
Tel: +44 (0) 1449 674 154 Mob: +44 (0) 7885 020 582
Fax: +44 (0) 1449 674 173
Email: sales@outriggerpads.co.uk Web: www.outriggerpads.co.uk

TOWER CRANES

NEW & USED SALES

We are highly specialised in Tower Cranes.
So please contact us: e-mail: mtlux@aol.com
www.mti-lux.com

MACHINE TRADING INTERNATIONAL
MTI-LUX S.A
2 a, Rue Prince Henri, L-6735 Grevenmacher
Tel: +352-26745480 Fax: +352-26745483

• USED EQUIPMENT • SPARE PARTS • RECRUITMENT • RECONDITIONING • HIRE • WANTED • USED EQUIPMENT • SPARE PARTS • RECRUITMENT • RECONDITIONING • HIRE • WANTED •

ALLAN ACCESS LIMITED

Welham Lane, Great Bowden, Market Harborough, Leicestershire, LE16 7HS.
Tel: 01858 469 400 Fax: 01858 410 646 Web: www.allanaccess.com



Our unique experience brings together a full and versatile range of vehicle and crawler mounted access platforms for a comprehensive end user portfolio, backed by our first class after sales support service.



Large Truck upto 85 meters

3.5 tonne models upto 23 meters

Insulated & 4x4 models

Full Crawler Range

A. J. ACCESS PLATFORMS LTD.

Suppliers of used Access Platforms



SELF PROPELLED TELESCOPIC PLATFORM
2001 MANITOU 165
16.5m working height (54ft)
4 Wheel Drive, Fly Jib



PERSONNEL PLATFORM
2000 Toucan 800
8m working height (26ft)
Compact Design



SELF PROPELLED TELESCOPIC
1999 JLG 600AJ
20m. working height (66ft.)
Articulated Jib.



SELF PROPELLED SCISSOR PLATFORM
2001 Skyjack 2646E2
9.7m working height (32ft)
2WD, Slide out deck, non-marking tyres



SELF PROPELLED SCISSOR
1997 SKYJACK 8841
14m. working height (47ft.).
2WD, Twin Extending Decks.



SELF PROPELLED TELESCOPIC
2001 JLG M45J.
15.5m working height (51ft).
Fly Jib, Bi-Energy.



PERSONNEL PLATFORM
2005 GENIE GR12.
5.58m. working height (18ft.).
Compact design, Dual voltage charger.



TRAILER MOUNTED PLATFORM
1999 Niftylift 140HDC
14m working height (46ft)
Hydraulic Legs, DC Only



Tel +44 (0) 1291 421155 Fax +44 (0) 1291 423930

PILL WAY, SEVERN BRIDGE IND. ESTATE, CALDICOT, GWENT NP26 5PU UK

E-Mail: sales@accessplatforms.com



www.accessplatforms.com



Additional Services:
Crane Testing • Crane Repairs

Tel: +44 (0)1767 677155
 Berrys Yard, Caxton Road, Great Gransden,
 Sandy, Bedfordshire SG19 3BH

www.jtminicranes.co.uk



The most compact cranes in the world!

We make sure your voice is heard




With over 1400 members, the CPA has a powerful voice with legislators and policy makers in the UK and Europe. The regulations on issues such as Red Diesel, Whole Body Vibration and many more have been positively influenced by the CPA, representing the Plant Hire Industry.


Add your voice and make us stronger, call 020 7796 3366 for information on joining.

CPA
 THE ASSOCIATION FOR PLANT PROFESSIONALS


CPA, 27/28 Newbury Street, Barbican, London EC1A 7HU
 Tel: 020 7796 3366. Fax: 020 7796 3399. Email: enquiries@cpa.uk.net
www.cpa.uk.net



Access Platform Sales
 NEW • USED • TRAINING • SERVICE




OCTOPUSSY 10.55 (2002)
 Tracked boom platform.
 33' working height. Petrol.
 Serviced & tested.




SNORKEL S1930
 Self propelled scissor lift.
 25' working height. Battery.
 New old stock. c/w months warranty.

Library picture




SNORKEL S2545 (2003)
 Self propelled scissor lift.
 31' working height. Battery.
 Repainted. Serviced & tested.

Library picture




GENIE DPL35 (1997)
 Dual personnel lift.
 41' working height. Battery.
 Serviced & tested.




JLG 120HX (1998)
 Self propelled boom.
 126' working height. Diesel.
 4WD. Serviced & tested.


Library picture




NIFTYLIFT HEIGHT RIDER 12 NBE (1997) Self propelled boom.
 40' working height. Narrow, bi-energy.
 Repainted, Serviced & tested.




GENIE Z30-20 (1998)
 Self propelled boom.
 36' working height. Battery.
 Repainted, serviced & tested.



TEREX TA30N (1999)
 Self propelled boom.
 36' working height. Battery.
 Repainted. Serviced & tested.




JLG VP20 (1998)
 Personnel lift.
 25' working height. Battery.
 Serviced & tested.




GENIE AWP25 (1999)
 Personnel lift.
 31' working height. Mains.
 Serviced & tested.

Library picture



GENIE Z45-22 DRT (1990)
 Self propelled boom.
 51' working height. Diesel.
 Repainted. Serviced & tested.



NIFTYLIFT 120T (2004)
 Trailer mounted platform. Telescopic.
 40' working height. Battery.
 Repainted. Serviced & tested.

Leewood Business Park, Upton, Huntingdon, PE28 5YQ
Tel: +44 (0) 1480 891251 Fax: +44 (0) 1480 891162
e-mail: sales@accessplatforms.co.uk

www.accessplatforms.co.uk

Vertikal days

a meeting of minds.....
for lifting equipment professionals
Haydock Park Racecourse
Wednesday **19th** & Thursday **20th** September **2007**



Vertikal Days is a new two day event focusing solely on the lifting equipment industry where professionals from the fields of cranes and access can meet with suppliers and view the latest products.

It's a meeting of minds ...

For information on how to register -

visit our website www.vertikaldays.net

email the Vertikal Team info@vertikaldays.net

Telephone: UK **+44 (0) 8707 740436** • Germany **+49 (0) 761 89786615**

www.vertikal.net

machinery for sale

Genie Z34/22n



Spec: 2wd articulated boom. Battery powered. 40ft work (12m).

Price: 2004 - POA
2005 - POA 2006 - POA

Genie Z45/25 BI



Spec: 2wd articulated boom. Battery and Kubota diesel. 51ft work height (15.5m).

Price: 2002 - £ 22,000 (€31,500)
2003 - £ 24,250 (€35,000)
2004 - POA 2005 - POA

Spider FS290



Spec: Specialised Hoist. 90ft work height (29m) Battery & diesel. Hyd. Outriggers. Fully spec'd.

Price: 2003 - POA

Spider FS370



Spec: Specialised Hoist. 122ft work height (37m) Battery & diesel. Hyd. Outriggers. Fully spec'd.

2003 - POA

new and used access machinery

All machines sold direct from our fleet
All machines sold serviced and certified
Door to door delivery

Genie GS1932

Spec: 2wd battery scissors. 25ft work height (7.6m) work height. Solid non marking tyres choice

Price: 2004 - POA 2005 - POA 2006 - POA

Genie GS2646

Spec: 2wd battery scissors. 32ft work height (11m) work height. Solid non marking tyres choice

Price: 2004 - POA 2005 - POA 2006 - POA

Genie S45

Spec: 4wd telescopic boom. Cummins diesel. 51ft work height (15.5m) choice

Price: 2004 - POA 2005 - POA

Genie S65

Spec: 4WD telescopic boom. Deutz diesel. 71ft work height (21.6m) Choice

Price: 2000 - £ 29,000 (€42,000) 001 - £ 34,000 (€49,000)
2004/5/6 - POA

Genie S125

Spec: 4wd telescopic boom. Cummins diesel. 131ft work height (40.1m). Choice

Price: Sep 2003 - POA 2004 - POA 2005 - POA 2006 - POA

Genie TZ34/20

Spec: Trailer mounted hoist. Battery powered. 40ft work height (12m). Rotating Jib. Choice

Price: 2004 - POA 2005 - POA

Manitou MRT2150

Spec: 4wd rotator, 21m work height. 5 tonne capacity. Hydraulic jacks. 3tonne Winch and operator basket

Price: 2004 - POA 2005 - POA

All machines sold direct from our fleet. Please visit our website for further details

Contact:
Ronan MacLennan

DUBLIN:

Tel: + 353 (0)1 835 2835

Mobile: +353 (0)86 806 6778

 **Easi UpLifts**
LIMITED

www.easiuplifts.com

the access specialists

WOLFFKRAN

The skies over Munich

WOLFF XXX B

new: city-class

new luffing cranes

new gantry cranes

new: clear-class



NEW CLASS OF LUFFING CRANES | NEW: city - CLASS | NEW GANTRY CRANES | NEW: clear - CLASS

The leader of the pack presents "Gallery of the Originals":
bauma 07 open air area stand F 905/03.
Welcome!

More about WOLFFKRAN: Tel. +49 7131 9815-0 or www.wolffkran.com

WOLFFKRAN. Der Leitwolf. The leader of the pack.

