

cranes & access



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June 2015 Vol.17 issue 4


Tower cranes

Trailer lifts

**Heavy
transport**

**Vertikal Days
and Intermat
reviews**

... JLG acquires Power Towers.....New 50 tonne Sennebogen.....Hiab launches Z-crane...



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FIVE ARROWS BUSINESS FINANCE ~ DRAWN TO A CHALLENGE

On the cover:

A Potain MCT 88 flat-top crane - the largest in the MCT series - being used on a dam project in Tahiti, an island in the central Southern Pacific Ocean.



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Tadano ships 1,000th 100t/80tn RT, New start for Dinolift in the UK, Liebherr unveils LTC 1045 successor, IPS launches consumables range and financials round-up.

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It has been an interesting and varied year for tower cranes, with major developments on all fronts. We round-up the latest news as well as looking at new product launches and a few applications.

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Cranes & Access takes a look at the trailer lift which appears to be increasingly overlooked by the regular specialist rental companies and larger generalists - in spite of several new developments over the past year.



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IAPS' rental company in Scotland recently changed its name to Specialized Access and appointed a new director. Ed Darwin travelled to its base in Wishaw to find out more...

In the next C&A

The next issue of Cranes & Access - scheduled for mid-July - we will have the Annual dealer guide as well as taking a look at Telehandlers, Industrial pick&carry cranes and Industrial access/low level lifts. If you have any contributions or suggestions, to make, or are interested in advertising in this issue, please contact our editorial or sales teams.

Vertikal Days

review 35

This year's Vertikal Days - the ninth - has established the show as a major event in the European exhibition calendar with an unrivalled display of cranes and access equipment. In our extensive review we highlight new products and sales at the two day event.

Heavy transport 45

In C&A's first heavy transport feature we take a look how companies are dealing with transporting heavier and bulkier items as well as SPMTs and new products.



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Despite the fine sunny weather, Intermat 2015 sadly did nothing to raise its position above that of a big regional show. Despite a relatively poor showing of equipment in the cranes and access sectors there were many new products to see.

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Henry Ford

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Progress?

Prior to each C&A issue we review the latest Vertikal.net news stories for possible inclusion in the magazine. This month I was struck by the unusually large number of incidents, and in particular fatalities relating to cranes, access and telehandlers from around the world. Perhaps it is just an unfortunate

coincidence, but there appears to be many more deaths than I can remember in any single month since I started, more than nine years ago.

Two incidents in particular stand out - a father, his seven year old son and 12 year old nephew all died, while a 10 year old neighbour's son was critically injured when a boom lift overturned in Albuquerque, USA. In the UK a woman was hit when walking along the pavement, by the inadvertently extended outrigger beam of a loader crane as it drove down the road in Altrincham, Cheshire.

Sadly there are many more examples I could have chosen. Figures for occupational fatalities are not available for all countries, but for various reasons the countries/regions that feature most in the news are supposedly the safest - Europe, North America and Australia. One factor may be the increased reporting and coverage of accidents in recent years, however at the same time equipment has improved significantly, while the focus on safety measures and devices has reached unprecedented levels.

Over the past eight weeks of so we have had two major trade shows - Intermat and Vertikal Days - where manufacturers displayed their latest equipment, bristling with hi-tech performance and safety features designed to make work quicker, easier and safer.

Based on this month's news, better equipment does not seem to be making as much of an impact on reducing such incidents as you might expect. Manufacturers can only go so far with safety systems. In the incident in Albuquerque the father extended the JLG boom lift to its full height with five in the basket, while it was sitting on the back of a two axle trailer! In the USA a court ruled in favour of Genie over the gross misuse of one of its AWP models (see news story page 6). Yes in theory the manufacturer could have made it impossible for the lift to be moved when elevated, but the court found that this would have restricted the machine's functionality to a point where less safe alternatives might be used to reach the work.

So why do so many incidents continue to occur when equipment, training and safety awareness has improved so much?

Ultimately we are at fault. We try to save time, effort or money by taking risks or we are completely oblivious to the potential dangers and/or lack the training and foresight to stop it happening. Safety is the responsibility of the operator and owner who should ensure the equipment is used and maintained correctly.

Hopefully we are not seeing operators placing total reliance on the machine's safety systems, assuming they will prevent them from doing anything stupid. At the end of the day, we are in control and are ultimately responsible when it goes wrong. Unfortunately in the incidents above, three out of the four who died were innocent bystanders and paid the ultimate price for errors made by others.

Mark Darwin

Comment and feedback is most welcome via post, email, fax or phone stating if we may publish them or not: editor@vertikal.net

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Vertikal.net



(L-R) Karel Huijser of JLG with Brian King and Mark Richardson of Power Towers

JLG acquires Power Towers

JLG has acquired 100 percent of UK-based low level aerial lift manufacturer Power Towers from owners Brian and Sandra King and Mark Richardson and will operate it as a stand-alone entity, with no immediate changes planned. Power Towers will continue to operate through its existing dealer network and continue with its own new product development and manufacturing programmes. No financial details of the transaction have been disclosed.

The deal is initially seen by JLG as a 'European play' and has been led by the head of JLG Europe, general manager Karel Huijser. JLG president Frank Nerenhausen said: "This important acquisition strengthens our portfolio of low level access lifts and demonstrates our commitment to the European market. The addition of Power Towers products and people allows JLG to become an even stronger partner to our customers."

Power Towers operates from two facilities in Wigston, Leicester, one for the manually powered Pecolift and the other for the Power Tower and Nano product lines. One of them is owned, the other leased. The company does not publish its profit and loss details but had net assets of £2.5 million and more than £2 million of positive working capital as of August last year. It has a working population of more than 12,000 Power Towers and employs 28 staff.

New 50 tonne Sennebogen

Sennebogen launched its new 50 tonne 653E telescopic crawler crane at Vertikal Days. The 653E adds to the company's range of telescopic crawlers with capacities from eight to 120 tonnes. The crane's 30.4 metre, four section full power boom can be extended with a 6.5 to 13 metre offsettable swingaway extension, for a maximum tip height of 45.4 metres.

The 653E has load charts for working on inclines of up to four degrees and can pick&carry its full capacity. It is three metres wide with tracks retracted, extending to 4.5 metres for maximum lift capacities and stability. Power comes from a Cummins Tier 4 Final diesel and the crane is equipped with two axial piston drive winches, with line speeds of up to 115 metres a minute.



Sennebogen has launched the new 50 tonne capacity 653E telescopic crawler crane

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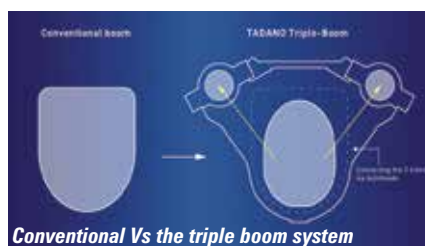


New 'triple boom' 600 tonner

Tadano officially launched its radical all-new, eight axle 600 tonne ATF600G-8 All Terrain crane on the night of June 12. The new crane is differentiated from its competition by a new 'triple boom system' in place of a boom suspension device.

The new 56 metre pinned boom can take a 90 metre fixed or luffing jib, which is designed with three cross sections to reduce transport and storage space. Tadano claims that the new crane out-lifts other eight axle cranes even with their superlift/guy systems fitted, and in this configuration offers a significantly reduced tail-swing and working footprint. The company launched the new crane at a gala dinner, followed by a factory open day attended by almost 1,000 people, the general reaction was very positive. A more detailed review and comparison will appear in next month's issue.

Tadano's new 600 tonne ATF600G-8



Conventional Vs the triple boom system



Vertikal Days 2015 success

With an unrivalled display of cranes and access equipment, Vertikal Days has become a 'must visit' event in the European exhibition calendar. This year once again broke records for size, number of exhibitors and number of visitors.

The extensive show review starts on page 35, however some of the major highlights included the best display of cranes in the UK for more than 15 years with all the major manufacturers present reflecting the current mood of the industry. The largest crane on show was NMT's new 700 tonne Terex AC700. Two global new crane launches included Grove's new 250 tonne GMK 5250-1 All Terrain and Sennebogen's 50 tonne 653E telescopic crawler. Big truck mounted platforms were back with a 90 metre Palfinger P900 sparring with a 90 metre Bronto S90HLA. Other big truck mounts included Ruthmann's 63 metre T630 and 72 metre T720, while the Genie SX180 was the largest self-propelled boom on display. The number of new product launches at the show was huge and is covered in more detail in the review feature.

Next year will be the show's 10th anniversary and further developments and improvements are planned, with the dates moving to mid June. Let's hope the industry continues on its upward trend and that Vertikal Days 2016 will be even bigger and better!



Wolffkran acquires HTC

Wolffkran has finally acquired UK tower crane company HTC Plant from the PC Harrington Group and will be rebranded HTC Wolffkran. The deal gives Wolffkran a UK rental fleet of over 200 Wolff tower cranes, 370 employees and revenues of more than £40 million. The company says that no changes are planned to the current business operations. No financial details have been released.

Wolffkran chief executive Peter Schiefer said: "The acquisition is a big step for us, but a very logical one, in-line with our global strategy of manufacturing, selling, renting and providing related crane services. We are taking an experienced and highly motivated management team and extremely skilled work force on-board. The solid UK construction market was just another driver for our decision."

Wolffkran's global rental fleet now exceeds 750 tower cranes, making it one of the largest tower crane rental companies in the world.

New name for Easi-UpLifts

The Irish international access group Height for Hire/Easi UpLifts is dropping the Easi UpLifts name in the British Isles, having acquired the UK trading name Height for Hire Ltd.

The company has always been known as Height for Hire in Ireland, but adopted the Easi UpLifts name in the UK after opening its first depot in Belfast in 1996 to avoid confusion with UK-based Height for Hire Ltd. That business was acquired by APS in 2011 - now part of the IAPS group. The business was restructured in February and renamed Specialized Access, freeing up the Height for Hire name.

The Irish group will consolidate its UK operations into a new UK company - Height for Hire Ltd. The group's operations in Hungary and Slovakia will retain the Easi UpLifts brand which is now well established in those markets. The company is also retaining the full ownership of the Easi UpLifts name in the UK.



Height for Hire will be the name throughout the British Isles

New Solid range from Palfinger

Palfinger has announced a new range of loader cranes to replace its PK16001 and PK18001. Dubbed the Solid line which the company says stands for "robust, easy and reasonably priced cranes".

Each will be offered in three different configurations, creating a six model range. All versions are available with up to five hydraulic extensions giving up to 14.8 metres reach, a reverse linkage system called Single Link Plus and load moments ranging from 16.8 to 18.5 tonne/metres.



The new Palfinger PK 19.001 SLD 5 tops its new cost effective Solid range

Manufacturer not responsible for intentional misuse

The Supreme Court of Texas has ruled in favour of Genie in the case of intentional misuse of a push-around AWP lift, reversing a jury decision and appeal. The case concerned a Genie AWP40S, owned by the Cathedral in the Pines Church in Beaumont, Texas. The church contracted Gulf Coast Electric to install fibre optic cables in the ceilings and allowed its two employees - James Boggan and Walter Matak - to use the lift to carry out the work.



Initially, they used it as instructed, positioning it under the work area, deploying the outriggers before raising the platform. However a church employee, John Adams, suggested it would be faster if the platform was not lowered each time the lift needed to be moved and this could be done by raising the jacks a few inches and moving the platform before lowering them again when in position.

When Boggan expressed reservations, Adams reassured him that he and other church employees did it "all the time". Boggan attempted to follow Adams's suggestion, but after raising two of the jacks with Matak in the fully elevated platform, it overturned and crashed to the floor. Matak died from massive injuries to his head.

Matak's family took legal action and the original jury declared that it was caused by a design defect. The court of appeals held that legally there was sufficient evidence to support the jury's decision, but Genie was given leave to petition the Supreme Court.

The Supreme Court found that with 100,000 AWP lifts in use and only three similar incidents reported, it could not be argued that the machine was unreasonably dangerous. It considered suggestions for a safer design and while it did not fully agree that no safer design could be found, it ruled that those suggested posed other risks, or destroyed the machines utility. The court also stated that even if the manual had not been read or decals paid attention to, the risks from misuse was so obvious that no one could have believed that raising the jacks with a man fully elevated would be safe.



AFI acquires Hampshire Plant & Access

UK rental group AFI has acquired Hampshire Plant & Access and will operate it as an independent business. Hampshire Plant founder David Meadham remains on board and in day-to-day charge of the business, which will retain its name and branding. Operating from depots in Winchester, Southampton and Salisbury, the company has annual revenues approaching £4 million and a fleet of over 550 machines, including an extensive range of powered access, telescopic handlers, excavators, dumpers and other equipment.



The Hiab Z-171 stowed neatly behind the cab with grab in place

New Z-crane from Hiab

Hiab has announced two new loader cranes designed for applications involving the regular use of grabs and other tools or attachments.

The Z-HiPro 191 and Z-PRO 171 can be folded and parked behind the drivers cab with the attachment still in place, while meeting the latest legislation. The new cranes suit applications where speed, efficiency and a high number of load cycles are required such as digging, filling and waste handling. The heavy duty boom has all hoses, wiring and telescope chains internally mounted, while additional wear pads and lift cylinder protection has been incorporated.

New Manitowoc for Bigge

US-based Bigge Crane & Rigging has taken delivery of one of the first Manitowoc MLC650 crawler cranes.

The 650 tonne MLC650 - unveiled last year - features a Variable Position Counterweight which adjusts automatically to keep the weight of the crane and load centred over the tracks for better load distribution. As a result it requires less ground preparation than traditional crawler cranes and can safely pick & carry heavier loads. The crane was supplied with 104 metres of main boom and optional VPC Max superlift system.



Bigge's new Manitowoc raises its boom

Largest single order for Kuiphuis

Dutch crane rental company Kuiphuis Kraanverhuur has taken delivery of five new cranes in an deal worth €3.3 million - the largest single order it has ever placed.

The order includes two 130 tonne Tadano ATF 130-5s and a 70 tonne Tadano ATF 70-4 All Terrain crane, a four axle Spierings SK498-AT4 mobile self-erecting tower crane and a 45 tonne Grove RT550e Rough Terrain crane.



Kuiphuis Kraanverhuur's five new cranes

Niftylift opens new facility

As we went to press UK aerial lift manufacturer Niftylift held the formal opening of its all new seven acre ultra-modern, mega-plant in Shenley Wood, Milton Keynes. More on this next month - also see Trailer Lifts page 25.



Inside the main hall



Niftylift opens new facility

Isoli replaces PNT210J

Italian truck mounted lift manufacturer Isoli has launched a redesigned version of its 20.5 metre PNT 210J truck mounted lift - the PNT 210JD4.

The new model - which uses ultra-high strength steels - offers the same 20.5 metre working height, 9.8 metres outreach and nine metres up and over height, but now features a 250kg unrestricted platform capacity, increased working envelope, greater jib articulation, now 140 degrees, 180 degrees platform rotation and multiple outrigger settings - fully deployed, left or right side only, and straight down. When the outriggers are deployed within the vehicle width, the PNT210JD4 is still capable of achieving its full working height and outreach with a 120kg capacity. The fully extended footprint is just three metres.



The new 20.5 metre Isoli PNT 210 JD4

Triple boom fatality in Albuquerque

A man, his seven year old son and 12 year old nephew, died, while two other 10 year old boys were injured after the boom lift he was giving them a ride in overturned in Albuquerque, New Mexico, USA.

One of the 10 year old boys is in on a life support machine while the other is now in a stable condition. The man, Ken Raschick - owner of Kens Tree Co - took the four boys up in the boom lift while it was sitting on the back of a delivery trailer. He then telescoped the boom to near full height, and according to local police reports, a gust of wind added to the machine's unstable set-up and possible overload to cause the overturn.



The tragic scene in Albuquerque



(L-R) Steve Couling and Lee Louder of APS with Ben Dobson and Stuart Bass of MBS Access

First big Hinowas

AH of Denmark and MBS Access from the UK have taken delivery of the first Hinowa Lightlift 26.14 Performance IIS spider lifts. Rental company AH Lift took delivery from local distributor Time Danmark, while UK distributor APS delivered the unit to MBS Access.

Unveiled at Intermat and launched at Vertikal Days, the Hinowa 26.14 features a dual sigma type riser, three section telescopic boom and articulated jib with an outreach of 13.6 metres, along with an up and over height of 10 metres and an unrestricted platform capacity of 230kg. Overall width is 990mm and it has an overall length of less than six metres with platform removed. Features include multi-position outriggers, automatic levelling, non-marking tyres and a three-speed drive train.

Families win ruling in Lomma civil trial

The families of two men who died when a tower crane collapsed on New York's Upper East Side in 2008 have won a key ruling in their civil case against crane owner Jimmy Lomma.

The ruling allows the families of crane operator Donald Leo and construction worker Ramadan Kurtaj to pursue Lomma personally for compensation. The jury will also decide whether to hit Lomma, 69, with punitive damages. He was acquitted of all criminal/manslaughter charges in 2012, while the civil case - one of the longest running trials ever for the Manhattan court - has moved into its eighth month.



Jimmy Lomma

Flannery orders its first CAT telehandlers

UK rental company P. Flannery Plant Hire has ordered its first Caterpillar telehandlers as part of a deal worth £16 million.

Scheduled for delivery throughout 2015, the 148 machine order includes a significant number of Caterpillar's recently launched TH414C GC and TH417C GC telehandlers as well as its TH337Cs. Purchased through Caterpillar's UK dealer Finning, the machines will be fitted with the company's Finsight monitoring system.



P. Flannery has placed an order for its first ever CAT telehandlers



AA Access' new Bronto Skylift S47XR platform

New Bronto S47XR for AA

UK-based truck mounted platform rental company AA Access has taken delivery of a new 47 metre Bronto Skylift S47XR, shown for the first time at Vertikal Days.

The unit is mounted on a Volvo FM Euro 6, three axle chassis, which includes a sleeper cab and a number of other features, which Bronto claims make it an ideal long distance machine. The new platform has also been specified with a round camera cage and lighting rig, allowing the company to target the machine at general purpose and media applications.

AA Access owner Andy Ainsworth said: "The new S47XR gives the operator an extremely comfortable living area and ensures an exceptional driving experience. This is really important when covering distances between some of the jobs. It also allowed Bronto to maximise outreach and gives this configuration class beating operational capabilities."

New Bobcat compacts

Bobcat has launched two new six metre compact telehandlers - the TL358 and TL358+. The two models both offer a 5.8 metre lift height, with a maximum forward reach of just over three metres.

The TL358 has 2,600kg lift capacity while the TL358+ can handle up to 3,000kg. The company says that the new models complement, rather than replace the existing - and wider - TL360. The new models have a 2.1 metre overall width and overall height, while overall length is just 4.5 metres.

Power for both units comes from a Deutz Stage IIIB diesel with new ECO mode. A Perkins Stage IIIA engine is available for less regulated markets.



The new compact Bobcat TL358

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Two 750 tonners for Windhoist

Irish wind turbine erection specialist Windhoist has purchased two 750 tonne Liebherr LTM 1750-9.1 All Terrain cranes fully equipped for wind turbine duties.

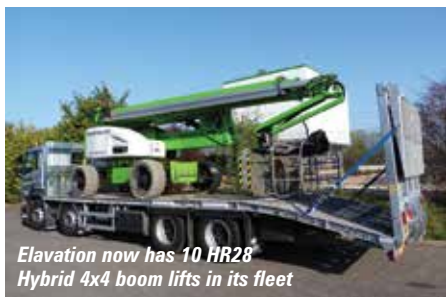
The first job was the Strathy North Wind Farm in Scotland erecting 33 Senvion MM82 turbines. The crane was rigged in TYVEN configuration, with 49 metres of main boom, a nine metre jib support extension, 28 metres of luffing jib, Y-Guy boom suspension and 124 tonnes of counterweight. Each rotor star weighed 42 tonnes, and the nacelles 73 tonnes.



One of the new Liebherr LTM1750-9.1 on its first job at Strathy North Wind Farm

More Niftylifts for Elavation

UK rental company Elavation has placed a new £2.5 million order for a variety of Niftylift boom lifts, including a further six 86ft HR28 Hybrid 4x4s - taking the number of HR28s in its fleet to 10. Weighing 14.5 tonnes, the HR28 Hybrid 4x4 offers 19 metres of outreach and a 280kg platform capacity.



Elavation now has 10 HR28 Hybrid 4x4 boom lifts in its fleet

Elavation sales director Mani Gonzalez said: "The low weight and cutting edge features that the Niftylift Hybrid system offers is a big advantage in a city like London. This is not just a sound financial investment, but also outlines our commitment to a modern fleet with the features our clients require."

Major fleet additions for Kimberly

UK-based Kimberly Rentals Group has ordered almost 100 new JLG boom lifts and Skyjack scissors to expand its fleet. The JLG boom order includes 10 units of the 45ft 450AJ, 15 of the 60ft 600AJ, 15 800AJs and a 185ft 1850SJ.

All machines will be delivered complete with earth straps to National Grid specification. The 40 Skyjacks include the SJ16 mast type lift, along with 19, 26 and 32ft slab scissor lifts.

Kimberly chief executive Geraldine Unsworth said: "The addition of the 1850SJ reflects our commitment to being a major provider of very large booms and compliments our fleet of over 50 booms in excess of 100ft. The 40 scissor lifts will be based at our West London depot which is seeing significant growth in its local market."



The shipping ceremony for the 1,000th Tadano GR1000XL crane

Tadano ships 1,000th 100t/80tn RT

Tadano has built and shipped its 1,000th 80 tonne/100 ton GR-1000XL/GR800EX Rough Terrain crane, since it was launched in 2011. The landmark unit - a GR-1000XL - was shipped to the group's subsidiary, Tadano America in Houston.

The GR-1000XL is rated as a 100 ton unit at eight feet radius/90 tons at 10ft, while the GR800EX European version is rated as an 80 tonner at three metres radius.

Tadano Chief executive Koichi Tadano speaking at the machine's shipping ceremony said: "In 2011 when the GR-1000XL was introduced, the Great East Japan Earthquake cut off our supply chain, causing a one-time shut down of the assembly line at the Shido plant. Our employees worked hard to fulfil delayed orders for customers who rely on Tadano around the world."

New start for Dinolift in the UK

Finnish aerial lift manufacturer Dinolift has unveiled new distribution plans for the UK, and formed a partnership with Central Platform Services (CPS) to handle after sales service, technical support and training for all existing and future Dinolift customers in the UK. New equipment sales - previously covered by Promax - will now be handled on a direct basis with major fleet owners, with UK partners looking after end users. As part of the change the company has appointed Teemu Ristelä, as area sales manager. He said: "Our partnership with CPS means a fresh start for Dino in the UK. On all markets where we are successful we offer a very high level of after sales support in cooperation with our distributors and partners. Therefore it is very important to us that we can do this in the UK right at the beginning."



(L-R) Karin Nars of Dinolift, John Burton of CPS Lift, with Petri Paavolainen and Teemu Ristelä of Dinolift at Vertikal Days

650 TB 270's for Ruthmann

Ruthmann delivered the 650th unit of its 27 metre TB 270 truck mounted lift to French rental company Kiloutou following its display on the manufacturer's stand at Intermat. The 3.5 tonne truck mounted was launched just five years ago.



(L-R) Rolf Kulawik and Remy Doyen of Ruthmann present a souvenir of the 650th TB270 hand over to Kiloutou's Xavier Decoster at Intermat.



Liebherr's new LTC 1050-3.1 with 30 tonnes capacity and 36m main boom

Liebherr unveils LTC 1045 successor

Liebherr has upgraded its city type All Terrain crane with the new, larger capacity 50 tonne LTC 1050-3.1.

The new crane is powered by a Tier 4 final/EU Stage IV diesel, which is heavier than the older unit, requiring some changes to the axle spacings etc. Liebherr took the opportunity provided by the redesign to improve other aspects of the machine including improved capacities and the 50 tonnes rating. The new crane features a six section 36 metre main boom and a 13 metre bi-fold swing-away extension.

IPS launches consumables range

UK-based aerial lift parts specialist IPS has launched its own-brand range of consumable items for workshops and mobile engineers. The range includes items such as adhesive tapes, greases and lubricants etc... as well as common replacement parts such as bulb kits, cables, hoses, tubing, filters, clamps, and screws. It will also offer a line of tools and personal protection equipment.



Sander Mellaard of IPS with the new IPS branded workshop consumables range at Vertikal Days

More Genie Z-33s for JMS

UK rental company JMS Access has taken delivery of a further 12 units of the 33ft Genie Z-33/18 articulated boom lift from local dealer Workplatform.



(L-R) Mark Jackson of JMS taking delivery of a Z-33/18 from Jonathan Hull of Workplatform

This is the largest single order so far for the Z-33/18, and follows the purchase of three units in January. The Z-33/18 offers a 12 metre working height, 200kg platform capacity and an outreach of 5.6 metres.

Rival restructures - Lawson departs

Dutch international aerial lift and telehandler rental company Rival is eliminating regional reporting groupings for its country organisations. As a result Northern Europe regional director Wayne Lawson has left the business, while the other regional director, Pedro Torres, becomes chief operating officer.

Chief executive Norty Turner said: "This new structure supports our continuous focus on driving performance and improving communication throughout the organisation. We deeply thank Wayne Lawson for bringing his energy, passion and proven leadership skills to the company during the last two years."

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Vp up 12% Vp - owner of UK Forks - has reported full year revenues up 12% to £205.6 million while pre-tax profits jumped 33% to £25.1 million. Revenues at UK Forks were £18.2 million - up 12% with operating profits up 62% to £4 million.



Tat Hong struggle continues

Singapore-based Tat Hong has reported a further fall in both revenues and profits for its full year. Revenues were down 11% at \$608.6 million while pre-tax profits plummeted 62% to \$18.4 million.



Alimak to float



Swedish hoist and mastclimber manufacturer Alimak (Hek) has announced plans for an Initial Public Offering on Stockholm's Nasdaq stock exchange.

PM/ASV boosts Manitex

PM group and ASV boosted Manitex quarterly revenues by \$48.6 million to \$105.9 million, the rest of the business fell 8.5 percent to \$57.3 million. Pre-tax profits were just \$143,000 compared to \$2.8 million last year.



Hertz flat

Hertz Equipment Rental saw a one percent decline in first quarter revenues to \$355 million. The company has not published profit details as it reworks previous financials.



Neff on the rise

US rental company Neff has reported revenues of \$84.1 million in the first quarter, 8.2% up on last year. Pre-tax profits for the period improved 52% to \$12.3 million.

Wacker Neuson profit jump

Austrian telehandler manufacturer Wacker Neuson reported record first quarter revenues of €324.3 million up 11.2%. Meanwhile pre-tax profit jumped 46.6% to €30.2 million.

Another down year for JCB

JCB has reported a six percent fall in revenues for 2014 to £2.51 billion, while EBITDA declined almost seven percent to £292 million. JCB has yet to file its full accounts. Pre-tax profits last year were just under £211 million.



Speedy boost

Speedy has reported a 10% jump in full year revenues to £386 million. However pre-tax profits were slashed from £7 million last year to £2.1 million this year due to exceptionals, without which they were up 64 percent at £19.2 million.



Skyjack on the up & up

Skyjack has posted another record quarter, with sales up 19.5% to \$215 million while operating income increased almost 54% to \$46.6 million.



Hiab on a roll

Hiab achieved first quarter revenues of €212 million - up two percent - while operating profit before restructuring improved almost 44% to €19.2 million. Order intake jumped 17.5% to €256 million taking the order book to €322 million.



Kobelco surges

Kobelco Cranes has reported full year results with total sales up 25.6% to ¥71.1 billion (\$598 million) thanks to stronger sales of crawler cranes in Japan. Overseas sales also improved, particularly in North America and Asia. Pre-tax profits jumped 60% to ¥5.1 billion (\$42.9 million).

Mixed result at Rami

Ramirent reported first quarter revenues up 2.2% to €140.6 million while last year's pre-tax profit of €3.2 million was converted to a loss this year of €215,000.



Steep slide for Mills

The Rental division of Brazil-based Mills reported an 18.2% drop in first quarter revenues to R79.6 million (\$26.1 million), operating income for the quarter was R34.4 (\$11.3 million) 41% down on last year.



Cramo comeback continues

Cramo has reported a 4.8% rise in first quarter revenues to €147.1 million, while last year's pre-tax loss was converted to a profit of €4.9 million. All regions, apart from Norway and Denmark improved.



Ahern raises funds

US-based Ahern Rentals is to raise \$550 million through the sale of eight year Senior Secured Notes with a maturity date of May 15, 2023.

The Bronto bounce

Bronto Skylift achieved first quarter revenues of \$25.1 million, 2.5% higher than last year, while last year's first quarter loss of \$800,000 was converted to a profit of \$300,000 this year.

Another positive quarter for Terex Cranes

Terex Cranes has reported a solid return to profitability in the first quarter although revenues slipped two percent to \$386.9 million. However last year's first quarter operating loss of \$200,000 was turned into a \$3.6 million profit this year.



Bad start for Genie

Terex AWP/Genie saw first quarter revenues decline 14% to \$507.2 million, while operating income in the period dropped from \$82.2 million last year to \$43.3 million this year. However the order book at the end of the quarter was up almost 34 percent to \$699 million.



Strong start for Palfinger

Palfinger posted a strong start to the year with first quarter revenues up by more than 10% to €292.3 million. Pre-tax profits for the period improved almost 23% to €21.1 million.



NCSG adds in Louisiana

Canadian crane group NCSG has acquired Louisiana-based B&G Crane Holdings in an equity purchase.



Tough start for Manitowoc

Manitowoc Cranes saw first quarter revenues drop 13% to \$406.7 million due to lower boom truck and Rough Terrain sales in N. America, and a weak Euro. Operating profits plummeted from \$22.6 million to \$9.7 million.



United outperforms weather

United Rentals experienced a harsher first quarter but saw revenues improve almost 12% to \$1.32 billion. At the same time pre-tax profits almost doubled - up more than 93% to \$182 million.

Tough year for Liebherr

Liebherr has published full year results, with total revenue down 1.6% to €8.82 billion, at the same time pre-tax profits dropped just over 11% to €501 million. Mobile crane sales fell 4.1% to €1.99 billion, although unit shipments increased to just over 1,500 units.



New Multitel MT162

Multitel launched its new Nissan Cabstar mounted MT162 telescopic truck mount with 300kg platform capacity at Vertikal Days. Initial orders have been good with the company selling 45 units in Germany in the first three weeks. The new unit offers 16.2 metres of working height and has a maximum outreach of 11.5 metres with 230kg capacity. With the maximum 300kg, the outreach is 10 metres. The H-frame outriggers front and rear can be deployed either with all four outriggers inboard or extended on one or both sides. With outriggers in-line, the unit still has 6.2 metres of working outreach with 300kg platform capacity or 10.2 metres with one person in the cage.

A hat-trick for Furniture Hoist

The Furniture Hoist Company, the UK agents for Paus hoists and elevators has delivered its first units. Merton-based Greenstone Roofing has taken delivery of a lightweight Easy trailer unit which has a maximum height of 18 metres, while removal company Britannia Sanderstead has taken a 25 metre Easy Big trailer unit. FF&E Supplies has also taken delivery of a 27 metre Contra mounted on a 3.5

tonne Nissan Cabstar for general site work throughout Ireland.

Gary Grogan of FF&E Supplies said: "We have identified a market for general on-site lifting of small loads. The excellent lift height, capacity and compact size of the Paus Contra makes it a viable, cost effective alternative to small cranes and telehandlers."

AFI doubles spider fleet

AFI has purchased 10 new Teupen Leo platforms for its Wilson Access Hire division. The new order includes five 18 metre Leo 18GT and five 21 metre Leo 21GT platforms, the latest additions take the Wilson spider lift fleet to 20 units. Wilson specialises in truck mounted and spider lift rental within the AFI group following its acquisition two years ago. The Leo 18GT has a working height of 17.6 metres with an outreach of 7.4 metres, while the 21GT has a full 21 metre working height and an outreach of up to 12 metres.



FF&E Supplies' 27 metre Contra elevator mounted on 3.5 tonne Nissan Cabstar



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- **John Jennings**, chairman of UK-based **Clements Equipment Hire**, is retiring.
- The first two **GSR** lifts built on Russian trucks for the local utility market have gone into service.
- **AH Lift** has taken delivery of the first **Hinowa 26.14 Performance IIS** spider lift in Denmark.
- The **UK Ladder Association** has appointed **Martin Brooke** as chairman.
- **Gerrit Slijkhuis** founder and managing director of **Malmquist Benelux**, has died age 83.
- **Ramirent** has signed a four year supply agreement with **Statoil Norway**, for aerial lifts.
- A man working in the yard of UK crane company **AGD Equipment** died from a head injury.
- US rental company **Crane Service** has taken delivery of a 300t **Liebherr LR 1300SX** crawler crane.
- **Liebherr Maritime Cranes** has promoted **Gordon Clark** to sales director offshore cranes.
- **Palfinger** has appointed the **Asia Group** as its loader crane distributor for Malaysia.
- The **Galaxy Hotel** in Macao has taken delivery of a further two **TCA Falcon** tracked spider lifts.
- Estonian rental company **Viking Cranes** has purchased its first two **Liebherr** crawler cranes.
- Mexican company **Auriga** has taken delivery of the first **Grove GMK6400 All Terrain** crane in the country.
- US-based **Acme Lift** has appointed **Brian Stanley** as vice president of business development for the eastern USA.
- Abu Dhabi-based **Abu Nasir General Transport** has taken delivery of a **Terex AC 100/4L All Terrain** crane.
- **W. Schnitger**, has taken over the European distribution for **R&B** spider cranes.
- **Terex** has celebrated the 20th anniversary of its acquisition of **PPM** and its facility in Monceau les Mines, France.
- California-based **Community Tree Service** has taken delivery of a **Terex T340-1XL** truck crane.
- **GSR** has mounted a 20m **E200TJ** boom lift on a special Mercedes Zetros 1833 chassis.
- **France Elévateur** has appointed **Michael Held** as regional sales manager northern Germany.
- **Hertz Equipment** has replaced CEO **Brian MacDonald** with **Larry Silber**.
- **Ray Kane**, a former vice president of manufacturing at **Grove Manufacturing** has died age 86.
- **Ritchie Bros** auctioneers has appointed **Terry Dolan** as president, U.S. & South America.
- **Maxim Crane Works** has acquired Florida based **Crane Rental Corporation**.
- The UK's **Access Link** has introduced a sales training programme for dispatchers.
- Italian telehandler manufacturer **Magni** has appointed **Riwal** as distributor for Poland.
- **Maxim Crane Works** has opened a branch in Williamsport, Northeast Pennsylvania.
- **Modern Equipment & Supply** has joined the **Manitou USA** dealer network.
- Italian telehandler manufacturer **Magni** has appointed **Alex White** to head its UK operation.
- South Africa's **Elcon Crane Hire** has taken delivery of a 400t **Liebherr LTM 1400-7.1 All Terrain** crane.



John Jennings



Martin Brooke



Gordon Clark



Brian Stanley



Michael Held



Terry Dolan



Alex White

- **Trojan Battery** has opened a new Research & Development centre in Ireland.
- **Kalmar** has received an order for 18 RT reachstackers from the **US Department of Defense**.
- US-based **Talbert Trailer** has appointed **Sam Guron** as vice president of engineering.
- UK rental company **Facelift** has appointed **Ian Nicholson** as chief financial officer.
- Danish rental company **BMS** has announced a major new international truck mounted lift strategy.
- **MEC** has appointed **TC Equipment** as its distributor for Germany.
- German ladder/tower manufacturer **Zarges** has launched the **Reachmaster** scaffold tower.
- **David Scott**, CEO of **TH White - Palfinger** crane distributor for England, has retired.
- US vehicle mounted lift manufacturer **Dur-A-Lift** has extended its plant.
- **Maxim Crane Works** has acquired the crane division of Indianapolis-based **Poindexter Transportation**.
- **Height for Hire** is offering a €5,000 reward for information leading to the recovery of a **Genie S65**.
- **Huisman** will appoint a new CEO as **Joop Roodenburg** takes on a new role at the company.
- **GSR** has delivered its 7,000th aerial lift - a 23 metre **E240PX** truck mounted platform.
- **HSS** has acquired **All Seasons Hire**, a HVAC rental company.
- **Hocap Netherlands** has delivered a **Jekko** spider crane to **Herpertz Crane Rental**.
- **Riwal** has been appointed sole distributor for **JLG** in Poland.
- French lifting company **L2M** has taken delivery of a two **Maeda** spider cranes.
- **Cargotec** has appointed **Leena Lie** as senior vice president, communications.
- **Mr Plant Hire** has taken delivery of the first 33ft **Genie Z-33/18** boom lift in the UK.
- UK rental company **Hird** has added **Maeda** spider cranes to its fleet.
- **Unic Cranes Europe** has developed a hydraulic luffing jib for two of its spider cranes.
- **Mitas Tires North America** has taken delivery of a 25t **Valla 250E** pick & carry crane.
- UK rental company **Charles Wilson** has ordered the first two 62ft **Airo XL19E** scissor lifts in the UK.
- **Stephan Kulawik**, previously with **Palfinger Platforms**, has joined Danish lift specialist **BMS**.
- **Magna Tyres** and German tyre wholesaler **Reifen Lorenz** have formed a strategic partnership.
- **Aertssen Machinery Services** has taken delivery of a **Terex CC 2400-1** crawler crane.
- **Effer** has appointed a new company, **TLF** as its loader crane dealer in Turkey.
- Tower crane manufacturer **Wolffkran** has appointed **Empire Crane** as a dealer in the USA.
- **Alistair Jordan** has stepped down as MD of UK-based **Rapid Platforms** and will leave the company.
- **Cramo** has appointed **Göran Carlsson** as MD Cramo Sweden.
- **BMS Heavy Cranes** has taken delivery of a 1,350t **Liebherr LR 11350** crawler crane.



Sam Guron



David Scott



Joop Roodenburg



Leena Lie



Stephan Kulawik



Alistair Jordan

- Swedish rental company **Stavdal** has taken two 18m **Denka DK18** trailer lifts.
- **Casey Capital** which owns 6% of **Essex Crane Rental** is looking to place two directors on the board.
- Netherlands-based **HWS Verhuur** has taken delivery of an 86ft **Niftylift HR28** hybrid boom lift.
- UK-based **UTN Training** has opened an indoor training centre at Normanton, Wakefield.
- UK contractor **MJ Barrett** has taken delivery of two new **JCB 535-140 Hi-Viz** telehandlers.
- **Isoli** has obtained EU Small Series Type Approval for its 3.5 tonne truck mounts.
- **Emsley Crane Hire** has ordered its 65th **Liebherr** crane, and taken a 160t **LTM 1160-5.1**.
- **Smith Electric Vehicles**, in which **Tanfield** has a stake, will form a JV with **FDG Electric Vehicles**.
- **Susanna Schneeberger** has been appointed vice president of **Terex Material Handling**.
- UK-based **Star Platforms** has ordered the first new **Haulotte Star 10** mast booms.
- **Brendon Penn Crane Hire**, of Australia, has replaced a **Grove GMK5100** with a **GMK5110-1**.
- **H&E** has reported lower first quarter revenues and profits.
- **Speedy** employees raised more than £5,000 in the London Marathon.
- German rental company **Dornseiff** has taken delivery of a **Liebherr LTM 1500** and **LR 1250**.
- UK-based **AFI** has taken delivery of 40 new service vans.
- **Estancia IT SEZ** in Chennai, India, has taken delivery of a 42 metre **TCA Falcon FS420** spider lift.
- **Peter Elmer** a pioneer of the Swiss aerial lift industry has died age 58.
- The **Spider/SafeWorks** has appointed **JT Foreman** as district sales representative in Houston.
- **TNT Crane & Rigging** has acquired Colorado-based **Rocky Mountain Structures/RMS Cranes**.
- **Welti-Furrer** has taken delivery of the first two **Terex Explorer 5800 All Terrain** cranes in Switzerland.
- **Huisman** has opened its production facility in Brazil.
- **Essex Crane Rental** has appointed **Marc Dowdell** as chief operating officer.
- **DHL UK** has purchased a 40ft **Haulotte Compact 14** scissor lift.
- **PD Ports** has ordered three **Kalmar Gloria** reachstackers for Teesport, UK.
- **Coastline Equipment** of California has been appointed a **Shuttlelift** carry deck crane distributor.
- **Skyjack** has completed the first of its 30 charitable support projects.
- The first **Potain MCT 205** tower crane in Vietnam has been delivered to **FUVI**.
- **Haulotte** has appointed **Amanda Access** as distributor for Southern Africa.
- US-based **Runnion Equipment** has appointed **John Rogalla** as aerial lift specialist.
- **Riwal** has taken delivery of several **Holland Lift** electric & hybrid powered scissor lifts.
- **H&E Equipment** has opened a new location in Charleston, South Carolina.
- **Two Elephant-Asiagroup** has been appointed **Manitowoc** and **Grove** distributor for Burma.
- **Quigley** has taken delivery of a number of new **Liebherr All Terrain** cranes in Northern Ireland.



Göran Carlsson



Susanna Schneeberger



Peter Elmer



Marc Dowdell



John Rogalla

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

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An interesting and varied year

C&A

tower cranes

British Prime Minister Harold Wilson famously said in the 1960s "a week is a long time in politics". Over the past year since our last specific tower crane feature the same could be said about this sector, with major developments on all fronts.

The good news is that the global tower crane market has generally continued to recover, reflecting the growing economic confidence - even from countries in Southern Europe. However it is not all plain sailing with major contractors in particular, caught between rapidly increasing costs (particularly labour and materials) and fixed-price, long-term contracts.

In the UK this manifested itself in the problems at P C Harrington group - a concrete frame contractor but also the owner of HTC Plant, the UK distributor for Wolffkran tower cranes. Although the tower crane side of its business was thriving, the contracting side was suffering financially with P C Harrington Contractors eventually going into administration. After several 'is it

on' 'is it off' months Wolffkran finally acquired HTC in April. Wolffkran runs rental operations in a number of countries, so owning such a company in the UK is nothing new. The deal gives Wolffkran a fleet of more than 200 Wolff tower cranes in the UK, taking the German manufacturer's global rental fleet to more than 750 tower cranes, making it one of the largest tower crane rental companies in the world.

HSE involvement

Again in the UK, the Health & Safety Executive has been very active on the tower crane front. At the end of last year it issued a safety alert reminding tower crane owners/operators to check and maintain slew brake release mechanisms. The warning followed investigations into several incidents involving luffing jib collapses in high winds where it believed that the slew brake release mechanisms were a contributory factor. This warning was generated - although it did not specifically mention them - following two of five Jost hydraulic luffing jib crane collapses in the UK between late 2011 and Spring 2013. Since then Jost has designed a modification kit to cope with the high winds when the jib is at a high out of service angle.

The HSE was also in the news again when it eventually decided to prosecute Falcon Crane Hire and its owner Doug Genge for the fatal Battersea tower crane collapse of 2006 - nine years earlier! There will also now be at least another year's delay because of lack of Crown Court capacity in London.

The common factor in both of these cases is the unbelievably long delay in the HSE publishing or deciding the results of its investigations. If a badly maintained slew brake release mechanism was part of the cause of the incident then it would have been known within the week of the investigation in 2011. Reporting it



sooner might have prevented the other collapses? And if there was a case to answer in the Battersea collapse then surely it should have gone to court at the earliest opportunity?



Schwing Stetter will offer two tower crane models supplied by XCMG which holds a 60 percent stake in the German parent company.

Schwing offers tower cranes

New companies entering the tower crane market are few and far between, however in a bid to diversify its product base concrete pump manufacturer Schwing Stetter (India) has done just that. The cranes will be supplied by Chinese equipment manufacturer XCMG which holds a 60 percent stake in Schwing Stetter's German parent company. Initially two models will be offered - a 35 metre high five tonne XGT63YD (5013-5) and the 50

metre six tonne XGT100YD.

The cranes will be branded Schwing-XCMG and will initially be imported complete from China, but the intention is to manufacture an increasing proportion of them in India, to a point within a year or so where around 80 percent of the crane will be built locally. The company is currently looking whether there is a need for an additional facility to build the cranes.

Liebherr and Comansa act

In April both Liebherr and Comansa took steps to take control of Asian



The Health & Safety Executive issued a safety alert reminding tower crane owners/operators to check and maintain slew brake release mechanisms

HTC Plant - the UK distributor for Wolffkran tower cranes - has been acquired by Wolffkran



operations. Liebherr Biberach completed the acquisition of the Shriro tower crane division. The Shriro Group has had close ties with Liebherr since 1978 when, under the name Peninsula Engineering & Equipment, it became the official Liebherr tower crane dealer in Hong Kong and Macao. Liebherr will now run this sales and rental business itself, while Shriro will focus on its core business - international trade in consumer goods. The deal includes 24 tower cranes with 20 sales and service staff, all of whom have transferred to the new Liebherr distribution operation. The business will report into Liebherr-Singapore which will now be responsible for the Liebherr tower crane business throughout Asia.

Linden Comansa has taken full ownership of its Chinese joint venture Comansa JIE, and changed its corporate name to Comansa Construction Machinery to be branded Comansa CM. The operation which is based in Hangzhou, China, was established in 2006 as a joint venture between Linden Comansa and Jie Holding - originally a producer of speed reducers based in Hangzhou.

A symbolic launch ceremony for Comansa CM took place at the Hangzhou factory at the end of last month. Linden Comansa said that the change in the shareholding will have little effect on the day to day running of the company with a continuation of the sales and product strategy as well as the staff and management team. Comansa CM currently offers a range of 11 flat top tower crane models - with maximum capacities from six to 24 tonnes - which are mainly sold in China, India and South East Asia.



The Liebherr LiUP is completely self-contained and autonomous, using a lithium ion battery drive unit mounted in the base to drive it

Tower crane elevators

Another interesting development is the growth in the availability of tower crane elevators, in time for the change in legislation. Currently France is one of a handful of countries where an elevator is required on cranes more than 50 metres. However from 2017 this will be reduced to cranes over 30 metres and will be widened to include more countries.

Earlier this year Liebherr used Intermat to launch its new self-contained tower crane elevator - the LiUP. The two man elevator rides either inside or outside of the tower - depending on the size - and uses a double rack and pinion drive with dual rails, which can be left permanently installed within the tower sections. The LiUP is completely self-contained and autonomous, using a lithium ion battery drive unit mounted in the base to drive it. When the elevator descends it regenerates - charging the battery as it comes down. As it does not require any supply cables, ropes or drag cables it can be installed and removed quickly and easily.

The elevator can be fitted to new towers or installed on old ones and possibly on other brands of tower crane. New Liebherr tower sections can be ordered with the rails already installed if preferred. The capacity is 200kg and can be operated with a remote control from the drivers cab if necessary. Windows in both sides of the elevator allow the operator to observe and check the tower for any problems as it rises or descends.

Swedish company Tumatic showed its latest lift at Intermat, using very different technology. The Tumatic COH 2001 crane lift is an external 200kg capacity elevator cabin that runs in aluminium rails connected to the outside of the tower, and moves up and down using a tried and tested 2.2kW winch mounted at the base of the tower and cables running up to a beam at the top of the tower. Platform size is 750mm by one metre and lift speed is 17 metres/minute.

Lots of new cranes

Most of the major crane manufacturers have been busy over the past year launching new or upgraded models particularly flat-tops.

Filling the gap in Liebherr's larger luffer jib tower crane range is the



Linden Comansa has taken full ownership of its Chinese joint venture Comansa JIE, and changed its corporate name to Comansa Construction Machinery to be branded Comansa CM

new 700 metre tonne 710 HC-L. Available in two capacity versions - 50 and 64 tonnes with 50 metre jibs - the redesigned crane now has a stacked (rather than hanging) counterweight and a slim tower system - the 2.4 metre section 24 HC - has a free-standing hook height of up to 74.8 metres and can be climbed internally or externally. Hook speeds are up to 218 metres per minute.

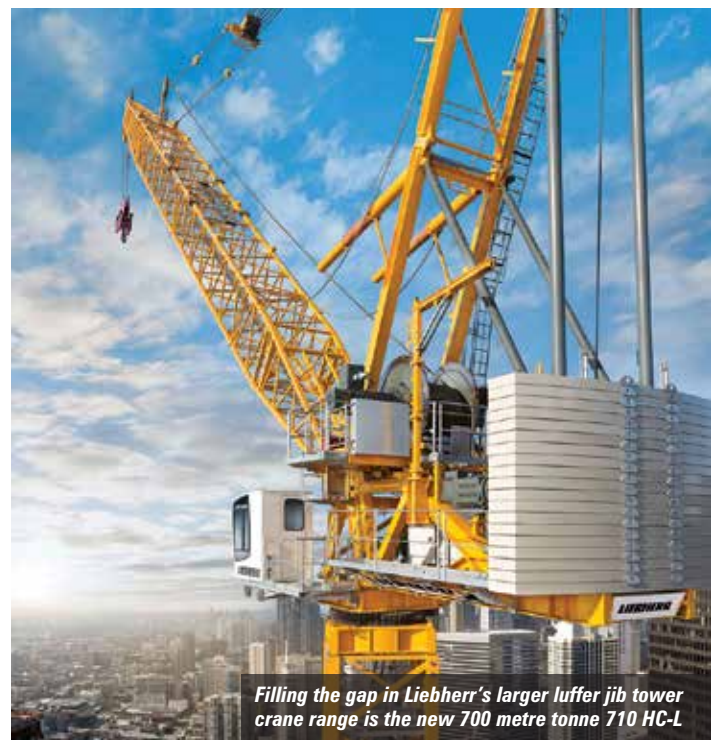
The 710 HC-L has two levels - one for the cab and luffing mechanism and the one above for the hoist drives and winches - said to be a first in this size of luffer - resulting in a more compact footprint. Depending on the requirements for site planning, the cab can be installed on the left or right of the slewing platform if the crane climbs externally.

Liebherr says that "great attention was paid to the details in the design of the crane such as the quick-release fastenings for the slewing platform, cab and jib and the electrical connectors for the drive



Swedish company Tumatic was showing off its tower crane elevator at Intermat

units and switchboard plant make it easier to erect. The bolts for the quick-release fastenings are easy to insert, can be secured quickly and make erection considerably easier. And depending on the requirements for site planning, the cab can be installed on the left or right of the



Filling the gap in Liebherr's larger luffer jib tower crane range is the new 700 metre tonne 710 HC-L

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"The MLC650 and MLC300 will be game changers in the crawler crane market."

Joe Vaccarello, MAXIM Crane Works

"The VPC™ technology is going to set a new standard in Ground Bearing Pressure standards and expectations."

Paul Belcher, Mountain Crane Service

"The VPC™ technology reduces ground prep, which is an immediate savings for our customers."

Rick Mikut, ALL Erection & Crane Rental Corp.

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Liebherr has also redesigned and improved its 160 EC-B flat-top crane, renaming it the 172 EC-B 8 Litronic

slewing platform if the crane climbs externally”.

The crane can be disassembled using Liebherr's 200DR derrick crane and all parts are less than 10 tonnes. The first two cranes have been delivered to New York and should now be assembled by Morrow and starting work in downtown Manhattan.

New flat tops

Liebherr has also redesigned and improved its 160 EC-B flat-top crane, renaming it the 172 EC-B 8 Litronic. Capacities on new tower crane have been increased around 15 percent over its full working radius with a maximum capacity of eight tonnes. It can now handle 2,100kg at its maximum 60 metre jib tip - 250kg more than its predecessor. The crane can be matched with the Liebherr 120 HC, 170 HC or 256 HC tower systems giving a possible maximum free-standing hook height of up to 71.4 metres.

A new feature of the 172 EC-B is the erection of the jib where the load hook and trolley remain on the jib pivot section during transport, eliminating erection work on the trolley. The hoist and trolley travelling ropes can also be easily reeved providing benefits particularly for jib erection in the air. Improved quick-release fastenings

on the cab and switchboard platform allow the compact head to be split quickly to reduce the erection weights. The Liebherr 37kW frequency converter hoist gear is included in the basic version and allows empty hook speeds of 135 metres a minute. A 45kW frequency converter hoist gear is also available as an option with empty hook speeds of up to 177 metres a minute.

New Terex CTT 182-8

With its maximum capacity of eight tonnes, the new Terex CTT 182-8 flat top has five percent more capacity at its maximum jib length of 65 metres, compared to the previous model. Improvements to the winch provides a 30 percent increase in speeds for faster lift cycles, while an AC motor with inverter provides improved lifting precision. A new electrical box and better grouping of internal components simplifies maintenance and improves reliability without the need for low-temperature equipment.

Designed for use in a variety of applications from residential buildings to major infrastructure projects, the CTT 182-8 has a load moment of 180 metre/tonnes. Its main jib can be configured with lengths from 35 to 65 metres in five metre increments, and offers a two



With its maximum capacity of eight tonnes, the new Terex CTT 182-8 flat top has five percent more capacity at its maximum jib length of 65 metres, compared to the previous model – the CTT 181

tonnes capacity at its maximum jib length. It has a maximum free-standing height of 67.2 metres. Terex says that other advantages include ‘a modular jib design, common counter-jib ballast and faster set-up’.

New topless Potain

Potain has launched a new 10 tonne Topless - flat top - tower crane, the MCT 205, which will be manufactured at the company's Zhangjiagang facility in China. It features a maximum jib length of 65 metre at which it can lift 1.75 tonnes. With a focus on fast

Potain has also launched a new five tonne MCT 85 tower crane - the successor to the MCi 85. The MCT 85 has a maximum jib length of 52 metres and a maximum under hook height of 44.6 metres. It can lift 1.4 tonnes to a radius of 50 metres, with 1.1 tonnes at its maximum jib tip. Features include a mono-block counter jib with wind sail plates and the option to reeve at ground level. The tower can also be used with the company's standard MC range of bases. The main features include low-noise levels, simplified assembly and low power consumption.



Potain will also be showcasing its recently launched five tonne MCT 85 tower crane at Bauma China

erection, the complete upper-structure can be assembled in four lifts. The heaviest group of components weighs just 7.9 tonnes and the full 65 metre jib can be placed in a single lift. It is also possible to fit three jib sections into a standard container.

Potain's facility in Zhangjiagang has also reached a major production milestone shipping its 5,000th tower crane. The 5,001st unit - an MCR 225 luffing jib model - was delivered to Malaysian construction company YTL, which bought its first Potain tower crane in 1984 and now operates a fleet of 10 MCR 225s, with more units planned. The new crane was purchased through Inflextec Engineering - which has been Potain's dealer for Malaysia since 2008.

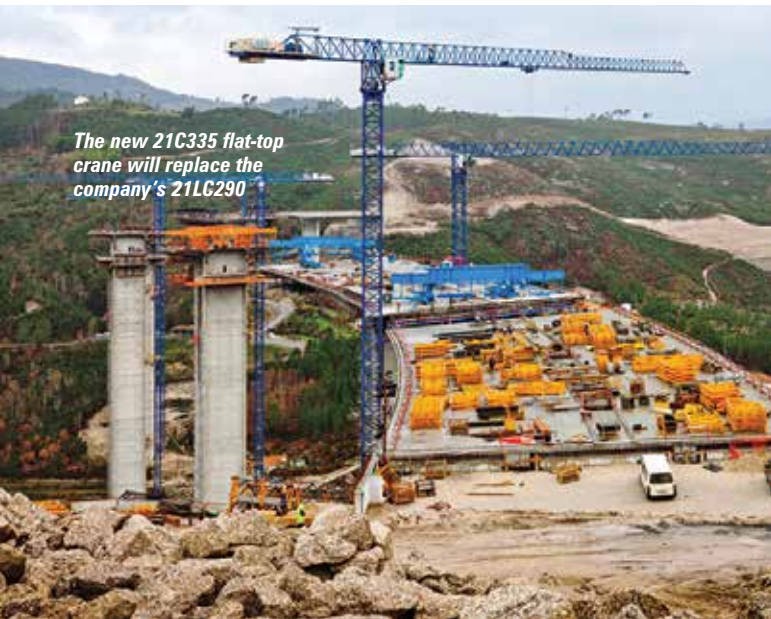
Two new Comansa flat-tops

Spanish tower crane manufacturer Linden Comansa has launched a new flat-top, the 12 or 18 tonne 21C335 joins the company's LC 2100 series and replace its 21LC290, which has been in production since 2002.

Sharing similar characteristics to the 21LC290, the 21C335 has a maximum jib length of 74 metres and a maximum free standing height of 64.5 metres. Capacity has also increased by 25 percent. The 18 tonne version can now lift its maximum capacity at a radius of 19.6 metres and take 6.6 tonnes to 50 metres.

Sharing the same S25 tower sections, jib and counterweight as the 21LC290, changes include modifications to the cat-head and

The new 21C335 flat-top crane will replace the company's 21LC290



the upper turntable, which allows customers to convert their 21LC290 into a 21C335 by replacing these two elements and modifying the configuration of the counterweights. Features include the company's Effi-Plus high speed hoist mechanism and its PowerLift system which provides a 10 percent load chart improvement at reduced speeds.

Comansa Jie - now Comansa CM - also launched a new flat top crane. The six tonne 11CJ132, the first - and smallest - model in the company's new CJ1100 series. Jib

The six tonne 11CJ132 flat top tower crane



lengths range from 30 to 60 metres with a maximum free standing height of 57.4 metres, which can increase to more than 108 metres with the combination of different types of tower sections. The crane is also the first from Comansa CM to feature the PowerLift system as standard.

Something different ...

And finally something a bit different. Swedish-based Artic Crane is

adding another articulated tower crane to its range. The existing Raptor 84 is already proving very popular in cities because of its very compact out-of-service radius, faster operation than luffers - due to the quick folding jib movement - level hook path and because they are light enough to be internally climbed through the floors of a building. The company announced details of the new, larger capacity Raptor 184 at Vertikal Days. With a maximum capacity of eight tonnes at 22.5 metres, it can lift four tonnes

at its full 36 metre radius (the Raptor 84 has a capacity of four tonnes at 21 metres and can lift two tonnes to 32 metres). The jib tip can fold to within 2.3 metres of the centreline of the tower, while the rear counterweight is just 4.5 metres from the tower centre. Using six metre tower sections the maximum free standing height is 42 metres. The first unit should be available for delivery later this year.

Tower crane completes rotor installation

Liebherr's largest tower crane - the 125 tonne capacity 1000 EC-B 125 Litronic with a hook height of 155.5 metres - has completed the installation of a pre-assembled 113 metre diameter rotor weighing almost 70 tonnes, lifting it to a height of 142.5 metres at a wind farm in Deining, Bavaria - one of the leading producers of wind energy in the state.

The 1000 EC-B 125 Litronic has been specially designed for the erection of wind turbines with its variable crane drive and Micromove function, allowing precise positioning of a heavy load. The crane's foundation was integrated into the wind turbine foundation using just half the space of conventional cranes and requiring less forest area to be cleared

To achieve the required maximum lifting height of 155.5 metres,



Liebherr 1000 EC-B 125 Litronic lifting the pre-assembled rotor assembly

simple bracing of the crane to the tower of the wind turbine was all that was required. The installed foundation can also be used for future service and maintenance work by smaller cranes.

Tallest bridge in Israel

The €35 million project employs six Potain tower cranes that are able to climb to final working heights of up to 115 metres



Connecting two tunnels on opposing sides of the Arazim Valley near Jerusalem requires a record-breaking bridge that is as impressive in its height as in its length. As part of the Israel Rail Road Project, the bridge will be part of a 70km rail connection between Tel Aviv and Jerusalem. Once completed it will be the tallest and longest bridge in Israel.

The €35 million project employs six Potain tower cranes that are able to climb to final working heights of up to 115 metres. The rugged and uneven terrain added another challenge for Kokhav Ya'ir-based owners Comasco, which installed the tower crane foundations.

Working about 12 hours a day,

six days a week, the cranes are performing general lifting duties and pouring concrete to build the girder bridge. The cranes include a 16 tonne MD 365 B, two eight tonne MDT 178s and three 12 tonne MD 285s with maximum jib lengths from 60 to 75 metres and jib tip capacities of between 1.5 and 3.2 tonnes. All six cranes are climbing units, anchored to the pylons they are building.

All six cranes are climbing units, anchored to the pylons they are building



Maxim in Miami

Miami, Florida's coastline and financial district are being transformed with the \$1.05 billion mixed-use development Brickell City Centre. The 3.7-hectare city-within-a-city project includes 501,676 square metres of office, residential, hotel, retail and entertainment space creating 3,700 direct and 2,500 indirect jobs once complete.

The lifting equipment involved required careful planning by rental company Maxim Crane Works, which supplied 11 tower cranes - all Terex - of several different types including hammerhead, flat top and luffing jib. Everything from tools, concrete formwork and rebar to structural steel, equipment and concrete are lifted by the cranes.

With the project requiring so many crane configurations it's inevitable

Maxim Crane Works supplied 11 Terex tower cranes including hammerhead, flat top and luffing jib



that interference would be a concern. Five of the cranes are in close proximity to each other so the Terex CTT561/A-20 flat top was chosen with jib lengths of 84 metres. Where space was less of an issue and the need for lifting speed and power was more

critical a hammerhead crane design was chosen.

With the project being close to the Atlantic Ocean and construction taking over three and a half years, consideration was required for hurricanes making landfall. Terex transfer tower sections helped

Maxim meet the stringent wind-load ratings with the initial freestanding configurations. Heavy duty lower segments give a maximum freestanding crane height of 42.7 metres while still meeting Florida's 146mph wind-loading standard.



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Is the trailer lift market starting to stir?

Last year we provided a comprehensive roundup of the latest trailer lift developments - few as there were. The article also stressed the overwhelming benefits and how the product sector is being underestimated and underutilised in most countries. Since the last feature, things have started to stir, although perhaps it is too soon to say whether it is a result of a resurgence in popularity, a by-product of economic growth or simply some overdue replacement activity.

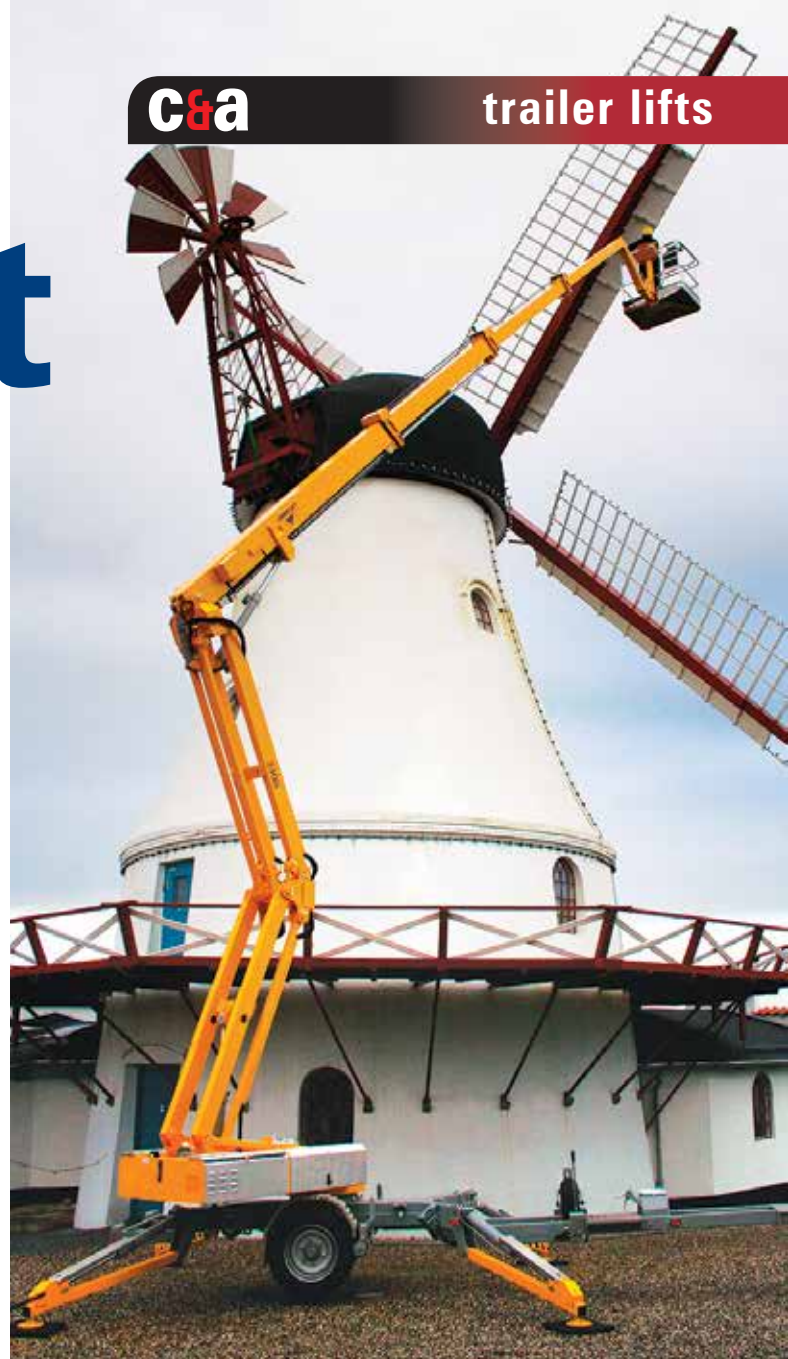
On the way out?

In recent years most aerial lift rental companies have focused on updating and expanding their boom and scissor lift fleets, while also flirting with spider lifts which are fast becoming a mainstream product sector. Our annual Top 30 UK and Ireland rental company survey certainly supports this - with the number of trailer lifts falling from 415 to 266 units over the past five years, while in comparison the population of spider lifts in major fleets has risen from 212 to 457 units. Alternatively, it might simply reveal that major rental companies are becoming less involved with trailer lifts, and that end users and smaller tool hire fleets now account for the majority of sales.

Either way, add in the growing popularity of low level lifts in the UK - which shows every sign of spreading to other parts of Europe and North

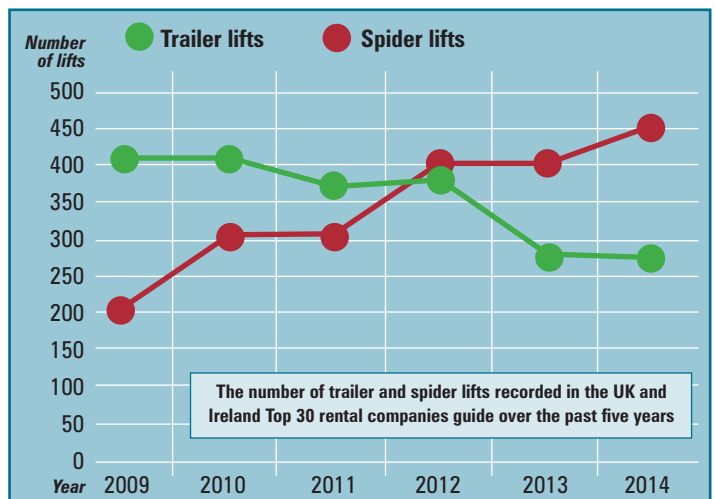
America - coupled with the steady growth of truck mounted lifts, and it is easy to see why trailer lifts and their self-propelled derivatives are struggling to retain their position in the market.

In spite of this however, there has been a fair bit of activity over the past year or so with Denka Lift making a strong comeback under the watchful eye of Manfred Rothlehner in Germany, and companies such as Dinolift doing very well, while looking to add new models and expand its geographical coverage. We also hear that Ommelift has plans to further develop its trailer lift range - something it is keen to keep tightly under wraps. Niftylift meanwhile continues to ship a dozen units a week, while Matilsa and others continue to offer a range of trailer lifts. In North America - once a trailer lift desert - JLG and Genie



continue to promote their two model trailer lift products, although they seem less keen to invest any development resources to expand the range. Snorkel, which inherited the UpRight TL range, and Haulotte are still significant

regional producers - but the French-based manufacturer is clearly no longer promoting trailer lifts or its self-propelled Bil-Jax machines in Europe. One interesting development is Palfinger's investment in Argentinean trailer



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Niftylift T120



Genie TZ-34/20

lift manufacturer Hidro-Grubert, however in this case it is likely that it is more interested in the company's truck mounted lifts and loader cranes than trailer lifts.

Niche or just misunderstood

Lightweight, uncomplicated and easy to transport, trailer lifts are ideal for users/contractors which are involved in maintenance/ decorating, window cleaning and arboriculture work. They also act as a great gateway product for the access industry as they are less intimidating for inexperienced users. Relatively cheap to purchase and simple to maintain, they are also ideal for tool hirers and general rental companies, providing a good return on investment and benefitting from excellent residual values. With so much working in its favour, it is perhaps a tad surprising that trailer lifts are not more popular... But they

certainly have their time and place.

The downsides

While the trailer lift has the advantage of price and weight, it does have a larger footprint - often twice as wide as a self-propelled - and is not so easy to move around on site. Towing can also be an issue. Southern Europe in particular has never been a strong market for trailer lifts, mainly due to road regulations relating to towing equipment behind cars, not to mention the challenges of type approvals. Certainly in Europe driver licensing regulations make it increasingly challenging, although this very much depends on how the rules are implemented or enforced locally. While getting a straight and clear answer on the question of how much weight can you tow can be elusive, what is generally clear is that if the combination of towing

vehicle and trailer weighs more than 3.5 tonnes, then a tachometer ought to be fitted to the towing vehicle - something that will put off an occasional user... With typical 4x4s weighing anywhere up to 2.5 tonnes, it doesn't leave much room for a trailer. To complicate matters, in some areas this tachograph rule is not applied, while in others a user is restricted to operate within a given radius - often up to 20 miles - of his base... which on reflection, might be enough for a local rental company servicing its local market.

Reducing the size of the problem

Another problem often stated by users is the length of trailer lifts. Compared with spider lifts for example, trailer lifts can be cumbersome and difficult to manoeuvre, especially if they need to work or pass through tight



Genie Z-33/18

Genie trailer vs boom comparison

	Z-33/18	TZ-34/20
Working height	12m	12.36m
Max capacity	200kg	200kg
Max outreach	5.57m	5.59m
Height stowed	1.98m	1.94m
O/a width	1.5m	1.45m
O/A length	4.17m	5.5m
Basket dimensions	1.16mx760mm	1.2mx680mm
Weight	3,665kg	1,438kg
Working dimensions	1.5mx4.17	3.59mx5.5m

When comparing Genie's TZ-34/20 trailer lift to the company's recently launched Z-33/18 boom lift, it is interesting to see how similar they are. Perhaps a slightly unfair comparison, however it does make a surprising point. The Z-33 and TZ-34 share an almost identical working height, outreach, platform capacity and overall dimensions, while the trailer lift is 2,227kg lighter. It is however, 1.3 metres longer at 5.5 metres and has to overcome a much larger footprint which ultimately impacts its performance.



Trailer lifts are not always as manoeuvrable as other aerial work platforms

spaces. That being said, there are a number of products on the market which have consciously tackled this problem head on.

One trailer lift in particular is the Co.Me.t XTrailer. Renowned for developing innovative booms, the Italian manufacturer teamed up with XTRUX last year to introduce a 12 metre trailer lift which has an overall length of just 3.1 metres. Offering 4.5 metres of outreach with a 200kg unrestricted platform capacity, the XTrailer also offers an up and over height of six metres due to its double sigma riser. Weighing 1,150kg, features include 180 degree platform rotation, built-in platform power options and engine start/stop function. It also has an auxiliary engine option to operate the platform. Another product worthy of a mention is the Denka Junior 12. Discussed later on in this article, the Junior 12 is only 750mm wide, so ideal for single doorways and only weighs 990kg!

Multiple power options

Another direction which the sector has been following is the conversion from diesel/petrol to batteries - or some form of simple hybrid bi-energy system. As well as allowing for indoor and outdoor use, without the need for trailing cables, it also provides clean and quiet operation. By no means a new concept, it appears to be the direction most

aerial work platforms are taking, and one that is likely to drip feed down to trailers.

Danish spider and trailer lift manufacturer Ommelift is no stranger to hybrid technology having produced its first bi-energy Omme 20000Z trailer lift in 1989 and its first diesel/battery trailer lift in 1994 with the 25 metre Ommelift 2500EBD.

Managing director Harry Lorentsen, said: "There was a clear market need for a true hybrid machine that combined the benefits of a diesel engine and a battery power pack. We wanted to move beyond the

standard bi-energy configuration by properly integrating the two power trains. We produced the Ommelift 2500EBD in 1994 and have continued to develop our true hybrid philosophy ever since."

Gerhard Piesker, owner of AVL Arbeitsbühnenvermietung, which purchased one of the first hybrid 2500EBDs, added: "One of the main advantages was the powerful battery drive, which enabled independent and environmentally friendly operation. This was especially appreciated in residential areas, particularly in Berlin, where they are a perfect substitute to the popular 3.5 tonne truck mount which cannot be used on pavements or in

courtyards etc. In the rural areas of Germany, Ommelifts are also liked by many contractors such as tree surgeons for their flexibility, high performance and ease of use."

Dinolift strives forward

Last month at Vertikal Days Dinolift launched its new 18.4 metre Dino 190XTE trailer lift. Offering an outreach of 9.3 metres and an impressive 250kg platform capacity, the lift also features a larger platform and a new easy-entry gate, which the company says will help improve productivity.

The new XTE, like the rest of the Dino range includes 360 degree continuous slew, self-propelled friction wheel drive, 180 degrees hydraulic platform rotation, while it can also level on slopes of up to eight degrees. A lifting point fitted below the platform also allows for



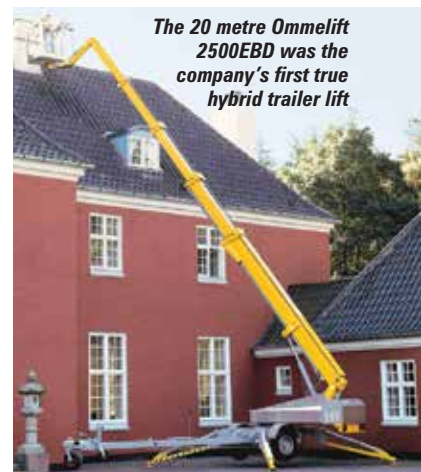
Co.Me.t's 12 metre XTrailer only measures 3.1 metre in length



Denka's Junior 12 is only 750mm wide



The Co.Me.t X Trailer



The 20 metre Ommelift 2500EBD was the company's first true hybrid trailer lift



Last year Dinolift celebrated its 40th anniversary



Harry Lorentsen showcasing an Ommelift hybrid drive train

How the Co.Me.t and Denka competes with other 12 metre lifts:

Make & model	Co.Me.t XTrailer	Denka 12 Junior	Niftylift Nifty 120T	Dinolift Dino 120T	Ommelift 1250 E	Snorkel TL34	Genie TZ-34/20
Working height	12m	12m	12.2m	12m	12.5m	12.1m	12.36m
Max capacity	200kg	120kg	200kg	120kg	200kg	215kg	200kg
Max outreach	4.5m	6.7m	6.1m	7.9m	8.5m	4.3m	5.59m
Height stowed	2.1m	1.84m	1.9m	1.96m	1.97m	2.2m	1.94m
O/A width	1.8m	750mm	1.5m	1.72m	1.6m	1.59m	1.45m
O/A length	3.1m	5.05m	4.5m	5.52m	7.1m	5.2m	5.5m
Basket dimensions	1000mmx700mm	-	1.1mx650mm	850mm round	1.25mx 800mm	1.2mx800mm	1.2mx680mm
Weight	1,150kg	990kg	1,400kg	1,285kg	1,600kg	1,320kg	1,438kg

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materials weighing up to 250kg. Dinolift's Karin Nars, said: "Continuously improving our trailer-mounted range is a strategic decision. Why? We believe that the main advantages of trailers are equally, if not increasingly important in the future. Trailers are cost efficient, low weight and easy to move on the road. But also, more and more importantly, the resale value of a well-built trailer lift is very good, because of the vast second hand market available. Infrastructure is improving in large parts of the developing world giving better opportunities for people to tow equipment. But in order to compete with other types of work platforms, trailers need to be up to the job, being easy to set up and operate, comfortable and of course safe to use. And they need to constantly develop according to the needs of the market and the users."

Last year Dinolift also introduced a renewed version of its popular XT range - the XT II. Improvements include hydraulic platform rotation along with greater outreach and levelling capabilities. It is also in the

process of expanding its geographic coverage with the appointment last year of Reachmaster in North America, and its decision to sell direct in the UK with product support from Central Platform Services. Reachmaster launched the three model Dino RXT range of semi self-propelled boom lifts (essentially and over simplistically a trailer lift with 4x4 drive-train and no tow bar) to the American market and now plans to promote its trailer lift range. The Dinolift RXT models compete with the Bil-Jax/Haulotte SLT and Niftylift SD ranges, which are appreciated by golf courses and tree companies for their light weight and higher travel speeds, but are clearly under appreciated by rental



Ebbe Christensen of Reachmaster and Karin Nars from Dinolift.



Dinolift's latest 18.4 metre DINO 190XTE features a 250kg capacity lifting point underneath its platform.

companies. In the USA a third player is likely to increase awareness and expand uptake, as well as offering a replacement for the Scanlift/Kesla models that were sold in earlier years.

Europelift

Another 18 metre trailer lift to hit the market recently is Europelift's TM18GT, which was launched last October. Developed by the Hungarian trailer and truck mounted lift manufacturer the new lift offers a



Europelift's 18 metre TM18GT

10 metre outreach, 200kg platform capacity, 90 degree platform rotation and a wheel drive assist system.

Denka back in the game

German rental company Rothlehner purchased its first Denka trailer lift in 1983 and was appointed a distributor in 1987. After the Danish trailer manufacturer filed for bankruptcy in 2012, it did not take too long for Rothlehner to acquire the design rights and replacement parts business. At the time Rothlehner chief executive Manfred Rothlehner said: "We want to finish the turbulent times of Denka and bring the brand back to a strong position. Before first deliveries of new machines will happen, some challenges have to be solved."

More recently he added: "We have now received orders from 35 countries as customers appreciate having a reliable partner for the Denka products again. As a result

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Denka has made a strong comeback under the watchful eye of Manfred Rothlehner.

the number of requests for new machines is growing. In sales we still have to be careful to keep our promises. As a long-term distributor we know very well what is expected from a manufacturer."

After ensuring the continuity - or rather massive improvement - of replacement parts supply and support, Rothlehner began manufacturing new Denka lifts in Germany. Over the past 18 months it has gradually increased output to four units a month and plans to double this by the start of next year. Currently its most popular models are the 12 and 18 metre trailer lifts, with the Denka 12 Junior being particularly popular - even though the model initially struggled when launched, possibly due to its high price at the time. The articulated telescopic lift offers 6.7 metres outreach, a 1.84 metre stowed height, 750mm overall width and a total weight of 990kg.



Allan Jensen of City Lift taking delivery of a Denka Junior 12 from Manfred Rothlehner



Matilsa's Parma 7

Back to the past

Other products of interest, although not necessarily new, is Matilsa's 7.5 metre Parma 7, similar in design to Go Industries' Hop-Up plus. Measuring just under two metres in length, the Parma 7 offers an outreach of 4.3 metres while only weighing 450kg.

Platform Basket ends trailer development

In 2010, Italian manufacturer Platform Basket decided to take a look at the trailer lift market, and announced plans for a three-model range - in spite of the fact Italy has never been a market for trailer lifts, preferring small truck mounted lifts instead. A prototype was shown at Bauma 2010 - the 17.7 metre TR 18.90 - featuring bi-energy power, articulated jib, platform rotation etc... and it was one of the lightest in its class at 1,800kg and the shortest at just 5.76 metres. It was shortly followed by the 15 metre TR 15.80, but a planned 13 metre model never materialised as the company realised that the trailer lift market is simply too tough for a new entrant, especially if you do not have a home market to build upon. As a result Platform Basket has dropped its trailer lift plans and decided to focus on what it does best - spider lifts and specialised self-propelled boom lifts.



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Platform Basket has dropped any plans to develop its proposed 12 metre trailer lift

Nifty expands

When it comes to trailer lifts the two major players are probably Niftylift and Dinolift. Niftylift has been building trailer lifts for 30 years and offers a range of models from nine to 21 metres. It currently builds around 12 units a week, which it sells all over Europe and North America. The company now builds far more self-propelled booms than trailer lifts, but it remains an important part of its business, with little development time required in what it sees as a relatively mature market. The company has now moved production into its impressive new 28,000 square metre facility in Milton Keynes

and plans to increase production in order to keep up with demand and reduce lead times. It is clear from a tour of the new facility that its best seller by far is the relatively compact highly specified 12 metre 120T. Although it still offers and sells a decent number of the non-telescopic 120 and even the diminutive 95 which weighs just 750kg fully equipped.

The demand for new models is relatively stable,

although it is currently seeing a bit of an upturn with a number of multiple orders. What is surprisingly is demand for used Niftylift trailers, which fetch good money when offered for sale. Normally this spurs on higher sales of new models, as rental companies realise that they can update for a small cash outlay, however this market phenomenon does not seem to apply as much to the modern day trailer lift market. Perhaps this is because rental companies are reluctant to invest in what they might see as a dying market? Or maybe due to the fact that older ones are so simple and reliable - and with no new technology to outdate the old there is no need?



Niftylift has opened its new UK production facility in Shenley Wood, Milton Keynes



Niftylift currently builds around 12 trailer lifts a week

IAPS specialises rental business

Earlier this year Height for Hire Scotland, IAPS' rental company in... Scotland, appointed Leigh Baker as its new director and changed its name to Specialized Access, signalling the company's new direction as well as to better reflect its product range. Ed Darwin travelled to its base in Wishaw to find out more.

APS was founded by Jim Daintith in 1987, and has been a selling new and used equipment in Scotland for many years, as well as providing service, maintenance and repairs. In 2008, Shane Paver, director of APS Scotland, created a small rental fleet to meet demand from customers who were looking for a complete package.

After a successful first year offering general boom and scissor lifts, Paver introduced a spider lift into the rental fleet. As a dealer for Hinowa and Ommelift, this served the dual purpose of helping increase awareness for these products, as well as encouraging sales through a 'try before you buy' approach.

Paver said: "Tracked booms are comparatively expensive compared to standard self-propelled machines, so rental companies were naturally cautious about investing. Hiring our machines enabled our rental customers to build up a customer base before they committed to purchasing one. It was a low risk way for them to fully understand the return of investment opportunities and test market the level of demand."

APS Scotland expanded its rental fleet further with the acquisition of Height for Hire in 2011, and to help differentiate its sales and rental operations placed all of its rental business under the Height for Hire name. Spider lifts proved popular with local authorities and maintenance companies and were frequently cross-hired by rental companies - including Pinnacle Platforms which was previously owned by Specialized Access' newly appointed director, Leigh Baker.

Baker started work in the tool and general rental industry before entering the access market in 2001. In 2008 he set up Lanarkshire-based Pinnacle Platforms which was later sold to Kimberly Access. After taking a couple of years out from the industry he returned and after some discussions with what is now IAPS, joined Height for Hire, taking a stake in the business. It was at this point the company renamed as Specialized Access.

Under his direction, the company is transforming itself from a general purpose platform rental business into a specialist supplier, offering spider lifts and truck mounts as well as other niche or hard-to-find aerial



The Specialized Access team: (L-R) Louise Gold, Bryan Rodgers, Jamie Palmer (crouching), Alec McLean and Leigh Baker

work platforms such as mast booms and Genie AWP's. This strategy also means that it does not compete head to head with IAPS' mainstream rental customers.

"Along with tracked booms our focus is to remain at the leading edge of specialist products that don't compete with conventional hire companies," said Baker. "We intend to grow the spider market in Scotland by raising awareness for their productivity and safety benefits. With compact dimensions, low ground pressures and the ability to work on uneven surfaces these booms truly offer an alternative to more common ways of working at height safely. For example the benefits over scaffolding can be that the job is completed quicker, without the mess and security risks and at a fraction of the price."

Its truck mounted fleet already includes telescopic and articulated models ranging from 14 to 52 metres while its spider lift fleet - topped by a 30 metre Ommelift 3000RBJ - has an average fleet age of two years. New machines include Hinowa spider lifts, CTE and Isoli truck mounts, Manitou mast booms and Versalift van mounts. Specialized Access is also offering training courses for these products, which will help raise further awareness of the niche products.

"Tracked and truck-mounted booms are the real problem-solvers of our industry, providing access to places other machines simply cannot reach. Contractors who hire these specialist machines rightly want assurances that they can also get specialist advice and support from genuine experts that they can trust."



Still part of IAPS, Specialized Access will now focus on providing niche products throughout Scotland



Specialized Access wants to compete with scaffolding companies rather than general scissor and boom lift rental companies



Specialized Access is also offering certified training courses from its location in Wishaw

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A major event in the show calendar

This year's Vertical Days has established the show as a major event in the European exhibition calendar. With a display of cranes and access equipment unrivalled this year, the show has grown and developed year on year, not only establishing itself as the UK's top lifting event but increasingly attracting visitors from further afield.

Held again this year in May, the weather - despite poor forecasts that included high winds during set-up - was warm and sunny on the first day while the Thursday remained dry, although cold. Traffic congestion in the vicinity of Haydock Park - caused by major road works at the intersection of the East Lancashire Road and the M6 - meant queues to reach the venue were longer than normal, but even these did not spoil visitors' enjoyment.

This year is the ninth since its launch in 2007 with the show growing in size every year since, setting new records again this year in terms of the number of exhibitors and visitors. Many subtle improvements were again added including the layout, relocating and expanding the Marketplace, entrance layout, food and evening party. Coming just a few weeks after Intermat in Paris, one might have thought would have caused a few problems. However the buoyant UK market ensured a record turnout with all the major manufacturers or dealers being present.

Each year the show aims to improve the visitor experience and this year was no exception. The relocated and extended Marketplace was busier than ever with almost 40

exhibitors showing a wide range of products and services from as far afield as North America and the Far East. With the ALLMI village absent this year it meant more space and a more regular stand layout for the increasing number of exhibitors in the open area. The food serving arrangements in the catering pavilion were doubled and this eradicated the queues of previous years - unfortunately a bi-product of the show's success.

Cranes

The crane exhibitors were out in force with the best display of crawler, mobile, pick & carry, spider and tower cranes for more than 15 years. All the major manufacturers were present, reflecting the current mood of the industry. The prize for largest crane at the show went to crane rental company NMT and its new 700 tonne Terex AC700, not only centre of its stand but also dominating a large proportion of the show with its hefty luffing jib. However there were many other impressive mobile cranes on show, including several with capacities of more than 300 tonnes and Grove used the global



New cab on the new 250 tonne Grove GMK 5250



C&A

vertikal days



Probably the best display of cranes in the UK for more than 15 years

launch of its new 250 tonne GMK 5250-1.

First time exhibitor Kobelco, together with long-time supporters NRC and Liebherr all showed large crawler cranes - a 135 tonne Kobelco CKE 1350G, 80 tonne Hitachi-Sumitomo SCX800A-3 and 60 tonne Liebherr LTR 1060 - and

it was also good to see several telescopic crawlers including a world premiere of the all-new 50 tonne Sennebogen 653E on the AGD stand. Other notable exhibits included two telescopic crawlers from Link-Belt - the Tier IV TCC1100 and 50 tonne TCC500 which made its European debut.



Biggest crane at the show was NMT's 700 tonne Terex AC 700 with its hefty luffing jib



World premiere of the new 50 tonne capacity Sennebogen 653E telescopic crawler

with the 1.5 tonne capacity Hooka pick & carry crane from Hook-Up Solutions. Its latest version - designed to move bulk building materials and seen for the first time at the show - included a 700mm longer boom, making it easier to lift and place bulk-bagged material.

Spider cranes were also well represented with the latest models from Unic - the Unic 295 with a 3.4 metre hydraulic jib - and Maeda's articulated MK 1033. JT Cranes showed the latest upgraded 1.5 tonne Hoeflon C6 spider crane, while Promax displayed a Reedyk C3412.

With interest growing in the UK for Rough Terrain cranes, Crowland Cranes displayed a 40 tonne Grove RT540E alongside a 20 tonne Yard Boss YB5520-1 industrial crane - a possible replacement for older 'Iron Fairy' cranes? If not then there were more traditional pick & carry units from Valla and Galizia, with two new Valla models - the 12 tonne 120ES and the 18 tonne 180ES both with new five section booms.

Truck cranes were also represented with the 60 tonne Marchetti MTK60 making its UK debut. Aluminium truck cranes were catered for by Böcker and a Paus trailer crane and furniture lift was also to be seen. Mobile tower cranes were out in force on the Spierings stand, including its latest Euro 6 SK1265-AT6 with new cab which has already found numerous buyers including Bronzeshield, City Lifting, Bryn Thomas Crane Hire and BCHC (Birmingham Crane Hire).



AGD Equipment was showing this 60 tonne Marchetti MTK 60 truck crane with 40m power boom and 8-14.5m fly

Of course Vertikal Days is also about the unusual and the slightly different. This year there were several tracked chassis utility vehicles - the Terrain Master TC600 and Versalift's range of tracked utility vehicles - along



Hook-Up Solutions' new 1.5 tonne Hooka pick&carry crane with 700mm longer boom to lift pallets or bulk materials bags.

And finally tower cranes... City Lifting was well represented around the show with mobile cranes, but on its own stand showed an eight tonne capacity Comansa 11LC 160 which has a maximum 65 metre jib length and compact slewing platform design with new trolley system. The company also represents Artic Cranes and had details of its latest articulated jib Raptor 184, which should go into production soon. The crane can lift four tonnes at its maximum radius of 36 metres and eight tonnes at 22.5 metres, while the jib folds to within 2,300mm of the tower and it has an out of service radius at the rear of about 3.6 metres. Using six metre tower sections the maximum free standing height is 42 metres. Finally on the Manitowoc stand there was the Potain IGO M14 self-erecting tower crane.

Access

Vertikal Days is a must visit event for anyone interest in powered access. Since its inception it has attracted all types and sizes of access equipment. This year big truck mounts were back in fashion. After a few lean years sales of the 40 metre plus machines have picked up and this is seen in the larger exhibits from the likes of Bronto, Palfinger and Ruthmann.



One of the first two axle Palfinger 48m P480's in the UK sold to Loxam

Skyking - UK Palfinger platform distributors - showed a 90 metre P900 sold to Blade Access, as well as the first of three, two axle 48 metre Palfinger P480 in the UK sold to Loxam. Bronto debuted the 47 metre S47XR mounted on a 26 tonne Volvo FM chassis as well as a 90 metre S90HLA. Ruthmann had several truck mounts on display, including a 63 metre T630 and 72 metre T720.

At the opposite end of the access scale, the small push around lift is always well represented. This year Italian company Big Astor launched its People Lift push around scissor the four metre working height MAK 1, with removable guardrails. Show regular Power Towers highlighted its new 4.2 metre Ecolift - the Pecolift's big brother. The Access Platform Company had the recently launched



The Almac bibi 850 showing off its levelling capabilities

Skywinder 300 AT with rough terrain tyres and outriggers for outdoor use. Moving up the height scale and making its UK debut was the latest 7.5 metre working height, 250kg capacity Almac bibi 850 tracked scissor with auto levelling chassis, with at least four orders booked during the two days.

The number of debutants is enormous so here are brief details of just a few which included -

Hinowa's 26 metre Lightlift 26.14 spider lift, Snorkel's S3219E and S4732E electric slab scissors, the largest scissor at the show - Holland Lift's HL-275 Hybrid with 27 metres working height and 1,000kg capacity, ATN's new secondary guarding system, Avant Techno Leguan 135, Genie Z-33/18 and Z-62/40 booms, the Manitou Man'Go 12, the 12 metre JLG Toucan 12E Plus and 26 metre X26J Plus spider lift, Dingli's 11.5 metre mast boom, Multitel SMX 300 HD spider and 16.2 metre MT 162 truck mount, 20.7 metre CTE Zed21.2JH, the re-engineered Niftylift HR17N Hybrid boom, Oil&Steel's 20 metre Snake 2010H, Platform Basket's 33 metre 33.15 lithium powered spider and 22 metre 22.10 spider, Skyjack's new 86ft SJ86T, France Elevateur 142TPFe van mount and 24 metre 284TBE truck mount on a 3.5 tonne chassis and several Versalifts including the ETM38F and 13 metre ETL36F van mounts....

There were so many new and unusual items of equipment - some arriving unannounced at the show - that it is difficult to identify each and every one. Most will be covered in the pictorial review which also includes telehandlers from JCB, Faresin, Manitou, JLG and Genie and other interesting equipment, services, training, electronics and components that were on show.

Vertikal Days has never been about visitor numbers, although those attending must represent around 90 percent of the UK buying power.



As well as showing its Pedestrian Tunnel and modular pedestrian footpath, Big Astor showed its first People Lift push around scissor. Working height of the Genius MAK 1 is 4m and it weighs just 94kg.

Ultimately a show's success is measured by good contacts and relationships being made and the resulting sales. Many exhibitors reported 'out of the blue' unexpected sales, and as usual there were many comments about the quality and serious nature of the visitors with regards to enquiries

and purchasing ability.

Next year - 2016 - will be the show's 10th anniversary and further developments and improvements are planned. Let's hope the industry continues on its upward trend and Vertikal Days 2016 will be even bigger and better!



A Snorkel A62JRT



Air-Seal was showing its range of tyre sealants which claim to prevent up to 95 percent of all punctures up to 30mm



Duncan Titmarsh of Bright Bricks building a Genie boom out of Lego



Genie's recently launched 62ft diesel Z-62/40 boom lift



All smiles on the Cumberland Platforms stand - now UK dealer for Imer and Iteco access equipment



One of two sizeable truck mounted platforms purchased by AA Access - this one was on the Ruthmann stand



JLG telehandlers with the 2505H in the foreground



A world exclusive - Grove's 250 tonne GMK 5250



An impressive line-up from Tadano



Access Sales International's stand with Ruthmann truck mounts



JCB 525-60 Hi Viz



Comansa's UK flat top tower crane distributor City Lifting showed off an 8 tonne 11LC-160 which has a 65m maximum jib length

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Universal Crane Mats launched two all new products the UniMat Aluminium Modular Load Spread System tested to 150 tonnes and the Azobe (Ekki) Sleepers System



In the Market Place Solum was showing off its new aluminium temporary foundation and crane outrigger mats



Easy R180 spider lift on UK distributor Skyking stand



Both Quinto Cranes and City Lifting had several mobile cranes at the show - these are on the Tadano stand



Crowland Cranes is experiencing a lot more interest in cranes such as this Grove RT540E



ATN's PIAF 810 tracked mast boom during the show set-up



Is it a bird, or is it a plane Two visitors shield their eyes against the sun and try and get a better look at a large truck mounted platform



The Ascendent access Ant Arctic trailer



King Lifting's Liebherr LTM 1300 6.2



KFS Special Vehicles' plant trailer



John Sutch's 350 tonne Liebherr LTM 1350-6



Just part of the large selection of platforms on the Versalift stand



As well as its Terex AC700, NMT also had this Terex Challenger 3180 on its stand



Manitou 260TJ



Hird was showing these two Valla pick&carry cranes including the new 18 tonne 180ES at the rear



Autoguide's Terrain Master TC600 designed to carry a 9 tonne metre loader crane or 20 metre work platform

Cautrac was showing this Marooka crawler chassis mounted with a PM 17.5P loader crane



JLG stand



First time exhibitor Kobelco had its 135 tonne CKE1350G crawler on the stand



A 13.2 metre Socage A314 truck mounted lift on an Isuzu D Max chassis



A selection of Custom Equipment's low level access platforms on the Hy-Brid Access Platforms stand



Terex AC350-6 to Bronzeshield

The new Platform Basket 33.15 lithium with other cranes and access exhibits



Biggest crane at the show was NMT's 700 tonne Terex AC 700



Lifting and rigging equipment specialist Lifting Gear UK had plenty on show



The Access Platform Company showed its widest range of low level access equipment to date including the 5m Skywinder 300AT and handpowered lifts including the Quickstep, Powerscissor and Powerlift



The Liebherr stand including the Weldex crawler



Versalift's new 13m ETL-36-135-F on a 3.5 tonne van



Virtual simulation specialists CM Labs Simulations was making its show debut with two sophisticated training simulators. This five screen set-up is for training on cranes and heavy equipment



Dinolift 220XTC II



Every type of equipment was at the show

Terex Explorer 5800 in Bronzeshield colours



Manitou's Tony Hobbs with the new Man'Go 12



Italian lift and scaffold manufacturer Faraone and its travelling stand



A CTE Zed 21 JHV sold to Clements Equipment Hire



One of several CMC lifts - this is an S19.07 sold to Higher Access

C&a vertical days



ATN, France Elevateur and Oil&Steel distributor Utility Equipment was showing this France Elevateur 142TPFe van mounted platform



Ainscough Training Services is one of the UK's largest independent lifting training providers



Clare Engelke of the Vertical Press taking on the Bronto 2015 Operator Challenge on Bronto's latest training simulator



Oil&Steel's 20 metre Octopus 20 spider lift



(L-R) Tim Blanchard, Mark Underdown and Charles Sterling of Hook-Up Solutions and the Hooka pick&carry crane



Lots of equipment on the popular Hinowa stand



Teupen spider lifts



JT Cranes showing off its new 1.5 tonne Hoeflon C6 mini crane and its two tracked carriers including the new 4 tonne D40



Models in the entrance tent



Mitas launched its CR-01 radial crane tyre suitable for ATs



Spreader beams from Lifting Gear UK

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A 13.2 metre Soqage A314 truck mounted lift on an Isuzu D Max chassis



Easy R180 spider lift on UK distributor Skyking



A Versa-Lift 40-60 industrial forklift from Bryn Thomas Industrial Services



ATN new secondary guarding system on its boom lift



Hoeflon 1,5 tonne C6 mini crane



Martin Cheese of Power Towers had a good show



Ground-Guards launched its MaxiTrack temporary roadway system in the UK



Winlet glass handlers



The new IPS branded workshop consumables range



Lifting and rigging equipment specialist Lifting Gear UK had plenty on show



The Galizia GF200E pick and carry crane on the GGR stand



Scheuleur SPMT



The only self erecting crane - the Potain IGO M14



Link Belt TCC1100 on the NRC stand with King Lifting's 300 tonne Liebherr in the background



Show manager Pam Penny of the Vertikal Press awarding the TVH mini forklift to draw winner Martin Stevenson service manager at CTE



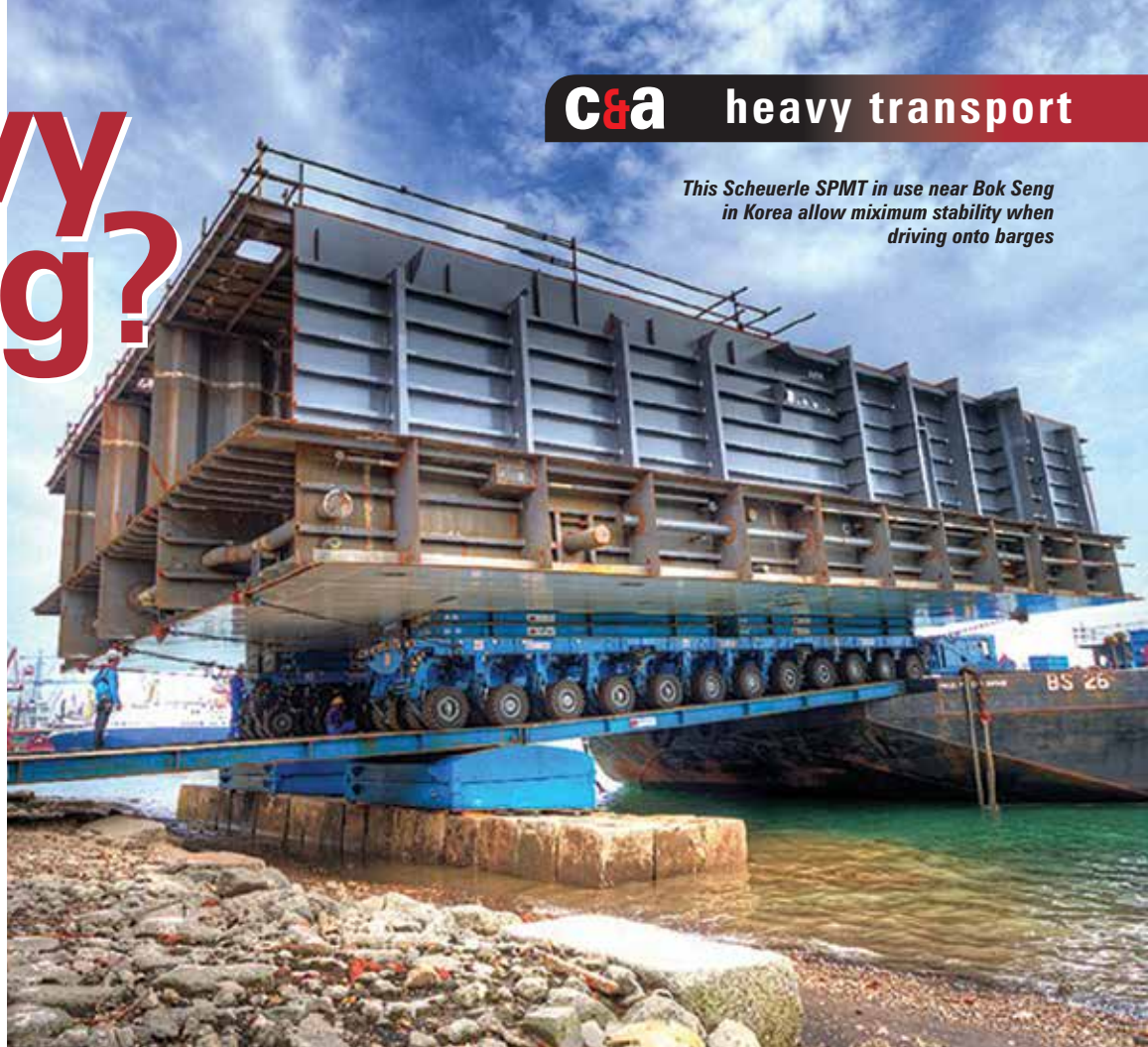
City Liftings latest Bocker AK44-4000PLC on a MB Atego 15 tonne carrier with hydraulically extending luffing jib and slew restriction

Heavy going?

The general trend for crane lifting capacities has been on the up for several decades. Not long ago a 100 tonner was considered large, now it is a mid-sized taxi crane with most sizeable crane rental companies owning numerous cranes up to 300 tonnes with many more having 500 to 1,000 tonners at their disposal.

Crane capacities have grown to cope with the increasing size of modular components which allows clients to use larger off-site pre-fabricated elements resulting in improved quality and quicker installation helped by the reduced number of lifts required on site.

However it is not just the cranes that have to cope with this increase in size and weight. Moving components from the place of manufacture to the point of installation has also meant that heavy transport contractors have also had to raise their game - adding new equipment to cope not just transporting the mega components within the confines of road, rail and water restrictions but



This Scheuerle SPMT in use near Bok Seng in Korea allow maximum stability when driving onto barges

also loading and unloading them from the transporter.

With several 3,000 tonne cranes now available it would appear that capacities have caught up with the increasingly heavier module sizes in the oil and petrochemical sectors, at least for now. Longer boomed, increased capacity crawler cranes can now cope with the larger and higher wind turbines. But is the transport sector also able to cope? Many European countries transport larger items via water along their river and canal systems. While

others, such as the UK have little option but to use the road system. In the UK the Highways Agency has a water first policy for loads over 150 tonnes however the lack of investment in maintenance and development over a long period of time has forced most large loads onto the road. The very fact that the UK has had to deal with moving large loads by road is the reason girder frame trailers are more popular than in the rest of Europe which is able to transport more large items via water.

For the last year or so, Europe's largest capacity girder bridge trailer was the 550 tonne Scheuerle STB 550 which was purchased by UK heavy transport company Collett. The Scheuerle STB 550 features a 5.2 ratio between payload and deadweight as well as having flexible modular combinations.

However a partnership between German trailer and bridge manufacturers Goldhofer and Grainer has seen the launch of the 550/600 tonne G² | K 600 high girder bridge trailer with the first unit sold to Kahl Schwerlast of Germany. The trailer is designed for configurations with a maximum of two by 24 axles and a load capacity of up to 550 tonnes, but it also offers several options for loading extremely heavy items such as generators, transformers, motors, turbines and reels.

The load can be set on top of the main girders, by using load hangers with cross beams or direct coupling of transformers to the Z-girders without the main beams or using the support bogies for loading without the help of a crane. As a result, it is possible use the G² | K 600 as a side girder deck, a vessel bridge, a high girder bridge or a self-supporting transformer transporter. In addition, the bridge girders can

The Goldhofer-Greiner 550/600 tonne G² | K 600 high girder bridge trailer concept is based on a completely new modular system and covers an enormous range of applications with a span of more than 52 metres and a total length of about 89 metres (without drawbars and tractors)





A 640 tonne transformer moved to Avonmouth docks in Bristol by Allelys Heavy Transport

be used independently as a fly-over bridge with a 36 metre span.

The Goldhofer-Greiner concept is based on a completely new modular system and covers an enormous range of applications with a span of more than 52 metres and a total length of about 89 metres (without drawbars and tractors). According to Kahl Schwerlast managing director Andreas Kahl that makes it faster and more efficient in obtaining permits for exceptional moves. One of the main issues in Europe and Germany especially, is the increasing number of roads and bridges in poor condition, where permissible axle loads have been reduced for safety reasons. Coupled to the fact that items to be transported are getting bigger and heavier means that in most cases the authorities will only issue heavy load permits after a long and complex application process and in many cases, long detours have to be made. Sometimes permits are simply refused and this is the reason why 400 tonne mill stands are no longer produced in one piece in Germany because it has become almost impossible to transport them to and from the ports.

The required number of axle lines on the platform combination can

be adjusted quickly and easily to the size of the load. Bridge width is infinitely adjustable between 1,620 and 6,200mm (clear load width) and the vertical stroke in the loading section is 2,145 mm. The bridge can be used in combination with Goldhofer's heavy-duty modules in the THP series and the hydrostatically powered self-propelled PST/SL-E transporters, with the option to increase the number of axle lines from 2x10 to 2x24 in split and parallel combinations.

The Scheuerle STB 550 is ideal for carrying transformers but its capacity is much larger than transformers currently being built, thus giving manufacturers the option to design larger ones if required. And being modular the trailer can be used throughout Europe, adapting to local regulations and axle load/dimension restrictions, etc.

Before starting out, an enormous amount of work goes into the planning and clearing of over-sailed and swept path areas along the route. Well-travelled heavy load routes - such as from Stafford to Ellesmere Port in the UK - often have easily removable street furniture and flattened kerbs, allowing the transport to drive across

roundabouts where necessary.

The biggest load ever transported on UK roads was a 640 tonne transformer moved to Avonmouth docks in Bristol by Allelys Heavy Transport in 2013. The overall length was 100 metres, with a width of five metres. Planning took a team of six nine months.

3D swept path analysis

Many UK companies provide two dimensional Swept Path Analysis reports, using Ordnance Survey Mastermap Data. These are undertaken as a matter of course

when surveying potential transport routes to create a digital journey, highlighting any problem areas or 'pinch points'. However, Collett's Consulting Division has developed its own three dimensional Swept Path Analysis software providing a visual demonstration of the transport route and advanced reporting capabilities. The software allows users to accurately identify height limitations, evaluate vehicle movements and provides an accurate representation of a vehicle and load's movement throughout any chosen transport route. All potential routes can be rendered in 3D

using accurate geographical data and can provide clients with a visual rendering of their transport project. All the models used in the software are accurately rendered to depict the specific tractors and trailers available its fleet with each

one possessing precise vehicle movement characteristics and true steering geometry. However any move begins with getting the load onto the trailer and ends with it being unloaded and positioned as close to the final lift as possible. For many transport companies this involves skidding and jacking and when these fail a large mobile crane.

Transforming transportation

In 1983 Scheuerle was also responsible for developing a vehicle that would fundamentally change the heavy haulage industry. The SPMT - Self Propelled Modular Transporter - with its container-sized design allowed manufacturers to take a completely new approach regarding the cost-effective production of oversized installations.



The Split Type can be split and connected to create three-file combinations

Today, industrial production modules reach weights of up to 15,000 tonnes and more and can be handled through the use of SPMTs. The TII Group - which now includes Scheuerle, Nicolas and Kamag - claims to be the global leader in the manufacture of self-propelled modular vehicles with 70 percent of all transports over 3,000 tonnes and 90 per cent of all transports over 5,000 tonnes are carried out with its SPMTs. The designs have improved dramatically since their launch, and now comprise SPMT SL, Widening Solutions, and SPMT Light.



Swept path analysis is useful for planning transport routes highlighting any problem areas



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"Our previous system was fraught with difficulties and not backed up with good service. It was a big decision to contemplate getting a new hire management system but we were so frustrated we had no other option. We were pleasantly surprised at how smooth the implementation of Syrinx was. We have been impressed with the excellent project management and exemplary training backed up by excellent support." Caroline Bird



"Raising the standards in the Crane industry." Tim Ambridge



"We were using a competitor hire software product and then we made an acquisition of a Company using Syrinx so we were in a dilemma as we needed to use one product and it was a case of what to choose. So on speaking to colleagues within the industry it seemed that Syrinx was the product best suited to the Powered Access Industry and we had such positive comments about their level of commitment. The service was professional and thorough from point of sale, data management and installation making the transition very easy." Duncan Howard



"Syrinx is easy to use, self explanatory and yet sophisticated. It is obviously built on a stable platform which offers reliability, that's a key factor in a Hire Software program. I am glad we made the right choice." Ben Hirst



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If two vehicles are too wide and one vehicle too narrow, the SPMT SL (Split Type) can provide the solution because it can be split in the middle and then connected to create three-file combinations. The SPMT Widening Solution can quickly telescope or extend using a scissor system to match the size of the load, giving maximum stability and easy handling. The SPMT Light has its own integrated power pack and being extremely maneuverable is ideal for transporting loads around yards.

Other special SPMTs are also

available and include increased capacity up to 60 tonne axle loads, more rapid SPMTs with top speeds up to 22kph for transporting loads over longer distances, and units for working in extreme temperatures often reaching -40°C. The eight axle module has also recently replaced the existing two, three, four, five and six axle standard bogies.

Today, the original Scheuerle SPMT product name is used as a generic term for all types of modular transporters, as well as for driven modular platform trailer combinations. In total, there are



The original Scheuerle SPMT product name is used as a generic term for all types of modular transporters

an estimated 35,000 self-propelled axle lines from the TII Group in use worldwide.

This is the first heavy transport feature in Cranes & Access. We aim to cover more transport related

items in the future and will look at the new trailers coming available on the market for transporting equipment such as aerial work platforms and smaller cranes - possibly later in the year.

550 tonne girder bridge trailer

Collett Transport's new 550 tonne capacity girder bridge trailer kicked off with the collection, transport and delivery of a 156 tonne steel casting from Sheffield Forgemasters to the Port of Goole for its onward journey to Antwerp.

The casting will form the drop hammer in a large counter-blow forging press to manufacture titanium forgings. Meticulous planning of the route was required which included a motorway lane closure for part of the journey, allowing the whole vehicle combination to travel Eastbound on

the Westbound carriageway, in order to avoid weak structures. Collett completed the move the following day.

The Scheuerle STB 550 was used with two four-axle ballast (8x4) tractors to pull and push the combination, together with two 10

axle Scheuerle Intercombi modules in two-file configuration. The project also used Collett's newly acquired four axle 'power booster' module which assists with and pulling power and is compatible with the Scheuerle Intercombi and Eurocombi modules.



Collett Transport's new 550 tonne capacity girder bridge trailer kicked off with the collection, transport and delivery of a 156 tonne steel casting from Sheffield Forgemasters to the Port of Goole

New widening trailers

International heavy transport specialist ALE has increased its services in Australia thanks to a new fleet of flexible trailers featuring Goldhofer's newly developed hydraulic width adjustment system to adhere to the different weight/width restrictions for road transport throughout Australia.

The company has already taken delivery of forty axle lines fitted with this system, as well as a range of accessories including goosenecks and ramps. The new modules have a wheelbase of 1,800mm with adjustable widths of 3,480mm, 3,700mm, 4,000mm, 4,500mm and 4,900mm. As a result, the various vehicle combinations can be used at maximum axle loads in all six Australian states. Specifically designed hydraulic beams fixed to the middle and to each end of the trailer deliver the width change, achieved by just two men in less than an hour and without the use of a crane or lifting equipment.



ALE's flexible trailers featuring Goldhofer's newly developed hydraulic width adjustment system

Cometto developments

Since the early 1950s, Italian company Cometto has manufacturing road semi-trailers, modular heavy trailers, SPMTs and Transporters. Among its modular systems, is the MSPE modular Series which can create different configurations of trailers according to the specific loading needs. The advanced electronic system and dedicated Cometto software allow plus or minus 135 degree steering angles with each independent suspension connected to the computer through a dedicated encoder. This allows the MSPE to move in every direction.

The MSPE range has a load capacity up to 60 tonnes per axle line (MSPE Evo2) thanks to the high quality steel frame, specific suspension type and special tyres.

The company has also developed a full range of Power Packs including a Full-Hybrid Power Pack - the first power unit to provide an alternative to traditional diesel systems. Recently it launched the new brand Cometto HT (Handling Technology) which includes Cometto EMT (Electric Modular Transporter) and Cometto Exstream (Electric Modular Transporter ATEX Certified). The new concept in terms of noiseless, zero emission, safe and clean transport inside buildings. EMT and Exstream are fully electric self-loading modular transporters, 100 percent battery driven, designed for indoor and outdoor use with a capacity of up to 100 tonnes.



Transformer journey

ALE won this year's ESTA Transport Job of the Year (over 120 tonnes) with the movement of a 310 tonne transformer from the UK manufacturer in Stafford to Ellesmere Port for onward shipped to India. Part of a larger project to move 23 transformers, the 70 mile route involved travelling through residential areas.

The operation was also the first outing for ALE's new Trojan tractor unit. Designed and built in-house with a 72 tonne design weight, the Trojan has a maximum road speed of 48mph and can pull a gross combination weight of 300 tonnes at a gradient of 14 percent and 500 tonnes at seven percent. One of the main features of the vehicle is its ability to link up multiple tractor units in a command and drone convoy. The steering, vehicle braking, electrics, engine and transmission on all tractor units are synchronised by computer, ensuring each vehicle is matched for gear, RPM and torque.

Vehicle braking, engine compression-braking and transmission retardation can also be controlled identically, resulting in no limit to the number of vehicles in the convoy. The Trojan 8870 has four axles with 8x8 drive and uses an in line six cylinder 700h Volvo Penta Euro 5 engine, mated to an Allison fully automatic six speed transmission with integral torque converter, PTO and retarder. Dana twin steer front axles and Kessler tandem rear axles with a Kessler auxiliary transmission with two speed transfer case with built-in torque proportioning giving one third power to the front two axles and two thirds to the rear. The engine/transmission combination is said to reduce emissions and provide fuel savings of 40 percent. The route is well-known as part of the heavy high load network. With areas along the route being developed and changing with the addition of new housing estates and traffic islands, the size of this particular load meant an



ALE won this year's ESTA Transport Job of the Year (over 120 tonnes) with the movement of a 310 tonne transformer from Stafford to Ellesmere Port using ALE's new Trojan tractor unit

up to date survey was critical to ensure the latest infrastructure detail was known.

The ALE logistics team worked with local authorities, utility companies and respective Police forces to negotiate a convenient movement date avoiding possible clashes with public events and peak shopping periods. With the option to add cameras, the Trojan's enhanced visibility made it ideal for driving the convoy. Cameras were added onto the load for monitoring and on the back neck so the steersman in the cab could view the whole convoy, seeing what the driver can see and vice versa. The team consisted of three tractor drivers, two steersman, one project manager and three escort vans.

New three axle doll bogie

Collett has also taken delivery of a three axle Doll Bogie trailer, built in Germany the three axle, hydraulic steering Bogie features a 55 degree steering angle and a combination carrying capacity of more than 60 tonnes.

As technology has developed the benefits of bogie trailers appear to have been overlooked, although they are the ideal solution for transporting long, heavy loads, such as concrete bridge beams, but with the advent of more modern steering trailer technology, the 'old Bogies' had almost vanished from the heavy hauling scene. However using a Bogie trailer can offer several benefits including increased ground clearance, extra stability and excellent manoeuvrability. Adaptable to a 60 tonne capacity with the addition of a four axle tractor, the Doll also features remote control and automatic steering controls, providing a sturdy, stable and easy to handle solution which can also be used for wind turbine components.

Already earning its keep, the new Doll Bogie has been transporting fourteen, 40 metre long steel beams each weighing 50 tonnes from their point of manufacture in Northallerton, North Yorkshire to Middlesbrough for coating before moving on to their delivery point in Chester.



The three axle, hydraulic steering bogie features a 55 degree steering angle and a combination carrying capacity of more than 60 tonnes



The Doll Bogie is ideal for transporting long, heavy loads, such as steel bridge beams.

Tomislav Sajko takes Ultralight Combi

Zagreb-based Tomislav Sajko Int Transporti has taken delivery of the Ultralight Combi from Scheuerle for its heavy transport operations. Measuring 2.55 metres wide and with a very light dead-weight, the trailer is ideal for the poorly maintained and narrow roads frequently found in the Balkans. Sajko uses a combination of a gooseneck, one two-axle module and two three-axle modules allowing a 3 + 5 combination to be assembled. The combination will soon be complemented by a 250mm high slab deck.

Trying to make the lightest possible unit Scheuerle minimised the dead weight in all modules whilst keeping the coupling capability and full compatibility with the company's InterCombi and Euro Combi series. The Ultralight Combi series has the U0 (InterCombi compatible) and U1 (Euro Combi compatible) versions. The U2 version was developed for use with all equipment of the InterCombi series.



Ultralight Combi delivered to Tomislav Sajko Int Transporti in Zagreb

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So-so Intermat

Despite the fine sunny weather, Intermat 2015 sadly did nothing to raise its position above that of a regional show. This was particularly true for the crane and access sectors. This, its 10th exhibition, saw the total number of visitors down 8.5 percent (at 183,000) compared with 2012, which reflects the slippage in its standing as one of the big three international shows even though an increased amount of international visitors attended - up 35 percent - from 168 countries outside France and in particular the Middle East, North Africa and Turkey, for which the show remains a strong venue.

However while there were more exhibitors overall Intermat was not the biggest or the best show for cranes and access in 2015 - a title that must surely go to Vertikal Days held a few weeks later at Haydock Park in the UK. For the outside exhibitors the first couple of days were quiet but Wednesday and Thursday picked up well, before sadly falling away on Friday. Saturday - being open to all - was busy but one wonders just how much business or goodwill is done on the 'family' day of a show such as this?

As a result many exhibitors questioned the length of the show, and costs which are more expensive per metre than Bauma! Several major companies decided not to attend including Caterpillar, JCB and Manitowoc although it was good to see Manitou supporting its home show after a long absence. As we predicted the companies promising 'game-changing' new products had rather over-hyped them and in reality they turned out to be more 'tweaked' than revolutionary.

Having said all this, Intermat will be the largest international equipment show this year and as such it was the launch-pad for several new products in our sector. Our brief round-up here will be augmented in future features throughout 2015.

Manitou Man'Go 12

Manitou raised expectations with the promise of a revolutionary 12 to 14 metre aerial lift. Given all the pre-show hype, the machine that was revealed - the Man'Go 12 - didn't quite live up to the 'revolutionary'

headline. With a working height of 11.9 metres, the Man'Go 12 features a short riser linked to a two section telescopic boom and 1.5 metre jib with 130 degrees of articulation. At the launch Manitou highlighted its smooth movements, the secure feeling in the basket. It also said that it was one tonne lighter and 100mm narrower than competitors. Weighing 4.1 tonnes and with a width of 1.8 metres, the only competitor it is has those advantages over is the ATN Zebra 12 which has 300mm more working height and a whopping two metres more outreach.

The Man'Go12 will also have to compete with the Niftylift HR 12 4x4, JLG 340 AJ as well as the ATN. It uses a chassis mounted Kubota diesel, and in a major departure for Manitou -hydraulic wheel motors rather than drive axles. Outreach is around 6.5 metres and platform capacity 230kg



The new Manitou Man'Go 12



C&A

Intermat

including platform rotator. So while not leading the sector in any key area, it will appeal if it is at the right price point. Delivery is scheduled for early next year.

Manitou also showed several telehandlers, including the MT625 H Easy with a smaller Kubota diesel that does not need a particulate filter, it is 130kg lighter at 4,485kg making it easier to transport. The company also showed the 32 metre MRT 3255 360 degree telehandler unveiled last October at the JDL show.

Haulotte redesigns

The only visually obvious new product on the Haulotte stand was the all-new Star 6 mast type platform. The new machine features a full size platform covering the entire base, AC direct drive, a single multi-stage telescope cylinder and on-board diagnostics. The new model adopts the TM12 design

concept, but offers several new twists. A stock-picking version is also available.



The new Haulotte Star 6

Haulotte has also thoroughly re-engineered the Star 10 mast boom and 20ft Optimum 8 compact slab scissor, with AC direct electric drive, new covers and many other new features including easier service access, on-board and remote diagnostics/ information readouts, all-new control stations and a new platform entrance grip step. The Star 10 mast boom also gains the ACTIV/shield secondary guarding option, while the Optimum 8 gets a new 'smart counterweight' system.

Haulotte's HTL telehandlers also gain Kohler Tier IV final engines without the need for particulate filters or AdBlue post treatment system.

100,000th JLG telehandler

In addition to unveiling its version of Hinowa's new 26 metre spider lift, the X26J Plus, JLG theatrically unveiled the 100,000th telehandler built since it acquired Gradall in 1999 and Skytrack and Lull in 2003. The anniversary model has been covered in 100,000 tiny JLG logos and will go on tour until October,



Liebherr's new LTC 1050-3.1 with 50 tonnes capacity and 36m main boom



The Genius Mak 1 from Big Astor

Push-around Big Astor

A surprise new product was found on the Big Astor/Genius stand, where the company unveiled a new four metre working height aluminium push around scissor lift - the Mak 1 People Lift. Weighing just 94kg, with a 520mm closed platform height with guardrails removed and measuring 790mm wide by 1.16 metres long it can be lifted into the back of car.

Kubota telehandlers

A new telehandler prototype was tucked away on Kubota's indoor construction equipment stand - its first toe in this market. The machine on show - called the THT4815 - has a 4.8 metre lift height and a capacity of 1,500kg. It has hydrostatic transmission, four wheel drive and four wheel steer and weighs just under three tonnes. The plan is to make it lighter so that it can be transported on a standard two-axle equipment trailer.



Kubota's prototype telehandler - the THT4815

when it will be auctioned for charity, with the buyer choosing the charity of his or her choice.

Liebherr cranes

Liebherr managed to sneak in two new cranes at the show, including the new 710 HC-L luffing jib tower and a higher capacity three axle LTC 1050-3.1 city type AT, which replaces the LTC 1045-3.1. The new crane is visually different at the rear thanks to a new, heavier engine, which meets stage IV/Tier 4f emissions. Axle spacing has also had to be changed to spread the increased weight and meet 12 tonne axle loads. The LTC 1050 uses stronger structural steel in the new boom design to give better performance, the VarioBase and ECOmode features have also been added.

The new 700 metre/tonne 710 HC-L with 50 or 64 tonne maximum capacities has a new stacked counterweight and a slim tower system - see Tower cranes page 17. The first two cranes have been delivered and erected in downtown Manhattan.



JLG's 100,000th telehandler - a 4017 RS

Liebherr also launched three new seven metre telehandlers - the TL 432-7TL 436-7, and TL 441-7 - with capacities from 3.2 tonnes to 4.1 tonnes. All three are powered by a new turbocharged Deutz which meets IIIB/Tier 4i emissions. A larger engine with increased hydraulic flow is available for more demanding applications.

Terex

Terex launched a new flat-top tower crane, the eight tonne capacity 180 metre/tonne CTT 182-8 - which can handle two tonnes at its 65 metre jib tip, five percent better than the previous model. Improvements to the winch increases hoist speeds by up to 31 percent. The main jib can be configured with lengths from 35 to 65 metres in five metre increments while maximum free-standing height is 67.2 metres.

Kobelco

Although Kobelco did not show any new cranes Dean Izumi director of global sales and marketing said that the all-new 1,250 tonne crawler crane with super heavy lift - Kobelco's biggest to date - is currently undergoing tests and will be available at the end of 2016 and ready for the construction of the Tokyo Olympic Games in 2020.

Sennebogen

As well as displaying its new 120 tonne 6113E telescopic crawler

and 640E heavy duty cycle crawler, Sennebogen said that it has started production of its own version the new 50 tonne telescopic crawler which it manufactures for Grove in North America. It also hinted that the 300 tonne crawler may appear later this year.

Maeda

Maeda dealer Kranlyft said that 2014 was its best for five years and says it has sold 22 of its new articulated MK1033s so far, mainly in France and Belgium. Although several years away its next MK will have 3.8 tonnes capacity and 16.8 metres maximum lift height. It also said that in future all LC models will be renamed as CC.

ATN

On home soil, ATN had a wide variety of new equipment including the tracked Palfinger RC660 mast boom which weighs 990kg and has an overall width of 780mm. The start though was the all-new 23 metre MG 23 spider lift, which it claims can reach full height in less than a minute, is simple to operate and easy to maintain. Weighing 3,100kg it offers a maximum outreach of 11 metres at an up and over height of 11.25 metres.

GGR

Centre stage of the GGR stand was the Unic 295 with a 3.4 metre hydraulic jib which was being ably demonstrated and installed in about six minutes. Also on show was a six metre jib on the Unic 706.

Sunward

An interesting exhibit in the halls was a telescopic mini crawler crane from Korean company Sunward. Weighing 9.8 tonnes the SXTC 05 has a five tonnes maximum capacity and a maximum height of 16.5 metres, winch speed is 156 metres a minute. With very few manufacturers offering mini crawler cranes of this size it would not be a surprise to see this in Europe in the very near future.

Here are some of the other highlights ...



A Gerenuk 500 vacuum glass attachment



C&a

Intermat

Merlo unveiled a new range of compact telehandlers



Terex launched a new flat-top tower crane - eight tonne capacity 180 metre tonne CTT 182-8 - which has a capacity of two tonnes at its maximum 65 metre jib length



A Teupen Leo 24GT



Airo's V6E stock picker with 90kg capacity



Palfinger showed its new two axle P480, the three axle P550 along with several Italian built truck mounts



Bobcat's new T36120SL



Airo stand



A Klaas trailer mounted aluminium crane and with optional basket



Dieci's new Hercules 190.10



JLG used some unusual marketing to attract visitors to its hall stand



A Locatelli Gril 8700T



ELS scissors



Maeda's new articulated MK1033



One of Bocker's increasingly popular aluminium truck cranes



Comet had its usual array of unusual lifts including this compact trailer mount



Genie's latest telehandler



The 20.6m Haulotte HA20 RTJ PRO with 12.2m outreach and 230kg capacity



Terex Explorer 5800



The ATN Pfaf 660 RC is 780mm wide and has 200kg capacity

XL's XMH circular mast climbing platform with a 7t payload



Socage was showing off its largest truck mounted platform to date - the 75m forSte 75TJJ mounted on a 32 tonne GVW chassis. Outreach is said to be 40 metres



The Kobelco stand with promise of a larger 1,250 tonne capacity crane on the horizon



Atlas had several new models including the AK440.2 and AK206.3



ATN spider



MST's 3,500kg capacity ST 13.35 telehandler



A few Magni attachments

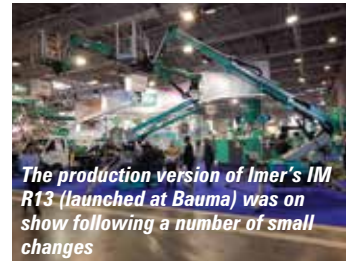
Hinowa launched its new 25.7m Lightlift 26.14 spider with 13.6m outreach



Sennebogen's new 120 tonne 6113E telescopic crawler



Multitel's new 30m SMX 300 HD spider lift



The production version of Imer's IM R13 (launched at Bauma) was on show following a number of small changes



ATN's new tracked Piaf 1010 mast boom



Leguan 135 on tracks with a wheeled 160 in the background



The new Farasin 9.30 Compact VPS telehandler



JLG's new 26 metre X26J Plus



The new 160 tonne LTM 1160-5.2 with 62m main boom



Ruthmann celebrated its 650th TB 270 model sold. (L-R) Rolf Kulawik and Remy Doyen, with Kiloutou's general manager, Xavier Decoster



Power Towers stand attracted many visitors



The new Magna MA03 E2 crane tyre



The Merlo TF 35.7



The new 35m Magni RTH5.35 in UK rental company GT Lifting colours



The new 3.4m jib on the Unic 295



Ruthmann T480 truck mounted platform



Korean company Sunward showed off its SYTC 05. Weighing 9.8 tonnes it has a five tonne maximum lift capacity and can lift to a maximum height of 16 metres



Holland Lift's first true hybrid - the 25 metre HL275



A Paus PTK 25 trailer crane



The Challenger 6 from Risa



Nootboom Tele trailer



Iteco's new IT 17 220 D



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New ALLMI membership event

On October 7th ALLMI will hold its first ever combined event for members, with manufacturers, service repair companies, fleet owners and ancillary equipment suppliers all coming together to discuss and debate topical industry issues.

Scheduled to be held at the Forest of Arden Marriott hotel and country club, in Meriden, Coventry, the event will start with a working lunch, before moving into separate membership meetings for each of the ALLMI divisions. The meetings will conclude with a presentation from Bill Hill, chief executive of construction industry charity, the Lighthouse Club, and the event will end with a dinner and light entertainment, providing a relaxed and informal environment to facilitate networking opportunities.

Chief executive, Tom Wakefield, said: "This is an exciting development for ALLMI, as we continue to engage with members and look to build upon the success of previous meetings and events. As always, both meetings will contain comprehensive updates on important industry issues, as well as major projects being undertaken by ALLMI this year. We will also be adopting a fresh, new format, which will see the meetings breaking up into several smaller groups, therefore allowing a range of topics to be discussed by each in turn and facilitating greater engagement with and amongst members, as well as lively and constructive debate."

ALLMI chairman, Mark Rigby, added: "The quality and content of both meetings will be excellent, but we are also pleased to be providing a social event in the evening. This will present members with a great networking opportunity and will be made all the more enjoyable by live music from 'Plush Jazz', as well as a set from stand-up comedian, Jed Stone, after dinner. In addition, the evening event will include a range of important, but light-hearted, fundraising activities, the proceeds of which will be donated to the Lighthouse Club."

Look out for further updates and please contact the association if you require further information on the event.

ALLMI will hold its first ever combined event at the Forest of Arden Marriott hotel and country club in Meriden



ALLMI has launched periodic, regionally-based CPD events for instructors

CPD events for instructors

ALLMI has announced the launch of periodic, regionally-based Continual Professional Development (CPD) events for instructors, with the first round of meetings due to be held in Reading, Nottingham and Harrogate throughout July and early August.

Over the past 12 months, the scores achieved for each individual element of all instructor audits have been logged onto a matrix, allowing the association to highlight any common areas where instructors would benefit from refreshers. These topics will form the core content of the CPD events, which will also include an update on the ALLMI Training Scheme Review and will provide instructors with an opportunity to comment on the progress made to date.

More case studies required

Following the release of the association's first edition of its **Accidents & Incidents Case Studies** in September last year, ALLMI is currently gathering and collating material for the next issue.



ALLMI's case studies helping others to learn from real accidents and incidents

The guidance document provides anonymous, abbreviated case studies of real accidents and incidents, helping others to learn from the issues which arose and the solutions which were subsequently implemented.

ALLMI technical director, Alan Johnson, said: "The first edition was very well received and we are keen to follow it up with further material to the benefit of all those involved with loader cranes. We would encourage anyone who has first-hand knowledge of an accident or incident to share the information with ALLMI, for this purpose."

BSI update

BS7121 Part 1

The BSI Committee, MHE/003/11, on which ALLMI is represented, recently convened in order to continue drafting the revision of BS7121 Part 1. Further to the meeting, a number of editorial tasks and amendments have been delegated to committee members, following completion of which it is hoped to proceed to the draft for public comment stage in early quarter three of 2015 as scheduled.

BS7121 Part 4

The previously reported consultation concerning whether amendments are deemed necessary to BS7121 Part 4:2010 is now closed. ALLMI is now waiting to learn whether its feedback, along with that of other individuals and organisations, will trigger either minor changes or a more detailed review of the standard.

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All training centres above offer IPAF/PASMA approved and audited courses. European directives require that all staff are fully and adequately trained in the safe use of the equipment they operate.

Mandatory training in Ontario

On 1st April, the Ministry of Labour for Ontario issued a new standard for work at height and made it mandatory for those working at height in the province's construction sector to take a training course from a certified provider.

The ministry says that the Working at Heights Training Programme Standard has been designed to ensure that construction employees are sufficiently familiar with hazard identification, ladder safety, the proper use of personal protective equipment (PPE) and the rights and responsibilities regarding working at height. Any construction workers who have not already been trained under the Regulations for

Construction Projects are required to carry out this new training before working at height, while those who have already undertaken the Regulations for Construction Projects training have until April 1st 2017 to qualify for the new requirements. The training course comprises a three hour theory and 3.5 hour practical modules.

Labour minister Kevin Flynn, said: "Falls are the number one cause of critical injuries and fatalities of workers at construction projects in Ontario. We need to fix that, and the new mandatory working-at-heights standards are one step we're taking to ensure workers are safe on the job."

Ministry spokesperson William



C&a

training

Ontario has announced a new mandatory training standard aimed at the construction sector

Lin, added: "The Training Programme Standard sets up the minimum criteria that must be achieved by working-at-heights training programmes. The goal in standardising and approving training is to achieve a common baseline of basic knowledge and skills for working safely at heights."

The Ministry of Labour has also announced that it is considering expanding the requirement into other sectors. Surprisingly, the requirement only applies to those actually working at height, while site managers and supervisors are not required to take the course.



OSHA's National Safety Stand-Down took place on the 4th-15th May throughout the US

OSHA stand-down

The US' Occupational Safety and Health Administration (OSHA) has held its annual National Safety Stand-Down event in order to raise awareness of preventing fall hazards in the construction sector.

During the two-week stand-down, employers and employees from all 50 states voluntarily stopped work to focus on the importance of fall prevention, holding toolbox talks or other safety activities such as safety equipment inspections, developing rescue plans, or discussing job specific hazards.

David Michaels, OSHA assistant secretary of labour, said: "The people that fall are not just numbers. They are mothers, fathers, sisters and brothers. The cost of building our nation and economy cannot be the lives of its workforce, and that's what this Stand-Down is all about. These deaths are preventable if we plan ahead, provide workers the right equipment and train each and every one of them how to use it."

In 2013 falls from height accounted for 291 fatalities throughout the US, 35 percent of all recorded fatalities. Fall prevention safety standards were also among the top 10 most frequently cited OSHA standards.

Contractor fined for telehandler incident

Construction contractor Richard Lynch, 41, has been fined £2,000 with costs of £1,002 following an incident involving a telehandler at Manor House Wildlife Park in Tenby, Wales.



Lynch was working from a work platform fitted to a telehandler (Archive photo)

Lynch and another worker were erecting a geodesic dome from a work platform fitted to a telehandler when the platform fell off the forks as it was being lowered to the ground. Lynch was knocked unconscious while the other man sustained serious injuries to his foot and ankle.

An HSE investigation found that Lynch, who was responsible for the work, had no training in the management of health and safety on construction sites, and that he had not used a telehandler fitted with a work platform before. The driver of the telehandler was also not trained to operate the machine.

Lynch said: "This was a freak accident. I have been driving a telehandler for years and have a totally clean record, but had just never used one before with a man basket. In total this prosecution has cost me around £9,500, as I also had to pay the HSE £6,500 for their investigation."

Who trained them then?

Spotted in France, three men being lifted to a height of approximately seven metres in the bucket attachment of a Merlo telehandler.





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IPAF names skills challenge winners

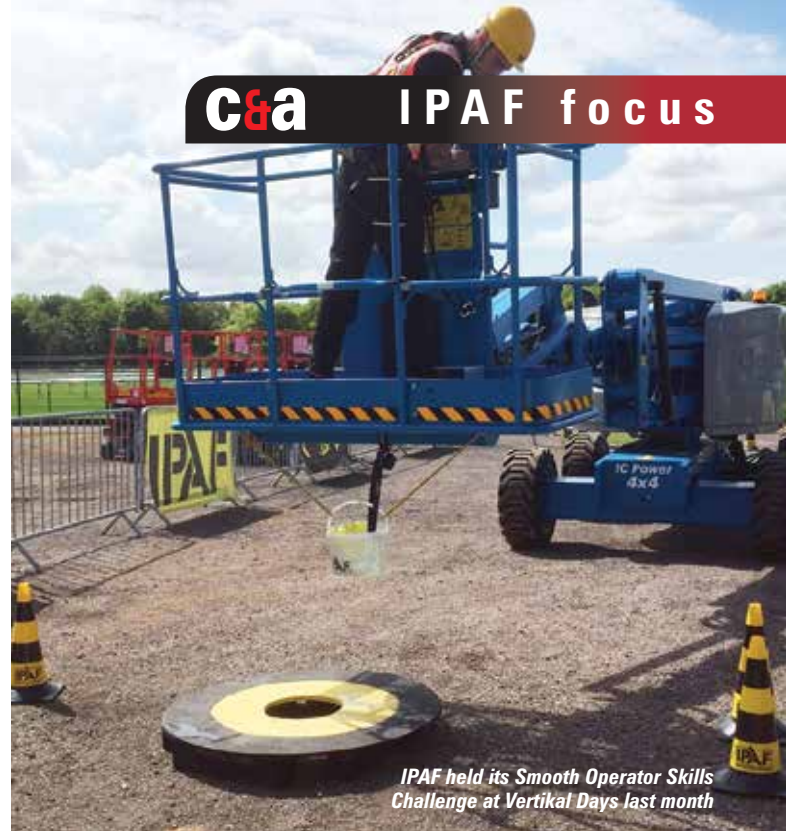
Valid PAL card holders were invited to participate in IPAF's 'Smooth Operator Skills Challenge' at Vertical Days last month, to demonstrate their ability in operating an aerial work platform.

With a maximum of 45 points available, participants were tasked with manoeuvring a boom lift around a course with a water-filled bucket topped with 10 floating ping-pong balls attached beneath the boom's basket. The course included driving the machine over a set of timbers/humps and parking the machine between two cones before slewing the platform around to ring an elevated bell for 10 points. Reversing to the original starting position, participants then



The bucket and ping-pong balls measured smoothness of operation

attempted to rest the bucket in the centre of a target for 25 points, 15 points for the middle circle and 10 points for the outer circle. Five points were deducted for every 250ml of water lost from the bucket and a point lost for every missing ping-pong ball.



IPAF held its Smooth Operator Skills Challenge at Vertical Days last month

Winners:

Wednesday, 13 May

1st Prize - Andrew Howell - 35 points
2nd Prize - Jason Spendlove - 30 points
3rd Prize - Andrew Waite - 30 points

Thursday, 14 May

1st Prize - Donal O'Reilly - 35 points
2nd Prize - Lathan Pritchard - 30 points
3rd Prize - Alex Ward - 29 points

IPAF's Eleanor Morrison retires

Eleanor Morrison, IPAF audit support and training admin, retired at the end of April after 16 years of dedicated service to IPAF.

Eleanor Morrison started working for IPAF in January 1999, at a time when the IPAF training programme had just started gaining ground. Within a small team, her main tasks were to process PAL card applications and to deal with member queries. As IPAF grew, she took on more responsibilities, helping to set up the Competent Assessed Person (CAP) programme and providing more systematic audit support since 2008. She also holds an operator and demonstrator PAL card.



Eleanor Morrison

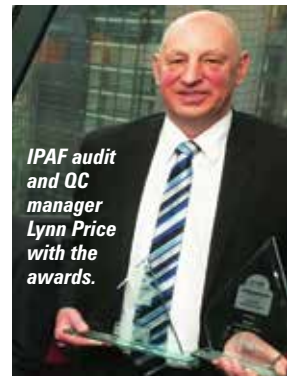
"I enjoyed the challenge of CAP and getting the audit system going," said Morrison. "This was before CAP was delivered by training centres, so it involved organising the location, getting the assessors on board and having enough candidates to run the assessment. I really enjoyed the 'people contact' - the opportunity to audit new premises or satellites, and to help members and instructors by giving them advice."

IPAF chief executive Tim Whiteman, added: "Since joining IPAF 16 years ago, Eleanor has held a variety of positions and contributed in many ways to the success of today's federation. On behalf of all the members and staff of IPAF -many thanks, Eleanor, for all your years of enthusiastic and loyal work. You will be missed, but we all wish you an enjoyable and busy retirement."

Smart PAL Card award

IPAF's machine-readable Smart PAL card has won two Plantworx Innovation Awards.

The Smart PAL card can be used together with card readers fitted on machines which may be set to ensure that only correctly trained operators use equipment on site. PAL cards can be verified online at: www.ipaf.org/checkpal while information about the Smart PAL card can be found at: www.ipaf.org/smartpal



IPAF audit and QC manager Lynn Price with the awards.

More market report stats

According to IPAF's Rental Market Reports, the US aerial work platform rental market recorded growth of 10 percent in 2014, reaching approximately \$7.9 billion, while rental fleets increased seven percent to exceed 500,000 units. China also saw exponential growth, increasing up to 30 percent over the past two years to approximately 9,000 units. Europe, on the other hand, only grew one percent and is estimated at approximately €2.6 billion, while fleet expansion continued at a slow pace to reach 285,000 units.

More facts and figures on the IPAF US and European Powered Access Rental Market Reports can be purchased at: www.ipaf.org/reports



UK member event and PDS

IPAF's second UK member event will be co-located with this year's Professional Development Seminar (PDS) in the north on 15th October 2015 at the Majestic Hotel, Ripon Road, Harrogate, North Yorkshire.

For IPAF members attending this event, accommodation at the Majestic Hotel is available at a special rate of £99 on the night of the event.

The PDS for those based in the south of the UK will be held on 19th November 2015 at the De Vere Milton Hill House, Steventon, Oxford.

For more details visit: www.ipaf.org/events

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PASMA's AMM will once again take place at the Coombe Abbey hotel

AMM returns to Coombe Abbey

PASMA's 2015 Annual Members' Meeting (AMM) will once again take place at the Coombe Abbey Hotel in Warwickshire, on Friday 3rd July. In addition to the presentation of reports from the chairman and the managing director of the association - as well as the chairmen of the various committees - delegates will also hear from a number of speakers, including Ray Cooke from the HSE's Construction Sector Safety Unit, and PASMA's newly appointed virtual learning developer, Sakina Bokary.

Cooke will talk about the work and role of Working Well Together (WWT), the HSE's on-going campaign to improve safety in the UK construction sector, and how PASMA members can actively engage with the initiative, while Sakina Bokary will introduce and explain the association's new knowledge transfer partnerships project.

New for 2015 is a free workshop for members explaining the benefits of social media - 'Five ways to make social media really work for your business'. The workshop will be delivered by social media specialist Rene Looper, who owns Tuminds, an agency which works with clients such as the Chartered Institute of Marketing, the School for Social Entrepreneurs Scotland and the Hillcrest group.

Maarten de Vries, PASMA's newly appointed head of operations, communication and innovation, said: "It promises to be an interesting and informative day. Not only will members be able to network and catch up with all the latest news and developments from the association, but hopefully they will learn something new that will benefit them and their businesses on a day-to-day basis."

For more information, or to book, please contact:
helen.paterson@pasma.co.uk

PASMA sponsors safety award

Each year PASMA supports the Hire Association Europe's Hire Awards of Excellence and this year it sponsored the Safe Hire Company of the Year category for companies with more than five outlets.

Travis Perkins won the award, and the trophy was presented by PASMA managing director, Peter Bennett, at the award ceremony's new venue 8 Northumberland Avenue in London. The finalists included A-Plant, Hire Station and Speedy Services.



Now you're talking!

That's exactly what PASMA's technical director, Don Aers, has been doing in recent weeks.

First as a speaker at the 40th anniversary conference of the Birmingham Health, Safety and Environment Association (BHSEA) at the Barclaycard Arena, Birmingham - where he addressed over 300 delegates - and secondly at the annual technical conference of the Council for Aluminium in Building (CAB) at Loughborough University. At both events Aers spoke about standards, guidance and best practice when working at height. Both presentations received extremely positive feedback.



Don Aers at the CAB Conference

Pocket knowledge

PASMA PocketCards are now two of the most popular safety-related items available from the association's online shop. PocketCard 1 explains the PASMA Code of Practice and the key points when assembling, moving and dismantling towers.

Simple, easy-to-understand checklists cover everything from ensuring that all components are compatible and that the ground is firm and level, through to checking overhead cables and checking structural integrity once the tower has been moved. PocketCard 2 is an indispensable guide for inspecting a mobile access tower on site.

Each month the website features selected products from the online shop. The PASMA stamp of approval, training poster, PocketCard 2 and PAS 250, the specification for low level access products, are this month's featured items.



PASMA on show

The association will be exhibiting once again alongside other member organisations of the Access Industry Forum (AIF) at the Safety & Health Expo, 16-18 June at the ExCeL centre in London.

Supported by IOSH, RoSPA and the British Safety Industry Federation, the show is the largest UK event aimed at the health and safety sector. Located on stand Q2000, the AIF will launch its new 'Work at Height Manager' training course. www.safety-health-expo.co.uk

During the same week, technical director Don Aers will join IPAF's Chris Wraith and FASET's Tony Seddon to deliver a working at height paper at the IOSH Annual Conference entitled: 'How leadership and innovation can drive change in the world's leading cause of death and injury in the workplace'.



For more details please visit: www.ioshconference.co.uk



For details of PASMA standards, guidance and training, including free PocketCards and posters, visit: www.pasma.co.uk

Theft and the hire industry

Theft has always been an issue within the construction equipment industry and although estimates of the size of the problem vary, figures from security registration firm Datatag, suggest that it is fast approaching £1.5 million per week in the UK and €4 billion a week throughout Europe. The figures not only take into account the cost of stolen machinery - but also other consequential losses associated with theft, such as loss of income and rehiring equipment. The theft of fuel is another major issue on the rise which, according to Datatag, costs UK companies close to £1 billion a year.

Stolen machinery has a recovery rate less than 10 percent, with many machines loaded on boats and shipped out of the country within hours of being stolen. It's a sorry figure but nine out of ten companies in the UK have experienced theft, with machines

not only taken from rental yards or construction sites, but also 'acquired' by a fraudulent rental - which is also on the rise.

Another factor that has been brought to light by a number of CPA member companies is that when machinery has been taken



The CPA is planning to draw up an updated strategy to combat the theft of construction equipment

from a site, unless there is clear evidence of intent to permanently deprive the owner, the police may not consider it a theft - but instead a civil matter. Moving forward, the CPA is investigating what role it can take to identify the scale of the problem amongst its members and how the losses are occurring. It is also asking its members what type

of equipment is most frequently stolen. With this information and working together with other associations and organisations, the CPA is planning to draw up an updated strategy to combat theft, which will be co-ordinated by CPA's legal manager David Smith (david.smith@cpa.uk.net).

Global policies - not always the best way

When the UK's 'Industrial Strategy for Construction' was published in 2013 it set ambitious targets for cost and time reductions in the construction process, whilst improving working conditions. Key factors that can be used to help achieve these targets, include developments in supply chain management and increased use of digital technology. These come together in approaches such as lean construction and modern methods of construction. Risk assessment and elimination of waste are also important principles supporting a lean approach.

Proper assessment of the actual risk allows control measures to be proportionate, and not over-specified, eliminating wasted time and cost. Many issues that the CPA deals with concern policies from clients, planning authorities and contractors, which set out to control risk, but which are burdensome and wasteful when unnecessarily applied. Health and safety, equipment theft, protection of vulnerable road users and public health issues are all areas where global policies have imposed unreasonable costs on members with no tangible benefit.

The CPA is working with other organisations such as HS2, Crossrail and industry bodies including UKCG and CECA to reduce the risk across the complete supply chain and win support for a risk-assessed and flexible approach to risk management. The recently published guidance on Ground Conditions is an example of this - it stresses cooperative working and open communication about actual needs, allowing the affected sectors to look at alternative, more efficient ways of achieving the desired outcomes.

Commonly accepted guidance can reduce waste while improving safety.



HS2 update...

CPA's director Kevin Minton has held a series of meetings with the high speed rail group HS2, to discuss enhanced safety, environmental and other standards that it may require machinery to meet. The discussions are based on the idea that HS2 should be clear about its objectives, but leave it to equipment owners to determine the most effective way of meeting them. The requirements placed on Tier 1 contractors allow for this. Further discussions will take place as HS2 gets closer to setting out its requirements. HS2 also suggested they may work with CPA to organise workshops with equipment owners and manufacturers to explore these issues.



The CPA is also working with HS2 on establishing a standardised set of descriptions for construction equipment. This is the first step towards actually quantifying the availability of machinery and the suitably skilled operators that HS2 and other major infrastructure projects will need.



HS2 may organise workshops with equipment owners and manufacturers to explore issues with standards, safety and the environment.



The photo-luminescence strips provides visibility for up to eight hours in low or zero light conditions

A luminous hi-vis

Ground support and road safety product provider Elite GSS has introduced the Elite VizLite Dual Technology personal protection equipment which provides additional visibility in the dark.

The new hi-visibility fluorescent jacket and trousers combines retro-reflective material with photo-luminescent strips which provide a luminous green glow in low or zero light conditions. The strips, measuring 10mm either side of the reflective material, are charged by natural or artificial light and its afterglow can last up to eight hours. No external power supply is needed and the technology even works when submerged in water.

Certified to global standards for hi-visibility clothing, the new VizLite Dual Technology can be incorporated into existing clothing ranges and requires no special laundry requirements.

Cutting edge glove protection

Hand protection and safety glove manufacturer Globus has developed Showa S-TEX 376, its new protective gloves designed for the safe handling of oily components and materials with sharp edges.

Made with Showa's Hagane Coil technology, which combines the same stainless steel used to make Samurai swords with polyester, the gloves offer Level 4 (EN388) and 2280g (ISO 13997) blade cut resistance to help protect possible laceration injuries. A unique coiling technique that twists polyester yarn loosely around the stainless steel core also protects the gloves when the hand bends and flexes, adding extra protection.

The three-quarter nitrile coated base protects from oils, grease and abrasion whilst an additional coating of nitrile foam covers the palm and fingertips to provide long lasting grip in wet and oily conditions.



SmartLoad for hazardous applications

Load measurement specialist Scotload has updated its SmartLoad wireless load monitoring system for Zone 2 applications.

Designed for a wide range of wireless ATEX and IECEx-certified load links, load shackles, running line monitors and load cells, the SmartLoad 2Ex has been certified by Baseefa to the latest IEC/EN 60079 hazardous area standard. The company claims the system has the range and signal reliability needed for offshore environments, where there is a high density of steel equipment and structures. The company is also in the process of developing its SmartLoad system for a range of Zone 1 products and applications.



Scotload's SmartLoad has been developed for Zone 2 applications.



The weight is over

Temporary foundation and crane outrigger mat manufacturer Solum (Europe) has launched a modular range of aluminium mats. Available in a three sizes - 600x600mm, 1,200x600mm and 1,800x600mm - the mats weigh 13kg, 25kg and 38kg respectively and can be used singly, or combined in a variety of arrangements.

Featuring integrated end handles, the mats have been designed utilising finite element analysis to optimise strength, whilst keeping weight to a minimum. In addition to providing a stable support for crane, aerial lift and other large equipment with outriggers, they can also be used to provide load spreading support for falsework and propping. They are also 100 percent recyclable and have a high residual value.

Solum technical director Bob Quinn, said: "The Solum has been designed to take the guesswork out of specifying temporary foundations. In the past construction engineers have typically had to contend with old railway sleepers or non-engineered plastic solutions, with little known about their history or performance under load. We put Solum units through rigorous independent testing and certification with Lloyds British Group, to confirm our own results."

Comfortable harness from Capital Safety

Fall protection equipment manufacturer Capital Safety has launched the Delta Comfort harnesses. Incorporating many of the features from the original Delta range, the Delta Comfort includes new shoulder, back and leg padding as well as vent windows which the company claims reduces the risk of suspension trauma by allowing for direct air contact and better circulation.

Additional features include corrosion-resistant hardware, and water-repellent and abrasion resistant webbing as well as spring-loaded, stand-up D-rings and a triangular design which allows for the harness to be donned and removed with ease. It also features Capital Safety's i-Safe technology which uses a RFID tracking system to digitally record and store inspection information.



Capital Safety's new Delat Comfort harness

enquiries

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Safety & Health Expo

The NASC and CISRS are due to exhibit at the Safety & Health Expo, at the ExCeL exhibition centre in London on 16th/18th June. Located on stand V2125 alongside a five metre scaffold tower built by TRAD Scaffolding, NASC and CISRS staff, member representatives, and scaffolding industry experts will be on hand to discuss access and scaffolding issues, along with industry guidance and publications.

Particular emphasis will be given to the forthcoming launch of SG4:15 - the confederation's core safety guidance for work at height - in addition to the recent launch of the NASC 2015 Safety Report and the NASC good practice guide to tube and fitting scaffolding TG20:13. NASC staff will also be offering demonstrations and the opportunity to sample the innovative TG20:13 eGuide - in both PC and android device formats.

NASC managing director Robin James, said: "With so much new and revised safety and technical guidance available to the scaffolding industry, and the construction sector, including TG20:13 guidance for tube and fitting scaffolding (and its associated eGuide), and with industry keenly awaiting SG4:15 - the NASC needs to have good visibility at this high profile event. We want to demonstrate to the health and safety industry and the construction sector what we are doing to improve safety standards as the national trade body for access and scaffolding in the UK."



Best family business award

Cornwall-based scaffolding supplier and NASC member Chris Sedgeman Scaffolding has won the Best Family Business award in the 10th Annual Cornwall Business Awards.



NASC member Chris Sedeman Scaffolding won the Best Family Business at the Cornwall Business Awards

A spokesperson for the Cornish Awards said: "The Cornwall Business Awards are a celebration of innovation, achievement, and entrepreneurial spirit within the Cornish business community. It shines a spotlight on the amazing people who help drive the Cornish economy forward, and make it one of the best places in the country to do business."

Company owner Chris Sedgeman, added: "It's fantastic to have won this award, especially when running against such good Cornish companies, and to be recognised for all the hard work put in by the company last year. We would like to thank all our staff, customers, and suppliers for their continual support, it is greatly appreciated."

Growth in the Middle East

Middle East OSTs centre re-accredited

Simian Skill's training centre in Al Qorz, near Dubai, has gained Construction Industry Scaffolders Record Scheme (CISRS) accreditation for the third consecutive year.

Operations director Ian Fyall said: "It's great to be working with CISRS and helping to expand awareness in the Middle East. It is no easy task when there are so many other schemes out there offering courses with fewer days and less practical training. However we persevere as we know it will become the scheme of choice over time, as it has over the last 40 years in the UK."



Simian Skill's Al Qorz training centre has gained CISRS accreditation for the third year running

Further success in Middle East



Safety & Access and Aecor have opened a new centre in Al Khor, Qatar

Safety & Access' Middle East training centre in Ajman, UAE, also gained re-accreditation for the third consecutive year.

The company has also opened a new centre in Al Khor, Qatar, in partnership with local scaffolding company Aecor. The two training centres can offer Level 1-3 Scaffolder training, Scaffolding Supervisor courses, Basic and Advanced Scaffold Inspection, as well as system product training.

David Mosley of Safety & Access said: "It's great to see the OSTs scheme taking off in the Middle East.

We are rapidly becoming the scaffolder training scheme of choice, both in this region and the Pacific Rim. The new Safety & Access/Aecor facility in Qatar marks another significant milestone in the development of CISRS training outside the UK."

CISRS presentation at Qatar conference

In addition to the recent Middle East training centre audits, David Mosley joined Rick Statham, joint managing director of Safety & Access, to speak about CISRS training at a major industry conference in Qatar.

Aiming to promote formal scaffolding training standards to access, construction and industry professionals in the region, the conference was attended by over 70 delegates.

Mosley said: "The CISRS presentation was well received and the subsequent question and answer session was very lively. It was great to spread the NASC and CISRS message to a number of major players in the region."

For further details about CISRS OSTs training and accredited training providers, or to find out more about CISRS, please visit:

www.cisrs.org.uk or email: enquiries@cisrs.org.uk.

For more details visit:
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His book is an unusual combination of autobiography and history of Simon Engineering Dudley, a pioneer of the powered access industry and at one time, the world's largest manufacturer of aerial lifts.

The coffee table sized book, is highly readable and includes around 150 photographs and drawings from the very beginning of the industry. It is a 'must read' for anyone who is interested in powered access, the hydraulic equipment industry or in comparing modern day engineering challenges with those of an entirely different era.

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Kobelco CKE2500G Crawler Crane

The Kobelco CKE2500G is a 250 tonne hydraulic lattice boomed crawler crane and this 1:50 scale model is in the colours of Sarens, the Belgian international lifting specialist. It is made by Tonkin Replicas.

The model consists of many parts which are supplied in a multi-layered box. However the supplied assembly manual sets a very high standard with detailed step-by-step photographs and written instructions in English and Japanese. A nice touch is that nearly all of the smaller parts are supplied in their own labelled bags for easy identification. Assembly is straightforward and a number of hours are needed for the full configuration.

The model is very detailed. The metal crawler tracks roll reasonably well, and the separate crawler assemblies can be used as transport loads. It also has working translifters.

The cab can be posed in either the fixed or tilted configuration of the real crane, and there are tiny graphics/decals which really add to an authentic look. The body casting is detailed and there are many small parts used to provide detail.

The counterweight assembly is very good. Each block is secured to its neighbours with joining pieces and nuts and bolts, so there is no danger of dislodging the blocks.

The boom and jib sections are metal and they are detailed with mesh walkways and tiny decals. All combinations of boom and jib can be configured so the model is very flexible in this regard. A very big model can be assembled (182 cm / 6ft tall) but it is not stable if the boom is set at any significant angle.

The winches on the model work well enough, although they rely on friction as a brake, and they do not have enough thread to lower the boom and jib fully.

The key plus point of this model is the high standard of detailing achieved, with many small parts and tiny graphics/decals used. Whilst the quality of manufacture is not always top quality, any issues were minor on the review model. Overall this is an impressive looking crane model.

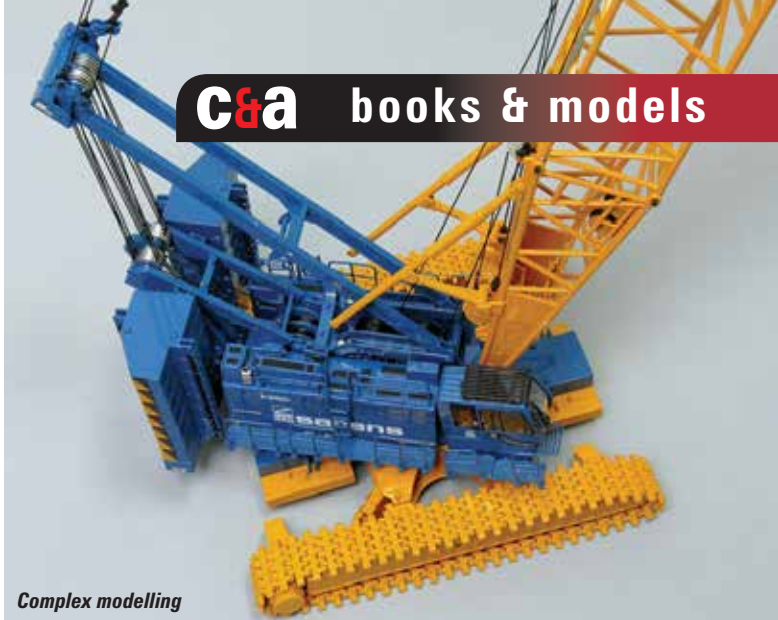
It costs €399 from the Sarens web shop (www.sarensshop.com).

To read the full review of this model visit www.cranesetc.co.uk



Tall at full height

Cranes Ect Model Rating	
Packaging (max 10)	9
Detail (max 30)	29
Features (max 20)	16
Quality (max 25)	19
Price (max 15)	11
Overall (max 100)	84%



Complex modelling



Tiny decals add to the realism



Good as a transport load



Intricate detailing

Readers Letters



Hi Mark/Ed,

Just a quick one really to say that last month's comment in C&A was a very well written, a good read which I completely agree with. Hopefully the industry will keep having great characters who enjoy what they do! Cheers

Best Regards

Alex Weston

Dear Sir,

The HSE (GB) is finally prosecuting a company and its owner for the fatal tower crane collapse in Battersea in 2006. Details of this can be found on Vertikal.net, the online information site for the crane industry.

Failure to follow H&S law can destroy a business, those within the industry may find the Battersea case of particular interest as it is nine years from incident to start of a prosecution in court. In line with their terms of consistency HSENI should now take a similar line of action regarding an incident at the Dunmurry premises of a Highway plant hire in 2008. This incident produced a very damning inquest for HSE(NI) in May 2014.

These very sad yet similar situations date from a time when crony capitalism may not have been so well understood by those in power.

Trevor Bailie

Aghalee, Co Armagh

On investigation it seems that this letter is driven by the fact that Mr Baillie was pursued by HSE(NI) following an incident with one of his self-erecting tower cranes, which resulted in two attempts to prosecute him for Health & Safety offences, which in both cases the jury ruled in his favour. The 'persecution' he claimed (See letters C&A October 2013) was due to "a competitor, a croney of one of the local HSE inspectors" trying to blacken his name. He accused the service of being corrupt and subject to cronyism. Something that the HSE(NI) denied in a letter to the editor the following month (C&A November 2013). The Highway Plant incident he refers to concerns the tragic death of Gareth Keys, who died after a JLG 500RTS overturned while he was giving it a post rental check over. The inquest ruled that the machine had failed due to two defects, which it said should have been detected at the start of the check, before Keys went up in the platform. As a result it found that he had not received sufficient training or supervision. The HSE(NI) however found that Keys had been trained properly by a fully qualified and experienced trainer and as a result did not bring a prosecution.

We received numerous texts, emails and letters regarding Vertikal days all of which were highly positive, although some complaints over the management of the road construction under the M6 were far less complimentary. The following sum up the general tone of the communications so far.

Dear Leigh,

I just wanted to send a note to thank you, Pam, and the rest of the team for the amazing support you gave me at my first Vertikal Days showing. As a new business, with a slightly 'off the wall' product, approaching such an event was quite daunting, but I was helped enormously by all of the team for which I am very grateful.

As you know, I felt that I had a really good show commercially, and you can rest assured that I will be booking very early for next year and anybody that asks me if the show is worth it for a new business will receive a very positive response.

Over the years of attending the show as a visitor, I had never appreciated the amount of work that you and the team put in to making the show a success for exhibitors and visitors alike and it would be very easy to take the smooth running of the show for granted, so once again very many thanks.

Best regards

Gary Brady

The Furniture Hoist Company

Dear Pam and Leigh

Just wanted to send a quick note to say we had a great show - the best ever yet I think - so thanks very much to yourselves and the team. We had a good, steady stream of visitors throughout the first day, although yesterday was noticeably quieter there were definitely different faces to the day before.

I think some of your tweaks worked really well too - the two-ended serving areas for food...and the designated dance area in the middle!

Great show guys

Kind Regards,

Lucy Bebbington

Peter Allison 1924 -2015

Peter Allison has died at the age of 90, following a highly successful career selling UK construction equipment on the international market. Born in Glasgow in 1924, he was the second-youngest of five children. His father was Peter Hullachan Allison, a music hall artist, who acted under the stage name Peter Hart, and Annie MacDougall.



At the age of 15 he started work as an apprentice in the Royal Ordnance Factory's Dalmuir Docks, and he later worked as a draftsman for John Brown Engineering. After the Second World War, he moved to St Albans with his first wife Isabel, who he married in January 1949. They went on to have three children: Ken, Jan and Christopher.

During the 1950s, he worked for Schat Davits and then in the early 1960s, joined the newly formed Overseas Sales Department of Coles Cranes. He quickly established a reputation for intelligence and determination selling in Scandinavia, where equipment regulations were more stringent than elsewhere in Europe. Coles products didn't conform to these regulations but he persuaded the engineering department - against initial opposition - to redesign the cranes so that they did comply. As a result Coles became a dominant force in the region.

By 1966, his first marriage had broken down, and after a three-year separation they divorced. In 1969, he married Jan Miller. Shortly after this, he left Coles, to join Lancer-Boss, where he worked with the company's formidable chairman, Sir Neville Bowman Shaw. In mid-1975, he was invited to join the Arabian Automobile Agency, Lancer-Boss's dealer in Saudi Arabia. His success in the role persuaded Coles to tempt him back, and - despite his initial reluctance - he re-joined the company in 1979 as export sales director. His return was said by one of his colleagues as being "Like the Second Coming, but with better jokes". He made an immediate impact, travelling the world, reinvigorating dealers and helping to negotiate a number of large deals. David Steel, the Coles managing director from the mid-1970s, said: "Peter was a man of perception and integrity, with the ability to establish strong friendships wherever he went. He was someone for whom my door was always open."

Coles entered administration as part of the Acrow group in 1984, and was acquired by Grove. Allison - now aged 60 - was asked to remain as export sales director of what became Grove Coles. He remained in the job until he retired in 1991 and moved with wife Jan to Bournemouth, where he indulged his love of golf, playing two or three times a week, as well as creating and tending a magnificent roof garden. He was also reunited with his children Ken and Jan, having lost touch after his divorce. It meant that he quickly had to come to terms with having five grandchildren, later to be joined by two great-grandchildren, and then two great-great-grandchildren.

As his wife Jan's eyesight failed he increasingly became her carer, managing to look after her at home as she became increasingly frail. After

47 years of married life, she passed away in December 2013 at the age of 98. In 2007, he asked to become honorary secretary of Cobblers - the Coles Cranes' former employees' society - and although he was already in his 80s, he took to the task with boundless energy and enthusiasm. He organised two lunches a year, both of which were always well attended. He also arranged city-breaks for groups of members, which were also very popular.

The most recent Cobblers event was a pre-Christmas lunch he organised in December, which was also his 90th birthday. Over 50 members joined the party, where they also celebrated his apparent recovery from lung-cancer. Sadly a bout of tuberculosis which had cost him half a lung during the 1950s, combined with his weakness following the cancer treatment, finally defeated him. He passed away peacefully at home on 1 April 2015 as he had always wanted to do. He leaves behind a large and loving family and many devoted friends around the world.



Peter Allison - at the front with his wife Jan - and colleagues from Coles Cranes at his retirement party in 1991

The above tribute was provided by Martyn Wilson, who was responsible for advertising and publicity at Coles Cranes for many years before establishing his own agency in London, and was co-author of the book 'Coles 100 years' published in 1979. As a colleague he knew Peter but they only became firm friends in the past 10 year, while collaborating on Cobblers events.

I knew Peter too, having worked as a co-director in the late 1980s. He was not always the easiest man to get along with, being a tough gruff Scot - possibly something of a front for a soft centre? However I came to respect him, and he could always be relied on to support you, if he felt you had a case, while equally happy trying to shoot you down if he did not agree with you. I grew to appreciate a good deal more looking back, but sadly had not seen him in almost 25 years.

Leigh Sparrow

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Gorinchem, Netherlands
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www.bolognafiere.it



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351 PPM ATT 400/2	2000	4x4x4	30,40m + 15,00m
401 Demag AC 40-1 City	1999	6x6x6	31,20m + 13,00m
501 Terex Demag AC 50-1	2006	6x6x6	40,00m + 17,60m
501 Terex Demag AC 50-1	2005	6x6x6	40,00m + 17,60m
551 Liebherr LTC 1055-3.1	2005	6x6x6	36,00m + 7,80m
551 Terex-PPM AC 55	2005	6x6x6	40,20m
551 Terex-Demag AC 55 City	2006	6x6x6	40,00m + 13,80m + 1,20m
601 Fann ATF 60-3	2005	6x6x6	40,00m + 16,00m
601 Fann ATF 60-3	2003	6x6x6	40,00m
701 Grove GMK 4070-1	2000	8x8x8	38,10m + 16,00m
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801 Demag AC 80-1	1999	8x8x8	50,00m + 17,60m
801 Tadano Fann ATF 80-4	2005	8x8x8	48,50m + 16,00m
1101 Tadano Fann ATF 110G-5	2008	10x8x8	52,00m + 16,20m
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1401 Terex Demag AC 120-1	2006	10x6x8	60,00m + 17,00m
1601 Liebherr LTM 1160-2	1998	10x6x10	60,00m + 22,00m + 3,40m
1801 Demag AC 180	1998	12x8x8	60,00m + 32,50m + 1,50m
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Universal Platforms	www.universalplatforms.com
Wilson Access	www.wilsonaccess.co.uk

Notified Body

Powered Access Certification	www.pac.uk.com
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New & Used Platforms

IAPS	www.iapsgroup.com
Advanced Access Platforms	www.aaplatforms.co.uk
AFI Resale	www.afi-resale.co.uk
A.J. Access Platforms	www.accessplatforms.com
Baulift	www.baulift.de
Davis Access	www.davisaccess.co.uk
Easi-uplifts	www.easiuplifts.com
Facelift	www.facelift.co.uk
Flesch	www.flesch-arbeitsbuehnen.de
Gantic Norway	www.gantic.no
Genie	www.genieindustries.com
Genie UK	www.genielift.co.uk
GT Access	www.gtaccess.co.uk
Hird	www.hird.co.uk
JLG	www.jlgeurope.com
JMS Plant Hire	www.jms-planthire.co.uk
Kemp Hoogwerkers	www.kemphoogwerkers.nl
Kunze GmbH	www.kunze-buehnen.com
Lavendon Sales	www.lavendonsales.com
Leader	www.leader-piatt.it
Liftright Access	www.liftrightaccess.com
Manlift Sales	www.manlift.ie
Mech-Serv (GB)	www.mech-serv.co.uk
Mr Plant Hire	www.mrplanthire.co.uk
Nationwide Platforms	www.nationwideplatforms.co.uk/sales/Platforms
Rothlehner	www.rothlehner.com
Tracked Access	www.trackedaccess.com
Platform Sales	www.platformsales.co.uk
Promax Access	www.promaxaccess.com
Rapid Platforms	www.rapidplatforms.co.uk

Reachmaster (USA)	www.reachmaster.com
Riwal	www.riwal.com/used
Turner Access	www.turner-access.co.uk
TVH - Group Thermote & Vanhalst	www.tvh.be
Universal Platforms	www.universalplatforms.com
Utility Equipment	www.utility-equipment.com
Vertimac	www.vertimac.com
Wilson Access	www.wilsonaccess.co.uk

Special/Bespoke Access & Lifting Solutions

APS	www.iapsgroup.com
GT Lifting Solutions	www.gtliftingltd.co.uk
Ladder Safety Devices	www.laddersafetydevices.co.uk
JMS PLant Hire	www.jms-planthire.co.uk
Liftright Access	www.liftrightaccess.com
Mantis Access	www.mantisaccess.co.uk
Nationwide Platforms	www.nationwideplatforms.co.uk/Hire
Planet Platforms	www.planetplatforms.co.uk
Platform Sales & Hire	www.platformsales.co.uk
Ranger Equipment	www.spiderlift.co.uk
Working At Height Ltd	www.workingatheightltd.com

Special & Niche Access

Acrolift	www.acrolift.co.uk
DENKA Narrow Easi UpLifts	www.rothlehner.com
Easy Reach Scotland	www.easyreachscotland.co.uk
Facelift	www.facelift.co.uk
High Access Hire	www.highaccesshire.co.uk
Higher Access	www.higheraccess.co.uk
JMS PLant Hire	www.jms-planthire.co.uk
Rapid Platforms	www.rapidplatforms.co.uk
Smart Platform Rentals	www.smartplatforms.co.uk
Universal Platforms	www.universalplatforms.com
Wilson Access	www.wilsonaccess.co.uk

Special Lift & Transport Equipment

Arnold Scherlast GmbH & Co.KG	www.arnold-scherlast.de
Collett A Sons, UK	www.collett.co.uk
Wagenborg Nedlift, NL	www.wagenborg.com

Self-Propelled Modular Transporters

Collett & Sons, UK	www.collett.co.uk
Wagenborg Nedlift, NL	www.wagenborg.com

Telescopic Handler Manufacturers

Dieci Telehandlers Ltd	www.dieci-telehandlers.co.uk
Genie	www.genieindustries.com
Haulotte	www.haulotte.com
JLG	www.jlgeurope.com
Manitou	www.manitou.com
Merlo	www.merlo.co.uk

New & Used Telehandlers

Dieci Telehandlers	www.dieci.com
Industrial Access	www.industrialaccess.ro
Lisman	www.lisman.nl
Riwal	www.riwal.com/used
Vertimac	www.vertimac.com
VHS Vissers Heftruck Service	www.vhsblad.nl

Telehandler Rental

GT Lifting Solutions	www.gtliftingltd.co.uk
JMS PLant Hire	www.jms-planthire.co.uk
Readyplant Ltd	www.readyplant.co.uk

Site Safety Audits

Alfa Access Services	www.alfa-access-services.com
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Industry Associations

ALLMI	www.allmi.com
CICA	www.cica.com.au/
CPA	www.cpa.uk.net
EWPA	www.ewpa.com.au
IPAF	www.ipaf.org
OSHA	www.osha.gov
PASMA	www.pasma.co.uk

Crane Manufacturers

Böcker Maschinenwerke	www.boecker-group.com
Galizia	www.galiziagrupo.com
Grove	www.grovetoolworldwide.com
HCME	www.nrcplant.co.uk
(Hitachi-Sumitomo)	
Jekko Mimicrane	www.jekko.it
JMG	www.jmgcranes.com
Kobelco	www.kobelco-cranes.com
Liebherr	www.liebherr.com

Linden Comansa	www.comansa.com
Maeda	www.maedaminicran.es.co.uk
Manitowoc	www.manitowoccranes.com
Mantis Cranes	www.mantiscranes.ie
Ormig	www.ormig.co.uk
Potain	www.manitowoccranes.com
Sany	www.sany.com.cn
Sennebogen	www.sennebogen.com
Spierings	www.spieringskranen.nl
Tadano Faun	www.tadanofaun.de
Terex-Demag	www.terex-cranes.com
Unic Cranes	www.unic-cranes.co.uk
Valla	www.valla-cranes.co.uk
Wolffkran	www.wolffkran.de
Zoomlion	www.zoomlioncranes.co.uk

Lorry/Truck Loader Cranes

Atlas Cranes UK	www.atlasgmbh.com
Effer	www.effer.it
Hiab	www.hiab.com
Palfinger	www.palfinger.com
PM Cranes	www.pm-group.eu

New & Used Cranes

AGD Equipment	www.agd-equipment.co.uk
Cranes4Cranes	www.cranes4Cranes.com
Cranes UK	www.cranesuk.net
Crowland Cranes	www.crowlandcranes.co.uk
E.H Hassells	www.hassells.com
Electrogen Int	www.electrogen.ie
IMC Cranes	www.imc-cranes.com
Jones-Iron Fairy	www.jonesironfairy.co.uk
Kobelco	www.kobelco-cranes.com
Leader	www.leader-piatt.it
Maeda	www.maedaminicranes.co.uk
Mantis Cranes	www.mantiscranes.co.uk
M. Stemick	www.stemick-krane.de
NRC	www.nrcplant.co.uk
P.V. Adrighem BV	www.adrighem.com
Rivertek Services	www.rivertekservices.com
Terex Demag	www.terex-cranes.com
Hird	www.hird.co.uk

Heavy Lifting Equipment

Lifting Gear UK	www.lifting-equipment.co.uk
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Furniture Hoists

The Furniture Hoist Co	www.furniturehoists.co.uk
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Crane Hire

AB2000	www.ab2000.co.uk
Ainscough	www.ainscough.co.uk
Berry Cranes	www.berrycranes.co.uk
Bob Francis Crane Hire	www.bobfranciscranehire.co.uk
Cork Crane Hire (Liverpool)	www.corkcranehire.com
Crane Hire Ltd	www.cranehireltd.com
City Lifting	www.citylifting.co.uk
Emerson Cranes	www.emersoncranes.co.uk
John Sutch Cranes	www.johnsutchcranes.co.uk
King Lifting	www.kinglifting.co.uk
Ladybird tower crane hire	www.ladybirdcranehire.co.uk
Mantis Cranes	www.mantiscranes.co.uk
McNally crane hire	www.cranehire-ireland.com
NRC	www.nrcplant.co.uk
Port Services	www.portservices.co.uk
Heavy Crane division	

Mini Crane Hire

Easi Up Lifts	www.easiuplifts.com
Easy Reach Scotland	www.easyreachscotland.co.uk
Emerson Cranes	www.emersoncranes.co.uk
GGR	www.unic-cranes.co.uk
Hire Maeda	www.maedaminicranes.co.uk
JT Mini Crane Hire	www.jtminicranes.co.uk
Lift Limited	www.liftminicranehire.co.uk
NRC	www.nrcplant.co.uk
Hird	www.hird.co.uk
Tracked Access	www.trackedaccess.com

Self Erecting Tower Cranes

City Lifting	www.citylifting.co.uk
Electrogen Int	www.electrogen.ie
John Sutch Cranes	www.johnsutchcranes.co.uk
King Lifting	www.kinglifting.co.uk
Ladybird tower	www.ladybirdcranehire.co.uk

London Tower Cranes	www.londontowercranes.co.uk
Mantis Cranes	www.mantiscranes.co.uk

Tower Cranes

Electrogen Int	www.electrogen.ie
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Heavy Lift Management

DWLS	www.dwls.co.uk
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Heavy Lift Planning & Risk Analysis

DWLS	www.dwls.com
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HLI Consulting	www.hliconsulting.com
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Ancillary Equipment

TMC lifting supplies	www.tmc-lifting.com
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Auction Houses

Ritchie Brothers	www.rbauktion.com
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Battery Suppliers & Manufacturers

Shield Batteries	www.shieldbatteries.co.uk
Trojan Battery	www.trojanbattery.com
Platinum Batteries (Europe) Ltd	www.platinumbatteries.co.uk

Load Monitoring Systems

Force Logic UK Ltd	www.force-logic.co.uk
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Control Systems

MOBA Automation	www.moba.de
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Intercontrol	www.intercontrol.de
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Generator Sales & Rental

Electrogen Int	www.electrogen.ie
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JMS PLant Hire	www.jms-planthire.co.uk
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Insurance

Specialist Insurance	www.cover1.com
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Online Technical Help

Crane Tools	www.cranetools.com
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Outrigger Pads, Mats & Roadways

Alimats	www.craneriggermats.co.uk
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Eco power pads	www.outriggerpads.co.uk
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GreenTek	www.greensward.co.uk
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GTP Europe	www.gtp-europe.com
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KO-Mats GmbH	www.ko-mats.com
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Marwood	www.marwoodgroup.co.uk
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Mat & Timber Services	www.sarumhardwood.co.uk
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Nylacast	www.nylacast.com
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Solum	www.thesolum.com
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Timbermat	www.timbermat.co.uk
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TMC lifting supplies	www.tmc-lifting.com
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Universal Crane Mats	www.universal-crane-mats.com
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Parts & Service Suppliers

Aerial & Handling Services	www.aerialandhandlingservices.com
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Alfa Access Services	www.alfa-access-services.com
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Caunton - Access	www.caunton-access.com
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Chaintech (UK)	www.chaintec.co.uk
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Crowland Cranes	www.crowlandcranes.co.uk
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C-Tech Industries	www.ctech-ind.com
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Davis Access Platforms	www.davisaccess.co.uk
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Electrogen Int	www.electrogen.ie
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IAPS	www.iapsgroup.com
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JLG	www.jlgeurope.com
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Lift-Manager	www.lift-manager.com
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TVH - Group Thermote & Vanhalst	www.tvh.be
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Unified Parts	www.unifiedparts.com
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Vertimac	www.vertimac.com
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Innovations

Aerial & Handling Services Ltd	www.aerialandhandlingservices.com
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Recruitment

Vertikal.Net	www.vertikal.net/en/recruitment
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Rental Management Software

Higher Concept Software	www.higherconcept.co.uk
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Inspire	www.inspire.com
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MCS Rental Software	www.mcs.co.uk
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Replacement Filters

Plant Filters	www.plantfilters.co.uk
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Safety Equipment

AGS	www.ags-btp.fr
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Airtek equipment	www.airteksafety.com
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Heaton Trestle	www.heatonproducts.co.uk
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Heaton	www.heatonproducts.co.uk
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Scaffold Towers	
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Load Systems UK Ltd	www.loadsystems.com
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Marwood	www.marwoodgroup.co.uk
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SMIE	www.smie.com
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Software

Higher Concept	www.higherconcept.co.uk
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inspHire	www.inspire.com
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Matusch GmbH	www.matusch.de
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MCS Rental Software	www.mcs.co.uk
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Structural Repairs

Avezaat Cranes	www.avezaat.com
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Crowland Cranes	www.crowlandcranes.co.uk
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John Taylor Crane Services	www.jtcranes.co.uk
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Training Associations & Networks

ALLMI	www.allmi.com
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AWPT	www.awpt.org
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IPAF	www.ipaf.org
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NASC	www.nasc.org.uk
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Pasma	www.pasma.co.uk
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Training Centres & Trainers

Access	www.accessplatformsdirect.co.uk
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Platforms Direct	
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IAPS	www.iapsgroup.co.uk
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Active Safety	www.activerentals.co.uk
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Advanced	www.accessplatformsuk.com
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Access Platforms	
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UTN	www.utntraining.co.uk
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Ainscough	www.ainscoughtraining.co.uk
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AJ Access	www.accessplatforms.com
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APL	www.apl-aerialplatforms.co.uk
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Approved Safety Training - Ca	www.approvedsafetytraining.com
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GT Access	www.gtaccess.co.uk
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Lift-Manager	www.lift-manager.com
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LTC Training Services	www.ltctrainingservices.co.uk
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Nationwide	www.nationwideplatforms.co.uk/Training
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Platforms	
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Smart Platform Rentals	www.smartplatforms.com
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Astra Access	www.astratraining.co.uk
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Safety Training

Atlas Cranes UK	www.atlasgmbh.com
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Avon Crane	www.avoncrane.co.uk
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Brogan Group	www.brogangroup.com
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Davis Access	www.davisaccess.co.uk
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Easi-UpLifts	www.easiuplifts.com
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Emerson	www.emersontrainingservices.co.uk
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Training Services

Facelift	www.facelift.co.uk
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HCS	www.hydrauliccraneservices.co.uk
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Hewden Training	www.hewden.co.uk/training
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Hi-Reach	www.hi-reach.co.uk
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Hiab	www.hiab.com
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Horizon Platforms	www.ipaftrainingcourses.co.uk
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JLG Training	www.jlgeurope.com
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L&B Transport	www.lbtransport.co.uk
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V16969 - Haulotte Compact 8 - 2008
Electric - 8.20 Mtr. - 402 Hrs.
€ 4.500



V15409 - JLG 2646ES - 2008
Electric - 9.80 Mtr. - 262 Hrs.
€ 7.250 - *NEW WHEELS!*



V16523 - Skyjack SJ4632 - 2007
Electric - 11.80 Mtr. - 155 Hrs.
€ 6.500



V17163 - JLG 3369LE - 2001
Electric - 12.06 Mtr. - 1209 Hrs.
€ 7.500



V16618 - GSL S151 E12 - 2000
Electric - 17.20 Mtr. - / Hrs.
€ 7.500



V17002 - Genie GS3268RT - 2002
Diesel 4x4 - 11.75 Mtr. - 4053 Hrs.
€ 7.500



V17079 - JLG 3394RT - 2005
Diesel 4x4 - 12.06 Mtr. - 2011 Hrs.
€ 13.950



V17287 - Haulotte H15 SX - 2006
Diesel 4x4 - 15 Mtr. - 1222 Hrs.
€ 13.500



V15925 - Genie GS4390RT - 2009
Diesel 4x4 - 15.11 Mtr. - 1151 Hrs.
€ 25.500



V15373 - Haulotte H18 SX - 2005
Diesel 4x4 - 18 Mtr. - 1453 Hrs.
€ 14.950



V16396 - Manitou 80 VJR - 2009
Electric - 7.70 Mtr. - 269 Hrs.
€ 10.500



V16431 - Manitou 105 VJR2 - 2007
Electric - 10.30 Mtr. - 655 Hrs.
€ 9.500



V16763 - Genie Z30/20N - 2000
Electric - 11.14 Mtr. - 929 Hrs.
€ 9.950 - *NEW WHEELS!*



V17094 - JLG E300AJP - 1999
Electric - 11.14 Mtr. - 955 Hrs.
€ 9.250



V16705 - Haulotte HA12IP - 2011
Electric - 12 Mtr. - 310 Hrs.
€ 22.500



V17228 - Genie Z45/25RT - 1999
Diesel 4x2 - 15.90 Mtr. - 4723 Hrs.
€ 8.950



V16497 - JLG 600AJ - 2004
Diesel 4x4 - 20.29 Mtr. - 3851 Hrs.
€ 23.500



V16801 - Genie Z60/34RT - 1999
Diesel 4x2 - 20.39 Mtr. - 5022 Hrs.
€ 12.000



V16499 - Haulotte HA260PX - 2008
Diesel 4x4x4 - 25.60 Mtr. - 1505 Hrs.
€ 36.000



V17152 - JLG 1250AJP - 2008
Diesel 4x4x4 - 40.10 Mtr. - 4153 Hrs.
€ 87.500



V16671 - Genie S45 - 2003
Diesel 4x4 - 15.70 Mtr. - 2457 Hrs.
€ 11.500



V17147 - Haulotte H21TX - 2000
Diesel 4x4 - 20.60 Mtr. - 8059 Hrs.
€ 10.750



V17284 - JLG 660SJ - 2007
Diesel 4x4 - 22.32 Mtr. - 1014 Hrs.
€ 36.500



V17177 - JLG 1200SJP - 2007
Diesel 4x4x4 - 38.58 Mtr. - 3594 Hrs.
€ 77.500



V16506 - JLG 1350SJP - 2008
Diesel 4x4x4 - 43.15 Mtr. - 2721 Hrs.
€ 89.500



Height for Hire

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+2000 NEW AND USED MACHINES AVAILABLE



Genie Z-135/70
2007 POA

43.00 metre
3700 hours
9 units available
4WD

 diesel



Genie Z-34/22N
2005 €16500

12.52 metre
650 hours
6 units available
4WD

 diesel



Genie Z-45 /25 JRT
2007 €26950

15.90 metre
2500 hours
20+ units available
4WD

 diesel



Genie Z-60/34 JRT
2006 €36000

20.22 metre
3000 hours
6 units available
4WD

 diesel



JLG 860 SJ
2008 POA

28.04 metre
2600 hours
11 units available
4WD

 diesel



JLG 1350SJP
2008 POA

43.00 metre
3000 hours
8 units available
4WD

 diesel



Omme 3000 RBD
2008 €55000

29.70 metre
2000 hours
2 units available
Tracked

 hybrid



Manitou MT 1435
2006 €26000

13.60 metre
5000 hours
5 units available
4WD

 diesel



Maeda MC 285 CRM - E
2007 €40000

8.70 metre
800 hours
8 units available
Tracked

 hybrid



Manitou MRT 3050
2008 POA

29.70 metre
3800 hours
1 unit available
4WD

 diesel



Genie GS 3246
2006 €8500

11.58 metre
350 hours
10+ units available
2WD

 electric



Skyjack 7135 RT
2007 €15000

12.50 metre
2000 hours
20+ units available
4WD

 diesel



Height for Hire International Sales
Patrick McArdle
 Sales Manager
 +353 (0)87 797 5919
 tel: +353 (0)1 835 2835
 fax: +353 (0)1 835 2781
 sales@easiuplifts.com

Easi UpLifts

is changing its name to

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on **1st of July 2015**



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4 TONS OF
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60 M/MIN OF
HOOK SPEED



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