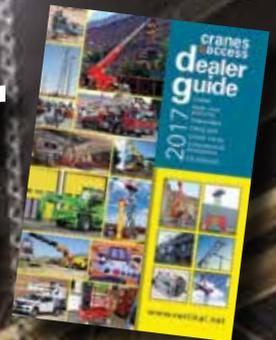


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July 2017 Vol.19 issue 5

Dealer
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On the cover:

A Skyjack SJ16 with short traversing deck being used to carry out maintenance on an overhead crane.



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Conspicuous by their absence

Two things immediately struck me as I watched media coverage of the horrific Grenfell Tower fire in London, in the early hours of Wednesday 14th July, some five hours or so after London Fire Brigade was alerted - cladding shouldn't burn like that and where were the large aerial lifts to extinguish the fire and rescue those trapped on upper floors?

This disaster was no accident - it was a combination of 'errors' that unfortunately resulted in the perfect storm. Without getting into the politics of the tragedy - which will no doubt be covered in-depth as the inquiry progresses - there are several areas that need serious and immediate scrutiny, such as why London's largest fire rescue platform was only 32 metres - Grenfell Tower is 67 metres.

This height deficiency was flagged up several years ago after a fire at another block. That inquiry even named a manufacturer of large truck mounted platforms that could supply them. None were ordered.

At Grenfell it took hours to get a 42 metre platform from the Surrey Fire Brigade, giving additional, but nowhere near enough height. London appears to have fewer than 10 of the 32 metre aerial ladder platforms. But this problem is not just confined to fires in tower blocks, it applies to anyone needing help or rescue when more than 40 metres/15 storeys above ground, including tower crane operators.

The annoying thing is that the UK access rental industry has at least 50 truck mounted platforms capable of reaching the top of Grenfell Tower or higher, but none were called for during the fire. With many residents driven to the upper floors by the fire, the final death-toll might have been so much lower if they had been deployed.

But what can be done?

Our letters section includes posts from current and past IPAF chief executives Tim Whiteman and Paul Adorian. Whiteman's letter to mayor of London Sadiq Khan asks whether the higher truck mounted platforms owned by IPAF members might be made available to fire crews to rescue people trapped in high rise buildings. True there are issues around the design and intended use of existing equipment, but many are open and willing to see if their platforms could be adapted for fire rescue applications.

Paul Adorian's letter on the other hand points out how seriously under-equipped London is and how with the right equipment the outcome of the fire might have been totally different.

We assume that our local fire department has access to the equipment to deal with such incidents, but as this disaster shows, they do not.

Several manufacturers supply large platforms designed for fire fighting. It is simply down to the politics or funding issues as to whether they are purchased or not. Inquiry recommendations are sometimes followed, sometimes not. Let us hope that in the time this one takes, there is not another disaster where the same questions are asked.

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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Liebherr ship to shore and rubber tyre gantry cranes.

Crane companies accused of paying bribes

South African investigative news outlet Daily Maverick/Amabhungane & Scorpio has accused China's Shanghai Zhenhua Heavy Industries and Liebherr of paying bribes or kickbacks to the influential Indian born Gupta family in South Africa in order to win port crane contracts from state owned Transnet.

The claim cites numerous transactions from the two companies to various consultants and intermediaries and then ongoing transactions from those companies to the Gupta family, supposedly to secure the relevant tenders. In the case of Shanghai Zhenhua it was for seven tandem lift ship to shore cranes for the container terminal at Durban harbour in a deal worth \$92 million in 2011. Reports say it paid \$4.2 million in kickbacks, 19 percent of which was skimmed off by intermediaries.

The Liebherr deal was for four 65 tonne ship to shore cranes and 18 rubber tyred gantry cranes sold by Liebherr Africa with the support of Liebherr Killarney, Ireland. This was not the first order from Transnet which already operated nine Liebherr cranes. The news outlet claims that Liebherr paid R55 million (\$4.25 million) through various intermediaries, one of which was a 2015 down-payment on a feasibility study to a subsidiary of advisory firm Regiments Capital.

Transnet said it is conducting its own internal enquiry and Shanghai Zhenhua has so far declined to comment. Liebherr however was quick to confirm that any such payments are totally contrary to its ethics and principles and denies any relationship with the Guptas. It has also issued a statement confirming that it has launched a full investigation into the claims and hopes to be able to update on its findings shortly.

All change at Tadano Faun

Tadano has announced the departure of Tadano Faun chief executive Alexander Knecht and general manager sales & marketing Thomas Schramm.

Knecht's duties have been taken over by Kenichi Sawada, 51, who was previously a senior executive of the parent company responsible for after-sales service, used cranes and information/communication technology. Knecht joined Tadano from Terex in 2009 where he was managing director and chairman of Terex Demag. He will continue in an advisory role until the end of the year.

Other changes include Rolf Sonntag, 51, taking over sales & marketing, order processing and HR. A director of the German company since 2007, he will also take over management of Tadano UK and Tadano France. Ulrich Zschenderlein, 48, is promoted to director of operations, Hiroaki Sakai, 48, takes over responsibility for quality management and Yuji Muneno, 48, will continue as director of research and development alongside his role as general manager for Sustainable Value Engineering in Japan.



Alexander Knecht (L) hands over the business to new chief executive Kenichi Sawada

The new board of directors at Tadano Faun (L-R) Hiroaki Sakai, Ulrich Zschenderlein, Kenichi Sawada, Rolf Sonntag and Yuji Muneno



John Deere and Wacker Neuson form strategic alliance

John Deere and the Kramer division of Wacker Neuson have formed a strategic alliance on the distribution of Wacker Neuson/Kramer telehandlers to the agricultural market.

The deal also includes Kramer telescopic and all-wheel-steer wheel loaders. The companies say that the aim of the agreement is to build a long-term collaboration. John Deere does not produce telehandlers or specialist wheel loaders and will therefore recommend Kramer to its dealers as its preferred supplier of this type of equipment. The collaboration will initially focus on Europe, expanding later to the CIS countries, North Africa and the Middle East. John Deere will also purchase a number of shares in the Kramer-Werke business, the size of this stake has not yet been disclosed. Wacker Neuson's current agreement to supply Claas branded telehandlers for the agricultural market comes to an end next year as Claas switches its OEM supply agreement to Liebherr.



A Kramer KT276 telehandler

German optimism at Terex Cranes

Terex Cranes has reached a positive agreement with the Works Council and union IG Metal regarding its German production facilities as order intake improves. When the company announced substantial restructuring plans in December it anticipated between 300 and 500 job losses in the Zweibrücken area as the Bierbach plant was closed and Dinglerstraße-Zweibrücken offices transferred to Wallerscheid. However the situation now looks a great deal more optimistic.

The Bierbach facility has been sold to Trier-based Steil Kranarbeiten with part of it to be rented back for test and inspection work with current employees remaining on site. A further 150 employees involved with steel fabrication, along with the repair and spare parts centre, will gradually transfer to Zweibrücken over the next 18 months with the balance being offered places by the site's new owners.

Terex has also agreed a 'future proof' deal that promises no redundancies due to internal restructuring before 2021 and a guarantee of no job losses at all before 2019 regardless of order intake. In exchange the Works Council and union have agreed a flexibility plan that adjusts hours and staffing to demand. The company will also invest €25 million in the plant and train at least 32 new staff each year.



Terex cranes operation in Bierbach

Fatal tower crane overturn in UK

A luffing jib tower crane with free standing counterweighted base being erected by Falcon Tower Crane Services overturned in Crewe, UK last month injuring the crane operator David Webb and killing two tower crane erectors - David Newall 36, and Rhys Barker 18 - who were trapped under the collapsed tower.

Details of what caused the overturn on the site of a new care home have not been released, while the investigation being carried out by the HSE and police continues. As the tower crane collapsed its jib landed on a house adjacent to the site and across a John Sutch Crane Hire All Terrain crane used in the erection but not carrying out any lifts at the time the tower began to lean.

A full incident report along with a statement from Falcon Tower Cranes can be found online at <http://www.vertikal.net/en/news/story/28333/>



AFI acquires Kimberly Access

UK-based rental group AFI has acquired the assets and ongoing business of Kimberly Access. The deal includes 1,662 aerial platforms and six locations with most of the 85 employees expected to join AFI and remain with the business.

Kimberly reported revenues of £13.2 million last year, with a pre-tax loss of just over £1 million. The deal was prompted by the desire for controlling shareholder, private equity firm LDC - part of Lloyds Bank - looking to exit the business after 10 years as an investor. The Kimberly Access company will remain as a non-trading business with at least two of the main directors remaining in post. It will also retain sufficient assets to cover any financial or legal claims that may arise.

The Kimberly machines will take the total AFI fleet to around 7,000 units with revenues approaching £100 million. The deal will be funded by AFI's private equity investors Rutland Partners along with an increase in the company's senior debt facility. Kimberly was founded in 1994 by Gary Smith and Peter Piekarus and acquired by LDC and Ray Ledger in 2007.



Loxam acquires Cramo Denmark

Finnish international rental company Cramo has sold its main rental business in Denmark to Loxam for around €25 million in cash.

The part of the business being sold had revenues last year of DK149 million (€20 million) with an EBITA of DK4.6 million (€600,000). The transaction includes rental equipment, inventory, customer contracts and the leases on the seven Cramo depots. The 80 employees involved with this part of the business will be offered employment with Loxam Denmark.

Cramo will retain its Danish cabin/Modular Space business which will merge with the recently acquired Just Pavillon. The deal is expected to close by the end of August.

TVH acquires Gardemann from Loxam

Belgian international parts, service and rental group TVH has acquired Lavendon's German activities from Loxam, through the purchase of the entire share capital of Lavendon Holding (Deutschland) and Gardemann Arbeitsbühnen.

The acquisition boosts TVH's position in the German market, bringing together leading powered access rental companies Gardemann and Mateco. The transaction allows Loxam to shift resources to other markets in Europe and the Middle East, it will also focus its activities in Germany on general rental.

TVH chief executive Pascal Vanhalst said: "We welcome all the experienced and motivated team members of Gardemann to participate in the creation of the largest branch network in Germany for the rental of aerial work platforms."



Klubb opens new truck mounted plant

French aerial lift manufacturer Klubb opened its new 7,000 square metre facility last month, with an open day. The plant will produce larger truck mounted lifts including the Xtenso range which is based on designs acquired in the recent Comilev assets purchase. The new plant - located on a 3.2 acre site in Croissy-Beaubourg to the east of Paris - will begin with the manufacture of three telescopic truck mounts, the 18.5 metre Xtenso 3, 21 metre Xtenso 4 and 25.5 metre Xtenso 5, all of which feature straight telescopic booms plus a two section telescopic jib with 180 degrees of articulation.

The new facility joins the existing Klubb plant in nearby Ferrières-en-Brie which opened at the start of last year and builds van and light truck mounted lifts. The company says that production there has now reached 1,000 units a year and hopes to reach 1,700 units with the addition of the new facility.

Chief executive Julien Bourrellis at the opening said: "The group has achieved 20 percent growth, thanks to the development of our export activity. The aerial platform industry is very competitive. Our family run group must therefore find innovative ways to diversify in order to continue producing in France and develop further. Our investment in the production of truck-mounted aerial platforms is a major aspect of the strategy."



The new plant will focus on new truck mounted Xtenso lifts

The new 7,000 square metre Klubb plant in Croissy-Beaubourg



New owner for TCA Lift

Danish private equity firm Generationsskifte Invest has acquired a 65 percent stake in spider lift manufacturer TCA Lift. The current owners and directors Finn Schitterlau and Thyge Mikkelsen will continue to manage the company and retain the other 35 percent of the share capital. Jens Heimburger, Enrico Krog Iversen and Robert Spliid of Generationsskifte Invest will join the TCA board. The firm is an operating division of Dansk Generationsskifte which has been involved in 'generational switches' with small to medium sized Danish companies since 2005.

Jens Heimburger - who is also the founder of Generationsskifte - said: "With a unique range of lifts up to 52 metres, TCA Lift has a strong position in the market. We have conducted customer interviews in eight countries and have confirmed that functionality and quality are the

characteristics of the company. It has also been crucial that Finn and Thyge remain with the company both as leaders and co-owners." Schitterlau added: "We have been looking for a partner who has capital and who has helped developing companies, by creating a renewed



Eva-Karin Mårtensson (L) of BeMå-lyft with Jeroen Kerckhoff of Spierings at the handover of the 900th Spierings crane in Örebro

900th Spierings delivered

Spierings has delivered its 900th self-erecting mobile tower crane to Swedish crane rental company BeMå-lyft. The compact four axle SK597-AT4 with 48 metre jib is proving highly popular, with 50 units delivered since its launch in February last year with a further 50 on order. The full jib can be luffed up to 45 degrees above horizontal for a maximum hook height of 58.1 metres with a 1,700kg capacity. Maximum capacity is seven tonnes at 14 metres radius.

Spierings was formed in 1987, by Leo Spierings and his late wife Tiny and currently offers a range of mobile tower cranes on three, four, five, six and seven axle carriers as well as a crawler model.

Eva-Karin Mårtensson, co-owner and general manager of BeMå-lyft said: "The last few years we have seen the mobile tower cranes becoming ever more popular in Sweden. This new crane will be the first mobile tower crane in the Örebro area. The fast erecting time of eight minutes together with the benefits of being a tower crane are big advantages for our customers."



A TCA Falcon spider lift at Louis Vuitton Foundation in Paris

focus on increasing growth. Although TCA has grown almost 100 percent since we took over the

company in 2011, we believe that the market is significantly larger."

Martin Gutaj, 44 - managing director of UK contractor Martinisation (London) - has been jailed for 14 months after being found guilty of corporate manslaughter following a fatal incident in Cadogan Square, London in 2014. The company has also been fined £1.2 million.

The incident involved the lifting of a large sofa weighing around 130kg through first floor french windows, as part of a £900,000 refurbishment contract. Specialist fine art delivery and logistics company JayHawk quoted Gutaj £848 to deliver and install the sofa, including the hire of a furniture hoist/crane, but he refused and told them drop it outside. Instead he assembled a team to haul the sofa up with ropes. As the sofa reached the balcony, at a height of five metres, the 130 year old cast iron balustrade gave way, causing two of the men - Tomasz Procko, 22 and Karol Symanski, 29 - to fall to the ground, where they died from their injuries. A third man was saved after he was grabbed by a colleague.

The judge said: "Company documents were 'for show' and a health and safety culture was entirely lacking. This was a shocking failure to consider the health and safety of employees and others. The word has got to get out that health and safety is not a boring technicality. Those who are wilfully blind to the risks despite warnings - as you were - have got to expect to go immediately to prison."

Martinisation received previous warnings and prohibition notices, for lack of work at height precautions and erecting a scaffold with untrained staff. Gutaj has been disqualified from being a company director for four years.



The cast iron balustrade gave way.



600 Hiabs for India

Indian truck manufacturer Tata Motors has ordered 600 Hiab loader cranes for the Indian army.

The cranes will be mounted on special Tata military trucks for the transportation and the loading of supplies, spare parts and other operational equipment. The new order follows the delivery of more than 1,450 Hiab loader cranes to the army last year and are scheduled to be delivered later this year.



A 6x6 Tata truck complete with material handling crane for the Indian Army.



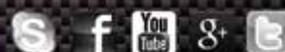
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New ideas for wind turbine lifting

International Heavy lift and transport company Mammoet has launched two new wind turbine erection and service cranes, the WTM 100 and WTA 250. Both cranes use the turbine's tower as its main support, allowing them to lift and lower components to greater heights.

The WTA 250 (Wind Turbine Assembly) has a maximum capacity of 250 tonnes and was developed in cooperation with engineering company Mecal, which provided the wind turbine tower design. The crane attaches to a guide rail on the tower sections. Another crane lifts the base section into place on the foundation, to which the WTA is attached. It then lifts the second section into place and climbs the tower installing subsequent sections as it goes. When at full height it can lift and position the nacelle and blades, before climbing down the tower. Once construction has been completed, the guide rail can either be removed, or remain in place for use on future maintenance operations.

The WTM 100 (Wind Turbine Maintenance) crane has a capacity of 100 tonnes and attaches to two pre-installed hoisting eyes on the tower sections, which it uses to pull itself and the load up the turbine tower. The crane is equipped with claws that wrap around the tower to hold itself in place while lifting. The WTM 100 requires minimal modification to the tower and can be used on existing turbine towers as well as those with pre-installed lifting eyes.

Innovations director Wessel Helms said: "Both cranes are compact - the WTM can fit into two standard containers and the WTA only needs two trailers to be delivered to site making them easy to mobilise and relocate, and much more efficient than conventional alternatives. More importantly, both cranes eliminate the height restrictions for turbines and make both assembly and replacement faster and more cost effective. Also because the cranes are attached to the tower, they have no footprint, making the need for additional ground reinforcements virtually redundant. The tower-based design also puts the crane and the operator closer to the work area, making assembly and maintenance safer and easier. We may introduce more additions to the WT series, depending on customer input."



The Mammoet WTA 250 attaches to the base tower and installs the rest as it climbs its pre-installed track



The 100 tonne WTM 100 pulls itself up on pre-installed lift rings and then clamps to the tower before lifting.

500 new machines for AFI

AFI has ordered 500 new platforms worth £7 million for its AFI-Uplift fleet, with new truck mounted and spider lifts for the Wilson Access fleet.

The order includes a range of scissor and boom lifts from Skyjack, JLG, Genie, Haulotte and Manitou ranging from the 10 metre Haulotte Star 10 mast boom, through to the 180ft Genie SX-180, one of 10 large booms including four 63ft Niftylift HR21s, three 98ft Haulotte HA32PX articulated booms and three 150ft JLG 1500SJ telescopics. Truck mounts include two 30 metre P300s and a 48 metre P480, while the spider lifts include two of the new Hinowa 17.75 Lightlifts.



The new Hinowa 17.75 Lightlift.

Co.M.eT adds two truck mounts

Italian aerial lift manufacturer Co.M.eT has unveiled two new articulated truck mounted platforms, the 18 metre 18-7.5 and the 21 metre 21-8.5. Both models feature dual sigma-type risers and a two section telescopic boom, with simple full pressure hydraulic controls, 'H' type beam and jack outriggers front and rear, dynamic load and work envelope monitoring providing a maximum platform capacity of 250kg at about six metres outreach and 100kg at full outreach, which is 7.5 metres on the 18-7.5 and 8.5 metres on the 21-8.5. Chassis options include Iveco, Nissan or Renault.



Co.M.eT 21-8.5 truck mounted platform.

334 Genies for Rapid

Rapid Access - Lavendon's Middle East operation now part of Loxam - has taken delivery of the first of 334 new Genie booms and scissor lifts.

The new machines include the 180ft SX-180, 150ft SX-150, 135ft SX-135 XC and 125ft SX-125 XC telescopics, while the articulated booms are topped by the 135ft ZX-135/70 on the new, more compact X chassis. The first units have already arrived in Qatar and Kuwait.



The first of 334 Genie platforms for Rapid Access arrive in Qatar

Crane World adds more luffers

Singapore-based tower crane sales and rental specialist Crane World Asia has added 13 Terex CTL 260-18 luffing jib tower cranes to its fleet. The CTL 260-18 has a maximum capacity of 18 tonnes at 18.7 metres, and can handle 3.1 tonnes at its maximum 55 metre jib tip. Earlier this year the company ordered 17, CTL 260-18 and a CTL 650F-45 taking the number of new luffers purchased in the past two years to 60 units.

Crane World director Roger Poon said: "The CTL 260-18 is the most popular model we sell or rent. It is widely used in South Korea and in other countries we serve including Singapore, Taiwan and Hong Kong."



The Terex CTL 260-18

(L-R) James Poon and June Koh of Crane World Asia, Nabil Al Zahlawi of NFT, Roger Poon of Crane World, Zac Tan, Marco Gentilini and Nicola Castenetto of Terex Cranes and Kenny Phoon of Crane World Asia



New ground protection mat



UK-based Outriggerpads has launched a new heavy-duty ground protection mat manufactured from high density polyethylene.

A standard steel connector joins the mats together to form a temporary roadway, while a four-way link bar is also available for creating a larger surface area. Two sizes are available - 1.8 metre x 900mm, designed to accommodate small to medium size aerial lifts and mini cranes, and weighing 24kg, and 2.88 x 1.44 metres which are suitable for large platforms, telehandlers and cranes weighing up to 65 tonnes. Weighing 65kg they feature six handles, for easier placement.



The new ground mats

PB delivers new scissor model

German aerial lift manufacturer PB has delivered the first two units of a new model - the 36ft S128-19E HT heavy duty battery electric scissor lift with 900kg platform capacity - to German rental company Mayer Hubarbeitsbühnen of Aalen, Baden-Wuerttemberg.

The new machines have an overall width of 1.93 metres, standard two wheel drive, non-marking rough terrain tyres and indoor/outdoor rating. Options include a front oscillating axle and four wheel drive.

The first two PB S128-19E HT scissor lifts arrive at Mayer Hubarbeitsbühnen



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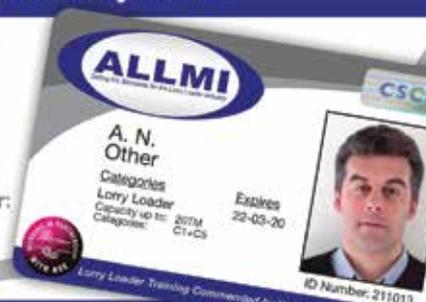
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H&E to acquire Neff

US-based sales and rental company H&E Equipment Services is to acquire Miami, Florida-based rental company Neff in an all-share purchase deal worth \$1.2 billion, including \$690 million of net debt.

The price of \$21.07 a share is subject to downward adjustments of up to 44 cents a share should completion of the deal be delayed beyond mid-January cause a rise in financing. The transaction is expected to close late in the third quarter. For Neff the deal is also subject to it remaining open to better offers until August. Wayzata Investment Partners which holds almost 63 percent of Neff shares has already approved the deal. The acquisition will take the number of H&E branches from 78 to 147 within H&E's existing geographical coverage and the combined fleet will total 43,749 units. The Neff fleets is more weighted towards earthmoving than H&E which is primarily aerial lifts and cranes.



JCB lifts revenues

JCB has announced that 2016 revenues were 12 percent higher at £2.62 billion. At the same time the company says that Earnings Before Interest, Tax, Depreciation and Amortisation jumped 34 percent to £287 million. JCB, a private company, did not mention pre-tax profits, which in 2015 were £102.7 million. On similar ratios pre-tax profits would be in the region of £178 million. These results correct several years of declines and are its highest revenues since 2013.



Strong quarter for United Rentals

US-based United Rentals has reported total revenues for the six months to the end of June were \$2.95 billion, eight percent higher than in the same period last year with pre-tax profits seven percent higher at \$390 million. In the second quarter, revenues improved 12 percent to \$1.6 billion with pre-tax profits just six percent higher at \$229 million. As a result of the upward trend United has raised full year revenue forecasts from \$6.25 to \$6.4 billion. The company has also slightly increased its planned capital expenditure from \$1.05 to \$1.15 billion.



Home Depot acquires rental partner

US DIY chain Home Depot has acquired rental partner Compact Power Equipment for \$265 million in cash. Compact Power Equipment offers a wide range of equipment including trailer lifts, scissor lifts and ultra-compact telehandlers. It has been working with Home Depot since 2008 when it opened three pilot rental centres at Home Base stores in Charlotte, North Carolina. It now has centres in 1,000 of the company's 2,281 retail stores across the USA and Canada and also maintains the equipment that Home Depot owns.



Kiloutou moves into Italy

French general rental company Kiloutou has acquired Italian rental group Cofiloc, which also includes sister company Euronol. The acquisition gives Kiloutou 10 locations in Treviso, Verona and Modena, around 90 employees and a fleet of 4,000 machines including aerial lifts, spider cranes, tower cranes and telehandlers along with a range of earthmoving equipment. Details of the transaction have not been disclosed. The founders and key managers will remain with the business and continue to run the company.



Cooper acquires Alberta Lift

Canadian rental company Cooper Equipment Rentals has acquired fellow Canadian company Alberta Lift and Equipment Rentals. Alberta Lift was established in 2012 with a focus on aerial lift and telehandler rental with a largely Skyjack fleet. It operates from two locations - Calgary and Lethbridge - covering southern Alberta. President and co-founder Justin Wharton will take up a 'senior role' at Cooper to help grow its business in Western Canada. Toronto-based Cooper is controlled by SeaFort Capital and operates from 24 locations across Canada and prior to this acquisition only operated from a single Alberta location in Edmonton.



Ashtead adds in Canada

Ashtead's US business, Sunbelt has confirmed the acquisition of Ontario, Canada-based CRS Contractors Rental Supply for C\$275 million in cash with an additional earn out of up to C\$20 million dependant on future performance. CRS runs a diverse fleet, including boom lifts, scissor lifts and telehandlers, it employs more than 400 people across 28 locations, all of them in Ontario. The acquisition - which is subject to regulatory approvals - is expected to complete in the next few weeks.



BlueLine snaps up Capital Rentals

US-based BlueLine Rentals has acquired Virginia-based Capital Rentals, details of the deal have not been released. Capital Rentals runs a wide mixed fleet including both powered and non-powered access and telehandlers. Founded in 1969, it operates from five locations in Northern Virginia covering the greater Washington DC region with branches in Beltsville, Fairfax, Manassas, Sterling and Triangle. It is also a JLG and Wacker Neuson dealer.



HSS sees progress

HSS has issued a trading update for the 13 weeks to the end of June with revenues slightly up on the same period last year, while planned cost savings are, it says, ahead of its original guidance. The company has also reduced its planned capital expenditure for the year 'due to efficiency gains translating into improved equipment availability'. It now expects to invest between £36 and £38 million - four to six million lower than originally planned.



For the full reports on all these stories check out Vertikal.net

Longer Terex Boom Booster

Terex is extending its Boom Booster kit for its Superlift 3800/Demag CC 3800-1 crawler crane to provide a maximum system length of 183 metres, while improving some capacities by another 30 percent. The kit's new configurations and lengths result of removing lighter top boom sections and adding two more 3.5 metre wide Boom Booster sections at the base. It is available with new crane purchases or as a simple retrofit package for existing 3800 models.

Up to nine 12 metre long booster sections can now be used for a total length of 108 metres, 24 metres more than the original kit. The sections are fitted with the Demag fall protection system as standard and Superlift Split Tray and Flex Frame options are available. The Flex Frame also allows flexible setting of the Superlift counterweight radius from 13 to 21 metres with full counterweight on the tray.

The new Boom Booster kit will give capacity improvements of up to 30 percent and increase maximum system length to 183 metres.

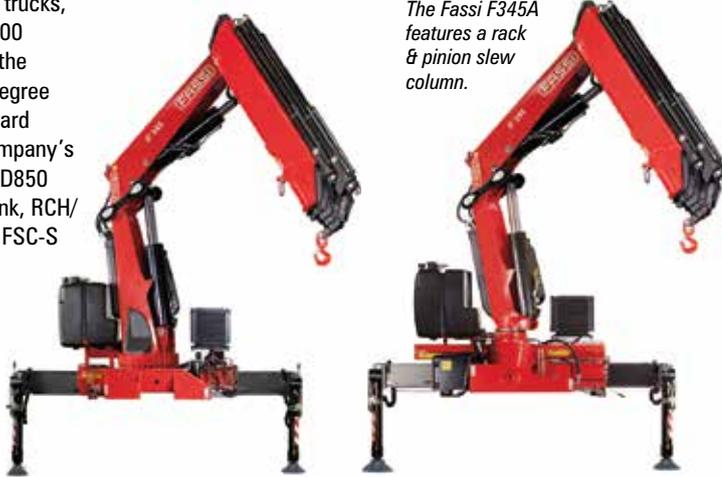


New Fassi medium-duty cranes

Fassi has launched two new medium-duty cranes within its XE range. The F345A xe-dynamic and the F345RA xe-dynamic slot between the current F335A RA and F365A/RA e-dynamic models. Maximum load moments are 33.4 tonne/metres, with a maximum lift height of 33.4 metres. Maximum horizontal reach is 26.7 metres when the six section main boom is combined with the L214 hydraulic extension.

Designed for three axle trucks, the F345A model has 400 degrees of slew, while the F345RA features 360 degree continuous slew. Standard features include the company's FX500 control system, D850 hydraulic distributor bank, RCH/RCS radio controls and FSC-S or H stability controls.

The Fassi F345A features a rack & pinion slew column.



The Fassi F345RA has 360 degree continuous slew.

Mandatory audit for IPAF members in UK

All UK rental company members of IPAF will in future be required to submit to an annual Rental+ audit. The move follows a resolution adopted by IPAF's UK Country Council, ratified at the federation's Annual General Meeting in April.

A two year transition period will come into force this September and will apply to all new and current rental members. The existing IPAF Rental+ scheme will also be modified to include bronze, silver or gold accreditation levels. Once companies have been successfully audited, they will not only have IPAF Rental+ status, but as the scheme has now been accredited by Safety Schemes In Procurement (SSIP), will also have automatic SSIP accreditation. The audit also supports or leads to ISO9001, 14001 and 18001 certification. Current members have until September 2019 to comply.

IPAF chief executive Tim Whiteman said: "This is a really positive evolution of IPAF membership and reflects our members' desire that end users should have the utmost confidence that using an IPAF member company is the best guarantee of the highest levels of safety, expertise and customer service."



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• **A-Plant CEO Sat Dhaiwal** will retire next July and be succeeded by **Richard Thomas**.



Sat Dhaiwal



Richard Thomas

• German rental company **AFI** has purchased 80 aerial lifts.

• UK rental company **Facelift** has taken 10 new 11.2m **Dingli** AMWP 11.5-8100 mast booms.

• **Snorkel** has appointed **KH Lift** as distributor for Denmark.

• The **German army** has ordered 71 **Liebherr** cranes.

• UK rental company **GTAccess** has taken a 47ft **ATN Zebra 16 STAB** boom lift with levelling jacks.

• US distributor **Empire Crane** has promoted **Karl Pitre** to branch manager Bridgewater, NJ branch.



Karl Pitre

• **2 Cousins** has taken the first **JCB** aerial lift to be delivered worldwide - a 19ft **S1930e** slab scissor lift.

• **Briggs Equipment** has purchased 10 **JCB** slab electric scissor lifts for the UK.

• The **Bylor** joint venture has ordered four **Kobelco** crawler cranes.

• Australian rental company **Want Access** has taken a 69ft **Haulotte** HT23RTJ boom lift.

• UK access industry veteran **Gary Smith** passed away following a short illness at the age of 62.



Gary Smith

• German crane rental company **Breithaupt & Philipp** has taken a 250t **Liebherr** LTM 1250-5.1.

• **Isoli** has renewed its partnership with Iran's **Aseman Machine Asia** and appointed **Hiab South Africa** as a dealer.

• UK rental company **JK Ashbrook** has ordered eight **Genie** GTH-2506 telehandlers.

• UK-based **Media Access Solutions** has taken 12 **Niftylifts**.

• **PASMA** has appointed **Daniel Ng** as its representative for Southeast Asia.



Daniel Ng

• German rental company **HVS Hubarbeitsbühnen** has taken five **Snorkel** scissor lifts.

• UK rental company **JMS Plant Hire** has taken 12 **Niftylift** hybrid booms.

• UK rental company **Gearing Plant Hire** has taken a 13t **Kato** CR-130Ri City All Terrain crane.

• **Deutz** has acquired its Spanish dealer **Talleres Soler**.

• **Niftylift** issued a mandatory safety check and retrofit for HR12 4X4 boom lifts.

• Spain's **Noatum Terminal Castellon** has taken delivery of a 125t **G HMK 6507 B**.

• UK rental company **Warren Access** has achieved **IPAF** Rental + accreditation.

• The Ivory Coast division of **Sea-Invest - Petro Sea Logistics** - has taken a 180t **Grove**.

• **Dingli Australia** is trying to locate 20 scissor lifts that need updating.

• Crane rental company **A-Lyft** has taken Sweden's first **Liebherr** MK 140 mobile self-erecting tower crane.

• French contractor **Cardinal Edifice** has taken six new **Raimondi** tower cranes.

• **Shanghai Longcheng** has ordered 50 **Hiab** 111B-2CLX loader cranes.

• UK rental company **Fletcher Access** has taken a 42m **Ommelift** 4200 RBDJ spider lift.



Sam Ray Anthony

• **Sam Anthony** CEO of **Anthony Crane** passed away after a short illness he was 58.

• Access industry veteran **Brian Wiggins** has died following a long illness.



Brian Wiggins

• UK rental company **Star Platforms** has ordered 100 platforms from **Power Towers**.

• **Ruthmann** has appointed **Vertitek** in Chile and **Lumus** in Columbia as **Bluelift** spider lift dealers.

• US rental company **Central Mass Crane Service** has taken a 100t **Tadano** ATF 100G-4 All Terrain crane.

• Netherlands-based **Hovago Cranes** has added to its management team.

• **JLG** has appointed **Rumailah Motors** as a dealer in Qatar.

• US-based **Maxim Crane Works** is to build a \$4.7 million office complex.

• Scotland's **Horizon Reinforcing & Crane Hire** has taken a 40t **Terex** AC 40/2L.

• **JLG** has appointed **Jacques Valckenaere** as telematics manager Europe, Middle East and Africa.



Jacques Valckenaere

• UK-based **Media Access Solutions** has purchased three **Airo** electric scissor lifts.

• A crane operators' strike brought sites in Dublin, Ireland to a standstill.

• **Genie** has appointed **Al Mahroos** as an authorised service provider.

• New York-based **Lifting Solutions** has taken two large **Effer** cranes.

• **Denka Lift** has upgraded its DK18 trailer lift to include automatic self levelling.

• Russia's **Vertex** has delivered a 25m **Palazzani** TZX250/C spider lift to Nazarbayev University, Kazakhstan.

• **TVH Americas** has promoted **Jeremy McEver** to international sales manager.



Jeremy McEver

• Germany's **Schares** has ordered 44 new aerial lifts and telehandlers.

• Germany's **Merkel Autokrane** has taken a 150t **Grove** GMK 5150L All Terrain crane.

• **Terex** has launched the six axle 300t single engine **Demag** AC 300-6.

• **Magna Tyres** has appointed **Mukhtar Barrie** as sales manager for the Francophone West Africa.

• **Sunbelt Rentals** has acquired **Van's Equipment** of Denver, Colorado.

• Crane veteran and ex-**Hewden** depot manger **Syd Cooper** has died.



Syd Cooper

• UK rental company **Elavation** has taken one of the first **Hinowa** Lightlift 15.70 Lithium.

• **Brand Energy & Infrastructure** and scaffolding, access services group **Safway** have merged.

• Polish manufacturer **BVT** has appointed **Amados Markkinointi** as distributor for Finland.

• UK-based **Eastern Crane Hire** has taken its first **Liebherr** crane.

• **CraneWorks** has taken one of the first 220t **Demag** AC 220-5 in the USA.

• UK rental company **City Lifting** has taken a new 20t **Kato** CR-200Ri City crane.

• **Mark Sichi** of **Xtreme Manufacturing** died suddenly he was 61.



Mark Sichi

• Danish rental company **BMS** has taken a second **BG Lift** CWE 525 spider crane.

• Japanese trading company **FutureBud International** has ordered 40 **Hiab** loader cranes.

• Crane veteran **Bill Murray** has died following a long illness, a memorial event will be held in Uxbridge on September 2nd.



Bill Murray

• **Tadano** America will continue with **Coast Crane** as distributor under **Maxim Crane** ownership.

• UK-based **Rapid Platforms** is investing £1 million in new equipment and recruiting.

• **Adrian Bolton**, global product manager at **Alimak Hek** died in a road accident.



Adrian Bolton

• **Haydn Steele**, the safety, training and technical manager of the **CPA** in the UK has retired.

• **Kalmar** has launched new, lower cost heavy-duty forklifts - the **Essential Range**.

• Switzerland's **Emil Egger** has taken a 1,000t **Liebherr** LR 11000 crawler crane.

• **Kranlyft** has clarified **Kato** cranes spare parts policy in the UK.

• **Stephan Kulawik** has joined **Kiloutou Germany** as CEO, following two years with **BMS**.



Stephan Kulawik

• **Straightpoint** has appointed **Euro-Lift** as distributor in Russia.

• **Michelin Solutions** has appointed **Albrecht von Leonhardi** commercial director Germany, Austria, Switzerland.

• The UK's **Access Link** approved two new members.

• **Orascom Trading** has supplied two **Genie** ZX-135/70 for the world's most efficient power plant.

• Italian manufacturer **Cela** has confirmed **Mewps Scotland** as its UK distributor.

• The crane fleet of Italy's **Gruppo Effe** has been auctioned following its failure.

• UK based **P.E.T. Hire** has taken 11 **Snorkel** scissor lifts.



Martin Lehnern

• **Wacker Neuson** has appointed **Martin Lehnern** as CEO after the departure of **Cem Peksaglam**.

• **Cramo Denmark** is acquiring cabin company **Just Pavillon** and selling the rest of its business to **Loxam**.

• UK-based **Blade Access** taken a 21m **CTE** Zed 21.2JHV S3 truck mount.

• **Crane Sales & Service** has been appointed **PM** crane dealer for Nebraska, the Dakotas and Iowa.

• Italian manufacturer **Isoli** has agreed a mounting partnership with India's **Vanjax Sales**.

• India's **NCC** has taken the first **Liebherr** LTR 1220 crawler crane in India.

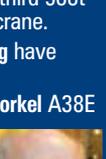
• **Jassim Transport & Stevedoring** of Kuwait has ordered five **Demag** All Terrain cranes.

• UK-based **King Lifting** has taken its third 500t **Liebherr** LTM 1500-8.1 All Terrain crane.

• **Versalift** and **Mercedes-Benz Unimog** have developed a new 15m platform.

• Germany's **Gerken** has taken 30 **Snorkel** A38E articulated boom lifts.

• **William (Willy) O'Brien** senior has died following a short illness. He was 89.



William O'Brien

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



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DEMAG
BY TEREX

Two axle cranes

C&A

small All Terrains

What is happening in the two axle All Terrain crane market? In spite of them having probably one of the poorest returns on investment of any crane - thanks to very low rental rates and a relatively high purchase price - reasonable numbers are still being sold. In fact there appears to have been a substantial pick up in the market in places like the UK and other parts of Western Europe.

Most larger crane rental companies say they are obliged to keep a number of these machines in their fleets in order to provide clients with a full service package. However there are alternatives such as aluminium truck cranes from companies like Böcker. We take a look at the market and compare the two axle All Terrains currently on the market and try and find out why they are still popular.

Why buys a two axle AT?

Even if you have decided that the small two axle crane is exactly what you want there are very few to choose from. Of the major crane manufacturers only Liebherr and Terex offer cranes with Euro 4 compliant engines - although Tadano does have a Euro 3 crane. If we look back over the past 12 years of the C&A UK rental rate survey we can see that while rates have fluctuated over the period. They have slowly improved from an average of about £330 a day for a 25-45 tonne AT to £457 for a 30-45 tonne crane in the

last survey carried out at the end of 2016.

While this is a 28 percent increase both the cost to buy the crane and its running costs - including labour - have increased significantly faster. One the factors that might have kept this sector alive is that jobs tend to be short duration routine lifts, allowing companies that run an effective hire desk to carry out two or three jobs a day, transforming the actual return.

Historically, sales of the two axle crane declined because larger three axle machines did not cost a great deal more, had very similar operating costs and were more versatile. While they might not be as compact or quite as manoeuvrable they are certainly able to cover the vast majority of the work. And for those jobs requiring something smaller or lighter many companies could resort to an old 10 to 20 tonne mobile crane such as an Iron Fairy or a 25 tonne truck crane. Given that these have not been available for some significant time an opening

occurred for products that might replace them.

Irish crane dealer Rivertek had been trying to fill this gap with one-off imports of Japanese City-type/high speed Rough Terrain cranes over the years and spotted the opportunity to do more. It persuaded Kato to create a European legal version of three small City-type cranes - a 13, 20 and 35 tonner - which are now selling very well, particularly in the UK.

The other crane that appears to have been bought as a replacement for small All Terrain and older truck cranes - particularly in Germany and the UK - is the Böcker aluminium crane. Over the past two years or so distributor UK distributor Kranlyft has sold more than 70 units after several years of negligible sales.

What to buy?

Given the recent state of the two axle All Terrain market it is perhaps not surprising that only two of the four major AT crane manufacturers continue to offer products. Liebherr has two cranes - a 30 and 40 tonner, while Terex has its 40 tonne AC40 in standard and long-boom configuration. Terex is also set to re-introduce a new range of Demag City cranes sometime in the near future, but until then Kato has the

market almost to itself. Tadano currently has no plans to equip its 40 tonne ATF 40G-2 which is sells in the Middle East and Oceania with a European legal drive train, nor is it rushing to Europeanise its 13 tonne GR-120EX City crane.

Perhaps the biggest surprise is that Grove no longer offers a two axle All Terrain crane in its range. Its smallest All Terrain is the 50 tonne three axle GMK3050-1 with a 38 metre main boom. The company still has the last few 35 tonne GMK2035E with Tier 3 engines to sell however according to Andreas Cremer - global product director All Terrains - the company decided that the changes in engine emissions coupled with the declining two axle market in recent years did not justify keeping the GMK2035E in the range.

"With the change in the different emission stages we had to set priorities as this has been and still is very time consuming. At the moment, we can still deliver some of the last GMK2035E in Tier 3 version but there will be no more units built. This doesn't mean we are never going to produce two axle ATs but for the moment we don't offer a two axle model. The rental rate for this type of crane is very



Liebherr LTM 1030-2.1



Tadano only has the Euro 3 ATF 40G-2



Grove no longer produces a two axle crane but still has a few GMK2035E's to sell

low and it is hard to get a good return with them. On the other hand, the smaller AT is needed for rental companies to offer customers a complete range for all applications. I cannot say when we might introduce a new two axle AT but the most important markets to us would be Central Europe, the UK and Algeria."

The City crane alternative

While the Japanese developed and refined the City crane through the late 1970s and 80s, PPM was almost certainly the first with its 14 tonne 14:07 ATT high speed Rough Terrain, which it launched in 1974. From then on it was Kobelco, Tadano, Kato and Komatsu, with the first major European manufacturer entering the market was Demag which launched its 25 tonne AC75 in 1996 making the concept even more popular. For many years Terex-Demag was the only major crane manufacturer with a range of City cranes - made up of the

AC30, AC40, AC55 and AC75 - although Liebherr did introduce its hydrostatic drive three axle LTC1055-3.1 and in 2009 Grove launched the Kobelco-built 45 tonne, three axle GCK3045 City crane with six section 34 metre boom and heavy duty bi-fold swingaway extension. Most of the major manufacturers thought that there was a limited market for 'City' cranes - a very similar attitude to the one they are taking towards the two axle market today.

Over the years it has been engine and road regulations and the challenges of meeting them that made things difficult for the Japanese manufacturers, effectively killing off exports of truck and City cranes to Europe. Then Terex began to phase out its City models which left a void and pent up demand for the smaller City cranes. Some companies looked to source machines through 'grey imports' with others refurbishing older machines. That has all changed with Kato's re-entry. For buyers, the situation



Terex-Demag had a four model City crane line-up - this is the AC40.



The 35 tonne CR-350Ri can often carry out work undertaken by a normal 40 tonne All Terrain

should get even better with Terex due to launch new Demag City class cranes, most likely starting with a 45 tonne AC45.

Does it all add up?

Those producing alternatives to small All Terrains are not - as you might expect - touting the lower cost to buy and run their cranes, but instead tend to promote the fact that they can earn more. For example, Rivertek managing director Colin Cleary said: "Rental companies are surprised that the Kato CR-130 can earn between £480 and £500 a day, compared to £400 to £420 for a 40 tonne AT. Especially as the Kato is also about 40 percent cheaper to buy."

He maintains that Kato's largest City crane - the 35 tonne CR-350 - can often carry out work undertaken by a normal 40 tonne All Terrain but its compact size is also very useful when working in tight situations or inside a building. The one downside

of a City crane is its road speed - the CR-350 has a maximum of just under 50kph compared with 80 to 85kph for the typical two axle All Terrain.

The relative demise of the City crane over the past decade has meant that companies struggled to find a road going 'pick & carry' crane. In Australia rental companies have had the option of the articulated



Tadano ATF 40G-2

Two axle mobile cranes vs two alternatives

Make Model	Liebherr LTM1030-2.1	Liebherr LTM1040-2.1	Terex AC 40/2	Terex AC 40/2L	Tadano ATF40G-2	Kato CR350Ri	Böcker AK 42/4000	Allen T664
Capacity	35t @3m	40t@2.5m	40t@ 2.6m	40t@2.6m	40t@2.5m	35t @ 2.6m	4t@8.2m	6.1t@3.05m
Boom	30m	35m	30.4m	37.4m	35.2m	32.5m	32.0m	19.8m
Axles	2	2	2	2	2	2	2	2
Max lift ht	44m	44m	47m	47m	45m	47.3m	40.5m	20.7m
Max radius	40m	39m	28m	36m	38m	34.5m	37m	13.71m
Max jib/ext	15m double	9.5m single	15m double	15m double	9m single	14m 3 section	8.9m double	3.05m single
Length	10,310mm	10,930mm	10,575mm	10,684mm	11,031	9,765	10,550	6,170
Width	2,550	2,550	2,550	2,550	2,550	2,620	2,550	2,410
Height	3,550mm	3,550mm	3,350mm	3,350mm	3,551	3,595	3,990	3,460
Outrigger Spread	6,028mm	6,028mm	5,950	5,950	6,000mm	6,800mm	5,550mm	N/A
Drive/steer	4x4x4	4x4x4	4x4x4	4x4x4	4x4	4x4	4x2	6x4x2
Max speed	80kph	80kph	80kph	80kph	85kph	49kph	N/A	53kph
Power	210kW	210kW	205kW	205kW	205kW	200kW	N/A	103hp
Emission	Euro 4	Euro 4	Euro 4	Euro 4	Euro 3	Euro 4/3B	N/A	N/A
Grade	60%	60%	58%	58%	74%	56%	N/A	N/A
Cap@ 10m	8t	9.1t	8.1t	8.55t	8.8t	8.1t	3.0t	1.5t@ 9m
Cap@ 20m	2.5t	3.0t	2.4t	2.8t	2.8t	2.2t	1.0t	0.82@13.7m
Cap@ 30m	1.1t	1.2t	1.05t@28m	1.25t	1.2t	0.55t	0.5t	N/A
Cap@ 40m	0.4t	0.4t@39m	0.7t@36m	0.7t@36m	0.6t@38m	0.35t@34.4m	0.25t@37m	N/A

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crane, led by Terex-Franca, although unlike a Kato City crane they are surprisingly physically large machines.

For those looking for good lifting performance in a compact and manoeuvrable package and good road speed the regular two axle, two cab All Terrain ticks all the boxes - its only downfall is its price and it seems the rental rate it can achieve.

Two axle ATs v the alternatives

Comparing the current two axle ATs it is not surprising to see they are

very close in size and performance. The Terex AC/40L boasts the longest boom by 2.4 metres at 37.4 metres. Two section extensions on three of the cranes add a further 15 metres giving maximum lift heights between 44 and 47 metres. The physical sizes of all the regular All Terrains are very similar with the 35 tonne Liebherr being the most compact - 600mm shorter than its 40 tonne brother which is the longest at 10.93 metres. Outrigger spreads are also very similar, with the Terex AC40/L slightly narrower. All have four wheel drive and steer, a road speed of 80kph, a Euro 4 engine with a power output of just over 200kW and gradeability of



Terex AC 40/2L

around 60 percent. Lift performance throughout the charts is also very similar although the 35 tonne Liebherr is the only one capable of a 40 metre lift radius.

Comparing them to the Kato City type crane, it also shows very similar performance. However the Kato is more compact - about 300mm shorter than the shortest

AT - but with a wider outrigger spread. However the main difference is the slower road travel speed of 49kph on the Kato and it also does not offer crab steering.

The Böcker is quite a different beast, with a maximum capacity of just

four tonnes, but at an 8.2 metre radius, it also boasts a 37 metre main boom and can handle a tonne at 20 metres or 500kg at 30 metres. This makes it a practical alternative for a lot of jobs such as placing roof trusses, or lifting substantial domestic loads into upper stories or installing solar panels for example. The 40 percent lower purchase price, excellent road performance and lower running costs are also major incentives for companies to try something different. Certainly the numbers of Böcker truck mounted aluminium cranes being sold in recent years, shows that rental companies are thinking outside the box and that these cranes are finding plenty of work in rental company fleets.

With a significantly lower purchase price the Böcker cranes are a practical alternative on many jobs



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A Böcker AK35/3000
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High tech 1965 style

Those of you who visited Vertical Days at Silverstone this year will probably have seen the immaculate 1965 Allen Oxford three axle T 664 truck mounted crane which has been painstakingly restored by Crowland Cranes.

When originally produced the crane had several innovative and unusual features so we thought it might be interesting to include it in the comparison table just to see how it

stacks up against the current crop of two axle cranes 50 years on. It should be noted that this unit would have been one of the last built, as the 22 tonne Allen Grove telescopic were already in production at the Oxford plant and soon stifled any appetite for such small lattice boom cranes.

The T 664 was mounted on a three axle chassis, with either single or dual rear axle drive (the T 642 or T664). Maximum capacity was

C&A small All Terrains



six tonnes, with a lattice boom of up to 19.6 metres and a three metre jib. The crane had a single Leyland six cylinder engine with all crane functions 'air-controlled through short throw levers requiring only finger-tip pressure and giving perfect feel of the load' and 'totally eliminating operator fatigue'. The basic nine metre main boom folded for road travel with the other boom sections carried on board.

These compact, self-operating ALLEN Truck-mounted Cranes have a maximum lift of six tons, and can be supplied with boom up to 19.6m, plus 3.0m jib.
They are air-controlled throughout for smooth, precise operation, all crane motions being controlled by short-throw levers requiring only finger-tip pressure and thereby eliminating operator fatigue.
One engine only is used - a Leyland type 30-cylinder power unit chassis and gearbox.
The basic 9m boom folds for travelling, and provision has also been made for carrying other boom sections up to the maximum length in the chassis.
The operator's seat is standard equipment, and we housed a main storage compartment in the chassis, which can be used for tools, spare parts, and other equipment.
The steel mesh lattice can be fitted with safety glass windows and glass panels in the roof, affording the operator an extra shield with heat and cold, practical "holocaust heat" - an essential essential for safe, secure working.

Models
T 642
&
T 644

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Crowland Cranes had many compliments on its refurbished six ton capacity 1965 Allen Model T664 also available as the T 642 two axle crane



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It's that time of year!



C&A industrial access

As most of us enter the summer vacation period, many companies are preparing to carry out their annual maintenance, cleaning, repairs and plant layout changes to their production facilities. While many of these tasks are now carried out throughout the year - over weekends and through the night, even while operational - a plant shut-down for a week or two is still the ideal opportunity to carry out more major tasks in a less frenetic and safer environment.

While the traditional factory shutdown/vacation is slowly becoming obsolete the more significant changes involving greater disruption are more common at this time of year. However facilities are only empty and the machinery quiet for a specific period of time so careful planning is needed and using the most efficient equipment is more critical than ever.

Regular readers of Cranes & Access will be well aware of the major developments and progress made by aerial lift manufacturers in recent years, as they constantly improve performance, add new features and introduce new models and attachments aimed at streamlining

tasks and making working practices safer.

Don't be a Death Wish

However, as we can see from the continuing number of accidents/incidents and Death Wish reports on Vertikal.net there are still far too many companies and individuals using inappropriate methods as well as incorrect or dangerous equipment when working at height. True, there is probably an additional financial cost when carrying out the job using powered access equipment but the benefits can result in completing the work quicker and safer with far less risk both to the workers and surrounding people and property. And as to the cost, if the extra is not made up for by the additional efficiency it is certainly hundreds of times less expensive than the costs of an injury or other incident, not to mention fines following unannounced inspections of 'whistle blowing' reports to the safety authorities.

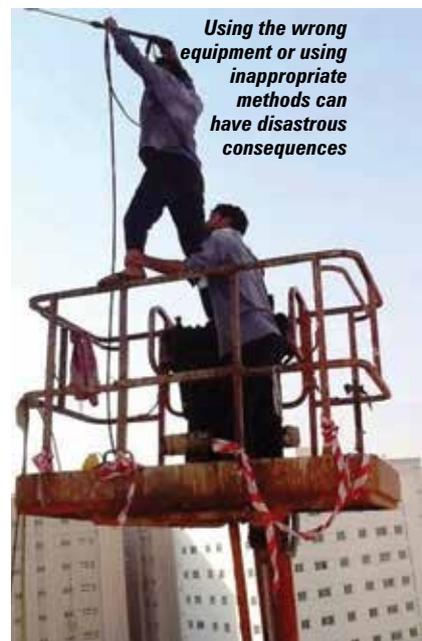
More rigorously enforced Health & Safety legislation together with high profile legal prosecutions mean that most major construction, cleaning and maintenance companies have yet another reason to plan work at height correctly and are turning to modern access equipment - whether it is powered or some type of scaffolding or staging products.

Unfortunately those that only need to work at height occasionally - smaller builders, one man bands and small industrial and commercial facilities - perhaps know no better and often try and make do, often with disastrous consequences. Perhaps more working at height incidents occur in the home? The A&E departments of hospitals are testament to the fact that in the domestic situation the human brain somehow disconnects from reality when working at height - using chairs, wobbly ladders, roofs etc - climbing onto almost anything that may create a purpose-built death-trap.

How do you choose the right machine?

But if you are not a specialist and familiar with the access equipment available, how do you select the right item of equipment needed for a specific job and how do you obtain it? Local rental companies are a great place to start and most are happy to recommend a specific item of equipment once they know what the task is. Knowing the main types of equipment that is available in the market - by reading magazines such as C&A or Vertikal.net - can also help with the pre-planning of the work by coming up with possible equipment options and where to source it.

Of course there is plenty of equipment that we cover and review in the magazine that is not available at your local rental centre - mainly because of its lack of local demand, cost or because it is brand new - but the more such equipment is requested, the sooner it will be available to hire locally - rental companies do not like turning custom away!



Using the wrong equipment or using inappropriate methods can have disastrous consequences

Selecting the right equipment for the job is critical to the success of the project. Most local rental depots have a range of equipment that will cover the majority of applications, but don't overlook the fact that the more unusual equipment may take more time to source.

It might seem cheaper... but could prove costly

Another thing to bear in mind is that a rental company will often make a recommendation based on the equipment it has in the yard, rather than the best piece of kit for the job, and while it may do the job it may not be the perfect solution. However get it wrong and you may be a star of the 'Death Wish' series on Vertikal.net or even worse, injured or prosecuted as a result of an incident. Most shut-down work is a one-off so it is probably not worth buying the equipment, given it may only be used once or twice a year. But if the work is regular then it may



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Faraone's 65ES Move has a cantilever basket extension of 1,130mm giving an outreach of 1.65 metres

be worthwhile to acquire it, and various methods such as contract hire and long-term rental can be attractive cost-effective ways to do so.

There is of course the financial aspect to consider - the cost of a step ladder is quite a different proposition to a large boom lift - but having planned the work and carried out a risk assessment, if the ladder is best for the job then use the ladder. Ladders are incredibly useful for low level work - say up to

four metres which is fairly typical of many small industrial units, offices, showrooms and retail outlets. There is also a huge choice of low level industrial access equipment from large step ladders to push around lifts and self-propelled scissors, and if up and over outreach is also required mast booms and small articulated booms.

In last year's industrial access review we looked at the various types of ladders and well established low level products.



Snorkel TM12E

This year we will concentrate on new products that have entered the market since that time.

Aluminium specialist

One company that has moved from producing ladders and scaffold towers into self-propelled platforms is Faraone. Founded in 1969 the Italian company began by producing aluminium window frames before adding ladder production a decade later. In 1989 it started two new production lines - aluminium ladders and mobile scaffold towers. Today the Faraone group has four divisions - aluminium ladders, mobile scaffold towers, aerial work platforms and window frames with headquarters in Tortoreto but with production plants in Poland, Denmark and Spain.

And now for something completely different

Over the past few years the company has consistently introduced innovative, lightweight, self-propelled platforms and this year added the 15ft Faraone Elevah 65ES Move. With aluminium mast and basket, the Italian-built 6.5 metre working height Elevah 65ES Move is the smaller of two models - the other being the 19ft Elevah 80ES Move with 7.75 metres working height. Both lifts have overall dimensions of 1.51 metres long and 780mm wide with closed heights of 1.77 and 1.99 metres respectively. Unlike the standard 65 Move, the ES versions incorporate a suspended cantilever basket extension providing 1,130mm additional outreach allowing users to reach 1.65 metres beyond the machine's chassis. Platform capacity is 200kg and the machine has an overall weight of just over a tonne at 1,090kg for the 65ES and 1,110kg for the larger 80ES.

The machines have a stowed travel speed of 2.5kph, with power provided by a 12 volt battery capable of 100 work cycles - each comprising of 20 metres of travel followed by ascent to full height with the maximum capacity and decent - and can work on slopes of up to 1.5 degrees with 15 percent gradeability. A small storage platform over the top of the mast has a 20kg capacity and safety features include, electronic slope monitoring, electronic braking system, overload monitoring and emergency hydraulic lowering. Unveiled just before Vertikal Days



The Snorkel TM16E is a larger 6.7 metre version of the new TM12E

in late May, the company already has shipped the first three machines to customers in Germany and Scandinavia.

New mast lifts

Unlike the new Faraone ES, mast-type self-propelled lifts traditionally had no extension, but most now have short roll-out decks, or in the case of the Skyjack SJ12 and SJ16 a short traversing deck. Snorkel launched its new 12ft TM12E, a direct electric drive version of the original hydraulic drive TM12 at Conexpo in March. The 5.6 metre working height lift features the same 450mm extension as the regular machine, while direct electric drive system offers significantly improved duty cycles and a true zero inside turning radius. The new machine also features a triple stage hydraulic cylinder lift system in place of the old single stage cylinder with extension chains. Platform capacity remains at 227kg with roll-out deck extension as standard, new upper control box with an integrated power to platform outlet common with Snorkel's electric slab scissor lift family.

Other standard features include saloon-type entry gates, descent and tilt alarms, emergency lowering chassis controls, crane lifting points, integrated 110 volt 20 amp battery charger and on-board diagnostics display as well as two years parts and labour warranty. Overall weight is 884kg.

Snorkel is also planning to launch a new larger version - the 16ft TM16E - with very similar specifications and features which should be available in the autumn. Only basic



For those looking for just a bit more height from a mast type lift, Haulotte has recently unveiled a new 20ft Star 20

details have so far been released and it is expected to weigh just under 1,000kg allowing the 6.7 metre working height lift to be transported in a one tonne elevator. The TM16E will go head to head with the Skyjack SJ16 which has been on the market for almost seven years and carved out a reasonable niche for the larger mast type lift. This has been helped by the fact that 19ft scissors have gained weight over the years meaning they are now too heavy for many small elevators. When the original 19ft scissors such as the UpRight MX19 were launched they weighed less than one tonne.

A 20ft mast lift

For those looking for just a bit more height from a mast type lift, Haulotte has recently unveiled a new 20ft mast lift, the Star 20. Initially aimed



Haulotte Star 20 stowed.

at the North American market, the new machine has direct AC electric drive, roll-out deck extension and multi-stage hydraulic lift cylinder avoiding the need to inspect and replace chain extension systems.



The LiftPod can be disassembled and loaded into the back of a truck or van



The all-new EcoLift 70 has a working height of 4.2 metres



The four metre working height Ixolift 400 has a capacity of 150kg

Certified for both indoor and outdoor work, the new machine is based on the 13ft Star 6 AC, but has a larger heavier five section mast and additional counterweight. Weighing in at 1,170kg, it features both lateral and longitudinal fork pockets and active pothole protection. Unfortunately there are no plans yet to launch this new product in Europe.

EcoLifts

JLG has substantially expanded its range of low-level aerial lifts following the acquisition of Power Towers in June 2015 adding the manually powered EcoLift platforms to its LiftPod personal portable lift line up. The company says that more customers are looking for safer, more efficient, simple, portable, cost-effective alternatives to ladders and scaffolding. The JLG EcoLift push around platforms use an ingenious, easy to use lift/lower system first seen on the Power Towers pecolift, unveiled in 2012. To raise the platform the user simply turns a handle which assists the pneumatic springs inside the mast to lift you to the maximum working height of 3.5 metres for the EcoLift 50 - the JLG version of the original Pecolift - and 4.2 metres for the all-new EcoLift



The LiftPod FT140 full erected.

70, (simply the ecolift in Power Towers branding) which has slightly larger overall dimensions. The two models have no motors, batteries or hydraulic oil to worry about and are therefore virtually maintenance-free, always ready to use and certainly very quiet. Both models have a 150kg maximum platform capacity, more than enough for one person, some materials and tools.

The new JLG LiftPod FT70 and LiftPod FT140 portable lifts also feature a platform capacity of 150kg and working heights of 4.2 and 6.1 metres respectively. Consisting of four or five key components, the lifts can be easily disassembled and then reassembled for loading into the back of a car or van, when moving any distance between sites. A 40 volt lithium-ion battery system powers the lifts.

The components or modules, comprise a base frame and counterweight, one or two mast sections and platform. On the smaller FT70 the single mast section is the heaviest module weighing 32kg, while the FT140 the 33.6kg base frame is heaviest. Total weight is 94.5kg for the FT70 and 148kg for the FT140.

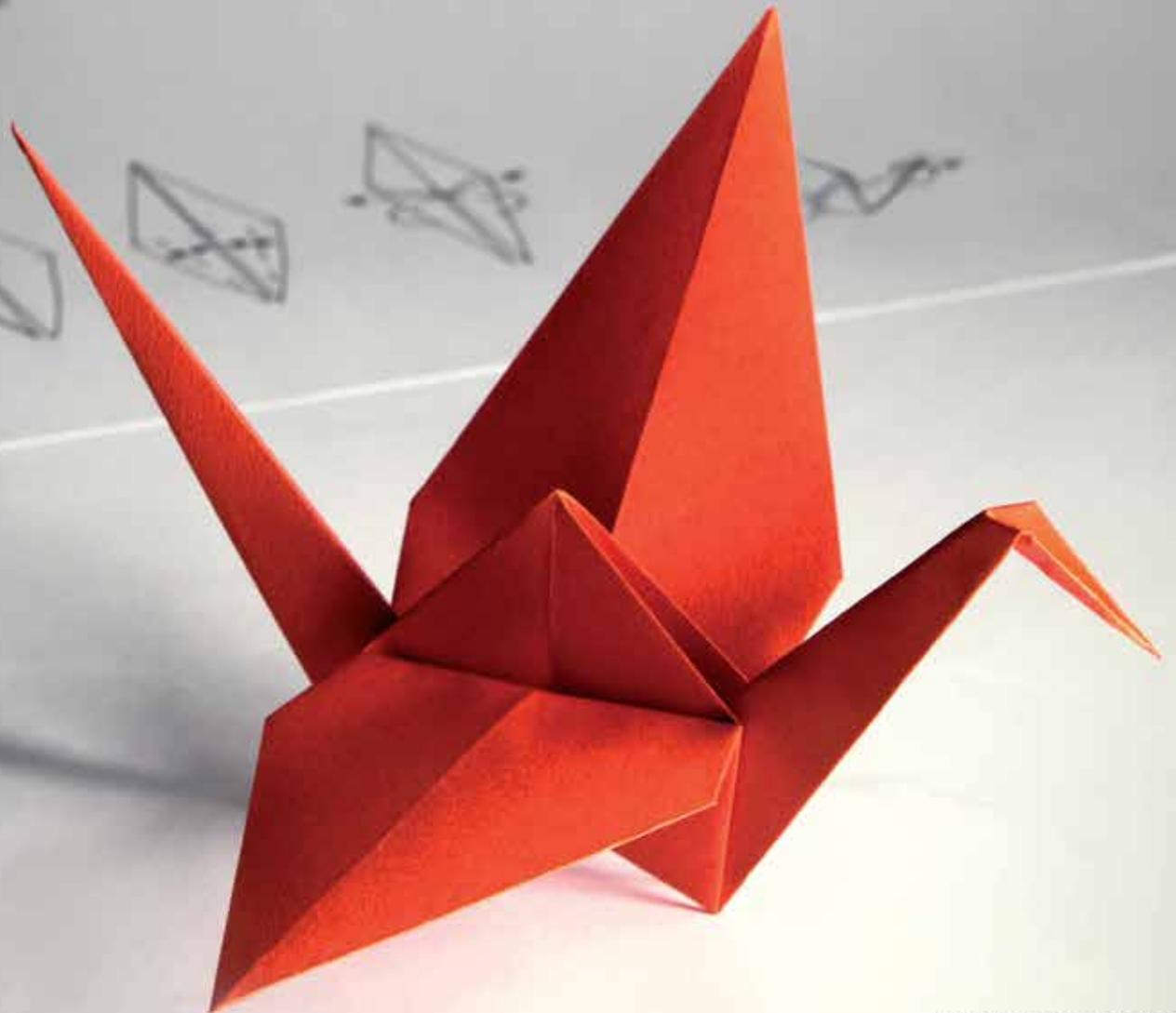
Ixolift

Another different take on a push-around work platform comes from Finnish company Ixolift. The Ixolift 400 has a working height of up to four metres and like the Peco/Eco lift uses a gas-spring to raise the platform. Maximum capacity is 150kg and the unit has a minimum platform height of just under a metre. The lift is

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available in three versions which includes indoor and outdoor rated models with stabilisers. All have anti-surfing brakes and are compact enough to fit through a standard single doorway. Total weight ranges from 140 to 239kg.

A mast boom with big outreach

The popularity of the mast boom continues to grow, with customers liking the 360 degree outreach combined with compact dimensions and ease of use. German manufacturer Hematec produces a specialist heavy-duty version of the mast boom - the Helix 1508 - which although not new has not been seen by many outside of Germany. The company exhibited for the first time at this years' Vertical Days and is looking to expand its overseas distribution. The Helix 1508 has a maximum working height of 15 metres and up to eight metres of outreach at an up and over height of seven metres thanks to its four section telescopic jib, rather than the usual short fixed length jib, allowing it to reach well over obstructions, and even carry out work over the widest of conveyor belts or production lines. Platform capacity is 200kg. Overall width is just 1.2 metres - the same as most 26 and 32ft compact slab scissor lifts - while its overall chassis length is less than such scissor lifts at 1.96 metres. One downside - there is after all no magic when it comes to machinery - the total weight is 6,500kg. Direct electric high efficiency drive however provides a decent work shift duration between battery charges and plenty of gradeability.

Continuing the mast boom theme, French manufacturer ATN unveiled

German manufacturer Hematec produces a specialist heavy-duty version of the mast boom - the Helix 1508



its new Piaf 10E mast boom - a smaller version of its 12E - which should be available by the end of this year. The 9.92 metre working height 10E has zero tail swing, hydraulic open type mast with jib, providing 3.51 metres of outreach with 200kg platform capacity. Direct electric drive motors give a good drive speed of 5.4kph when stowed and overall weight is 2,850kg with gradeability 25 percent and it can work on slopes of up to two degrees.

Larger aerial lifts

But what equipment is available when you need to go higher or have more outreach when working indoors or in noise sensitive areas? There are now many larger battery electric and hybrid scissors and booms available as battery technology improves and production costs fall. Although larger electric hybrid booms are gradually becoming more common, there are still only a handful that offer

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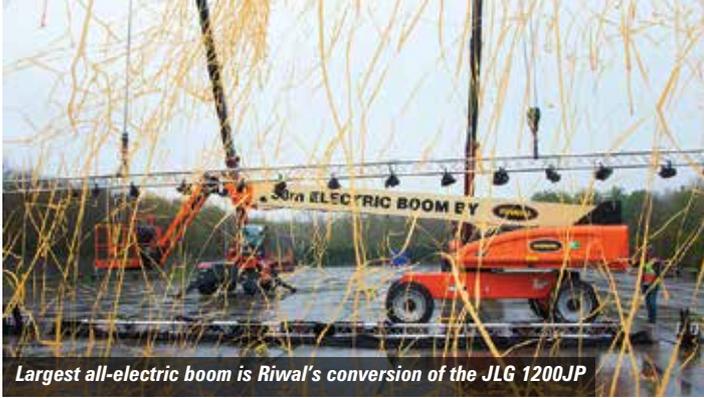
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Latest mast boom from ATN is the 9.92 metre Piaf 10E



Largest all-electric boom is Riwal's conversion of the JLG 1200JP

over 22 metres of working height. This lack of product prompted Netherlands-based sales and rental company Riwal into producing the first all-electric 80/86ft JLG articulated booms - the 800AJ and the 860AJ. The conversion involved replacing the diesel engine with an electric motor and to date about 35 platforms have been sold.

The next and most recent platform to undergo the Riwal electric conversion was the 120ft JLG 1200SJP telescopic boom, replacing the diesel engine and fuel tank with an electric motor, battery pack and charger. Performance remains the same as the diesel unit, but with zero emissions and low noise levels. The first unit will be added to the Riwal rental fleet in August, with subsequent units available for sale to other rental companies and

end-users.

The first to take them up is Norwegian general equipment and tool rental company Naboen. The company - which has a fleet of 1,200 aerial work platforms - says it is experiencing increased demand for 38 metre working height boom lifts with lower noise levels and zero emissions.

80ft true hybrid from JLG

JLG on the other hand says it has no current plans to develop an all-electric boom of this size, preferring to focus on hybrid solutions. Its latest addition is the 80ft true hybrid H800AJ articulated boom lift unveiled in March. Based on the standard 800AJ, the power pack is entirely different with a small Kubota Tier 4 Final diesel or electric motor driving the main hydraulic pumps, with the motor kicking in to

support the diesel on steep slopes or on really tough ground conditions such as deep mud or sand. The counterweight partly consists of a substantial sealed and maintenance-free AGM battery pack sufficient to operate the machine for a full shift. When not helping out the Kubota in diesel mode, the electric motor acts as a generator to top-up the battery pack. In electric mode it does all of the work of course. Beyond the power unit and counterweight the

machine is identical to the standard diesel machines with a platform capacity of 230kg, 16.8 metres of outreach, 26.3 metres working height and an overall weight of 15.6 tonnes. The new lift will be available worldwide towards the end of this year.

Electric or Hybrid?

Genie launched its all-new electric Z-60/37 DC articulated boom early last year based on the current



JLG is focussing on hybrid solutions with the 80ft true hybrid H800AJ articulated boom lift

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The Genie Z60-37FE 'Fuel Electric' model

Z-62/40 diesel powered boom lift and shares a lot of its components and parts. The two stage dual riser is the same structure as the Z-62/40 with shorter elements, while the two section telescopic boom and articulated jib remain exactly the same. The result is slightly less outreach at 11.3 metres, while up and over reach is 7.4 metres.

The unit has four wheel direct electric drive and oscillating axle to offer truly excellent performance on slopes or rough ground on tough job sites and is 2.2 tonnes lighter than the Z-62/40. Battery power is said to be strong enough to last a full shift. The machine is also available with a hybrid power pack - the Z-60/37FE 'Fuel Electric' model. It uses a Tier 4 Final diesel powered generator to top up/recharge the battery pack or boost machine performance on steep or rough ground. The unit offers two modes of operation: 'Full-electric' making it the same as the straight electric machine which can handle a full shift on a single charge, or 'Hybrid' mode which combines the two and provides more than a week of run time on a single tank of diesel. The unit can handle 45 percent grades, has a ground clearance of 330mm

and a full-time active oscillating axle. Its drive speed is said to be 25 percent faster than most similar sized diesel-powered boom lifts and the AC wheel motors are sealed to the point that they are able to work continuously when submerged in up to 900mm of water.

The first true hybrid telescopic boom lift

UK manufacturer Niftylift has been at the forefront of the development of the true hybrid boom lifts with thousands of its hybrid booms working around the world. Its latest model is also its first straight telescopic boom lift, the 65ft HR22 S 4x4 Hybrid.

The all-new lift features a three section telescopic boom and a jib with 150 degrees of articulation. It will weigh about 10 tonnes when fully equipped and offers 18.8 metres of working outreach with a 280kg unrestricted platform capacity. Features include Niftylift's proven hybrid power pack, four wheel drive with oscillating axle and 40 percent gradeability. Dimensions are also compact with an overall stowed length of 8.97 metres and minimal tail swing. Overall width is 2.49 metres and height 2.7 metres.



Niftylift has launched an all-electric version of the 62ft HR21 Hybrid

Siops - Niftylift's built-in secondary guarding system - and non-marking rough terrain tyres are standard. Controls are digital with on-board diagnostics and the machine is telematics ready. The machine has been developed following strong demand for this type of machine from its German customers.

A 62ft battery boom

Niftylift has also launched an all electric version of its updated 62ft HR21, the HR21E. In the past the company has only offered a choice of diesel or a full hybrid on the HR21. The new machine is also different in that it features direct electric drive, rather than the company's usual hydraulic motor drive. It offers 13 metres of outreach, 250kg platform capacity, 150 degree articulating jib, 30 percent gradeability and an overall weight of 6,640kg.

And finally big scissor lifts

The number of manufacturers in the heavy-duty scissor sector is limited although those that do produce machines also have electric and hybrid versions if needed for industrial maintenance work or when working in sensitive areas.

German aerial lift manufacturer PB Liftechnik is currently expanding its production facilities with a new production hall to cope with increased demand. The company has also launched a new model - the 10.85 metre S128-19E HT heavy duty battery electric scissor lift - with 900kg platform capacity and has delivered the first two units to German rental company Mayer Hubarbeitsbühnen of Aalen, Baden-Wuerttemberg. The new machine has an overall width of 1.93 metres, standard two wheel drive, non-marking rough terrain tyres and indoor/outdoor rating. Options include a front oscillating axle and four wheel drive.

Another manufacturer of hybrid and all-electric heavy duty narrow scissors is of course Holland Lift. Its latest machines are the 66ft HL-220 H25 and 56ft HL-190 H20 which use a diesel engine coupled to an electric motor. Either power unit can drive the hydraulic system to provide similar performance. Or they can be used together for the maximum performance on steep slopes etc.

German rental company Mayer Hubarbeitsbühnen has taken the first two PB S128-19E HT heavy duty battery electric scissor lifts





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2.Precise Matching

- The engine output is electronically controlled, conserving about 20% fuel consumption;
- The whole series are subversively designed in structure. On the premise of ensuring excellent stability, comparing with same types from other brands, the total weight has been reduced by 15%-20%, which significantly reduces costs of use and transportation;

3.Familial and modular design for the whole series, with major parts available universally;

4.Rated loading capacity of platform up to 350 kg, meeting requirements of various operating conditions;

5.Equip with Secondary Guarding Protection system , with photoelectric sensor technology of global patent protection, to ensure safety of operators;

6.Standard configuration of telescopic boom, with working range improved by over 10%;

7.Product design fully comply with requirements of the latest EN280:2013+A1:2015 and ANSI/SIA A92 standard.

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Telescopic Boom Lifts



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The right tool for the job



The range of different lifting equipment available or suited for industrial applications is continuously growing and evolving. Whether it involves lifting huge production machinery or just a small engine or pump, an ideal piece of equipment is sure to be available. It is not about the size of the equipment but finding the right tool for the job.

Clever design and improvements in technology have advanced to the point where battery electric industrial pick & carry, carry deck and spider cranes can perform as well as diesel powered models in terms of speeds, power and the ability to complete a full shift. Stricter manual handling regulations have also lead to the development of a burgeoning variety of smaller hand operated lifting machines, which are growing in popularity and spurring on further development.

We have often highlighted the PowerAttack - an innovative lifting/skid tug which looks more like a powered broom handle but can move loads up to 25 tonnes using unpowered skates/dollies and is particularly useful in confined spaces in place of a fork lift truck

or crane. The product uses the 'leverage' and 'grip or traction' principal to allow the electric powered non-marking wheels to move such substantial loads. It features a two stage telescoping handle and weighs 75kg with battery. And if you need to move larger loads, combining additional units increases the capacity - ie two can move 50 tonnes, three 75 tonnes etc.

Available in two versions - the cordless battery powered MTC 25 CC and mains powered MTC 25C - they use a 24 volt synchronous motor with one kilowatt power output providing smooth, continuous forward and reverse functions and emergency stop. The device uses an adaptor to connect to most steerable skates - such as German made GKS-Perfekt or Jung - and

works like the kingpin of a tractor steering and manoeuvring (forward-reverse) a semi-trailer.

Powered micro crane/lift

Another new hand lift is the Powered Hand Truck from Australian company Makinex which has a maximum capacity of 140kg when working with the hook and 120kg with the fork attachment. It is designed to work on hard surfaces on slopes of up to three degrees. Other attachments include a vacuum lifter, panel lifter and sling. The unit can be folded flat when not in use and carried easily in a van or truck.

The unit - which when lifting looks like a chicken wishbone - has a bottom frame with two travel wheels at one end with the handle with lift button and brake that the operator holds at the other. A long telescopic cylinder is connected centrally near the wheels to the moveable lifting arm which has a maximum lift of 1.9 metres. Power is supplied by an 18 volt battery pack.



The 600kg capacity Innolift can self-load and unload items from the back of a van or truck

Portable material loader

Another interesting hand operated lifting product aimed at the smaller delivery sector is the Portable Self Loading fork lift from American company Innolift. The very clever product can self-load and unload items up to 600kg from the back of a van or truck and then operate in the same way as a walk behind material/fork lift. Maximum lift height is one metre. Once it has helped load the van it can load itself into the back, ready to unload the cargo at the next stop.



Each PowerAttack can move loads up to 25 tonnes



The Powered Hand Truck from Australian company Makinex has a maximum capacity of 140kg



CTE's Pianoplan has a 600kg capacity and can travel up a flight of stairs



A 1,200kg capacity Hoeflon tracked carrier

Up and down the stairs

Moving loads up and down stairs is another application that has spurred manufacturers to develop numerous innovative stair climbing cart solutions including rubber tracked carriers. CTE has developed and refined its product offerings in this sector with its Pianoplan 600J range of machines. The various models range from a standard transporter, to the Horizontal model that will maintain a level cargo deck while travelling up a flight of stairs and the Vertical model which will lift and tilt a large bulky load from the end then tilt it to the horizontal for the journey/steps and then raise it back to the upright position when in its final location. Maximum capacity

is 600kg on all three and overall weight of the machines runs from 300kg for the standard model to 345kg for the vertical.

Off road tracked carriers

When transporting larger loads across uneven ground the tracked carrier - such as those seen on the JT Cranes stand at this year's Vertical Days and the 1,200kg capacity Hoeflon TC1 - are ideal. JT Cranes offers two remote control carriers with capacities of 4,000kg and 1,500kg and platform heights of 570mm and 420mm respectively, ideal for moving loads when pick and carry is not an option.

JT Cranes is the UK distributor for Jekko, a company which

over the past few years has continued a total transformation of its product range, manufacturing facilities and distribution with many of its products ideal for industrial lifting. (see Jekko on the Move story p50)

Mast boom crane

As we have already seen, lifting and moving a load in an industrial situation is more about finding the right tool for the job - irrespective of size. This year's Vertical Days

also witnessed the UK debut of another unusual product - a mast boom industrial crane - from German manufacturer Hematec Arbeitsbühnen. Hematec calls its K 12500 a self-propelled assembly crane with telescopic jib.



The K 12500 a self-propelled assembly crane with telescopic jib from Hematec Arbeitsbühnen at Vertical Days

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The ZEE Crane 4500 during assembly

Whatever its name it has a maximum tip height of 10.5 metres with a 500kg lift capacity, and a maximum radius of almost five metres with a 300kg load at a height of almost seven metres, or take 500kg to a radius of 3.6 metres. The machine can also slew or travel with its maximum capacity even when over the side. Overall width is just 980mm but the weight however is a fairly hefty 4.8 tonnes. Based on the company's well proven Helix mast boom platform with a three section telescopic luffing jib in place of the basket, the unit is battery operated with direct electric drive and remote controls. The company has so far delivered 12 units to companies such as Audi, Bosch, Borbet, Mercedes-Benz and Volkswagen all of which appreciated its ability to work in restricted space conditions.

Battery operated carry deck cranes

We reported last year on a new all battery electric carry deck crane built by South Korean manufacturer Horyong and sold in the Americas as the ZEE Crane. Two models are available - the 4.1 tonne 4500 and the 8.2 tonne 9000 with a 13.6 tonne version in the prototype phase. Powered by dual battery packs the units can be fully charged overnight for an eight hour shift the following day.

The 4500 weighs 3.6 tonnes and has a travel speed of

4.5 mph with two mph pick & carry speed. At 8.5 metres the 4500 can lift 458kg. A 2.3 metre jib with zero, 25 and 50 degree offsets is available - ideal for restricted space working - with an easy to change single to two fall hook block. Options include non-marking tyres, an in-house designed LMI with built-in diagnostics and a one man work platform.

Another battery electric powered carry deck crane spotted at Conexpo in March is the BC-18, from Wisconsin-based Bailey Cranes with a maximum capacity of 8.2 tonnes a three section boom with 14 metre tip height. Pick & carry capacity is 5.3 tonnes. The American-made crane uses direct AC drive motors for all functions and load sensing hydraulics. Options include a hybrid version and a three metre jib. Overall weight is just over nine tonnes.

JMG expands

Italian crane manufacturer JMG Cranes is a relatively recent addition to the pick & carry crane market founded in 2007 by Maurizio Manzini, and joining other Italian companies such as Ormig, Valla and Galizia. Since then the company has unveiled a number of innovations, including the first electric pick & carry crane with a Programmable Logic Controller in 2013, and the first narrow width - 2,290mm wide - 45 tonne pick and carry crane in 2014. Last year the company acquired Lige - another small local industrial crane manufacturer with 70 years experience - and this year added the new MC 580 battery operated electric pick & carry crane to its 17 model line-up, with a 58 tonne maximum capacity.

Continued on page 49



Lige - acquired by JMG but has been making pick and carry cranes since 1945 - redesigned its range last year and produces cranes with capacities from two to 110 tonnes

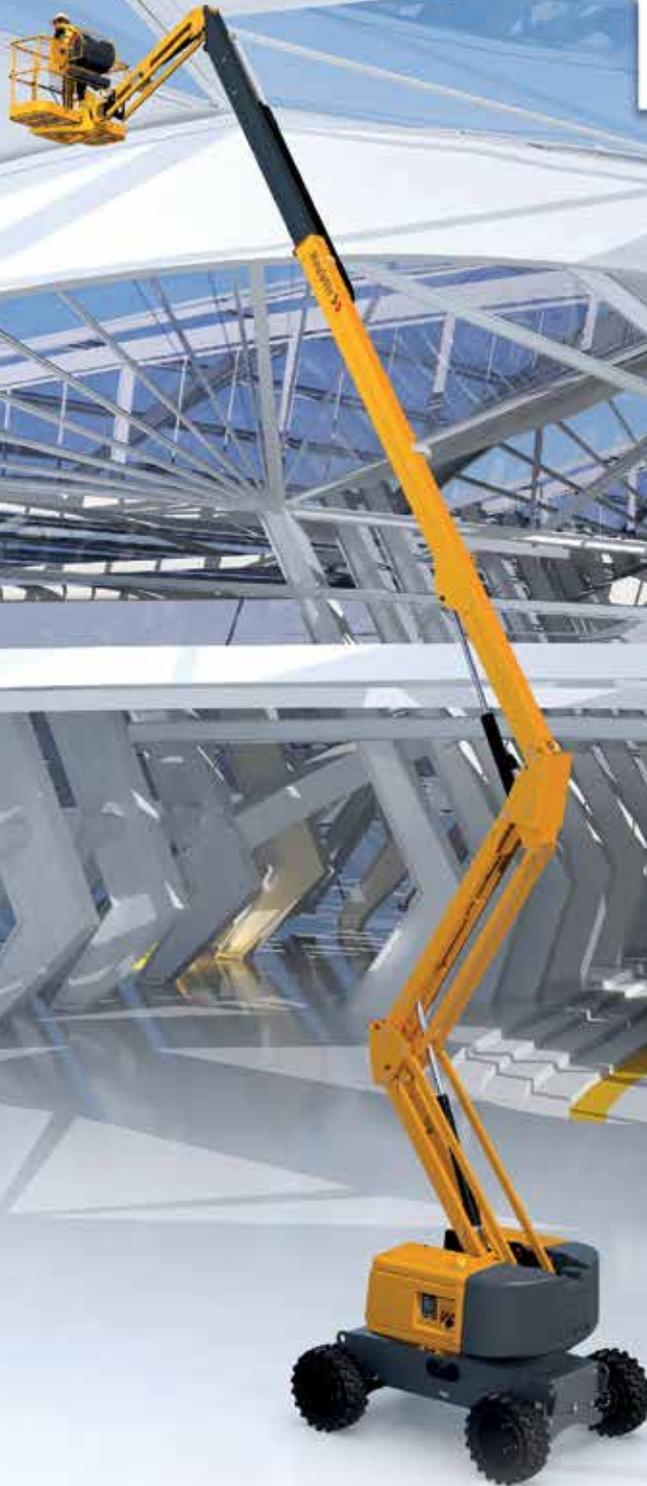


The new Bailey Cranes BC-18 battery powered carry deck crane



MPK50
Pure innovation.





HA26 RTJ PRO

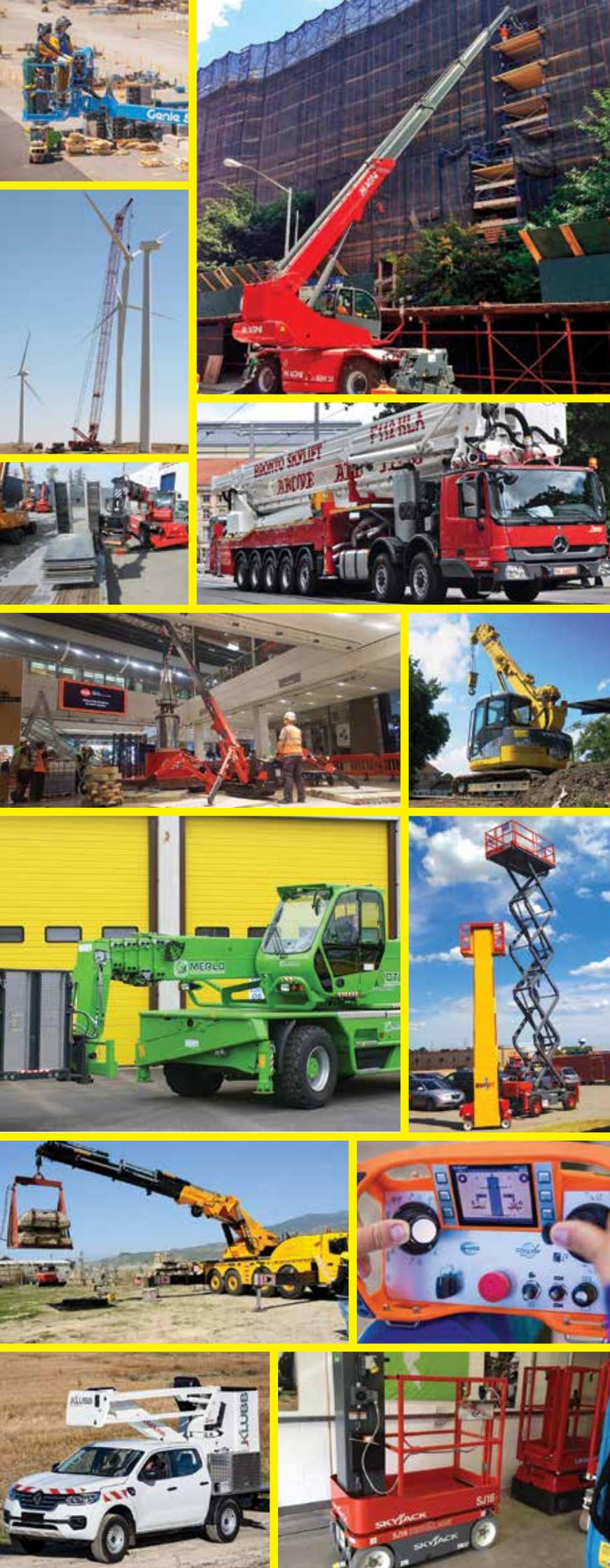
BUILDING ON SUCCESS of HA16 range and HA20 range.
With the best working envelop and its exclusive 350kg load capacity, the 26m articulating boom is the machine you expected.
Our latest innovations in terms of safety and return on investment are about to become your new standard:

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- > NEW generation of Haulotte ACTIV' Shield Bar to prevent crushing risks and protect operators
- > NEW Haulotte Stop Emission System that automatically stops and restarts the engine
- > NEW Haulotte ACTIV'Screen with on-board diagnostic system to support users in maintenance operations

cranes & access dealer guide

2017

Cranes
Aerial work
platforms
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Lifting gear
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Each year we aim to hone and refine this handy source guide, complete with UK and Irish dealers, and this year we have added a new category - Material Lifts such as those made by Genie and Sumner. Whenever so much data is collated and published there is only one thing that is certain, and that is that errors or omissions will occur. So please do not hesitate to email us at editor@vertikal.net if you spot anything.

HEAVY LIFT CRANES/EQUIPMENT

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
ALE Engineering	UK	ALE	01889 272500	ALE	+44 1889 272 500	www.ale-heavylift.com
Bigge	USA	Direct	+1 888 337 2444	Direct	+1 888 337 2444	www.bigge.com
Deep South	USA	No Distribution	+1 225 753 4371	No Distribution	+1 225 753 4371	www.deepsouthcrane.com
Lampson	USA	Direct	+1 509 586 0411	Direct	+1 509 586 0411	www.lampsoncrane.com
Liebherr	Germany	Liebherr GB	01767 602100	Liebherr GB	01458 76 50	www.liebherr.co.uk
Mammoet	Netherlands	Mammoet UK	01912 620550	Mammoet UK	+44 1912 620550	www.mammoet.com
Manitowoc	USA	Manitowoc UK	01280 818830	Manitowoc UK	+44 1280 818830	www.manitowoc.com
Sarens	Belgium/USA	Sarens UK	01642 621621	Sarens Ireland	057 87 40 944	www.sarens.com
Terex	Germany	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com

MOBILE CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Altec	USA	Aldercote	01482 223777	Aldercote	+44 1482 223777	www.aldercote.com
Bailey Cranes	USA	Direct	+1 262 710 4028	Direct	+1 262 710 4028	www.baileycranes.com
Bendini	Italy	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terex.com
Bencini - Cams	Italy	No Distribution	+378 0549 988111	No Distribution	+378 0549 988111	www.camsind.com
Broderson	USA	Direct	+1 913 888 0606	Direct	+1 913 888 0606	www.bmccranes.com
Demag	Germany/USA	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
EuroRigo	Italy	Direct	+390 4568 61500	Direct	+390 4568 61500	www.rigo.com
Franna	Australia	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
Galizia	Italy	UNIC Cranes Europe	01844 202071	GGR Group	+44 1844 202071	www.uniccranes.com
Grove	Germany	Manitowoc UK	01280 818830	Manitowoc UK	+44 1280 818830	www.manitowoc.com
Hidrokon	Turkey	No Dealer	+332 444 88 11	No Dealer	+332 444 88 11	www.hidrokon.com
Hematec	Germany	Direct	+49 351 8975 500	Direct	+49 351 8975 500	www.hematec-arbeitsbuehnen.de
Horyong	South Korea	Direct	+82 63 540 5555	Direct	+82 63 540 5555	www.horyong.co.kr
JMG	Italy	Direct	+39 0523 8486	Direct	+39 0523 8486	www.jmgcranes.it
Kato	Japan	Rivertek Services	01543 685161	Rivertek Services	02143 85342	www.rivertekservices.com
Liebherr	Germany	Liebherr GB	01767 602100	Liebherr GB	+353 458 7650	www.liebherr.co.uk
Lift Systems	USA	Claxton International	01244 661000	Claxton International	+44 1244 661000	www.claxtoninternational.co.uk
Lige	Italy	Direct	+39 0523 8486	Direct	+39 0523 8486	www.jmgcranes.it
Link-Belt	USA	NRC Plant	01375 361616	NRC Plant	+44 1375 361616	www.nrcplant.co.uk
Locatelli	Italy	No Dealer	+390 3549 45066	No Dealer	+39 035 494 5066	www.locatellcrane.eu
Manitex	USA	No Dealer	+1 512 942 3000	No Dealer	+1 512 942 3000	www.manitex.com
Manotti	Italy	No Dealer	+390 5229 65590	No Dealer	+390 5229 65590	www.manotti.eu
Marchetti	Italy	AGD Equipment	01789 292227	AGD Equipment	+44 1789 292227	www.agd-equipment.co.uk
Ormiq	Italy	Crowland Cranes	01733 210561	Crowland Cranes	+44 1733 210561	www.crowlandcranes.com
PC Produzioni	Italy	Direct	+39 0599 121211	Direct	+39 0599 121211	www.socage.it
Rigo	Italy	Direct	+390 4568 61500	Direct	+390 4568 61500	www.rigo.com
Sany	Austria	Palfinger Sany	+43 662 46840	Palfinger Sany	+44 1789 292227	www.palfinger-sany.com
Sennebogen	Germany	AGD Equipment	01789 292227	AGD Equipment	+44 1789 292227	www.agd-equipment.co.uk
Spierings	Holland	Spierings Kranen	+31 4126 97777	Spierings Kranen	+31 4126 97777	www.spieringskranen.nl
Tadano	Germany/Japan	Tadano UK	0870 066 5466	Tadano UK	+44 870 066 5466	www.tadano.co.uk
Terex	Germany/USA	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
Valla	Italy	Hird	01482 227333	Hird	+44 1482 227333	www.hird.co.uk
XCMG	China	Direct	0086 516 87739218	Direct	0086 516 87739218	www.xcmg.com
Zee Crane	USA	Direct	+1 800 698 8388	Direct	+1 800 698 8388	www.zee Crane.com
Zoomlion	China	Crowland Cranes	01733 210561	Crowland Cranes	+44 1733 210561	www.crowlandcranes.com

CRAWLER CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Fushun	China	Direct	+36 1584 131 3033	Direct	+36 1584 131 3033	www.cnfuwa.com
Fuwa	China	Direct	+36 1584 131 3033	Direct	+36 1584 131 3033	www.cnfuwa.com
Hitachi-Sumitomo	Japan	NRC Plant	01375 361616	NRC Plant	+44 1375 361616	www.nrcplant.co.uk
IHI	Japan	AGD Equipment	01789 292227	Rivertek	0 214 385342	www.rivertekservices.com
Jekko	Italy	JT Cranes	01767 677155	JT Cranes	+44 1767 677155	www.jtcranes.co.uk
Kiesel	Denmark	Direct	+45 24 44 86 88	Direct	+45 24 44 86 88	www.kiesel.dk
Kobelco	Japan	Kobelco Cranes Europe	01342 301122	Kobelco Cranes Europe	+44 1342 301122	www.kobelco-cranes.com
Komac	South Korea	Direct	+82 2761 0880	Direct	+82 2761 0880	www.komac.co.kr
Liebherr	Germany	Liebherr GB	01767 602100	Liebherr GB	0458 76 50	www.liebherr.co.uk
Link-Belt	USA	NRC Plant	01375 361616	NRC Plant	+44 1375 361 616	www.nrcplant.co.uk
Maeda	Japan	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Mait	Italy	AGD Equipment	01789 292227	AGD Equipment	01789 292227	www.agd-equipment.co.uk
Manitowoc	USA	Manitowoc UK	01280 818830	Manitowoc UK	+44 1280 818830	www.manitowoc.com
Mantis	USA	Tadano UK	0870 066 5466	Tadano UK	+44 870 066 5466	www.tadano.co.uk
Marchetti	Italy	AGD Equipment	01789 292227	AGD Equipment	+44 1789 292227	www.agd-equipment.co.uk
Sany	China	Sany Europe	+49 2272 905 31100	Sany Europe	+49 2272 905 31100	www.sanyeurope.com
Sennebogen	Germany	AGD Equipment	01789 292227	AGD Equipment	+44 1789 292227	www.agd-equipment.co.uk
Sunward	China	GGR Group	01844 202071	GGR Group	+44 1844 202071	www.ggrgroup.com
TCM	Italy	Direct	+39 0875 752076	Direct	+39 0875 752076	www.tcm srl.net
Terex	Germany	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
XCMG	China	Direct	0086 516 87739218	Direct	0086 516 87739218	www.xcmg.com
Zoomlion	China	Crowland Cranes	01733 210561	Crowland Cranes	+44 1733 210561	www.crowlandcranes.com

TOWER CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Arcomet	Belgium	No Dealer	+32 114 50950	No Dealer	+32 114 50950	www.arcomet.com
Artic Cranes	Sweden	City Lifting	01708 805550	City Lifting	+44 1708 805550	www.citylifting.co.uk
Bezzato	Italy	Rossa Consulting	020 8528 1411	Rossa Consulting	+44 20 8528 1411	www.rossainternational.com
Cattaneo	Italy	Weaving Machinery	01386 49155	Weaving Machinery	+44 1386 49155	www.weavingmachinerycranes.net
Cinomatic	Italy	Wanted	+39 3412 81961	Wanted	+39 3412 81961	www.cinomatic.com
Clever Crane	Italy	Wanted	+39 2908 48689	Wanted	+39 2908 48689	www.gelcogru.com
Cobra	Switzerland	Direct	+41 2667 51530	Direct	+41 2667 51530	www.cobra-crane.com
(Comedil) Terex	Italy	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
Comansa	Spain	City Lifting	01708 805550	City Lifting	+44 1708 805550	www.citylifting.co.uk
FB Gru	Italy	Crane Hire East Anglia	02077 949494	Northern Lift Trucks	+28 9267 3111	www.cranehireeastanglia.co.uk
FM Gru	Italy	Mantis Cranes	0845 3098158	Mantis Cranes Ireland	07491 49981	www.mantiscranes.ie
Gelco Clever Crane	Italy	Wanted	+39 290 848 689	Wanted	+39 290 848 689	www.gelcogru.com
GP Autolift	Italy	Direct	+39 0331 1820275	Direct	+39 0331 1820275	www.gpaolift.com
Jaso	Spain	Falcon Crane Hire	01362 821048	Falcon Crane Hire	+44 1362 821048	www.falcon-crane-sales-hire-uk.com
Jost	Germany	London Tower Cranes	+44 (20) 8953 7800	London Tower Cranes	+44 (20) 8953 7800	www.londontowercranes.co.uk
Kroll Cranes	Denmark	Direct	+45 4818 7400	Direct	+45 4818 7400	www.krollcranes.dk
Liebherr	Germany	Liebherr GB	01767 602100	Liebherr GB	0458 76 50	www.liebherr.co.uk
Linden Comansa	Spain	City Lifting	01708 805550	City Lifting	+44 1708 805550	www.citylifting.co.uk
Lux Cranes	Germany	MTI-Lux SA	+352 2674 5480	MTI-Lux SA	+352 2674 5480	www.mti-lux.com
Mantis	Ireland	Mantis Cranes	0845 3098158	Mantis Cranes Ireland	07491 49981	www.mantiscranes.ie
Montarent	Netherlands	Direct	+31 (0) 251 218 188	Direct	+31 (0) 251 218 188	www.montarent.nl
MTI	Germany	MTI-Lux SA	+352 2674 5480	MTI-Lux SA	+352 2674 5480	www.mti-lux.com
Potain top slew	France	Manitowoc UK	01280 818830	Electogen	01825 1644	www.potain.com
Potain self erectors	France	Ladybird Crane Hire	01527 889889	Electogen	01825 1644	www.potain.com
Raimondi	Italy	Bennetts Cranes	01453 811754	Irish Crane and Lifting	0643 3722	www.tower-crane.co.uk
Saez	Spain	Direct	+34 968 102 884	Direct	+34 968 102 884	www.gruassaez.com
San Marco	Italy	Direct	+39 032 282 601	Direct	+39 032 282 601	www.sanmarco-int.com
Spierings	Holland	Spierings Kranen	+31 4126 97777	Spierings Kranen	+31 4126 97777	www.spieringskranen.nl
Terex	Germany	Terex Cranes UK	01844 203770	Terex Cranes UK	+44 1844 203770	www.terexcranes.com
Varicio	Italy	Kevin Guy Plant Hire	01282 861166	Kevin Guy Plant Hire	+44 1282 861166	www.kevinguyplantire.com
Wolffkran	Germany	HTC Wolffkran	01709 559668	HTC Wolffkran	+44 1709 559668	www.htcplant.com
Yongmao	China	London Tower Cranes	020 8953 7800	London Tower Cranes	+44 20 8953 7800	www.londontowercranes.co.uk
Zoomlion	China	Crowland Cranes	01733 210561	Crowland Cranes	+44 1733 210561	www.crowlandcranes.com

SPIDER CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Benelli Gru	Italy	Direct	+39 522 969 756	Direct	+39 522 969 756	www.benelligru.it
BG Lift	Italy	Direct	+39 045 626 0100	Direct	+39 045 626 0100	www.bglift.com
Böcker	Germany	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Brennero Gru	Italy	Direct	+39 335 5763906	Direct	+39 335 5763906	www.brennerogru.it
Cormidi	Italy	GGR	01844 202071	GGR Group	+44 1844 202071	www.uniccranes.com
Hoeflon	Holland	Direct	+31 342 400 288	Direct	+31 342 400 288	www.hoeflon.nl
Jekko	Italy	JT Cranes	01767 677155	JT Cranes	+44 1767 677155	www.jtcranes.co.uk
Kejiom	Italy	No Dealer	+39 0143 822 031	No Dealer	+39 0143 822 031	www.kejiom.com
Kiesel	Denmark	Direct	+45 24 44 86 88	Direct	+45 24 44 86 88	www.kiesel.dk
Maeda	Japan	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Palazzani	Italy	TCA Lifting	0845 603 5360	TCA Lifting	+44 845 603 5360	www.poweredaccess.com
Reedyk	Holland	Promax Access	01226 716657	Promax Access	+44 1226 716657	www.promaxaccess.com
Riebsamen	Germany	No Dealer	+49 7582 791	No Dealer	+49 7582 791	www.riebsamen.de
R&B Engineering	Japan	Direct	+81 3919 2218	Direct	+81 3919 2218	www.rbe.co.jp
UNIC	Japan	UNIC Cranes Europe	01844 202071	GGR Group	+44 1844 202071	www.uniccranes.com
Valla	Italy	Hird	01482 227333	Hird	+44 1482 227333	www.hird.co.uk
Van Bouwel	Holland	Direct	+32 3369 6981	Direct	+32 3369 6981	www.vanbouwel-kranen.be

LOADER CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Amco Veba	Italy	Tip N Lift	01473 747222	Tip N Lift	+44 1473 747222	www.tipnlift.co.uk
Atlas	Germany	Atlas Cranes UK	08444 996688	Sleator Plant	+44 2890 844251	www.atlas-cranes.co.uk
Benelli Gru	Italy	Direct	+39 522 969 756	Direct	+39 522 969 756	www.benelligru.it
Cargotec/Hiab	Sweden	Hiab UK	01691 623100	Cahir House Machinery	05274 41300	www.hiab.com
Co.M.eT	Italy	Co.M.eT UK	01944 363088	Co.M.eT UK	+44 1944 363088	www.cometuk.com
Copma	Italy	Wanted	+39 0546 653 711	Wanted	+39 0546 653 711	www.copma-cranes.com
Cormach	Italy	Ernest Doe & Sons	01206 871881	Hydraweld	01458 0402	www.ernestdoe.com
Effer	Italy	Martin Williams Hull	01482 897607	Lambe Engineering	05793 55736	www.martinwilliamshull.co.uk
Effer Marine	Italy	Preferred Marine Cranes	01467 632975	Preferred Marine Cranes	+44 1467 632975	www.preferredmarine.com
Fassi	Italy	Fassi UK	01926 889779	Fassi UK	+44 1926 889779	www.fassi.co.uk
Ferrari	Italy	No Dealer	+39 522 486 311	No Dealer	+39 522 486 311	www.fliferrari.it
GAL	Greece	Seeking Dealer	+302 3107 66980	Seeking Dealer	+302 3107 66980	www.gal.gr
Hiab	Sweden	Hiab UK	01691 623100	Cahir House Machinery	05274 41300	www.hiab.com
Hidro-Grubert	Argentina	No Dealer	+54 3571 421500	No Dealer	+54 3571 421500	www.hidrogrubert.com
HMF	Denmark	HMF UK	01733 558145	HMF UK	+44 1733 558145	www.hmf.dk
Horyong	South Korea	Direct	+82 63 540 5555	Direct	+82 63 540 5555	www.horyong.co.kr
Hyva	Holland	Hyva UK	0161 776 6600	Hyva UK	+44 161 776 6600	www.hyva.co.uk
Kennis	Holland	Hyva UK	0161 776 6600	Hyva UK	+44 161 776 6600	www.hyva.co.uk
KLM	Italy	Bluelift	+39 5417 56872	Bluelift	+39 5417 56872	www.bluelift.it
Marchesi	Italy	Tip N Lift	01473 747222	Tip N Lift	+44 1473 747222	www.tipnlift.co.uk
Maxilift	Italy	Ernest Doe & Sons	01206 871881	Direct	+39 0522 963 039	www.ernestdoe.com
MKG	Germany	Truck Hyd. Services	01530 510101	MKG	+49 421 321 406	www.mkg-export.com
Next Hydraulics	Italy	Ernest Doe & Sons	01206 871881	Direct	+39 0522 963 039	www.ernestdoe.com
Palfinger	Austria	T.H White	01380 722381	Palfinger Ireland	05793 52525	www.thwhite.co.uk
Palfinger	Austria	Outreach - Scotland	01324 889000	Palfinger Ireland	05793 52525	www.outreachtd.co.uk
Penny Hydraulics	UK	Penny Hydraulics	01246 811475	Penny Hydraulics	+44 1246 811475	www.pennyhydraulics.com
Pesci	Italy	HCM Hydraulics	01639 711345	HCM Hydraulics	+44 1639 711345	www.hcm.uk.com
PM	Italy	Central Hydraulic Loaders	01827 283344	Joseph Bennett and Sons	05786 25245	www.pmcraanesuk.co.uk
Smart Crane	Italy	TCM	+39 0875 752076	TCM	+39 0875 752076	www.tcmsrl.net
Tirre	Germany	Harsh UK	01759 372100	Harsh UK	+44 1759 372100	www.harshuk.com
Toimil	Spain	Coastal Hydraulics	+353 87 225 1525	Coastal Hydraulics	087 225 1525	www.toimilgruas.com

TRAILER/ALUMINIUM CRANES

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Böcker	Germany	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Emminghaus	Germany	Direct	+49 5264 64640	Direct	+49 5264 64640	www.emminghaus.de
Klaas	Germany	Utility Equipment	0161 850 0456	Utility Equipment	+44 161 850 0456	www.ue-cranes.com
Paus	Germany	UNIC Cranes Europe	01844 202071	GGR Group	+44 1844 202071	www.uniccranes.com
Paus (furniture lifts)	Germany	The Furniture Hoist Co.	020 3150 1219	The Furniture Hoist Co.	+44 203 150 1219	www.furniturehoists.co.uk



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VEHICLE MOUNTED LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
ACM	Australia	Seeking Dealer	+61 3 9357 7524	Seeking Dealer	+61 3 9357 7524	www.australiancrane.com.au
Ascendant Access	UK	Ascendant Access	0191 4879933	Ascendant Access	+44 191 4879933	www.ascendantaccess.com
Aldercote	UK	APS	01480 891251	APS	+44 1480 891251	www.aldercote.com
Altec	USA	Aldercote	01482 222377	Aldercote	+44 1482 222377	www.aldercote.com
Anderson Hydra Platforms	USA	Direct	001803 366 8195	Direct	001803 366 8195	www.inspectabridge.com
Barin	Italy	Direct	+39 4959 71300	Direct	+39 4959 71300	www.barin.it
Benelli gru	Italy	Direct	+39 522 969756	Direct	+39 522 969756	www.benelligru.it
Bizzocchi	Italy	CTE UK	01162 866743	CTE UK	+44 1162 866743	www.ctelif.com
Böcker	Germany	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Bronto Skylift	Finland	Ian James	07884 497267	Ian James	+44 7884 497267	www.bronto.fi
Bronto Fire Platforms	Finland	Angloco	01924 441212	Angloco	+44 1924 441212	www.angloco.co.uk
Cautrac	UK	Direct	01206 273111	Direct	+44 1206 273111	www.cautrac.com
Cela	Italy	MEWPS Scotland	0141 775 1790	Direct	+39 3098 84084	www.mewpsscotland.co.uk
CMC	Italy	Spiderlift	08702 255554	Spiderlift	+44 8702 255554	www.spiderlift.co.uk
Co.M.eT	Italy	Co.M.eT UK	01944 363088	Co.M.eT UK	+44 1944 363088	www.cometuk.com
CTE	Italy	CTE UK	01162 866743	CTE UK	+44 1162 866743	www.ctelif.com
Cushman	USA	Direct	+1 7067 984311	Direct	+1 7067 984311	www.cushman.com
Easy Lift	Italy	Cumberland Platforms	01536 529876	Cumberland Platforms	+44 1536 529879	www.cumberlanduk.co.uk
France Elevateur	France	Utility Equipment	0161 850 0456	Utility Equipment	+44 161 850 0456	www.utility-equipment.com
GSR	Italy	GSR UK	07436 301355	GSR UK	+44 7436 301355	www.gsrspa.it
Hidro-Grubert	Argentina	No Dealer	+54 3571 421500	No Dealer	+54 3571 421500	www.hidrogrubert.com
Hinowa	Italy	APS	01480 891251	APS	+44 1480 891251	www.iapsgroup.com
Horyong	South Korea	Direct	+82 63 540 5555	Direct	+82 63 540 5555	www.horyong.co.kr
Isoli	Italy	Direct	+39 049 9438611	Direct	+39 049 9438611	www.isoli.com
Klaas	Germany	Utility Equipment	0161 850 0456	Utility Equipment	+44 161 850 0456	www.utility-equipment.com
Klub	France	Cumberland Platforms	01536 529876	Cumberland Platforms	+44 1536 529879	www.cumberlanduk.co.uk
Movex	Spain	Seeking Dealer	+34 9384 93777	Seeking Dealer	+34 9384 93777	www.movexlift.com
Multihog	UK	Cumberland Platforms	01536 529876	Cumberland Platforms	+44 1536 529879	www.cumberlanduk.co.uk
Multitel-Pagliari	Italy	Access Industries	01442 874534	Access Industries	+44 1442 874534	www.accessequipment.net
Niftylift	UK	Niftylift	01908 223456	Niftylift	+44 1908 223456	www.niftylift.com
Nostolift	Finland	Direct	+358 4002 44040	Direct	+358 4002 44040	www.nostolift.fi
Oil&Steel	Italy	Urban Access	01202 593411	Cherry Picker	+353 1835 4788	www.oilsteel.com
Pagliari	Italy	Access Industries	01442 874534	Access Industries	+44 1442 874534	www.accessequipment.net
Palfinger Platforms	Germany	SkyKing	01858 467361	SkyKing	+44 1858 467361	www.kingtrailers.co.uk
Palfinger Platforms Italia	Italy	Cumberland Platforms	01536 529876	Cumberland Platforms	+44 1536 529879	www.cumberlanduk.co.uk
PC Produzioni	Italy	Direct	+39 0599 121211	Direct	+39 0599 121211	www.socage.it
Ruthmann	Germany	Access Sales International	08718 714284	Access Sales International	+44 8718 714284	www.asionline.co.uk
Sky Aces	Italy	SkyKing	01858 467361	SkyKing	+44 1858 467361	www.kingtrailers.co.uk
SkyKing	UK	Direct	01858 467361	Direct	+44 1858 467361	www.kingtrailers.co.uk
Socage	Italy	APS	01480 891251	APS	+44 1480 891251	www.iapsgroup.com
Talleres Velilla	Spain	Seeking Dealer	+34 9384 93777	Seeking Dealer	+34 9384 93777	www.movexlift.com
Tecchio	Italy	Wanted	+39 4299 0648	Wanted	+39 4299 0648	www.techiosrl.com
Terex Utilities	USA	Cumberland Platforms	01536 529876	Cumberland Platforms	+44 1536 529 876	www.cumberlanduk.co.uk
Teupen	Germany	Teupen UK	03301 025686	Teupen UK	+44 3301 025686	www.teupen.com
Versalift	UK	Versalift UK	01536 721010	Versalift UK	+44 1536 721010	www.versalift.co.uk

SCISSOR LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
AB Lift	Germany	Collé Rental & Sales	+31 (0) 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.colle.eu
Access-Zipper	UK	Access Industries	01442 874534	Access Industries	+44 1442 874534	www.accessequipment.net
Aichi	Japan	Aichi Sales Office BV	+31 162 431543	Aichi Sales Office BV	+31 162 431543	www.aichi.eu
Airo	Italy	Aerial & Handling Services	01737 844896	Aerial & Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
Alarina	Spain	Direct	+34 950 315643	Direct	+34 950 315643	www.alarina.es
Almac	Italy	SkyKing	01858 467361	SkyKing	+44 1858 467361	www.kingtrailers.co.uk
ATN Platforms	France	Direct	+33 553 798 320	Direct	+33 553 798 320	www.atnplatforms.com
Bravi	Italy	Direct	+39 071 7819090	Direct	+39 071 7819090	www.bravi.com
Custom Equipment	USA	Collé Rental & Sales	+31 (0) 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.colle.eu
Dingli	China	Dingli UK	07794 052601	Dingli UK	+44 7794 052601	www.dingliplatformsales.co.uk
Eazzi Lift	UK	R2 Access Platforms	07799 118462	R2 Access Platforms	+44 7799 118 462	www.r2access.com
Eddielift	UK	Edmolift	01440 730640	Edmolift	+44 1440 730640	www.edmolift.co.uk
Edmolift	UK	Edmolift	01440 730640	Edmolift	+44 1440 730640	www.edmolift.co.uk
ELS Makine	Turkey	Direct	+90 224 241 30 90	Direct	+90 224 241 30 90	www.elslift.com
Faraone	Italy	Promax Access	01226 716657	Cherry Picker	01 835 4788	www.promaxaccess.com
Genie	USA	Genie UK	014765 84333	Genie Europe	+44 14765 84333	www.genielift.co.uk
GMG	China	Russon Access	07725 567870	Russon Access	+44 (7725) 567870	www.gobalmachineryinc.com
Goman	China	Direct	+86 2784 855127	Direct	+86 2784 855127	www.gomanlift.cn
HAB	Germany	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.colle.eu
Haulotte	France	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Holland Lift	Holland	AJ Access	01291 421155	AJ Access	+44 1291 421155	www.accessplatforms.com
Hy-Brid	USA	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.colle.eu
Iteco/lmer	Italy	Cumberland Platforms	01536 529876	Cumberland Platforms	+44 1536 529876	www.cumberlanduk.co.uk
JCB	UK	JCB	01889 590312	JCB	+44 1889 590312	www.jcb.co.uk
JLG	USA-Belgium	JLG Industries	01616 541000	Access Platform Sales	+44 1480 891251	www.jlgeurope.com
JCHI	China	Wanted	+86 10615 39210	Wanted	+86 10615 39210	www.jchic.com
Kreitzler	Germany	Direct	+49 23026 98418	Direct	+49 23026 98418	www.kreitzler.de
Leguan	Finland	Central Platform Services	01977 643 595	Central Platform Services	+44 1977 643595	www.cpslift.com
LGMG	China	Direct	+86 531 8166 6372	Direct	+86 531 8166 6372	en.lgmg.com.cn
Liftlux	Belgium	JLG Industries UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
Manitou	France	Manitou UK	01202 825331	Manitou UK	+44 1202 825331	www.uk.manitou.com
Mantall	China	Wanted	+86 133 8390 5158	Wanted	+86 133 8390 5158	www.mantall.com
MEC	USA	APS	01480 891251	APS	+44 1480 891251	www.iapsgroup.com
Mieve	Spain	Direct	+34 9798 08036	Direct	+34 9798 08036	www.mieve.es
Nagano	Japan	Kemp Hoogwerkers	+31 30669 1091	Kemp Hoogwerkers	+31 30669 1091	www.kemphoogwerkers.nl
Noblift	China	Noblift Europe	+49 9401 607930	Noblift Europe	+49 9401 607930	www.noblifteurope.com
Omega	Holland	Direct	+31 174 525990	Direct	+31 1745 25990	www.omegaplatforms.nl
Oxley Group	Italy	Direct	+39 171 857036	Direct	+39 1718 57036	www.oxley.es
PB Lifttechnik	Germany	Russon Access	01384 444630	Russon Access	+44 1384 444630	www.russonaccess.com
PLE	UK/USA	Snorkel UK	0845 1550 057	Snorkel	+44 845 1550 057	www.snorkellifts.co.uk
Pop-Up Products	UK	Pop-Up Products	01244 833933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Power Towers	UK	Power Towers	01162 001757	Power Towers	+44 1162 001757	www.powertowers.co.uk
Sinoboom	China	Seeking Dealer	+86 731 8711 6222	Seeking Dealer	+86 731 8711 6222	www.sinoboom.com
Skyjack	Canada	Skyjack UK	01691 676235	Skyjack UK	+44 1691 676235	www.skyjack.com
Snorkel	UK/USA	Snorkel UK	0845 1550 057	Snorkel	+44 845 1550 057	www.snorkellifts.co.uk
Tadano	Germany	Direct	+81 33621 7750	Direct	+81 33621 7750	www.tadano.co.jp
Youngman	Taiwan	Youngman/APS	01621 745900	Youngman/APS	+44 1480 891251	www.iapsgroup.com

TRAILER MOUNTED LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Bil-Jax	USA	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Böcker	Germany	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Co.M.eT	Italy	Co.M.eT UK	01944 363088	Co.M.eT UK	+44 1944 363088	www.cometuk.com
Custers	Holland	Hi-Lift Access	01623 474154	Hi-Lift Access	+44 1623 474 154	www.hi-lift.com
Denka	Germany	Rothlehner	+49 8724 96010	Rothlehner	+49 8724 96010	www.rthlehner.de
Dinolf	Finland	Central Platform Services	01977 643 595	Central Platform Services	+44 1977 643595	www.cpslift.com
Emminghaus	Germany	Direct	+49 5264 64640	Direct	+49 5264 64640	www.emminghaus.de
Europelift	Hungary	Direct	+36 209 474767	Direct	+36 209 474767	www.europelift.com
Genie	USA	Genie UK	01476 584333	Genie Europe	+44 14765 84333	www.genielift.co.uk
Haulotte	France	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Hidro-Grubert	Argentina	No Dealer	+54 3571 421500	No Dealer	+54 3571 421500	www.hidrogrubert.com
JLG	USA-Belgium	JLG Industries UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
Klaas	Germany	Utility Equipment	0161 850 0456	Utility Equipment	+44 161 850 0456	www.utility-equipment.com
Matilsa	Spain	Hi-Lift Access	01623 474154	Seeking Dealers	+34 976 294547	www.matilsa.es
Niftylift	UK	Niftylift	01908 223456	Niftylift	+44 1908 223456	www.niftylift.com
Ommelift	Denmark	APS	01480 891251	APS	+44 1480 891251	www.iapsgroup.com
Paus	Germany	UNIC Cranes Europe	01844 202071	GGR Group	+44 1844 202 071	www.unicranes.com
PLE	USA	Direct	+1 605 763 2945	Direct	+1 605 763 2945	www.portableliftequipment.com
Snorkel	UK/USA	Snorkel UK	0845 1550 057	Snorkel	0845 1550 057	www.snorkellifts.co.uk
Teupen	Germany	Teupen UK	03301 025686	Teupen UK	+44 3301 025686	www.teupen.com

SELF-PROPELLED BOOM LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Aichi	Japan	Aichi Sales Office BV	+31 162 431543	Aichi Sales Office BV	+31 162 431543	www.aichi.eu
Airo	Italy	Aerial & Handling Services	01737 844896	Aerial and Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
ATN Platforms	France	Direct	+33 553 798 320	Direct	+33 553 798 320	www.atnplatforms.com
Catamount	Netherlands	Direct	+31 85 486 1320	Direct	+31 85 486 1320	www.catamount.nl
Cautrac	UK	Direct	01206 273111	Direct	+44 1206 273111	www.cautrac.com
Dingli	China	Dingli UK	07794 052601	Dingli UK	+44 7794 052601	www.dingliplatformsales.co.uk
Dinolift	Finland	Central Platform Services	01977 643 595	Central Platform Services	+44 1977 643595	www.cpslift.com
ELS Makine	Turkey	Direct	+90 224 241 30 90	Direct	+90 224 241 30 90	www.elslift.com
Genie	USA	Genie UK	014765 84333	Genie Europe	+44 14765 84333	www.genielift.co.uk
Giraf Track	Belgium	UNIC Cranes Europe	01844 202071	GGR Group	+44 1844 202071	www.unicranes.com
HAB	Germany	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.colle.eu
Haulotte	France	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Hematec	Germany	Direct	+49 351 8975 500	Direct	+49 351 8975 500	www.hematec-arbeitsbuehnen.de
Hitachi	Japan	HM Plant	01914 308400	HM Plant	+44 1914 308400	www.hmplant.ltd.uk
Imer	Italy	Cumberland Platforms	01536 529876	Direct	+39 0577 973457	www.cumberlanduk.co.uk
JCB	UK	JCB	01889 590312	JCB	+44 1889 590312	www.jcb.co.uk
JLG	USA-Belgium	JLG Industries UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
JCHI	China	Wanted	+86 10615 39210	Wanted	+86 10615 39210	www.jchic.com
Kreitzler	Germany	Direct	+49 23026 98418	Direct	+49 23026 98418	www.kreitzler.de
Leguan	Finland	Central Platform Services	01977 643 595	Central Platform Services	+44 1977 643595	www.cpslift.com
Lehmann	Germany	Wanted	+49 351 854 040	Wanted	+49 351 854 040	www.lehmann.lifte.de
Manitou	France	Manitou UK	01202 825331	Manitou UK	+44 1202 825331	www.uk.manitou.com
Matisa	Spain	Hi-Lift Access	01623 474154	Seeking Dealers	+34 976 294547	www.matisa.es
Mantall	China	Wanted	0513-8390 5158	Wanted	+44 513-8390 5158	www.mantall.com
MEC	USA	APS	01480 891251	APS	+44 1480 891251	www.iapsgroup.com
Mecaplus	Spain	No Dealer	+39 974 435126	No Dealer	+39 974 435126	www.mecaplus.es
Mieve	Spain	Direct	+34 9798 08036	Direct	+34 9798 08036	www.mieve.es
Nagano	Japan	Kemp Hoogwerkers	+31 30669 1091	Kemp Hoogwerkers	+31 30669 1091	www.kemphoogwerkers.nl
Niftylift	UK	Niftylift	01908 223456	Niftylift	+44 1908 223456	www.niftylift.com
Nostolift	Finland	Direct	+358 4002 44040	Direct	+358 4002 44040	www.nostolift.fi
PB Lifttechnik	Germany	Russon Access	01384 444630	Russon Access	+44 1384 444630	www.russonaccess.com
Platform Basket	Italy	Promax Access	01226 716657	Promax Access	+44 1226 716657	www.promaxaccess.com
Power Towers	UK	Power Towers	01162 001757	Power Towers	+44 1162 001757	www.powertowers.co.uk
Rival	Netherlands	Rival UK	0844 335 2993	Rival UK	+44 844 335 2993	www.rival.com
Sinoboom	China	Seeking Dealer	+86 731 8711 6222	Seeking Dealer	+86 731 8711 6222	www.sinoboom.com
Skyjack	Canada	Skyjack UK	01691 676235	Skyjack UK	+44 1691 676235	www.skyjack.com
Snorkel	UK/USA	Snorkel UK	0845 1550 057	Snorkel	+44 845 1550 057	www.snorkellifts.co.uk
Tadano	Japan	Direct	+81 33621 7750	Direct	+81 33621 7750	www.tadano.co.jp
Toucan	France	JLG Industries UK	01616 541000	Access Platform Sales	+353 7497 21017	www.jlgeurope.com

PUSH AROUND LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Airo	Italy	Aerial & Handling Services	01737 844896	Aerial & Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
Alarina	Spain	Direct	+34 950 315643	Direct	+34 950 315643	www.alarina.es
Big Astor	Italy	Direct	+39011 6051743	Direct	+39011 6051743	www.bigastor.it
Bil-Jax	USA	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Bison Products	UK	APS	01480 891251	APS	+44 1480 891251	www.iapsgroup.com
Böcker	Germany	Lancastria Hoists	0161 777 9009	Lancastria Hoists	+44 1617 779009	www.lancastria-group.co.uk
Custom Equipment	USA	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.hybridlifts.com
Dingli	China	Dingli UK	07794 052601	Dingli UK	+44 7794 052601	www.dingliplatformsales.co.uk
Eazzilift	UK	R2 Access Platforms	07799 118462	R2 Access Platforms	+44 7799 118 462	www.accessaccess.com
Eddielift	Italy	Edmolift	01440 730640	Edmolift	+44 1440 730640	www.edmolift.co.uk
Edmolift	UK	Edmolift	01440 730640	Edmolift	+44 1440 730640	www.edmolift.co.uk
ELS Makine	Turkey	Direct	+90 224 241 30 90	Direct	+90 224 241 30 90	www.elslift.com
Faraone	Italy	Promax Access	01226 716657	Cherry Picker	+44 1226 716657	www.promaxaccess.com
Genie	USA	Genie UK	01476 584333	Genie Europe	+44 14765 84333	www.genielift.co.uk
Haulotte	France	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Hugo	UK	HLS	01132 878446	HLS	+44 1132 878446	www.hls.co.uk
Hy-Brid	USA	Collé Rental & Sales	+31 46 457 41 02	Collé Rental & Sales	+31 46 457 41 02	www.hybridlifts.com
Imer	Italy	Cumberland Platforms	01536 529876	Direct	+39 0577 973457	www.cumberlanduk.co.uk
JLG	USA-France	JLG Industries UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
Kuli/Kempkes	Germany	Wanted	+49 2191 4340	Wanted	+49 2191 4340	www.kuli.com
Lain Access	UK	Direct	01553 810307	Direct	+44 155 3810 307	www.lainaccess.co.uk
Mantall	China	Wanted	+86 133 8390 5158	Wanted	+86 133 8390 5158	www.mantall.com
Mieve	Spain	Direct	+34 9798 08036	Direct	+34 9798 08036	www.mieve.es
Pop-Up Products	UK	Pop-Up Products	01244 833933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Power Scissor	UK	Russon Access	01384 444630	Russon Access	+44 1384 444630	www.accessplatformcompany.co.uk
Power Towers	UK	Power Towers	01162 001757	Power Towers	+44 1162 001757	www.powertowers.co.uk
ReechCraft	USA	Russon Access	01384 444630	Russon Access	+44 1384 444630	www.accessplatformcompany.co.uk
Sidewinder	UK	Russon Access	01384 444630	Russon Access	+44 1384 444630	www.accessplatformcompany.co.uk
Snorkel	UK	Snorkel UK	0845 1550 057	Snorkel	+44 845 1550 057	www.snorkellifts.co.uk
Youngman	Taiwan	Youngman/APS	01621 745900	Youngman/APS	+44 1480 891251	www.iapsgroup.com

SPIDERLIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Airo	Italy	Aerial & Handling Services	01737 844896	Aerial & Handling Services	+44 1737 844896	www.aerialandhandlingservices.com
ATN Platforms	France	Direct	+33 553 798 320	Direct	+33 553 798 320	www.atnplatforms.com
Benelli gru	Italy	Direct	+39 522 969756	Direct	+39 522 969756	www.benelligrui.it
Bluelift	Italy	HLS	01132 878446	HLS	+44 1132 878446	www.hls.co.uk
Böcker	Germany	Kranlyft UK	01179 826661	Kranlyft UK	+44 1179 826661	www.kranlyft.co.uk
Cela	Italy	MEWPS Scotland	0141 775 1790	Direct	+39 3098 84084	www.mewpsscotland.co.uk
Cormidi	Italy	UNIC Cranes Europe	01844 202071	GGR Group	+44 1844 202071	www.unicranes.com
CMC	Italy	Spiderlift	08702 255554	Spiderlift	+44 8702 255554	www.spiderlift.co.uk
CTE	UK	CTE UK	01162 866743	CTE UK	+44 1162 866743	www.ctelift.com
Dingli	China	Dingli UK	07794 052601	Dingli UK	+44 7794 052601	www.dingliplatformsales.co.uk
Dinolift	Finland	Central Platform Services	01977 643 595	Central Platform Services	+44 1977 643595	www.cpslift.com
Easy Lift	Italy	SkyKing	01858 467361	SkyKing	+44 1858 467361	www.kingtrailers.co.uk
Europelift	Hungary	Direct	0036 20 9474 767	Direct	0036 20 9474 767	www.europelift.com
Goman	China	Direct	+86 2784 855127	Direct	+86 2784 855127	www.gomanlift.cn
Hinowa	Italy	APS	01480 891251	APS	+44 1480 891251	www.iapsgroup.com
Imer	Italy	Cumberland Platforms	01536 529876	Cumberland Platforms	+44 1536 529876	www.cumberlanduk.co.uk
Jekko	Italy	JT Cranes	01767 677155	JT Cranes	+44 1767 677155	www.jtcranes.co.uk
JLG	USA-France	JLG Industries UK	01616 541000	Access Platform Sales	07497 21017	www.jlgeurope.com
Leader	Italy	Wanted	+39 0522 619270	Wanted	+39 0522 619270	www.leader-piatt.it
Leguan	Finland	Avant Tecno UK	01953 714896	Direct	+358 3347 6400	www.leguanlifts.com
Multitel	Italy	Access Industries	01442 874534	Access Industries	+44 1442 874534	www.accessequipment.net
Niftylift	UK	Niftylift	01908 223456	Niftylift	+44 1908 223456	www.niftylift.com
Oil&Steel	Italy	Urban Access	01202 593411	Cherry Picker	+353 1835 4788	www.oilsteel.com
Ommelift	Denmark	APS	01480 891251	APS	+44 1480 891251	www.iapsgroup.com
Pagliero	Italy	Access Industries	01442 874534	Access Industries	+44 1442 874534	www.accessequipment.net
Palazzani	Italy	TCA Lifting	0845 603 5360	TCA Lifting	+44 845 603 5360	www.poweredaccess.com
Palfinger Platforms Italia	Italy	Cumberland Platforms	01536 529876	Cumberland Platforms	+44 1536 529876	www.cumberlanduk.co.uk
PC Produzioni	Italy	Direct	+39 3387 674786	Direct	+39 3387 674786	www.manotti.eu
Platform Basket	Italy	Promax Access	01226 716657	Promax Access	+44 1226 716657	www.promaxaccess.com
Ruthmann	Germany	HLS	01132 878446	HLS	+44 1132 878446	www.hls.co.uk
Sinoboom	China	Seeking Dealer	+86 731 8711 6222	Seeking Dealer	+86 731 8711 6222	www.sinoboom.com
Socage	Italy	Cumberland Platforms	01536 529876	Cumberland Platforms	+44 1536 529876	www.cumberlanduk.co.uk
TCA Lift	Denmark	Urban Access	01202 593411	Urban Access	+44 1202 593411	www.urban-access.co.uk
Teupen UK	Germany	Teupen UK	03301 025686	Teupen UK	+44 3301 025686	www.teupen.com

MASTCLIMBERS & HOISTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Ahler	Spain	BFT Mastclimbers	01525 853575	BFT Mastclimbers	+44 1525 853575	www.bftmastclimbing.com
Alba	Spain	Wanted	+34 944 711 600	Wanted	+34 944 711 600	www.alba.es
Alimak	Sweden	Alimak Hek	01933 354700	Alimak Hek	+44 1933 354700	www.alimakhek.com
AS Climber	Spain	Direct	+34 916 918 580	Direct	+34 916 918 580	www.asc climber.com
Böcker	Germany	Lancastria Hoists	0161 777 9009	Lancastria Hoists	+44 1617 779009	www.lancastria-group.co.uk
Camac	Spain	Direct	+34 937 771 050	Direct	+34 937 771 050	www.camacsa.com
Electroelsa	Italy	Direct	+39 057 791 3401	Direct	+39 057 791 3401	www.electroelsa.com
Euroscaf	Italy	Direct	+39 042 374 6732	Direct	+39 042 374 6732	www.euroscaf.it
Encomat	Spain	Direct	+34 916 280 056	Direct	+34 916 280 056	www.encomat.com
Fixator	France	Direct	+33 241 311 700	Direct	+33 241 311 700	www.fixator-lift.com
Fraco	Canada	Fraco UK	01895 262215	Fraco UK	+44 1895 262215	www.fraco.co.uk
Geda	Germany	Mace Industries	01536 206600	Direct	+49 906 98090	www.maceindustries.co.uk
George Taylor Lifting Gear	UK	Direct	01922 457916	Direct	+44 1922 457916	www.gtlifting.co.uk
Goian	Spain	Wanted	+34 943 804 001	Wanted	+34 943 804 001	www.goian.com
Haki	Sweden	Haki UK	01827 282525	Haki UK	+44 1827 282525	www.haki.co.uk
Hek	Holland	Alimak Hek	01933 354700	Alimak Hek	+44 1933 354700	www.alimakhek.com
Hydro Mobile	Canada	Wanted	+1 888 484 9376	Wanted	+1 888 484 9376	www.hydro-mobile.com
Imer	Italy	CLM Supplies	0844 800 1750	Direct	+39 0577 973457	www.clm-supplies.com
Maber	Italy	CLM Supplies	0844 800 1750	Maber	+39 444 660 872	www.clm-supplies.com
MP-Haki	Sweden	Haki UK	01827 282525	Haki UK	+44 1827 282525	www.haki.co.uk
Piat	Italy	Direct	+39 041 927 824	Direct	+39 041 927 824	www.piatvideasrl.com
Raxtar	Holland	NTP Hoist Spares	01484 300503	NTP Hoist Spares	+44 1484 300503	www.hoistspares.co.uk
Rovers	Italy	Wanted	+39 089 772 4134	Wanted	+39 089 772 4134	www.rovers.it
Safi	Italy	Direct	+39 042 363 9321	Direct	+39 042 363 9321	www.safi.it
Saltec	Spain	Direct	+34 9765 71737	Direct	+34 9765 71737	www.saltectorgar.com
Scanclimber	Finland	Direct	+358 40 545 3773	Direct	+358 40 545 3773	www.scanclimber.com
Steinweg	Germany	Lancastria Hoists	0161 777 9009	Lancastria Hoists	+44 1617 779009	www.lancastria-group.co.uk
SMEA.N.	Italy	Wanted	39 081 250 84210	Wanted	+39 081 250 84210	www.smean.it
Stros	Slovakia	Direct	+420 318 842 369	Direct	+420 318 842 369	www.stros.cz
Torgar	Spain	Direct	+34 9765 71737	Direct	+34 9765 71737	www.saltectorgar.com

MATERIAL LIFTS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Alp Lift	Germany	Lancastria	0161 7758921	Lancastria	+44 161 7758921	www.lancastria-group.co.uk
Genie	USA	Genie UK	014765 84333	Genie Europe	+44 14765 84333	www.genielift.co.uk
LiftSmart	USA	Direct	+1 800 717 3079	Direct	+1 800 717 3079	www.liftsmart.homestead.com
Snorkel	UK	Snorkel UK	0845 1550 057	Snorkel	+44 845 1550 057	www.snorkellifts.co.uk
Sumner	USA	Sumner Lift UK	01905 458333	Sumner Lift UK	+44 1905 458333	www.sumner.com

TRANSPORT TRAILERS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Andover Trailer	UK	Direct	01264 358944	Andover Trailers	+44 1475 522261	www.andovertrailers.co.uk
Broshuis	Holland	Broshuis Trailers UK	01858 432502	Broshuis Trailers UK	+44 1858 432502	www.broshuis.com
Goldhofer	Germany	Andover Trailers	01264 358944	Andover Trailers	+44 1475 522261	www.andovertrailers.co.uk
Ifor Williams	UK	Local Network	0843 216 7447	West-Wood Trailers	045 87 6053	www.iwrt.co.uk
Kässbohrer	Turkey	Tinsley	01642 784279	Tinsley	+44 1642 784279	www.tinsleyspecialproducts.com
King	UK	King Trailers	01858 467361	King Trailers	+44 1858 467361	www.kingtrailers.co.uk
Macs Trucks	UK	Direct	01422 311999	Direct	+44 1422 311999	www.macs trucks.co.uk
Nicolas	France	Munro Commercial	01704 897003	Munro Commercial	+44 1704 897003	www.munrocommercial.com
Nooteboom	Holland	HSE Nooteboom	01536 204233	HSE Nooteboom	+44 1536 204233	www.hse-nooteboom.com
Faymonville	Belgium	Traffco	01536 206915	Ashbourne Truck Centre	01835 0573	www.faymonville.com
Schuler & Schlömer	Switzerland	Wanted	+41 854 7000	Wanted	+41 854 7000	www.schuler-schuler.ch
Sterling GP	UK	Direct	01642 713333	Direct	+44 1642 713333	www.sterlinggp.com
Tinsley	UK	Tinsley	01642 784279	Tinsley	+44 1642 784279	www.tinsleyspecialproducts.com

MOBILE ACCESS TOWERS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Aliscaff	UK	Aliscaff	01279 406270	Aliscaff	+44 1279 406270	www.alistage.co.uk
Alto	UK	Alto Tower Systems	08451 776644	Alto Tower Systems	+44 8451 776644	www.alto-towers.co.uk
Altrex	UK	Pop-Up Products	01244 833933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Big Astor	Italy	Wanted	+39 116 051 743	Wanted	+39 116 051 743	www.bigastor.it
Clow	UK	Clow Group	01415 546272	Clow Group	+44 141 554 6272	www.clowgroup.co.uk
Eiger Tower	UK	Pop-Up Products	01244 833 933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Euro Towers	UK	Euro Towers	01604 644774	Euro Towers	+44 1604 644774	www.eurotowers.co.uk
Faraone	Italy	Promax Access	01226 716657	Cherry Picker	+44 1226 716657	www.faraone.com
Frigerio	Italy	Wanted	+39 035 525 115	Wanted	+39 035 525 115	www.eng.frigeriospa.com
Haki	Sweden	Haki UK	01827 282525	Haki UK	+44 1827 282525	www.haki.co.uk
Instant UpRight	Ireland	Planet Platforms	0800 0854 161	F.A.S.T Scaffold	01830 8133	www.planetplatforms.co.uk
Layher	Germany	Layher UK	01462 475100	Layher UK	+44 1462 475100	www.layher.co.uk
Lyte Industries	UK	Lyte Industries	01792 796666	Lyte Industries	+44 1792 796666	www.lyteladders.co.uk
Monkey Tower	UK	Monkey Tower	01277 356172	Monkey Tower	+44 1277 356172	www.monkeytower.co.uk
Pop-Up Products	UK	Pop-Up Products	01244 833 933	Pop-Up Products	+44 1244 833 933	www.popupproducts.co.uk
Pyrascap	UK	Pyrascap	07818 558379	Pyrascap	01830 7328	www.pyrascapfdt.com
Svelt	Italy	Wanted	+39 035 681663	Wanted	+39 035 681663	www.svelt.it
Turner Access	UK	Turner Access	01413 095555	Turner Access	+44 141 309 5555	www.turner-access.co.uk
Werner	UK	Werner UK	01621 745 900	Werner UK	+44 1621 745900	www.wernerco.com
Youngman	UK	Youngman/APS	01621 745900	Youngman/APS	+44 1480 891251	www.iapsgroup.com
Zarges	Germany	Zarges UK	01908 641 118	Zarges UK	+44 1908 641 118	www.zargesuk.co.uk
Zip-Up	Ireland	Planet Platforms	0800 0854161	F.A.S.T Scaffold	01830 8133	www.planetplatforms.co.uk

DISCONTINUED BRANDS

Manufacturer	Status	Spare Parts	UK Telephone	Website
ABM	Acquired by Haulotte	Haulotte UK	01952 292753	www.haulotte.co.uk
Aerial	Absorbed into Tanfield then Snorkel	Snorkel UK	0191 4871311	www.snorkellifts.co.uk
Condor	Part of Time International	Versalift UK	01536 721010	www.versalift.co.uk
Coles	Absorbed by Grove	Manitowoc UK	01895 430053	www.manitowoc.com
CTT - Compact Truck	Company liquidated	JT Cranes	01767 677155	www.jtcranes.co.uk
Esda Fahrzeugwerke	Closed due to insolvency	Closed due to insolvency	Closed due to insolvency	Closed due to insolvency
Falck Schmidt	Acquired by TCA Lift	Urban Access	01202 593411	www.urban-access.co.uk
Gradall Telehandlers	Absorbed into JLG	JLG Industries UK	01616 541000	www.jlg.com
Grove Manlift	Acquired by JLG	MinnPar	+1 6123 790606	www.minnpar.com
Iron Fairy	Jones Cranes Ltd	Jones Cranes Ltd	01273 494020	www.jonescranes.co.uk
Jones	Jones Cranes Ltd	Jones Cranes Ltd	01273 494020	www.jonescranes.co.uk
Kesla	Aerial lifts acquired by Nostolift	AJ Access Ltd	01291 423930	www.accessplatforms.com
Lionlift	Absorbed into PC Produzioni	PC Produzioni	+39 3387 674786	www.manotti.eu
Luna	Company liquidated	Luna	+34 974 21 10 20	www.lunaei.es
Pinguely	Haulotte Group	Haulotte UK	01952 292753	www.haulotte.co.uk
RAM	Acquired by Ruthmann	Access Sales International	08718 714284	www.asonline.co.uk
Simon	Self-Propelled business acquired by Terex	Genie UK	01476 584333	www.genielift.co.uk
SkyHigh	Acquired by Servi-Tec	Holland Lift	+31 2292 85555	www.hollandlift.com
Strato Lift	Closed	MinnPar	+1 612 379 0606	www.minnpar.com
SUP Elefant	Rebranded as CMC	Spiderlift	08702 255554	www.spiderlift.co.uk
UpRight	Rebranded as Snorkel	Snorkel UK	0845 1550 057	www.snorkellifts.co.uk

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LIFTING GEAR

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Al-Vac	Denmark	Al-vec UK	08702 418772	Al-vec UK	+44 8702 418772	www.al-vac.co.uk
Baltrotors	Latvia	Approved Hydraulics	0854 4770 7969	Approved Hydraulics	+44 854 4770 7969	www.approvedhydraulics.co.uk
Bakker Hydraulic	Holland	Approved Hydraulics	0854 4770 7969	Approved Hydraulics	+44 854 4770 7969	www.approvedhydraulics.co.uk
Conquip	UK	Conquip	0845 520 1102	Conquip	+44 0845 520 1102	www.cqgroup.com
Enerpac	USA	Enerpac	01215 050787	Enerpac	+44 1215 050787	www.enerpac.com
Netherpex	Netherlands	Enerpac	01215 050787	Enerpac	+44 1215 050787	www.enerpac.com
Lift Systems	USA	Claxton International	01244 661000	Claxton International	+44 1244 661000	www.claxtoninternational.co.uk
Modulift	UK	Modulift UK	01202 621511	Modulift UK	+44 1202 621511	www.modulift.com
Probst	UK	Probst Handling Equipment	01939 235325	Probst Handling Equipment	+44 1939 235325	www.probst-handling.co.uk
Scanlift	UK	Scanlift	01206 396111	CMH	04587 6225	www.scanlift.co.uk
Smartlift	Denmark	Central Platform Services	01977 643 595	Central Platform Services	+44 1977 643595	www.cpslift.com
Sumner	USA	Sumner Lift UK	01905 458333	Sumner Lift UK	+44 1905 458333	www.sumner.com
Unitex	USA	Ridge Gear	01538 384108	Ridge Gear	+44 1538 384108	www.ridgegear.com
Wienold Lift	Germany	APS	01480 891251	APS	+44 1480 891251	www.iapsgroup.com
Winlet	Denmark	Hird	01482 227333	Hird	+44 1482 227333	www.hird.co.uk/winlet

TELEHANDLERS

Manufacturer	Production Base	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
Ausa	Spain	Ausa UK	07970 639988	Ausa UK	+44 7970 639988	www.ausa.com
Bobcat	France	Bobcat UK	01942 266880	Montana Plant Sales	01401 8844	www.bobcat.eu
Case	Italy	Case Construction	01302 802802	Case Construction	+44 1302 802802	www.casece.com
Caterpillar	Belgium	Finning UK	01530 249605	Finning Ireland	01464 3500	www.finning.co.uk
Claas	Germany	Claas UK	01284 763100	Claas UK	+44 1284 763100	www.claas.com
Deutz	Belgium	Deutz AG	01543 438900	Deutz AG	+44 1543 438900	www.deutz-fahr.com
Dieci	Italy	Dieci Telehandlers UK	01258 817997	Alan Milne Tractors	01 6644 111	www.dieci-telehandlers.co.uk
Doosan	France	Bobcat UK	020 87230161	Montana Plant Sales	01401 8844	www.bobcat.eu
Faresin	Italy	Metcalfe's Ag. Engineers	01995 61166	Philip P. McCormack Plant	+353 45 868 457	www.metcalfesagri.co.uk
Genie	Holland/USA	TDL Equipment	08444 99 44 99	TDL Equipment	+44 8444 994499	www.tdlequipment.com
Giant	Italy	Purcell Plant	+353 45 859 916	Purcell Plant	+353 45 859 916	www.tobroco.nl
Giraf Track	Belgium	UNIC Cranes Europe	01844 202071	GGR Group	+44 1844 202071	www.uniccranes.com
Haulotte	France	Haulotte UK	01952 292753	Haulotte UK	+44 1952 292753	www.haulotte.co.uk
Jakob Fahrzeugbau	Switzerland	Not Distributed	+41 71 411 67 60	Not Distributed	+41 71 411 67 60	www.jakobfahrzeugbau.ch
JCB	UK	JCB	01889 590312	JCB	+44 1889 590312	www.jcb.co.uk
JLG	Belgium	JLG Industries UK	01616 541000	JLG Industries UK	+44 1616 541000	www.jlg.com
Kramer	Germany	Kevin Walker	01845 577832	Claas UK	+44 1284 763100	www.kramerrad.co.uk
Landini	Italy	Agriargo UK	01302 757550	D&S Machinery	01450 7377	www.agriargouk.com
Liebherr	Austria	Liebherr GB	01767 602100	Liebherr GB	0458 76 50	www.liebherr.co.uk
Lull	USA	JLG Industries UK	01616 541000	JLG Industries UK	+44 1616 541000	www.jlg.com
Magni	Italy	Magni Industries	08442 645900	Magni Industries	+44 8442 645900	www.magnith.com
Manitex (Lowry)	Canada	Pooler LMT	01952 770189	Pooler LMT	+44 1952 770189	www.pooler-lmt.com
Manitou	France	Manitou UK	01202 825331	Manitou UK	+44 1202 825331	www.uk.manitou.com
Merlo	Italy	Merlo UK	01425 480806	Merlo UK	+44 1425 480806	www.merlo.co.uk
MST	Turkey	Direct	+902 1645 30400	Direct	+902 1645 30400	www.mst-tr.com
MultiOne	UK	Ranger Equipment	0870 225 5554	Ranger Equipment	+44 870 225 5554	www.spiderlift.co.uk
Neuson Kramer	Germany	Kevin Walker	01845 577832	Claas UK	+44 1284 763100	www.kramerrad.co.uk
New Holland	Italy	New Holland Construction	01268 292423	New Holland Construction	+44 1268 292423	www.newholland.com
Pettibone	USA	Direct	+1 800 467 3884	Direct	+1 800 467 3884	www.gopettibone.com
Saez	Spain	Direct	+90216 577 75 55	Direct	+90216 577 75 55	www.saezkulevincleri.com
Sennebogen	Germany	EH Hassell & Sons	01782 644299	MAC Machinery	+353 7491 56708	www.hassells.com
Skytrak	USA	JLG Industries UK	01616 541000	JLG Industries UK	+44 1616 541000	www.jlg.com
Snorkel	UK/USA	Snorkel UK	0845 1550 057	Snorkel	+44 844 1550 057	www.snorkellifts.co.uk
Terex	Italy	TDL Equipment	08444 994499	TDL Equipment	+44 8444 994499	www.tdlequipment.com
VersaLift	USA	Pooler LMT	01952 770189	Pooler LMT	+44 1952 770189	www.pooler-lmt.com
VHS Manirail	Holland	Direct	+31 4973 31033	Direct	+31 4973 31033	www.vhsbladel.nl
Wacker Neuson	Germany	Wacker Neuson	01785 785700	Ferrybridge	0514 45834	www.wackerneuson.co.uk
XCMG	China	Direct	0086 516 87739218	Direct	0086 516 87739218	www.xcmg.com
Xtreme	USA	Snorkel UK	0845 1400 758	Snorkel	+44 845 1400 758	www.snorkellifts.co.uk



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COMPONENTS ACCESSORIES & PARTS

Manufacturer	UK Distributor	UK Telephone	Ireland Distributor	Ireland Telephone	Website
3B6	3B6 UK	01482 227333	3B6 UK	+44 1482 227333	www.hird.co.uk/3b6
AGS	Falcon Crane	01362 821048	Casey Group	04548 5240	www.falcon-crane-sales-hire-uk.com
Air-Seal Products	Direct	01823 674411	Direct	+44 1823 674411	www.air-sealproducts.com
AltarnaMATS	GreenTek	01132 677000	GreenTek	+44 1132 677000	www.greensward.co.uk
Aluexbeams	Direct	+358 2 880 3000	Direct	+358 2 880 3000	www.aluexbeams.com
Amber Valley Devel	Direct	0116 240 2968	Direct	+44 1162 402968	www.amber-valley.co.uk
Ashtree Glass	Direct	01274 546732	Direct	+44 1274 546732	www.ashtreeglass.co.uk
Autec	Wanted	+39 0444 901000	Wanted	+39 0444 901000	www.autesafety.com
Ascorel	Direct	+1 877 717 2253	Direct	+1 877 717 2253	www.ascorel.com
Boscaro	Wanted	+39 444 866 520	Wanted	+39 444 866 520	www.boscaroitalia.com
BFL Alimats	Alimats	01335 345111	Alimats	+44 1335 345111	www.craneriggermats.co.uk
BPE	IFCOM UK	01236 770033	IFCOM UK	+44 1636 676794	www.bpe.it
Braden Winch	Koppen & Lethem	01636 676794	Koppen & Lethem	+44 1636 676794	www.koppen-lethem.co.uk
Butti Lifting Equipment	Direct	+035 787300	Direct	+035 787300	www.butti.it
Carl Stahl Evita	Carl Stahl Evita	0845 226 0819	Carl Stahl Evita	+44 845 226 0819	www.carlstahllevita.co.uk
Casar Pfeifer	Pfeifer Drako	01270 587728	Wire Ropes	0404 67375	www.pfeifer.co.uk
Cautrac	Direct	01206 273111	Direct	+44 1206 273111	www.cautrac.com
Cavotec	Cavotec UK	01642 608245	Cavotec UK	+44 1642 608245	www.cavotec.co.uk
Cobo	Hird	01482 227333	Hird	+44 1482 227333	www.peter-hird.co.uk
Cone Drive	Cone Drive UK	07599 516240	Cone Drive UK	+44 7599 516240	www.conedrive.com
Conquip	Conquip	0845 2015030	Conquip	0845 2015030	www.conquipindustrial.com
Crosby	Crosby UK	01226 290516	Crosby UK	+44 1226 240118	www.thecrosbygroup.com
Crown Batteries	Shield Batteries	01279 652067	Shield Batteries	+44 1279 652067	www.shieldbatteries.co.uk
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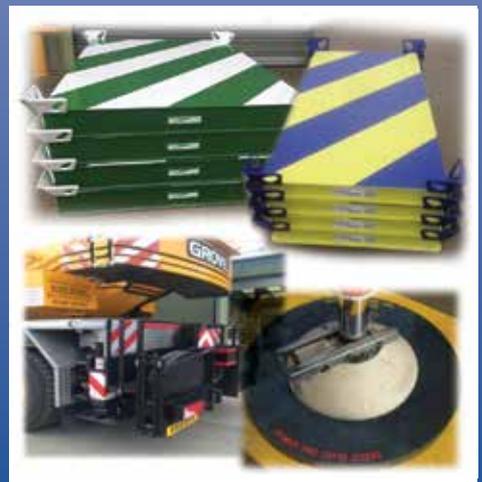


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A Jekko MPK pick and carry crane

The MC 580 features a chunky four section, full power telescopic boom with boom nose mounted hook. The counterweight comprises four sections and an extendible wheelbase for additional capacity and greater stability. It has a fully equipped cab with radio remote joystick controls, a seven inch information screen, front wheel AC direct drive, rear 180 degree steer with counter rotating front wheels, allowing it to rotate on the spot through 360 degrees with full load on the hook. Options include a 30 tonne fork attachment, quick fit front levelling outriggers and a winch.

Reedyk PC4405 and Jekko MPK50

Another new industrial pick & carry crane is the compact Reedyk PC4405 from the Netherlands seen for the first time at Vertikal Days. The unit has been designed with an ATEX option for operating in areas exposed to explosion hazards. Equipped with a lithium ion battery pack, the crane is said to operate emission free for longer than one day on a single charge. The 30 degrees swivel boom assists accurate positioning and the PC4405 comes with a useful pick & carry deck. Maximum capacity is three tonnes, maximum lift height is nine metres with a maximum radius of 5.7 metres. The crane has a one metre overall width and weighs a relatively modest 2.8 tonnes. The

PC4405 has an overall length of just 2.4 metres with an overall height of 1.8 metres.

The PC4405 is a new breed of pick & carry cranes similar to Jekko's remote controlled, battery powered five tonne MPK50 Mini Picker, which offers a 9.5 metre lift height and a maximum radius of 6.2 metres. The MPK50 has an overall width of 1.2 metres and is three metres long. Overall weight is 3,450kg with the option of a 1,000kg counterweight. The Jekko also has a two section manually telescoped jib and offers five degrees of slew either side of centre. A front stabiliser bar can be used to increase stability and lift capacity. The Jekko Mini Pickers are pick & carry self-propelled battery powered electric cranes with radio remote controls. They can also be used with Jekko hydraulic manipulators or vacuum lifters for handling and placing glass panels with options such as winches, jibs, man platforms and lifting beams.

The Hoeflon factor

Another mini crane company based in the Netherlands and making a concerted effort to expand its product line and sales is Hoeflon. Its range now includes four mini cranes including the 600kg capacity mini crawler C1, and three spider cranes - the two tonne C4, the three tonne C6 and the four tonne capacity C10. With the range and sales increasing

C&a industrial lifting



A Hoeflon crane in a tight spot



The latest Versa-Lift 17/25 with moveable rear counterweight

the company is expanding and moving to a new facility.

HD forklift options

Anyone needing an ultra heavy-duty 'lift & shift' forklift cranes will have looked at the Versa-Lift range of machines. The four model range was extended earlier this year with a new smaller model now available. The 17/25 uses a slightly different design which combines the wheelbase of a 6.8 tonne solid tyre forklift with a moveable counterweight that extends to the rear by 914mm, rather than the whole frame extending as is the case with the rest of its range. Maximum capacity is 11.3 tonnes and the three section mast gives a 3.7 metre lift height on the forks, which increases to just under seven metres when using the optional

boom attachment. Overall weight of the 17/25 is 13.6 tonnes.

Skid steer crane attachment

Other weird and wonderful lifting devices include the SkidCrane. Perhaps not primarily aimed at the industrial lifting market, it is an attachment that converts a skid steer loader into a unit capable of lifting up to 2.3 tonnes and up to 13.1 metres. The SkidCrane is a compact hydraulically controlled crane attachment that is easy to attach, use and transport and ideal for working in confined spaces particularly on flat hard surfaces. Remote controls are also available.



Earlier this year JMG added the new MC 580 battery operated electric pick & carry crane



Another new industrial pick & carry crane is the compact Reedyk PC4405



The SkidCrane is a compact hydraulically controlled crane attachment for the skid steer loader

Jekko on the move



The 15.5 tonne capacity JF 545

Over the past few years Italian mini and spider crane manufacturer Jekko has been developing at a rapid pace. Cranes & Access caught up with chief executive Diego Tomasella at the opening of a new production hall to learn about the company's latest developments.

Five years ago, Jekko produced just 80 spider cranes a year however with annual growth of around 40 percent it is now forecasting shipments of 250 cranes this year - more than three times as many. However this is set to grow to 400 units a year over the next two years as production is further expanded. A new assembly facility has just opened located five kilometres from its headquarters in Colle Umberto to the north of Treviso, near Venice. Total area is 12,000 square metres - of which 3,900 square metres is covered - while much of the rest includes a large concrete yard. The old facility has been retained and is now used mainly for fabrication, while the new facility is purely an assembly hall with three production lines. Total investment is around €3 million.

"The new facility allows us to increase production giving flexibility to cope with the increasing orders and improve the quality of the end product, particularly when one model is very much in demand," says Tomasella. "Our new challenge with the rapid expansion of sales is the growth of the support within the company, particularly service and sales staff."

To maintain its growth Jekko has expanded its dealer network to 30 companies around the world, including China, Singapore, South Korea, Mexico, Colombia, the UK, Canada and USA.

With Fassi taking a 33 percent stake in the company last year, there are several interesting new products including the new JF



Diego Tomasella

tracked articulated loader cranes but also new lithium power packs for the spider and mini crawler cranes. However it is the tracked loader crane which the company thinks will be most popular range in five to 10 years time. Three models have been launched - the JF 545, the JF 30 and JF 40.

Largest is the 15.5 tonne capacity JF 545 with a six section main boom and six section jib, giving a maximum capacity of 600kg at 28.1

metres and a maximum lift height with 500kg of 30 metres. In transport mode the unit measures 5.45 metres long, 1.84 metres wide and 2.75 metres high, and weighs 15 tonnes. Outrigger spread is 6.7 metres square and the JF 545 offers a maximum radius of 10 metres at an up and over height of 18 metres. Power is supplied by a Kubota diesel, while options include an auxiliary electric motor, non-marking tracks and a two person 200kg platform with a 31.5 metre working height. Jekko says it has already booked 15 orders for the new JF 545's.

The other two tracked articulated loader cranes include the JF30 and JF40 which are similar in that they have maximum heights of eight and 8.1 metres and a maximum radius off 6.8 metres. Physically similar in size, the JF30 only has a lift capacity of 995kg so does not require a load moment limiter using a lift limiter on the winch. The JF40 has a maximum lift capacity of 2,500kg. Options on both include a 600kg capacity winch, electric power pack and remote control with two manual extensions on the JF30 and a single extension

on the JF40. The JF 30 has an outrigger spread of 3.4 metres and weighs 1,400kg whereas the JF 40 has a four metre square spread and weighs 1,600kg. Both have a 2.4kph travel speed and gradeability of 20 degrees.

"Jekko will not rank among the top two mini crane companies in the coming years, but we can keep pace with the competition," says Tomasella. "Our goal has always been to come up with new ideas for the market. In a conservative market the smaller cranes can open doors."

New developments include a new colour scheme and decals from next year, the launch of a new MPK05, a new hydraulic jib for the SPX312 and a new nine tonne capacity SPK90 - the big brother of the SPK60.



There are plans for a new nine tonne capacity SPK90 - the big brother of this SPK60



Jekko's new facility will help boost production to 400 units per year over the next two years

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Rental software-keep it simple



When you speak to many rental companies or most small non-IT companies for that matter about the software they use to run their businesses, there is a tendency for eyes to glaze over. This is completely different to a conversation you might have on the latest equipment they have bought, or on how the business is going. It is not always the case of course, some companies are run by accountants who know how good accounting software improves company performance in terms of generating business information and in simplifying and speeding up the routine book keeping duties.

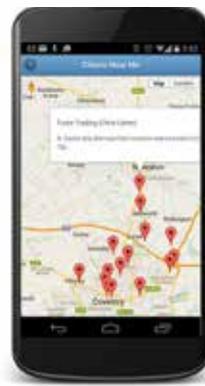
When it comes to rental system software the reactions are more mixed, with even some of the most hands-on equipment lovers really appreciating the benefits that good rental software can bring.

Much of this is down to the highly competitive market among rental software providers - particularly in the UK - where it appears to have spawned a good number of companies that serve small to medium sized businesses around the world. Companies such as Higher Concept - recently acquired by US-based Point of Rental - with its Syrinx system, or inspHire, Jarma and MCS to name some of the principle players.

What is it and who should use it?

It would appear that rental software is beneficial for everyone from a one-man band right through to large conglomerates with tens of thousands of machines. For most software companies, their biggest customer is the construction sector but there are also significant numbers of access, audio visual, oil and gas, lighting, events and crane rental users as well. As can be seen in one of the top tips (number 4 - Don't fall into the bespoke trap) most crane and access rental companies will be able to use the off-the-shelf software reducing the cost of any expensive customisations. inspHire

for example has three off-the-shelf products - Express, Office and Corporate - which are scalable as the business grows from a single depot with one or two people accessing the system, through multi depot operations and up to 100 company users to a package that works across numerous countries and has up to more than 1,000 system log-on points.



Rental software can allow companies to be more efficient, increase utilisation and improve customer service by being able to keep track of every aspect of the rental item as well doing the core hire functions, producing key documents from quotes, delivery notes and contracts to damage notification and invoicing. Integrated Customer Relationship Management (CRM) modules also allows the company to track prospects, calls and meetings to updating sales forecasts both in the office and in the field.

Tail wagging the dog

One problem that all too often arises, especially with large corporate systems, is that employees end up serving the software/system, rather than the system serving the company and its employees. Or you end up with a system that requires too much training and it is not universally used, with staff keeping data on their own systems. For example at the Vertikal Press we

use a programme that was clearly designed for major multinationals with IT departments. When it was implemented 18 or so years ago, it was one of the few programmes that was multi-lingual, multi-currency and could handle VAT and other tax issues across Europe - essential for a company with operations in more than one country. However with no IT department and not even a dedicated IT person, it has been a struggle as it is not intuitive and all changes need specialist programming. While it has improved a little over the years it still seems cumbersome. However the thought of changing to a new system while doing our day jobs is the stuff of nightmares.

Easy software switching

The world is littered with companies and organisations that have suffered after switching to a new system with cost overruns and severe disruption not unusual. However these days that appears to be limited to the larger customised systems. All the software suppliers we have mentioned so far claim that their systems are simple and easy to install and are intuitive to anyone who regularly uses a PC. One of the benefits of these systems is that they tend to leave the accounting to





the accounting software specialists, such as Sage, QuickBooks and Xero which are well proven and familiar to a large number of employees. The rental software simply integrates with the standard off-the-shelf accounting package. This also allows the rental software suppliers to focus on streamlining rental operations and adding features that will delight rental company customers.

The fact that most rental software links to the accounting system has made switching between suppliers a practical option however not something you want to do if you can help it. This facility has enabled a highly competitive market to emerge which has spurred



rapid development and innovation, as the main suppliers try and keep one step ahead of the competition. But equally important is the support available in terms of assistance when a problem is encountered, a small addition is required or simply for employee training to ensure that the company gets the most out of the system it has purchased.

While the driving force behind the rapid adoption of rental software has been the ability to manage thousands of individual assets and improve efficiency and provide management information, regulation is increasingly playing a role. Systems now allow real-time addition of inspection sheets, hand over documents and acknowledgement of hand-over familiarisation instruction etc... It can also keep track of employee training, highlighting when any certification might need renewing.

Some of the most recent progress has been made interfacing with vehicle tracking systems allowing the end customer to see where his machine is with real time updates of estimated arrival times on site. For the company it can also see where its mechanics or salesmen are, should an urgent request come in. So far only a few companies are using the power of the

latest systems to the maximum, but the benefits for those who do are substantial and allow a small company to keep up or out manoeuvre industry giants with their mega-expensive integrated systems, which can be slow to update and rarely suit all areas of the company. It would appear that the latest stock systems have the users in mind and have not been structured to suit just the accounting and senior management team.

According to Jordan Thompson, hire software manager at Jaama, it is critical that rental companies utilise technology to maximise and grow their business potential, starting with a complete audit trail that clearly identifies all legislative compliance requirements are up to date, the exact location of all equipment in terms of who the customer is and a full history of all assets to maximise stock utilisation. "Without that information businesses will become inefficient and potentially lose money because they will not be maximising opportunities," she says. "What's more, companies could be investing in equipment that is rarely out of the yard rather than purchasing additional machines that are in demand."

But where is it all going?

Latest developments are concentrating on the addition of



machine telematics and a move from a Windows to a Cloud based system, allowing people to move away from the old server systems. Off the shelf systems for crane rental companies can also be tricky and may need a little more customisation so that they include lift plan drawings and other relevant documents. Companies that want to fully include workshop costs - including the cost of every nut and bolt used - also may need software customisation however the company must be fully committed to going down this path as this level of information and therefore systems required is a big step-up from the regular rental software.



10 tips for selecting rental software

1. Ensure software is future-proof

The rental industry is continually evolving and so should rental software. A software provider must be able to deliver a sophisticated, modern, online system and be fully focused on continuous product development and functionality improvements.

2. Develop a partnership

Acquiring a rental management software system is not like buying a tin of beans off a supermarket shelf. You should feel comfortable and able to form a long-term business partnership with a chosen supplier to maximise operating efficiencies and support.

3. Customer testimonials

Do not buy a software system in the hope that it might do the job. Contact existing users of the system that you are considering, talk to them about the benefits and if possible visit their offices to see the system operating in a real-world environment.

4. Don't fall into the bespoke trap

Select a standard software system that can accommodate upgrades and new functionality from your chosen provider. If special requirements

must be met, your software provider should be able to develop suitable modules to be added to the system relatively quickly and without charging a 'king's ransom'. Bespoke system restricts future developments.

5. Future business requirements

Try to anticipate the long-term requirements of your software system and do not simply focus on today's asset allocations. Just as technology evolves so do organisations, thus selecting the 'right' rental management system capable of reflecting future strategic change is critical.

6. Key objectives before 'bells and whistles'

Establish the business objectives that you want to achieve with your chosen hire management system. Too often decision-makers are wowed by the 'bells and whistles' offered by the technology without consideration as to whether key objectives are met.

7. Keep an open-mind

In establishing your immediate business objectives keep an open mind as to how additional modules in the system - and future developments - may further improve hire operations and administration.

A good example is operator and cost centre management.

8. Management information access

Entering data into a hire management software system is one thing, but accessing it easily, effectively and efficiently is a different matter. Therefore, ensure that a system has a good report writer that enables data to be swiftly obtained for analysis and comprehensive report compilation, without being an IT specialist.

9. Provider experience

Investigate the reputation and experience of your chosen software supplier. Analyse its existing customer portfolio and talk to existing system users, read case studies and press comments and check if the company has gained any independent recognition.

10. Supplier viability

Select a software partner that is fully focused on rental management system development, supply and aftersales support and is not a 'bit part' provider. Additionally, investigate the long-term viability of your preferred partner.

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Hoogwerkservice case study

Dutch rental company Hoogwerkservice is a family-owned business offering a range of cranes and aerial work platforms largely serving the construction sector from two locations in Hardinxveld-Giessendam near Dordrecht and Buren between Utrecht and Arnhem. It took the decision to replace its dated rental management system as it was unable to produce accurate, reliable stock levels and because the software company was not keeping pace with other suppliers to the rental industry.

After reviewing the market it chose the MCS-rm rental management software, believing it to be the most future-proof solution, coded in the latest Microsoft technology and SQL database. It also liked the fact that MCS has more than 30 years experience in the rental industry and seemed to have a flexible approach to problem solving.

Better understanding of return on investment

With its new system the company can now see up to date and accurate information on each asset - which not only includes cranes, telehandlers and aerial work platforms, but also alloy scaffold towers and glass handling attachments - as well as being able to share current machine availability with the hire desk.

"We now have complete visibility of our entire rental and sales inventory. We can track each machine throughout its lifecycle and know where it has been, what revenue it

has earned and how much it has cost us, all at the touch of a button. Knowing this information helps us to choose more wisely in which machines to invest."

Hoogwerkservice also sells equipment and offers third party service and maintenance as well as looking after its own machines. It now works with the MCS-rm workshop feature allowing it to monitor all costs associated with customer machine repairs, as well as ensuring that it keeps its rental equipment fully maintained with all relevant inspections and tests carried out.

Customer service improvements

Hoogwerkservice also says it has seen significant improvements in its internal sales process which has enabled it to provide improved customer service. Its MCS-rm rental software includes a CRM solution which links into its accounting system AFAS, for a full visibility of client status and history.



The six person sales team can access customer or prospect information on their mobile devices using CRM Mobile wherever they are, helping them improve productivity, provide a better service and be less office dependent, with all the relevant information at their fingertips. At the same time all hire and sales quotations are followed up automatically. As each quote is created, an 'action' can be scheduled as a reminder for anyone in the business to do something. This was previously a hit or miss affair, as it relied on a combination of individuals using an old CRM solution and manually creating Outlook call reminders separately. "The system has allowed our sales people to be far more organised and timely in making their follow-up calls for a quotation. We can see just how many quotes have been converted

into contracts and which ones are outstanding."

Mobile devices are also being used in the warehouse with electronic pick lists. "When we send a machine out to a customer, the warehouse picker can occasionally get the serial number wrong so the wrong machine goes out. MCS Picking Mobile is making a big difference to the accuracy and improving reliability and efficiency."

In summary

The company says that as a result of its new software it has become more 'agile' and that the most significant benefits include being able to control and monitor its entire inventory of rental assets as well as machine sales, better understand its customers' needs with a consolidated view of all customer interactions, order history and financial data.

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A large photograph of the Tower Bridge in London, illuminated at sunset. The bridge's towers and suspension cables are silhouetted against a golden sky. In the foreground, several tower cranes are visible on a construction site.

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A photograph showing a yellow tower crane on a construction site. The crane's lattice structure is prominent, and it is set against a clear blue sky.

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Funding for Tower Crane & Hoist Installer assessors

There is currently a lack of assessors for the Tower Crane Installer Training and Construction Hoist Installer accreditation. This has meant that some installers have found it difficult to gain NVQ or SVQ qualifications in these disciplines. Furthermore, as the Construction Skills Certification Scheme (CSCS) has withdrawn the Construction Related Occupation (CRO) card, this will make it even more difficult to get onto site. CSCS stopped issuing CRO cards from 31st March and all cards issued since 1st October 2015 will expire on 30th September 2017.

To help address the current problem of a lack of assessors, the CPA has secured CITB funding to support members of the workforce to become assessors. The CITB will fund the training of assessors and will ensure that participants are supported by both the CITB and the awarding organisation to achieve the assessor qualification. Funding is also available to help installers achieve an NVQ qualification at level 2 or 3.

E-mail kevin.minton@cpa.uk.net if you are interested in this programme.



Lifting operations with excavators

The Strategic Forum for Construction Plant Safety Group is updating the guidance for lifting operations using excavators - originally released in 2007. The updated guidance focuses on the planning and supervision requirements for lifting operations using excavators, supported by a flowchart which introduces a hierarchy and sequence to the planning process. This includes machine selection, roles and responsibilities, required competencies and monitoring frequencies of the operation. A section on the specific issues relating to 180 and 360 degree excavators and lifting has been added, covering factors that affect stability, ground conditions, and the use of fork attachments and tilt-rotators. A number of case studies are included that illustrate the changing environmental and load complexity which determines the classification of a lifting activity into a basic, intermediate or complex operation.

Over 100 comments to the draft guidance were submitted during the consultation

period which closed last month. Many of them relating to easily resolved grammatical or technical inaccuracies, the remaining comments will be discussed and resolved by the working group at its next meeting. The finished document should be available as a free download from the CPA website by early autumn.



Haydn Steele retires

Haydn Steele, CPA's safety and training manager has retired. For many CPA members and for those across the industry, Haydn has been a high profile character and a key contact in the 16 years he has worked for the organisation. He joined the CPA from the Royal Air Force, bringing with him a strong background in training and health and safety. Since then he has made a significant contribution to training and safety for CPA members and helped many with advice on these issues, and was the main link between the CPA and CITB, not afraid to challenge them on numerous occasions to ensure that the needs of CPA members and the industry were met.

Among his many functions he chaired the CITB Health & Safety Test Questions Sub-committee, represented CPA interests on the CPCS Management Committee, managed and administered CPA Special Interest Groups, played a significant part in developing the European Crane Operator's Licence in co-operation with other European countries, and administered the Training of Plant in Construction group which encompasses the recent introduction of the Trailblazer apprenticeships.

Members who have visited the CPA at trade shows over the years may not be aware that he was the driving force in organising the CPA stands, along with other activities such as the CPA Golf Day, and most importantly setting up and organising the 'Stars of the Future' apprenticeship awards, for which his hosting expertise on stage will always be memorable.

Chief executive Colin Wood said: "We are sad to lose Haydn but understand the reasons for his departure, he has certainly left his legacy and a hard act to follow and his character and achievements will be noted for many years to come. We wish him all the best in the future."

Steele himself added: "The time has come for me to retire due to health issues from which I can now put my feet up and relax...some would say I've been relaxed enough during the past 16 years! It's been a privilege and pleasure to have worked with members and industry at the CPA. Much has changed during this time, mainly for the good and I hope my time spent with the CPA has been appreciated, having done the best for the members and industry in general. I will miss the interaction with everyone and wish you all a very prosperous and healthy future."

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CPD IS LIVE: TWO DAY MANDATORY CPD COURSES PRIOR TO RENEWAL OF SCAFFOLDING CARDS

"HSE welcomes the introduction of this into the CISRS scheme... it will have a positive effect, particularly for those who may not have received any formal training for years."
 Ray Cooke, Head of Construction Sector Safety Unit, HSE

For further information go to:
www.cisrs.org.uk

CISRS
 CONSTRUCTION INDUSTRY
 SCAFFOLDERS RECORD SCHEME

NASC Issues updated Health and Safety Guidance

The NASC has recently published the following Health & Safety updated guidance titles.

SG2:17 Asbestos Licences and Ancillary Work involving the Scaffolding Contractor
SG8:17 Reporting of Accidents Procedures and RIDDOR
SG13:17 Health Surveillance in Scaffolding
SG15:17 Drugs and Alcohol at Work
SG19:17 A Guide to Formulating a Rescue Plan
SG21:17 Entry into Confined Spaces
SG22:17 Induction Training
SG30:17 Management of Road Haulage for the Scaffolding Contractor
SG32:17 Provision of Extended and Telescopic Transoms and Board Brackets
SG34:17 Guidance on Protection of the Public

NASC Health and Safety Committee chairman Adrian Rooney said: "NASC member representatives work tirelessly to develop and refine a comprehensive range of guidance to support the members in their day to day scaffolding contracting requirements. Iconic titles such as SG4 and TG20 are supplemented by a range of lesser known but no less worthy titles, all of which play an important part in raising



standards across the sector." Non-members wishing to purchase copies of these - and other - guidance titles may order them directly from the NASC website or alternatively by emailing: sales@nasc.org.uk

CISRS NEWS

CISRS CPD Courses Go Live 1st July 2017

CISRS Continuing Professional Development (CPD) courses went live on July 1st - making it a mandatory requirement to attend a two-day course at an approved training provider prior to scaffolder or advanced scaffolder card renewal.

The introduction of the new CPD courses is designed to ensure that all card holding scaffolders and advanced scaffolders are kept up to date with the latest legislation and industry guidance, and maintain the highest possible standards of scaffolding safety.

Ray Cooke the head of the Health & Safety Executive's Construction Sector Safety Unit said: "HSE Inspectors come across scaffolders on site who are not up to date on current accepted practices with respect to safe erection and dismantling of scaffolding. This is an issue that is easily resolved through CPD, and the HSE welcomes the introduction of this into the CISRS scheme."

"After some initial scepticism 'it's a money-making venture' and 'I've been doing this 30 years' etc. the majority of the industry are now behind the introduction of the courses and recognise it's about raising standards. CISRS are confident it will only serve to strengthen safety and knowledge and help raise the reputation of the trade," added CISRS scheme manager Dave Mosley.

The majority of the course content will be the same for both scaffolders and advanced scaffolders - with the main difference being the scaffold structures used for the practical inspection sessions.

Course content includes:

- SG4:15 - Inclusive of SG19 and harness training.
- TG20:13 - Inclusive of masonry anchors.
- General scaffolding knowledge testing.
- RAMS.
- SG6 - Manual handling, inclusive of ropes and wheels and knots.
- MATS.
- Trends in accidents and reporting accidents.
- Impact wrenches.
- Vehicles.
- Communication - Inclusive of scaffolder responsibilities and behaviour.
- Edge protection and roof works.
- Drugs and alcohol.
- PPE - Responsibilities of employer.
- Incomplete scaffolds - Inclusive of signage and access.
- System scaffold awareness.
- Protection of the public.
- Health, Safety & Behavioural Test.

Mosley added: "We really feel that the introduction of CPD is right for the scheme and the industry... and we will be on hand to support the scaffolding community through these changes."



CISRS NASC announces support for members as CPD approaches

The NASC has set aside an initial sum of £30,000 to assist members with CPD training - enabling those who qualify to make a payment of £125 each to 240 operatives working for NASC member companies, with a further £20,000 ring-fenced to assist a further 160.

NASC president Alan Lilley of Commercial Scaffolding in Hull said "The Confederation fully supports the introduction of the CISRS CPD requirement prior to card renewal. We see the benefits it will bring to the scheme, the individual card holder and their employers. We do realise however, that as with all training these benefits do not come without costs. As such NASC is looking to reinvest a substantial amount of money into NASC member companies who support their employees through this process and meet the costs of the CISRS CPD training."

CISRS scheme manager Dave Mosley added: "It's great to see the level of financial support NASC is willing to make available to assist its membership with a possible figure of £50,000 and I hope I can convince them to consider further funding in 2018."

Further information will be disseminated via participating CISRS Training Providers.



CPD

NASC

Established in 1945 NASC is the national trade body for access and scaffolding in the UK serving over 230 leading contractors and scaffolding manufacturers. www.nasc.org.uk

CISRS

Established in the 1960s, CISRS is the industry scaffold training scheme with 60,000+ UK card holders & 4,500+ Overseas. www.cisrs.org.uk



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Membership Event update

ALLMI has announced the full details for its Membership Event 2017, which takes place on 11th October in Meriden. At what promises to be the largest to date, the industry wide gathering will commence with a working lunch before moving on to separate meetings for each of the divisions within the association. The afternoon session will conclude with all delegates coming together to hear from guest speaker, Perry McCarthy. As an ex Formula 1 driver and the original 'Stig' from TV's Top Gear, Perry will share his experiences from the field of motor racing and his time spent on one of the world's most popular television programmes. His speech will be followed by an evening function consisting of dinner and light entertainment, providing a relaxed and informal environment to facilitate networking opportunities.

ALLMI chairman, Mark Rigby said: "This event is yet another positive development in ALLMI's ongoing efforts to effectively engage with members. As always, both meetings will contain comprehensive updates on important industry issues, as well as several major projects being undertaken throughout this year. Delegates will also break up into Discussion Groups, a format which was a big success in 2016 as it facilitates excellent levels of lively and constructive debate. In addition, we're looking forward to providing another social event in the evening, which presents a great networking opportunity for members and which will be made all the more enjoyable by live music from pianist, Carl Lewis, as well as a set from leading stand-up comedian, Jed Stone, who will also act as compère for the night. A number of important, but light-hearted activities will also raise funds for the Lighthouse Club."

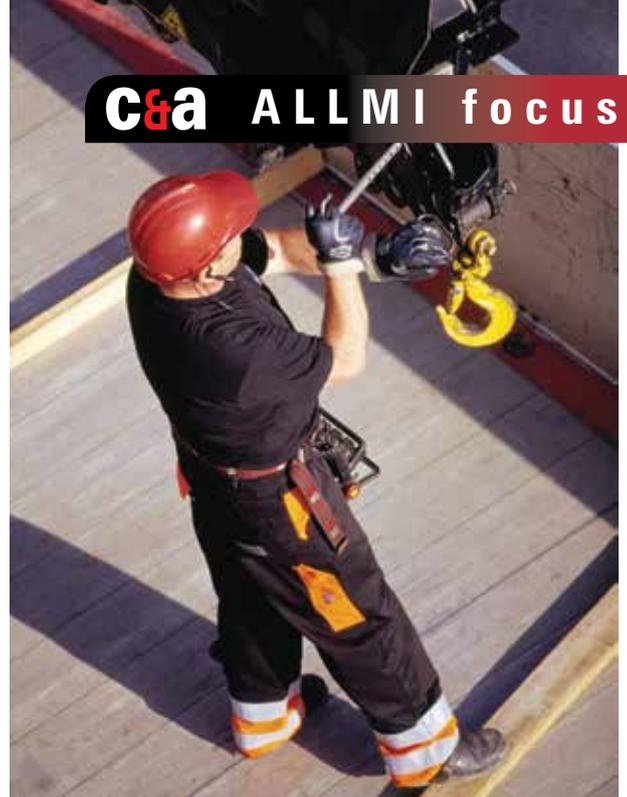


Look out for further updates or contact ALLMI if you require additional information in the meantime.

ALLMI celebrates 40 years in 2018

In 2018, ALLMI will celebrate the 40th anniversary of its formation. ALLMI chief executive Tom Wakefield said: "We are obviously very keen to promote this landmark and to find numerous ways to commemorate the association's 40 years of service to the lorry loader industry. Whilst the matter has of course been discussed with the board and membership, we would also like to involve the wider industry and would be pleased to hear any suggestions as to how the anniversary might be celebrated. We would also be interested in receiving information and memorabilia (e.g. photographs, documentation etc...), which could be used or referred to when chronicling the history of the industry."

"We would like to thank our members for their support and involvement over the years, which has been fundamental to ALLMI's development. What started as a small, dedicated group of manufacturers and importers in 1978 has developed into a dynamic trade association and leading standard setting body for the lorry loader industry, with around 200 members and training many thousands of people a year. We look forward to celebrating and raising awareness of these achievements in 2018, as well as our commitment to further progress."



C&A ALLMI focus

Guidance under development

ALLMI is continually looking to build on its already extensive library of Guidance Notes and currently has two further documents under development, covering lone working and on-site risk assessments/behaviour.

Technical manager, Keith Silvester said: "These key topics were debated as part of our Membership Event discussion groups last year, which revealed a genuine appetite for some documented guidance to be developed. As a result, we have reviewed the subjects in conjunction with the relevant ALLMI committees and have now reached the drafting stage. Lone working is obviously an extremely broad subject, so we are focusing mainly on lorry loader operators carrying out one man operations, the inherent risks involved in doing so and any safeguards or procedures that companies should be implementing. For on-site risk assessments and behaviour, the Guidance Note will be aimed at service engineers, providing both them and their employers with valuable points to consider, as well as template documentation to use."

Should you wish to contribute ideas or suggestions on the above subjects, please contact ALLMI.

Smartphone App update

ALLMI's smartphone App is one step closer to completion, having successfully concluded its final beta testing phase. The process has been extremely positive, with users impressed by both the functionality and design of the App. They also provided some helpful suggestions as to how it could be further developed. As a result, several final stage changes are being made, with a firm launch schedule to be announced shortly.



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New audit regime for UK rental members

IPAF has announced a new more stringent vetting and auditing process for UK rental company members, following a resolution of IPAF's UK Country Council that was ratified at the federation's annual general meeting earlier this year.

From September all IPAF's current and prospective rental company members will begin the process of submitting to the new annual audit procedure and on successful completion of the process will be accorded IPAF Rental+ status. The accreditation will be maintained through annual onsite audits. The existing Rental+ scheme will be modified to include bronze, silver or gold accreditation, dependent on meeting key criteria during the audit process. IPAF Rental + also automatically includes the Safety Schemes In Procurement (SSIP) status under the new system.

Chief executive Tim Whiteman said: "This is a really positive evolution of IPAF membership for rental firms in the UK. It is important to note that the change was driven from within. It reflects our members' desire that end users should have the utmost confidence that using an IPAF member company is the best guarantee of receiving the highest possible levels of safety, expertise and customer service."

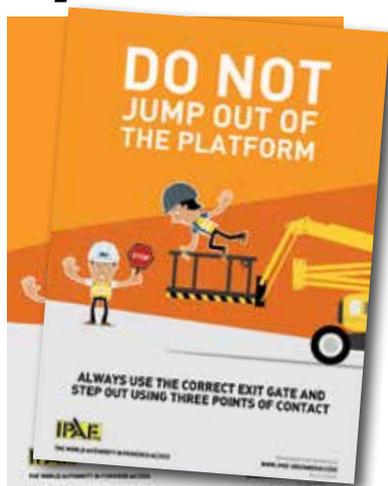
The new audit regime will begin this year, with existing rental members having until September 2019 to comply. The audit is designed to provide a management tool to signpost where and how businesses can improve their health & safety, quality and environmental performance, add recognised value and reduce time and cost spent completing other pre-qualifying questionnaires. It also supports or leads to ISO9001, 14001 and 18001 certification. The IPAF Rental+ accreditation remains open to IPAF members internationally.



IPAF's UK auditors will roll out the new accreditation regime from September 2017.

More Andy Access posters

Three new posters in the Andy Access safety series are now available: "Danger, keep well clear", "Do not jump out of the platform" and "Register pre-owned machines". The posters are available to download now in all main IPAF languages at www.ipaf.org/andyaccess



RoSPA Guardian Angel Award presentation

IPAF technical & safety executive Chris Wraith has received his Guardian Angel award from the Royal Society for the Prevention of Accidents for his work in raising safety standards and highlighting risk in the powered access industry. (See P65 of C&A June).

He has also confirmed that after six years with IPAF, he takes up his new career as an independent consultant in August. "I have enormously enjoyed the challenge of being IPAF's technical & safety executive and believe we have taken important steps to improve safety worldwide," said Wraith.

"Chris has done excellent work for IPAF and the industry in his current role and has been instrumental in important initiatives, we look forward to continuing to work with him as a consultant," added Tim Whiteman.



Chris Wraith with his RoSPA Guardian Angel Award

MOT exemptions and EU truck cartel

The most recent meeting of IPAF's Vehicle Mounted Manufacturers Technical Committee discussed the UK's Department for Transport's proposal to remove the larger truck mounted lift exemption from EU Regulation 45/2014 - periodic roadworthiness tests for motor vehicles and trailers - with the exemption only retained for mobile cranes, as they spend a limited time on public roads, and cannot realistically fit inside a typical MOT testing station. It was pointed out many vehicle mounted aerial lifts face the same issues, often remaining on site for months or even years, or that a short term hire can be extended to several weeks - meeting MOT renewal/expiry dates could therefore be an issue.

The group discussed joining the voluntary scheme that the Construction Plant-Hire Association has been working on for cranes, dependant on legislation, which is expected to come into force in May 2018. It was pointed out that Italy has a compulsory annual inspection for both the vehicle and the platform mounted on the back, either by a state or private test station, while Germany has a different regime again. The committee also raised the potential requirement for a seven or 10 year major inspection standard or guidance, but felt that the current IPAF Guidance for Major Inspections of Mobile Elevating Work Platforms provides sufficient guidance.

The European Truck Manufacturers Cartel and the likelihood of members receiving compensation following the action brought by the European Commission was also discussed. Total fines have reached €2.9 billion, the largest ever imposed by the EU for a case of this nature. The next meeting will be held on 8th September at Platformers' Days in Germany.



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Members' conference attracts record audience

The association's Annual Members' Meeting and conference took place at the Coombe Abbey Hotel in Warwickshire on the 7th of July. Delivering his annual report, PASMA's managing director, Peter Bennett, began by saying that PASMA is the organisation that knows about towers and cares about the people who use them.



He went on to say that over the last year the association worked towards achieving a number of goals and objectives aimed at fulfilling its mission. "We have seen an increased use in our committees of virtual meeting rooms and a widespread uptake of our project and task management system. It is already bringing enormous benefits in efficiency and member inclusion.

We will shortly announce the appointment of a new technical officer to assist our technical director and take us a step closer to the establishment of our proposed test and research centre. We also continue to collaborate with and seek active engagement with other industry bodies to support our efforts, so taking advantage of their expertise in their respective fields to avoid duplication of effort and expense."

He concluded by saying that as with any growing organisation, from time to time, it was necessary to take a step back and review roles and responsibilities to ensure that everything was being done to meet the needs of members, and that this process was currently underway at PASMA. Finally he thanked the retiring chairman, Carl Evans, for his contribution to the work and role of the association and welcomed the incoming chairman Gillian Rutter, wishing her every success in her term of office.



Revisions to EN 1004

Conference delegates also heard from technical director, Don Aers. He explained that the task to revise EN 1004, the European standard for mobile access towers, had been reinstated last year when CEN TC53 - the European standards organisation technical committee for temporary works equipment - had taken the decision to continue with the project. He explained that TC53 had also taken the decision that towers under 2.5 metres should be included and that the standard for user instructions, EN 1298, should be considered for inclusion as part of EN 1004.

The group - of which Don Aers is convenor - completed the draft at the end of March, although its work is still not complete as it will be necessary to carry out both internal and external (public) enquiries after which comments need to be considered and addressed.

PASMA appoints ASEAN rep

Daniel Ng



The association has appointed Daniel Ng as its representative for the ASEAN (Association of Southeast Asian Nations) region. The appointment comes in response to growing interest throughout the region in the work and role of PASMA as a champion of safety and good practice in the work at height sector.

Ng brings 26 years of experience to the post, together with a proven, successful track record representing SGB across the region.

Commenting on the appointment Peter Bennett said: "Daniel is a well-known and respected figure in the industry. He joins us at a pivotal time as we develop PASMA's presence internationally and increasingly seek to improve height safety and standards globally."

Head of international development, Sarah Nunn, added: "We are delighted to have Daniel on board. His experience will be invaluable as new, local standards are introduced in Singapore over the coming months. PASMA will now be ideally placed to contribute towards, and add value to, these latest developments."

Gillian Rutter takes over from Carl Evans

For the first time in its history, PASMA has a woman as its chairman of council. A member of PASMA's governing body for many years and the association's specialist Hire & Assembly committee since 2013, Gillian Rutter has been a life-long member of the association and was one of the first women to successfully complete PASMA's 'Towers for Users' training course, when just 17.

PASMA's new chairman runs Skyward Access Training based in Harold Wood, Essex. She is also a director of Hire Access, a Hirer/Dealer and Hire & Assembly member of the association that operates across the UK and the Republic of Ireland.



Gillian Rutter.



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Charities fund training

The Lighthouse Club charity and the Construction Youth Trust are funding The Lighthouse Learner Project to offer 20 disadvantaged young people access to training and employment opportunities in the construction industry. The nine day course will lead to an OCN London accredited Level 1 Award in 'Health and Safety in a Construction Environment' in preparation for a CSCS card. Lighthouse chief executive Bill Hill said: "We are delighted to provide this funding and work with Construction Youth Trust. As with everything we do, we can only do it with the support of our industry and so I would like to say a special thank you to those who made sure that our learners are safely kitted out with PPE."



Manitowoc expands Americas training

Manitowoc has expanded its Spanish language Crane Care training programmes in Central America and the Caribbean. Trainees previously had to travel to the USA with classes in English. Manitowoc now offers training courses in English, Portuguese and Spanish.

Manitowoc Crane Care's director of customer service Cuauhtemoc Flores said: "When Manitowoc's Crane Care training programme was only offered in the US, we had two barriers - the high costs for dealers to send their technicians and the language. These technicians are now more prepared and confident to provide customer assistance."



Manitowoc Crane Care training in Central America

£7,500k for scaffold fall

St. Albans Scaffolding of the UK, has been fined £5,500 plus costs of £442, while director Simon Bruce was fined £915 plus costs of £443 after an employee fell while erecting a scaffold.

The man lost his balance while climbing a 7.6 metre ladder carrying a 4.8 metre scaffold pole weighing 20kg. He fell just over five metres to the ground, and required surgery after suffering multiple fractures to his right leg and ankle. An investigation found both the company and director failed to ensure that he was trained to the required competence to install scaffolding, and was not adequately supervised.

HSE inspector Rauf Ahmed said: "The director knew the worker had not received the appropriate training to carry out the safe installation of the scaffolding and he put him at risk by allowing unsupervised work to continue."

Boom crush fatality costs £145k

UK contractor Pyeroy has been fined £130,000 plus more than £14,000 costs following a fatal crushing incident with a boom lift. The incident occurred in October 2013 at the Devonport Dockyard in Plymouth while Keith Stevens was working from the platform of an articulated boom lift at a height of around 14 metres.

He was helping remove temporary plastic roofing above the submarine HMS Conqueror, when he slumped over the machine's controls and was trapped against a roof beam. None of his colleagues below had been trained on how to operate the boom lift or its emergency descent procedure, and the site supervisor was away. The men below climbed up the structure to try and rescue him, but it took at least 20 minutes before they were able to relieve the pressure on Stevens, however it was too late. He died of an enlarged heart which caused sudden cardiac arrhythmia. The court found that there was a lack of planning, including an absence of a rescue plan in the case of an operator becoming incapacitated.

A statement from the company said: "We express our sincerest apologies. The loss of Keith has had a massive lasting impact on the business and everyone who knew him. We have lost a valued employee, colleague and friend. A civil claim has been settled in full. The company immediately drew up rules to change its procedures, including making sure a trained operator was always on the ground when a cherry picker was working. All crane and work at height operations now have their own rescue plans."

HSE inspector Helena Allum said: "If Pyeroy had trained other employees to use the platform in emergency situations, Mr Stevens would have been lowered to the ground more swiftly. This case highlights the need for duty holders to properly plan all work at height beforehand, including emergency planning and rescue situations."

Who trained him then?



Sent in by a reader, an adult and three children in the platform of a boom lift, with two more youngsters suspended below. To add to the risk the boom is on the back of a trailer towed by a dump truck.

Liebherr LRT 1090/1100

The Liebherr LRT series of Rough Terrain cranes was launched at Conexpo earlier this year. Two versions were announced having a maximum capacity of 90 or 100 tonnes, and this 1:50 scale model by Conrad represents both cranes. It comes with a pictorial instruction sheet which also has a list of parts.

This is a typically heavy and robust model by Conrad. Looking underneath, there is detailing of the chassis components, with the transmission modelled in plastic. The wheels look good and the large rough terrain tyres are impressive. The axles steer and the range of movement is very good. The rear axle has some oscillation.

The chassis has various ladders and other parts detailed. There is no natural attachment point for the hook blocks during transport, and a length of chain would have been a good inclusion. The lights are painted. The outriggers appear to be tough plastic with single stage beams, while jack cylinders are smooth when extended with the replica timber pads being plastic.

The crane cab has a windscreen wiper and lights, and the grab rails are metal. Inside, the detail is good with a large control console and joysticks visible. The crane cab tilts and can hold any pose. The superstructure and counterweight is relatively simple reflecting that on the real crane.

The boom lift cylinder has a locking mechanism which is tightened using a supplied key. It works well when fully tightened and it will hold the boom.

There is detail on the base boom section including a plastic cable drum, and there are metal sheaves in the boom nose. The telescopic sections extend smoothly and lock into place when full extension is reached.

The bi-fold swingaway extension is a very nice metal lattice casting with a plastic

solid section which has an excellent colour match. All sheaves are metal and the extension's offset angles can be set. The hook block has three sheaves and a single line headache ball/hook is also included. The winch drums are turned by finger on the drum, and the brake is by means of friction rather than a positive lock.

As would be expected Conrad has produced a strong model which is both heavy and robust. It is particularly functional, and costs €159 from the Liebherr webshop.

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

Cranes Etc Model Rating	
Packaging (max 10)	9
Detail (max 30)	25
Features (max 20)	18
Quality (max 25)	21
Price (max 15)	11
Overall (max 100)	83%



Offset extension



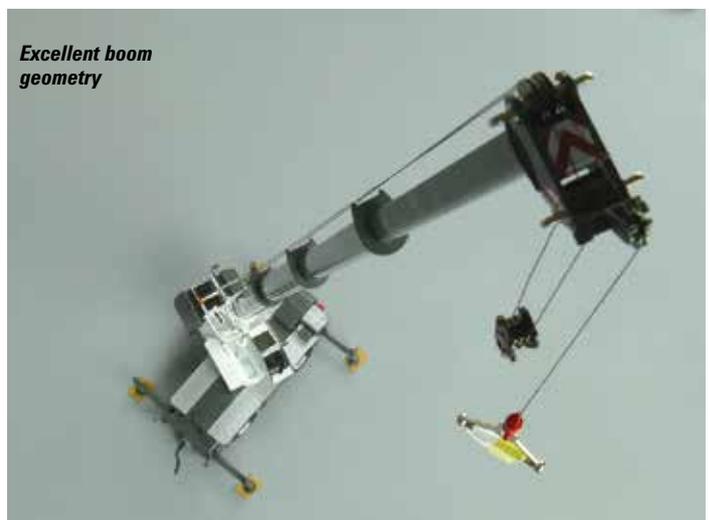
Classic RT pose



Interesting load on a truck



Nice outriggers and pads



Excellent boom geometry



The following is a highly abbreviated letter from ex-IPAF managing director Paul Adorian, which also calls for UK rental companies to work with the fire and rescue departments. We will publish that in the next issue.

This Tragedy Should Not Have Been Allowed to Happen!

Despite the fact that the media has had a field day over the Grenfell Tower tragedy, it took nearly two weeks for BBC London to zero in on the fact that London Fire Brigade has let down the people of London, particularly those living in tower blocks, through its utter failure to realise that multi-storey buildings constructed of steel and concrete can burn. When one looks at the number of high rise flats and office blocks in London, there can be no doubt that London Fire Brigade is seriously under-equipped to deal with such fires and it is only a matter of luck that such an accident had not happened sooner.

When construction on these particular high rise flats commenced in the 1970's, I ran a company within the John Laing Construction Group which was responsible for distributing a wide range of powered access equipment. At that time the largest aerial platform in the world reached 150ft (15 floors) and was available in a firefighting version. I spent a considerable amount of time trying to persuade three successive chief officers of the London Fire Brigade to look at and try out such a machine for firefighting and rescue duties, explaining the need if they were faced with a serious fire on a multi-storey building. At that time the largest machine available in the UK was only 85ft (8 floors).

There are now at least three companies in Europe manufacturing machines capable of reaching 30 floors, all mounted on chassis which comply fully with UK road regulations and one of them has been supplying them for firefighting and rescue for years. There can be no good reason for London Fire Brigade not to be equipped with such machines. The current commissioner sounds like her predecessors from the 1970's, who could always find reasons for not doing something, instead of taking positive action to prevent unnecessary loss of life, such as we have so sadly witnessed at Grenfell Tower.

We are told that the fire started on the fourth floor and from news film, it seems that the initial spread of fire upwards was relatively slow. But once it took hold on the outside panelling, it proved highly combustible and part of it was almost certainly oil based. In view of the lack of appropriate firefighting or rescue equipment and access problems to the site, a risk assessment would have shown that the best way to fight such a fire would involve the use of foam cannons, such as

those mounted on airfield crash tenders. Four portable foam cannons could have been set-up around the building very quickly with a high pressure water supply fed from fire appliances parked well away from the building.

As long ago as the mid 1970's my company supplied two such foam cannon, mounted on truck mounted scissor lifts to the BP Oil refinery on the Isle of Grain to cover the tanker unloading dock and oil storage tanks. These machines were relatively small, lightweight and could be readied for action in minutes. Being mobile and small, they could almost invariably be placed where they were needed.

Had London Fire Brigade done their homework they could so easily have had such equipment available at relatively low cost, and once the foam cannon were in position it would only require two standard fire appliances to provide the water and foam. This apparatus could discharge foam to a height of 200ft (20 floors) and I believe that such an arrangement would have extinguished the flames at Grenfell Tower in minutes, had it been available on site shortly after the original call.

What more will it take for London Fire Brigade to wake up, demand the immediate finance from the Home Office and place an order for two or preferably three machines for London. Three million pounds is petty cash on top of the total cost of this disaster

Paul. A. Adorian

Tim Whiteman's letter to Sadiq Kahn letter

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17 July 2017

Dear Mayor Khan,

The Grenfell tower is 67 metres tall. The tallest aerial platform vehicle operated by the London Fire Brigade can reach 32 metres.

There are commercial organisations in London that own and operate hydraulic aerial platforms that can reach to 90 metres.

The International Powered Access Federation is a UK-based, non-profit, organisation representing the manufacturers and owners of such equipment. Our members would like to investigate with your office whether such resources could be made available in emergency situations.

The machines I am referring to are lorry mounted mobile elevating work platforms which are able to reach more than 90 metres and transport up to six people. They are similar to the equipment used by the London Fire Brigade but have been developed for commercial use.

There are important differences in design and use, but our members would like to review whether such equipment could play a useful role in responding to any future emergencies involving high rise buildings. I would welcome the opportunity to meet relevant representatives to review whether there could be merit in this idea.

Please let me know if you feel a meeting would be useful. I can be reached on 015395 66700 or via email at tim.whiteman@ipaf.org

Yours sincerely

TIM WHITEMAN
Managing Director & CEO
International Powered Access Federation

Brian Wiggins R.I.P

Access industry veteran Brian Wiggins - of Wyse Plant, SEV/Aerial, Instant Zip-Up, Go Industries, UpRight and Snorkel - passed away on July 11th, following a long illness.



He began in the construction industry working in Africa and the Middle East before joining the emerging powered access industry in the UK. He worked at Wyse Plant which sold Genie booms and Fabtek/Hyster sigma type scissor lifts before moving to John Rusling shortly before it became Instant Zip Up - and later UpRight UK - working in the major accounts team. He also worked with UK manufacturer Go Industries in Thetford, later joining SEV/Aerial access where he looked after export sales. That business became part of Tanfield which then acquired UpRight and later Snorkel. He remained on board after both acquisitions and through several restructurings and covered most of the less developed territories including the Middle East, Africa, Russia, the Baltics and China. During this time he laid the foundations for some of Snorkel's most successful international dealer relationships, many of which still endure.

He rarely had a bad word to say about anyone, took great pleasure in closing a deal and was known and loved around the world. He never really retired, even after deteriorating health forced him to reduce his travelling, bringing an end to permanent employment. He continued as a very successful freelance salesman working with a number of companies selling new and used equipment.

In the words of someone who worked alongside him: "Brian was a friendly, funny, very loyal and occasionally frustrating - he didn't believe there was any such word as 'no', and great company with a vast store of war stories. He was a good man and I rarely heard anybody with a bad word to say about him. He belonged to a different era when the access industry consisted of a handful of machines outside the USA but remained relevant and busy to the end. He will be sadly missed by many people in the business worldwide."

And in another moving tribute:

"I was deeply saddened to hear the passing away of the legend, Brian Wiggins. As someone who tutored me and countless others in the Middle East and beyond, the industry has lost a true and incredible legend. I would go as far as saying that it was Mr. Wiggins who introduced MEWPs in the Middle East. "It was a true honour and privilege to have been under his tutelage. I am sure Brian is giving an 'uplifting' talk where he is right now.

R.I.P my guru Brian

Srini Kadaba

Gary Smith 1955 - 2017

UK powered access pioneer Garry Smith passed away peacefully on July 14th following a short illness, he was just 62. Smith was chairman and shareholder of Bella Access which he jointly founded in 2010, having spent most of his working life in the UK access rental industry.

He started out in the early 1980s at scaffold company Deborah Services where he managed the powered access division. The company was later acquired by Scott Greenham and Smiths powered access business was merged with SG Access. In 1987 conglomerate BET acquired both Scott Greenham and powered access pioneer PTP which was merged with SG Access under the PTP banner becoming the clear UK market leader. Smith became a member of the senior management team and played a major role in developing a network of northern depots.

Towards the end of the 1980s he left PTP and joined David Wraith to establish a brand new powered access business - Nationwide Access Platforms. After building the company into a substantial business the two sold out to David Price in a Cinven supported MBI in 1992. The business became the first building block of Lavendon, which went on to become Europe's largest powered access company.

After a few year's respite Smith founded Kimberly Access with Peter Piekarus in 1994, selling the business to a Management Buy In led by Ray Ledger and LDI in 2007. In his most recent venture - Bella Access - he took a back seat role as chairman and joint owner, guiding a new generation with Jason Dalmas as managing director.

The UK powered access industry has lost a good man who played a

significant role in the formation of the modern access rental industry. The follow are excerpts from some of the input and emails received:

"Gary was undoubtedly one of the pioneers of the powered access industry and he possessed an imagination and foresight that was before its time and yes he was a character, try buying a business from him! I send my deepest sympathy to Kim and the family."

"Gary was not only a fantastic business man and mentor, but a great husband, father and grandfather, he will be truly missed. The support shown by the industry would truly overwhelm him as he thought he was all but forgotten in the industry but obviously not."

"He did truly live and breathe the Access Industry, it was his passion and love."

"He was one of the early founding fathers of our industry, particularly up here in the north. He did exceptionally well in his life and had an impressive influence on our industry during its formative years."

"Gary was a true Gentleman, a Businessman and a great Boss to work for. He knew the industry inside out and had a lot of respect for the people within it."

"He was not only one of the pioneers in its formative years, but one of the great characters of the UK powered access industry over decades."



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35t Liebherr LTM 1030-2.1	2006	4x4x4	30,00m + 15,00m
35t Grove GMK 2035	2004	4x4x4	29,00m
45t Fann ATF 45-3	2006	6x6x6	34,00m + 15,20m
50t Grove GMK 3050	1999	6x6x6	38,10m + 15,00m
55t Grove GMK 3055	2004	6x6x6	43,00m + 15,00m
55t Grove GMK 3055	2006	6x6x6	43,00m
55t Liebherr LTM 1055-3.1	2006	6x6x6	40,00m + 16,00m + Runner
60t Fann ATF 60-3	2004	6x6x6	40,20m + 16,00m
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80t Terex-Demag AC 80-2	2003	8x6x6	50,00m + 17,60m + Runner
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100t Grove GMK 5100	2001	10x8x10	51,00m + 26,00m
100t Grove GMK 5100	2002	10x8x10	51,00m + 18,00m
100t Liebherr LTM 1100/2	2001	10x8x8	52,00m + 19,00m
120t Grove AT 9120 E	1995	10x8x8	48,00m + 17,70m
160t Tadano Fann ATF 160G-5	2009	10x8x8	60,00m + 37,00m
160t Tadano Fann ATF 160G-5	2005	10x8x8	60,00m + 13,20m
200t Liebherr LTM 1200-5.1	2009	10x8x10	72,00m + 22,00m
250t Liebherr LTM 1250/1	2004	12x8x10	72,00m + 42,00m + 63,00m
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Interested? Find out more here:
www.weiland-gruppe.eu/gebrauchtfahrzeuge

Weiland Hebeteknik GmbH · Edisonstraße 19 · D-68623 Lambertheim
Germany · Telefon +49 (0) 62 06 / 94 49 – 69 · Fax -77
E-mail: bs@weiland-gruppe.eu · www.weiland-gruppe.eu

Online Directory www.vertikal.net

online Access&Lifting directory – the fast and efficient way to find a supplier

Access Equipment Manufacturers

The Access Platform Company	www.accessplatformcompany.co.uk
Ascendant Access	www.ascendantaccess.com
Aichi	www.aichi-corp.jp
AIRO	www.airo.com
Alimak Hek	www.alimakhek.com
ATN	www.atnplatforms.com
Barin	www.barin.it
Bil jax	www.biljax.com
Böcker Maschinenwerke	www.boecker-group.com
Bravi	www.braviisol.com
CMC	www.cmclift.com
Co.Me.T	www.officinecomet.it
CTE	www.ctelift.com
DENKA-LIFT	www.rothlehner.com
Dino Lift	www.dinolift.com
Dingli	www.cndingli.com
Easylift	www.easy-lift.it
Falck Schmidt	www.tcalift.com
GEDA-Dechentreiter	www.geda.de
Genie	www.genielift.com
GSR Spa	www.gsrspa.it
Haulotte	www.haulotte.com
Hinowa Tracked Aerial Platforms	www.hinowa.com
Holland Lift	www.hollandlift.com
Imer Access	www.imergroup.com
Isoli	www.isoli.com
Iteco	www.imergroup.com
JLG	www.jlgeurope.com
Klaas	www.utility-equipment.com
Klubb France	www.klubb-france.fr
Ladder Safety Devices	www.laddersafetydevices.co.uk
Leader	www.leader-piatt.it
Leguan Lifts	www.leguanlifts.com
Manitou	www.manitou.com
Mantis Access	www.mantisaccess.co.uk
Mantall	www.mantall.com
Matilsa	www.matilsa.es
MEC	www.mec-awp.com
Niftylift	www.niftylift.com
Oil&Steel	www.oilsteel.com
Omega Platforms	www.omegaplatforms.com
Omme Lift	www.ommelift.dk
Palazzani Industrie	www.palazzani.it
Palfinger Platforms	www.palfinger-platforms.com
Planet Platforms	www.planetplatforms.co.uk
PB Liftechnik	www.pbgmbh.de
Platform Basket	www.platformbasket.com
Power Towers	www.powertowers.com
Ranger tracked access	www.tracked-access.co.uk
Runshare	www.runshare.net
Ruthmann	www.ruthmann.de
Sinoboom	www.sinoboom.com
Skyjack	www.skyjack.com
Snorkel	www.snorkelusa.com
Socage	www.socage.it
SUP	www.supelefant.com
TCA Lift	www.tcalift.com
Teupen	www.teupen.com
Turner Access	www.turner-access.co.uk
UTS Sales & Repairs	www.towersandpodiums.co.uk
Versalift distributors (UK)	www.versalift.co.uk
Youngman	www.youngmangroup.com

Scaffold Towers

Eurotowers	www.eurotowers.co.uk
Instant	www.instantupright.com
Lyte Industries	www.lyteladders.co.uk
Planet Platforms	www.planetplatforms.co.uk
Svelt	www.svelt.it
Turner Access	www.turner-access.co.uk
Youngman	www.youngman.com

Mastclimbers & Hoists

Adastra Access	www.adastra-access.co.uk
Alimak-Hek	www.alimakhek.com
Brogan Group	www.brogangroup.com
GEDA-Dechentreiter	www.geda.de
Klaas	www.utility-equipment.com
SGB	www.sgb.co.uk
LTC Hoists Division	www.lchoists.co.uk
Safi	www.safi.it

Specialist Scaffolding

Advance Scaffolding (SW)	www.advancedscaffoldingltd.co.uk
SGB	www.sgb.co.uk

Platform Rental

1st Access Rentals	www.1staccessrentals.co.uk
2 Cousins Access Limited	www.2cousins.co.uk
AA Access (Specialists)	www.aaaccess.co.uk
ABBA Plant Hire	www.abbaplanthire.co.uk
Access Link	www.accesslink.biz
Access Platforms Direct	www.accessplatformsdirect.co.uk
Acrolift	www.acrolift.co.uk
Active Rentals Scotland	www.activerentals.co.uk
Actual Access	www.actualservices.co.uk
Advanced Access Platforms	www.accessplatformsuk.com
Aerial and Handling Services	www.aerialandhandlingservices.com
Aerial Platforms	www.aerialplatformsltd.co.uk
AFI- Uplift	www.afi-uplift.co.uk
A-Plant	www.aplant.com
ASR Access Platforms	www.access-platforms.com
ATP	www.atphire.com
Bluelift	www.bluelift.ie
Drammen Liftutleie AS	www.drammenlift.no
Elevation	www.elevation.net
ES Access Platforms	www.esaccess.co.uk
Facelift	www.facelift.co.uk
Fraco	www.fraco.co.uk
GT Access	www.gtaccess.co.uk
Height for Hire	www.heightforhire.com
High Access Hire	www.highaccesshire.co.uk
Higher access	www.higheraccess.co.uk
Hi-reach	www.hi-reach.co.uk
Hird	www.hird.co.uk
Horizon Platforms	www.horizonplatforms.co.uk
JMS Plant Hire	www.jms-planthire.co.uk
Kimberly Rentals Group	www.kimberlyaccess.co.uk
Lifterz	www.lifterz.co.uk
Loxam Access	www.loxam-access.co.uk
LTC Powered Access	www.ltcpoweredaccess.co.uk
LTC	www.ltcaccess.co.uk
Mainline Access	www.mainline-access.co.uk
Manlift Hire	www.manlift.ie
Mays Access Platform Services	www.mapsplatforms.co.uk
Mr Plant Hire	www.mrplanthire.co.uk
Nationwide Platforms	www.nationwideplatforms.co.uk/Hire
North American Rentals	www.bigbooms.com
Peter Douglass Platforms	www.peterdouglass.co.uk
Platform Sales & Hire	www.platformsales.co.uk
Rapid Platforms	www.rapidplatforms.co.uk
Readyplant Ltd	www.readyplant.co.uk
Rival	www.riwal.com
Sandhurst Access Rental	www.sandhurst-accessrental.co.uk
Trac-Access	www.trac-access.com
United Powered Access	www.upa-uk.com
Universal Platforms	www.universalplatforms.com
Warren Access	www.warrenaccess.co.uk
Wilson Access	www.wilsonaccess.co.uk

Notified Body

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

Access Platform Sales (APS)	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
Facelift	www.facelift.co.uk
Flesch	www.Flesch-Arbeitsbuehnen.de
Gantic Norway	www.gantic.no
Genie	www.genielift.com
GSR Aerial Platforms UK	http://en.gsrspa.it
GT Access	www.gtaccess.co.uk
Height for Hire	www.heightforhire.com
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/
North American Rentals	www.bigbooms.com

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
Rival	www.riwal.com/used
Turner Access	www.turner-access.co.uk
TVH - Group	www.tvh.com
Universal Platforms	www.universalplatforms.com
Utility Equipment	www.utility-equipment.com
Vertimac	www.vertimac.com
Wilson Access	www.wilsonaccess.co.uk
Workplatform	www.workplatformltd.co.uk

Special/Bespoke Access & Lifting Solutions

Access Platform Sales (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
Warren Access	www.warrenaccess.co.uk/hire
Working At Height Ltd	www.workingatheightltd.com
Workplatform	www.workplatformltd.co.uk

Special & Niche Access

Acrolift	www.acrolift.co.uk
DENKA Narrow	www.rothlehner.com
Easy Reach Scotland	www.easyreachscotland.co.uk
Facelift	www.facelift.co.uk
Height for Hire	www.heightforhire.com
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
Special Equipment	www.special-equipment.eu
Universal Platforms	www.universalplatforms.com
Utility Equipment	www.utility-equipment.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

Heavy Transport/Abnormal Loads

Collett A Sons, UK	www.collett.co.uk
S.A. Smith	www.sa-smith.co.uk

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.genielift.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
GT Lifting Solutions	www.gtlift.co.uk
Industrial Access	www.industrialaccess.ro
Lisman	www.lisman.nl
Riwal	www.riwal.com/used
TVH Group	www.tvh.com
Vertimac	www.vertimac.com
VHS Vissers Heftruck Service	www.vhsblad.nl

Telehandler Rental

ABBA	www.abbaplanthire.co.uk
GT Lifting Solutions	www.gtliftingltd.co.uk
JMS Plant Hire	www.jms-planthire.co.uk
Mr Plant Hire	www.mrplanthire.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/
CISRS	www.cisrs.org.uk
CPA	www.cpa.uk.net
EWPA	www.ewpa.com.au
IPAF	www.ipaf.org

NASC	www.nasc.org.uk
OSHA	www.osha.gov
PASMA	www.pasma.co.uk

Crane Manufacturers

Böcker Maschinenwerke	www.boecker-group.com
Galizia	www.galiziagru.com
Grove	www.groveworldwide.com
HCMC (Hitachi-Sumitomo)	www.nrcplant.co.uk
Jekko Minicrane	www.jekko.it
JMG	www.jmgcranes.com
Klaas	www.utility-equipment.com
Kobelco	www.kobelcocm-global.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
Raimondi	www.raimondi.com
Sany	www.sany.com.cn
Sennebogen	www.sennebogen.com
Spierings	www.spieringskranen.nl
Tadano	www.tadanofaun.de
Tadano Japan	www.tadano.com
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
Penny Hydraulics	www.pennyhydraulics.com
PM Cranes	www.pm-group.eu

New & Used Cranes

AGD Equipment	www.agd-equipment.co.uk
Cotac Oy	www.crane.fi
Cranes4Cranes	www.cranes4cranes.com
Cranes UK	www.cranesuk.net
Crowland Cranes	www.crowlandcranes.co.uk
Delden Cranes	www.deldencranes.co.uk
Electrogen Int	www.electrogen.ie
IMC Cranes	www.imc-cranes.com
Hird	www.hird.co.uk
Jones-Iron Fairy	www.jonesironfairy.co.uk
Kobelco	www.kobelco-cranes.com
Leader	www.leader-platt.it
London Tower Cranes	www.londontowercranes.co.uk
Maeda	www.maedaminicranes.co.uk
Mantis Cranes	www.mantiscranes.co.uk
M. Stemick	www.stemick-kranen.de
NRC	www.nrcplant.co.uk
P.V. Adrighem BV	www.adrighem.com
Rivertek Services	www.rivertekservices.com
Terex Demag	www.terex-cranes.com
Transloader Services	www.transloaderservices.co.uk
Utility Equipment	www.utility-equipment.com

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
Utility Equipment	www.utility-equipment.com

Crane Hire

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

Mini Crane Hire

Easy Reach Scotland	www.easyreachscotland.co.uk
Emerson Cranes	www.emersoncranes.co.uk
GGR	www.unic-cranes.co.uk
Height for Hire	www.heightforhire.com

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

Tower Cranes

London Tower Cranes	www.londontowercranes.co.uk
Electrogen Int	www.electrogen.ie

Heavy Lift Management

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

DWLS	www.dwls.com
HLC Consulting	www.hliconsulting.com

Ancillary Equipment

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

Ritchie Brothers	www.rbaction.com
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Battery Suppliers & Manufacturers

Shield Batteries	www.shieldbatteries.co.uk
Trojan Battery	www.trojanbattery.com
Platinum International	www.platinuminternational.com

Load Cells & Load Monitoring Systems

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

MOBA Automation	www.moba.de
Intercontrol	www.intercontrol.de

Generator Sales & Rental

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

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
GTP Europe	www.gtp-europe.com
Marwood	www.marwoodgroup.co.uk
Mat & Timber Services	www.sarumhardwood.co.uk
Nolim	www.nolim.nl
Outriggerpads	www.outriggerpads.co.uk
Timbermat	www.timbermat.co.uk
TMC lifting supplies	www.tmc-lifting.com
Universal Crane Mats	www.universal-crane-mats.com
Welex Group	www.welexgroup.com

Component Suppliers

Cone Drive	www.conedrive.com
UE Components	www.ue-components.com

Parts & Service Suppliers

Aerial & Handling Services	www.aerialandhandlingservices.com
Alfa Access Services	www.alfa-access-services.com
Amerparts	www.amerparts.net
Caunton - Access	www.caunton-access.com
Cone Drive	www.conedrive.com
Crowland Cranes	www.crowlandcranes.co.uk
C-Tech Industries	www.ctech-ind.com
Davis Access Platforms	www.davisaccess.co.uk
Donghua Limited	www.donghua.co.uk
Electrogen Int	www.electrogen.ie
IPS	www.ipspartsonline.com
JLG	www.jlgeurope.com
Lift-Manager	www.lift-manager.com
TVH - Group Thermote & Vanhalst	www.tvh.be
UE Components	www.ue-components.com
Unified Parts	www.unifiedparts.com
Vertimac	www.vertimac.com
Workplatform	www.workplatformltd.co.uk

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
Inspire	www.inspire.com
MCS Rental Software	www.mcs.co.uk

Replacement Filters

Plant Filters	www.plantfilters.co.uk
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Safety Equipment

AGS	www.ags-btp.fr
Airtek Equipment	www.airteksafety.com

Heaton Trestle Handrail System	www.heatonproducts.co.uk
Heaton Scaffold Towers	www.heatonproducts.co.uk
Load Systems UK Ltd	www.loadsystems.com
Marwood	www.marwoodgroup.co.uk
SMIE	www.smie.com

Software

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

Structural Repairs

Avezaat Cranes	www.avezaat.com
Crowland Cranes	www.crowlandcranes.co.uk
John Taylor Crane Services	www.jtcranes.co.uk

Training Associations & Networks

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

Training Centres & Trainers

Access Platforms Direct	www.accessplatformsdirect.co.uk
Access Platform Sales (APS)	www.iapsgroup.com
Astra Access	www.astratraining.co.uk
Boss Training	www.bosstraining.co.uk
Active Safety	www.activerentals.co.uk
Advanced Access Platforms	www.accessplatformsuk.com
Ainscough	www.ainscoughtraining.co.uk
AJ Access	www.accessplatforms.com
Approved Safety Training -Ca	www.approvedsafetytraining.com
Elevation	www.elevation.net
GT Access	www.gtaccess.co.uk
IAPS	www.iapsgroup.com
Lift-Manager	www.lift-manager.com
LTC Training Services	www.lftcrainingservices.co.uk
Mentor Training Solutions	www.mentortrainingsolutions.co.uk
Nationwide Platforms	www.nationwideplatforms.co.uk
SGB	www.sgb.co.uk
Smart Platform Rentals	www.smartplatforms.com
Transloader Services	www.transloaderservices.co.uk
TVH Group	www.tvh.com
UTN	www.utntraining.co.uk
Versalift Training Direct	www.versalift.co.uk/training
Warren	www.warrenacesstraining.co.uk/courses/
Access Training Workplatform	www.workplatformltd.co.uk/customer-support/operator-training

Safety Training

Atlas Cranes UK	www.atlasgmbh.com
Avon Crane	www.avoncrane.co.uk
Brogan Group	www.brogangroup.com
Davis Access	www.davisaccess.co.uk
Emerson	www.emersontrainingservices.co.uk
Height for Hire	www.heightforhire.com

Training Services

Facelift	www.facelift.co.uk
HCS	www.hydrauliccraneservices.co.uk
Hewden Training	www.hewden.co.uk/training
Hi-Reach	www.hi-reach.co.uk
Hiab	www.hiab.com
Horizon Platforms	www.ipaftrainingcourses.co.uk
JLG Training	www.jlgeurope.com
L&B Transport	www.lbtransport.co.uk
Liebherr Training (UK)	www.liebherr.co.uk
Lifting Equipment Training	www.letltd.co.uk
Loxam	www.loxam-access.co.uk
Lyte	www.lyteladders.co.uk
Mainline Access	www.mainline-access.co.uk
Mentor Training	www.mentortraining.co.uk
Mr Plant Hire	www.mrplantire.co.uk
Nationwide Platforms	www.nationwideplatforms.co.uk
Norfolk Training Services	www.norfolktraining.co.uk
Rapid Platforms	www.rapidplatforms.co.uk
Southern Crane & Access	www.southerncranes.co.uk
TH White	www.thwhite.co.uk
Terex Atlas (UK) Ltd.	www.atlascranes.co.uk
TVH Group	www.tvh.com

Wire Rope & Cable

Teufelberger Seil	www
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**Spares
&
Repairs**

Vehicle Mounted

Make	Working Height	Year
Bronto S34MDT	34m	2001-2003
Bronto S46XDT	46m	2005
Bronto S52XDT	52m	2006-2008
Ascendant A12.5VM	12.5m	2011-2013
Ascendant A15VM	15m	2010
Ascendant A17-12T	17m	2009
Ascendant A22-17TJ	22m	2006-2012
GSR E290PX	29m	2008
GSR 160P	16m	2003-2013

Self Propelled Booms

Make	Working Height	Year
Haulotte H21TX	21m	2006
Haulotte H23TPX	23m	2006
Haulotte H25TPX	25m	2006-2008
Nifty HR12NDE	12.2m	2007-2012
Nifty HR15NDE	15m	2007-2012
Nifty HR17D 4x4	17.2m	2007-2008
Nifty HR17NDE	17m	2011
Nifty HR21D 4x4	20.8m	2007-2008
Skyjack SJ46AJ	16.1m	2012
Haulotte Star 10	10m	2012-2013

Make Working Height Year

Aichi TZ12	14m	2001
Denkalift DL22N	22m	2001-2007
Genie Z30/20N	11.1m	1996
Genie Z45/22	15.8m	1996
Grove Toucan 1010	10.1m	2000
Haulotte H25TPX	25m	2008
Haulotte HA16	16m	2006
Haulotte Compact 100X	10m	2007
Haulotte Quick Up 14	14m	2003-2008
Nifty HR12NDE	12.2m	2005-2008
JLG 15VP	15m	2001
Nifty 120	12m	2007
Skyjack SJ4632	11.6m	2011
Skyjack SJ9250 4x4	17.1m	2008
Falck Schmidt TS24	29m	1994
Haulotte Star 10	10m	2011
Nifty V100	10.8m	2001
Mantis 20/22	22m	1996

Scissor Lifts

Skyjack SJ12	5.6m	2012
Skyjack SJ16	6.7m	2012
Skyjack SJ3219	7.6m	2011
Skyjack SJ3226	9.7m	2011-2012
Skyjack SJ4632	11.6m	2011-2012
Snorkel TM12	5.8m	2012

Trailer Mounted & Narrow Access

Nifty 170HDET	17m	2012
Denka DL22N	22m	2003-2007
Falck Schmidt FS290	29m	2007

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Liebherr LR1100 100t, Year 2002, 53m boom

Fuwa QUY150 150t, Year 2008, 63m boom, 31m fly Jib, runner jib

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V22466 - **Genie GS1530** - 2001
Electric - 6,6 Mtr. - 897 Hrs.
€ 2.750



V20992 - **Haulotte Optimum 8** - 2007
Electric - 7,76 Mtr. - 432 Hrs.
€ 4.250



V22604 - **Genie GS1930** - 2001
Electric - 7,8 Mtr. - 640 Hrs.
€ 3.500



V21041 - **Haulotte Compact 8** - 2007
Electric - 8,2 Mtr. - 282 Hrs.
€ 3.950



V20379 - **Haulotte Compact 12** - 2007
Electric - 12 Mtr. - 775 Hrs.
€ 5.950



V21110 - **Haulotte H125X** - 2007
Diesel 4x4 - 12 Mtr. - 2467 Hrs.
€ 11.950



V19900 - **JLG 3394RT** - 2006
Diesel 4x4 - 12,06 Mtr. - 2507 Hrs.
€ 12.950



V20884 - **Skyjack SJ9241** - 2009
Diesel 4x4 - 14,5 Mtr. - 1506 Hrs.
€ 14.950



V21773 - **Haulotte H155X** - 2006
Diesel 4x4 - 15 Mtr. - 2223 Hrs.
€ 10.950



V22086 - **Hollandlift B-195DL25** - 2007
Diesel 4x4 - 21,5 Mtr. - 3808 Hrs.
€ 29.500



V21922 - **Niftylift HR10E** - 2001
Electric - 10 Mtr. - / Hrs.
€ 5.950



V20903 - **JLG E300AJP** - 2004
Electric - 11,14 Mtr. - 1711 Hrs.
€ 11.950



V22471 - **Manitou 120AETJC** - 2006
Electric - 11,95 Mtr. - 1493 Hrs.
€ 13.950



V22459 - **Airo SG1000** - 2006
Electric - 12 Mtr. - / Hrs.
€ 8.500



V21949 - **Niftylift HR12E** - 2002
Electric - 12,2 Mtr. - / Hrs.
€ 6.500



V19692 - **JLG 450AJ** - 2007
Diesel 4x4 - 15,72 Mtr. - 3289 Hrs.
€ 16.950



V21119 - **Haulotte HA16SPX** - 2007
Diesel 4x4 - 16 Mtr. - 3967 Hrs.
€ 14.500



V19157 - **JLG 600AJ** - 2011
Diesel 4x4 - 20,29 Mtr. - 2343 Hrs.
€ 37.500



V18428 - **Genie Z60-34RT** - 2004
Diesel 4x4 - 20,39 Mtr. - 4417 Hrs.
€ 17.950



V21909 - **Haulotte HA20PX** - 2006
Diesel 4x4 - 20,65 Mtr. - 3265 Hrs.
€ 16.950



V21806 - **Haulotte H16TPX** - 2006
Diesel 4x4 - 15,44 Mtr. - 2590 Hrs.
€ 10.950



V19577 - **Genie S45** - 2005
Diesel 4x4 - 15,7 Mtr. - 3939 Hrs.
€ 11.500



V19641 - **JLG 460SJ** - 2007
Diesel 4x4 - 16,02 Mtr. - 3875 Hrs.
€ 16.950



V18726 - **Haulotte H23TPX** - 2005
Diesel 4x4 - 22,6 Mtr. - 5278 Hrs.
€ 13.950



V19153 - **Genie S85** - 2007
Diesel 4x4 - 27,9 Mtr. - 1737 Hrs.
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HOIST HOURS : 5200
STEERING SIDE : LEFT

2006

€169000



BRONTO SKYLIFT S50 MDT

WORK HEIGHT : 50M
MAX OUTREACH : 30.7M
CHASSIS : VOLVO FM 9 - 6 X 6
MILEAGE : 170,000 KM
HOIST HOURS : 9200
STEERING SIDE : RIGHT

2004

€199000



BRONTO SKYLIFT S46 XDT

WORK HEIGHT : 46M
MAX OUTREACH : 25.7M
CHASSIS : VOLVO FLH 240 - 4 X 2
MILEAGE : 98,000 KM
HOIST HOURS : 4000
STEERING SIDE : RIGHT

2009

€POA



BRONTO SKYLIFT S50 MDT

WORK HEIGHT : 50M
MAX OUTREACH : 30.7M
CHASSIS : VOLVO FM 370 - 6 X 2
MILEAGE : 66,500 KM
HOIST HOURS : 2400
STEERING SIDE : LEFT

2013

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